Covidien Surgical Solutions Group
Aeration of 3X Custom Kit Cycle
Covidien: North Haven, CT
Chambers A & B

1. Objective:

This protocol has been designed to provide the documented program by which the aeration of Covidien Surgical Solutions Group product, processed in a Surgical Solutions Group Custom Kit cycle in Chambers A or B at Covidien: North Haven, CT 100% EtO facility will be validated for aeration up to three times sterilization. This protocol will satisfy EN/ISO10993-7:2008 and Covidien policy GS10004946.

2. Scope:

2.1 This document applies to aeration of product processed through a maximum of three Custom Kit (Cycle#410) sterilization processes at Covidien: 60 Middletown Ave, North Haven, CT for Chambers A and B. The Covidien: North Haven, Chambers A and B process with a sterilant gas of 100% EtO. The facility utilizes primary aeration rooms connected to the chamber which product is automatically unloaded into after cycle completion. The facility also utilizes two ancillary secondary aeration rooms (Suture and Polymer) which product can be placed into following primary aeration in order to aerate further or be used as holding until ready to move out of the sterilization facility.

2.1.1 Custom Kit Products:

2.1.1.1 Surgidac, Ticron
2.1.1.2 Polypropylene (I, II or NG)
2.1.1.3 Surgigut (Plain, Mild or Chromic)(Sealed / Sterile)
2.1.1.4 Polysorb, Biosyn, Caprosyn, Maxon, Dexon, VLOC180, VLOC90, Laproclip (Sealed / Sterile)
2.1.1.5 Monosof, Dermalon
2.1.1.6 Sofsilk
2.1.1.7 Surgilon
2.1.1.8 Vascufil (Sealed / Sterile)
2.1.1.9 Steel
2.1.1.10 Flexon
2.1.1.11 Novafil, VLOC-PBT

2.2 The following are the responsibilities associated with the protocol:

2.2.1 Protocol –Technical Services
2.2.2 Protocol Approval – Technical Services, North Haven QA, North Haven Sterilizer
2.2.3 Samples – Technical Services
2.2.4 Sample Placement – Technical Services
2.2.5 Sample Retrieval – Technical Services & North Haven Sterilizer

2.2.6 Testing / Evaluation – Technical Services
2.2.7 Cycle Scheduling and Processing – North Haven Sterilizer
2.2.8 Final Report – Technical Services
2.2.9 Validation Approval – Technical Services, North Haven QA

2.3 The validation will conform to the following standards:

2.3.1 ANSI/AAMI/ENISO 10993-7:2008 "Biological Evaluation of Medical Devices-Part 7: Ethylene Oxide Sterilization Residuals"
2.3.2 GS10004946 "Covidien Corporate Procedure: Ethylene Oxide Residual Control Policy"

2.4 This protocol will address:

2.4.1 3X Sterilization, aeration processing, and residual testing
2.4.2 3X Aeration Qualification

3. Production Cycle:

3.1 Parameters:

Phase	Minimum Spec	Maximum Spec	Unit
Preconditioning			
Starting Temperature	95	130	°F
Preconditioning Time	12:00	96:00	Hr:Min
Room Temperature	95	115	°F
Room RH	40	70	%
Load time	5	60	Minutes
Pre - Nitrogen Wash			
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Nitrogen Inject	27.0	28.0	inHgA
Nitrogen Inject Elapsed Time	3	30	Minutes
Number of washes	5	5	each
Conditioning			
Vacuum #1	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	3	30	Minutes
Time to Condition	38	390	Minutes
Chamber Temperature	100	130	°F
Chamber Moisture	18.3	86.3	mg/L

Phase	Minimum Spec	Maximum Spec	Unit
Conditioning Dwell Time	45	90	Minutes
Charge			
Initial Vacuum	20.0	21.0	inHgA
EtO Inject Pressure	27.0	28.0	inHgA
EtO Inject Elapsed Time	3	60	Minutes
EtO Gas Weight Used	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	60	Minutes
Exposure			
Chamber Pressure	28.5	29.5	inHgA
Chamber Temperature	95	130	°F
Exposure Time	10:00	12:00	Hr:Min
Gas Concentration	200	480	mg/L
Exhaust			
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	60	Minutes
Post - Nitrogen Wash			
Nitrogen Inject Pressure	28.0	29.0	inHgA
Nitrogen Inject Elapsed Time	3	30	Minutes
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Number of washes	6	6	each
Air Wash			
Dry Air Inject Pressure	28.0	30.0	inHgA
Dry Air Inject Elapsed Time	3	30	Minutes
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Number of washes	12	12	each
Final Air Break			
Dry Air Inject Pressure	28.0	30.0	inHgA
Dry Air Inject Time	3	30	Minutes

Phase	Minimum Spec	Maximum Spec	Unit
Primary Aeration			
Elapsed Time	12:00	96:00	Hr:Min
Room Temperature	95	115	°F
Suture Secondary Aeration	Not Required only if Primary elapsed time ≥ 24 Hr		
Elapsed Time	12:00	96:00	Hr:Min
Room Temperature	105	115	°F
Maximum Chamber Temperature	N/A	130	°F

Loads may be removed from primary aeration after a minimum 12 hours elapsed time is met. After removal from primary aeration the loads must be immediately placed into secondary aeration for a minimum additional time of 12 hours thus meeting the minimum total aeration elapsed time of 24 hours required for Custom Kit cycle processing.

4. 3X Sterilization, Aeration Processing & Residual Testing:

4.1 Novafil was found to be the Custom Kit cycle worst case master aeration product according to STE09-036. Twelve pieces of Novafil suture from an individual lot will be placed in each of four boxes. Box one will be labeled 3X-0Hr, box two will be labeled 3X-12Hr, box three will be labeled 3X-24Hr, and box four will be labeled Blank.

4.2 The 3X boxes will be processed through 3 Custom Kit (Cycle #410) cycles with the maximum exposure time of 12 hours, the upper level EtO gas inject pressure and gas concentration, and a full 6-pallet chamber load . The Blank will remain non-sterile. The 3X residual boxes will be removed, after completion of the cycle, from aeration at the corresponding time points (as close to the specified time as possible).

4.2.1 Cycle #1, 24 hours primary aeration.

4.2.2 Cycle #2, 24 hours primary aeration.

4.2.3 Cycle #3, Aeration as dictated by sample set (see below).

The 3X boxes will be removed, after completion of the third cycle, from aeration as follows: 3X-0Hr box will be removed after 0 hours primary aeration, 3X-12Hr box will be removed after 12 hours primary aeration, & 3X-24Hr box will be removed after 24 hours primary aeration. All dates/times during sample removal and aeration will be recorded so that traceability of each residual sample is documented. Samples will be frozen between cycle processing and after the designated aeration time. Samples will be forwarded frozen, once processing is complete, to the Surgical Solutions Group Chemistry Lab in North Haven where all the boxes will be stored frozen until testing begins

4.3 Sections 4.1 and 4.2 will be repeated with an additional two separate lots of product for a total of three cycle groups: Lot "A", Lot "B", & Lot "C". All lots will be processed in separate cycles, for a total of 9 cycles (3 cycles per lot).

4.4 The implantable materials of each device will be tested exhaustively for EtO and EtCH according to CHEM-033 and ISO10993-7 for all 3X and blank samples.

5. 3X Aeration Qualification:

5.1 An EtO Dissipation curve will be created from the three time points for all three lots of non-absorbable master aeration product tested for the 3X samples. EtCH will be evaluated for acceptance at the longest aeration time point tested.

5.2 The dissipation curve will be evaluated to determine the time required to aerate custom kit product to the specifications that have been proven acceptable following irritation studies performed in STE09-036 and ISO10993-7:2008.

5.2.1 Novafil:
EtO: $\leq$4mg with a TCL of $\leq$10µg/cm²
EtCH: $\leq$9mg with a TCL of $\leq$5mg/cm²

5.3 The process will be found acceptable if the average of the time determined in section 5.2 with 2 standard deviations is less than or equal to the 24 hour specification for the Custom Kit cycle. If the time is exceeded, then either additional biological testing or additional aeration time will be required.

5.4 The materials from the "Blank" sample must show "No Response" when tested, thus giving a result that starts with "<".

6. Documentation:

6.1 The final report will be written, approved and the original copy will be stored in the Surgical Solutions Group Technical Services Library as a permanent document.

6.1.1 The final report will contain all cycle run records and all aeration data.

6.1.2 2X cycle processing will be justified based on the acceptance of 3X cycle processing executed in this protocol. The report will prove acceptance of aeration for product processed in the Custom Kit cycle two or three times sterilized at the Covidien: North Haven, CT 100% EtO sterilization facility.

7. Approval:

Written By:_____ Date: May 12, 2015
Biological Engineer, Technical Services

Approved By:_____ Date: May 12, 2015
Senior Biological Engineer, Technical Services

Approved By:_____ Date: MAY 14, 2015
Director, Technical Services North Haven

Approved By:_____ Date: 5-13-15
Sr. Director, Technical Services North Haven

Approved By:_____ Date: 5-18-15
Sterilization, North Haven

Approved By:_____ Date: MAY 28, 2015
Quality Assurance, North Haven

Covidien Surgical Solutions Group
Aeration of 3X Custom Kit Cycle
Validation Final Report
Covidien: North Haven, CT
Chambers A & B

The sterilization process for the Parametric release of the Surgical Solutions Custom Kit cycle in Chambers A & B for 3X cycle processing has been validated for a maximum of 6 pallets and a minimum of ½ pallet in the Covidien: North Haven, CT 100% EO facility in accordance to the parameters and qualifications stated in protocol STE14-031.

Written By:_____ Date: Aug. 12, 2015
Biological Engineer, Biological Services

Approved By: Michael Bell Date: 13 AUG 2015
Director, Technical Services North Haven

Approved By:_____ Date:_____
Regulatory Affairs

Approved By:_____ Date:_____
Quality Assurance, North Haven

Covidien Surgical Solutions Group
Aeration of 3X Custom Kit Cycle
Validation Final Report
Covidien: North Haven, CT
Chambers A & B

The sterilization process for the Parametric release of the Surgical Solutions Custom Kit cycle in Chambers A & B for 3X cycle processing has been validated for a maximum of 6 pallets and a minimum of ½ pallet in the Covidien: North Haven, CT 100% EO facility in accordance to the parameters and qualifications stated in protocol STE14-031.

Written By:_____ Date: Aug. 12, 2015
Biological Engineer, Biological Services

Approved By: Michael Bell Date: 13 AUG 2015
Director, Technical Services North Haven

Approved By:_____ Date: September 14, 2015
Regulatory Affairs

Approved By:_____ Date:_____
Quality Assurance, North Haven

Covidien Surgical Solutions Group
Aeration of 3X Custom Kit Cycle
Validation Final Report
Covidien: North Haven, CT
Chambers A & B

The sterilization process for the Parametric release of the Surgical Solutions Custom Kit cycle in Chambers A & B for 3X cycle processing has been validated for a maximum of 6 pallets and a minimum of ½ pallet in the Covidien: North Haven, CT 100% EO facility in accordance to the parameters and qualifications stated in protocol STE14-031.

Written By: _____ Date: Aug. 12, 2015
Biological Engineer, Biological Services

Approved By: Michael Bell Date: 13 AUG 2015
Director, Technical Services North Haven

Approved By: _____ Date: _____
Regulatory Affairs

Approved By: Roberto L. M. Date: 31 Aug 2015
Quality Assurance, North Haven

Summary:

Aeration Qualification:
The aeration of the products that are processed in the Covidien Surgical Solutions Group Custom Kit cycle in Covidien: North Haven Chambers A and B is acceptable for "3X" sterilization utilizing a minimum aeration time of 24 hours. Loads may be removed from primary aeration after 12 hours; however if 24 hours of primary aeration is not met an additional 12 hours of secondary aeration in the "Suture Secondary Aeration Room" is required. The products qualified during this study through the use of "Novafil" master aeration product are as follows:

- Surgidac, Ticron
- Polypropylene (I, II or NG)
- Surgigut (Plain, Mild or Chromic)(Sealed / Sterile)
- Polysorb, Biosyn, Caprosyn, Maxon, Dexon, VLOC180, VLOC90, Laproclip (Sealed / Sterile)
- Monosof, Dermalon
- Sofsilk
- Surgilon
- Vascufil (Sealed / Sterile)
- Steel
- Flexon
- Novafil, VLOC-PBT

3X Aeration Qualification:

Novafil suture was the product assessed in study STE14-031. Novafil was found to be the Custom Kit cycle worst case master aeration product according to STE09-036. The product tested in this report was evaluated to determine the minimum combined aeration time (Primary Aeration + Suture Secondary Aeration) required to reduce EtO and EtCH residual content to within the guidelines of EN/ISO10993-7:2008.
Combined primary and suture secondary minimum aeration times are justified based on the suture secondary aeration room temperature exceeding that of primary aeration. The lower temperature primary aeration room was used to evaluate the degassing characteristics of the product in this study.

Twelve samples of Novafil suture from an individual lot were placed in each of four boxes. Box one was labeled "3X-0Hr", box two was labeled "3X-12Hr", box three was labeled "3X-24Hr", and box four was labeled "Blank". This was repeated two additional times with different lots for a total of 12 boxes.

All boxes, with the exception of the "Blanks" which remained non-sterile, were processed through three clinical Custom Kit cycle with the maximum exposure time of 12 hours, the upper level EtO gas inject pressure and gas concentration, and a full 6-pallet

chamber load. Cycle#411 was used in place of routine clinical cycle#410. Cycle#411 uses the same cycle parameters as cycle#410, with the exception of containing the maximum 12 hour exposure time and upper specification gas injection pressure / gas concentration. The "3X" boxes from lot "A" were processed in cycles CB500294, CB500304, and CB500313. The "3X" boxes from lot "B" were processed in cycles CB500300, CB500307, and CB500319. The "3X" boxes from lot "C" were processed in cycles CB500322, CA500325, and CA500327. The "3X" boxes were subjected to 24 hours of primary aeration following cycles #1 and #2. Following cycle #3 boxes were removed, after completion of the cycle, from primary aeration at the appropriate aeration times of 0Hr, 12Hr, and 24Hr. A summary matrix detailing when the primary aeration pull times and dates occurred can be found in the residual summary section of the final report. All boxes were immediately frozen after the designated primary aeration period. Boxes were forwarded frozen to the Chemistry Lab in North Haven where they remained frozen until testing began.

The implantable materials of each device were tested exhaustively for EtO and EtCH according to CHEM-033 and ISO10993-7. The boiling point of EtCH is 128.8°C; because the temperature during aeration is less than 128.8°C the amount of EtCH held on a device will be the same regardless of aeration time, therefore only the 24 hour samples were tested for EtCH. The residual level for the entire contents of the device was determined.

Degassing curve calculations were completed using first order kinetics.
Results will be acceptable at the below specifications as stated by ISO10993-7:2008.

Novafil:
EtO: $\leq$4mg with a TCL of $\leq$10µg/cm²
EtCH: $\leq$9mg with a TCL of $\leq$5mg/cm²

EtO Test Results:

Sample Set "A", RUN# CB500294, CB500304, CB500313

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D4C0376X				**Specification = $\leq$ 4 mg**		
Suture	0.0124	0.000902	0.00013	-0.18991	-4.50402	-31.01581
Total Component mg EtO	0.0124	0.000902	0.00013	-0.18991	-4.50402	-31.01581
EtO TCL (µg/cm²)						
Novafil / 88864422-43 / D4C0376X				**Specification = $\leq$ 10 µg/cm2**		
Suture	3.94	0.288	0.041	-0.19022	1.26008	-5.48041

-Time to specification calculations with negative number will be taken as 0Hr.

EtO Test Results:

Sample Set "B", RUN# CB500300, CB500307, CB500319

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D5D0627X				**Specification = ≤ 4 mg**		
Suture	0.0135	0.000954	0.000144	-0.18919	-4.43155	-30.75087
Total Component mg EtO	0.0135	0.000954	0.000144	-0.18919	-4.43155	-30.75087
EtO TCL (µg/cm^2)						
Novafil / 88864422-43 / D5D0627X				**Specification = ≤ 10 µg/cm2**		
Suture	4.22	0.302	0.0451	-0.18911	1.31723	-5.21040

-Time to specification calculations with negative number will be taken as 0Hr.

EtO Test Results:

Sample Set "C", RUN# CB500322, CA500325, CA500327

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D5D1158X				**Specification = ≤ 4 mg**		
Suture	0.0142	0.000661	0.000159	-0.18717	-4.52825	-31.59974
Total Component mg EtO	0.0142	0.000661	0.000159	-0.18717	-4.52825	-31.59974
EtO TCL (µg/cm^2)						
Novafil / 88864422-43 / D5D1158X				**Specification = ≤ 10 µg/cm2**		
Suture	4.43	0.206	0.0497	-0.18709	1.21400	-5.81853

-Time to specification calculations with negative number will be taken as 0Hr.

EtCH Test Results:

Sample Set "A", RUN# CB500294, CB500304, CB500313

Device / RO# / Lot#	**EtCH (mg)**		**EtCH TCL (mg/cm^2)**
	Aeration Time (24 Hr):		***Aeration Time (24 Hr):***
Novafil / 88864422-43 / D4C0376X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0152		<0.00484
Total Component mg EtCH	0.0152		N/A

-Results that begin with < show no response.

EtCH Test Results:

Sample Set "B", RUN# CB500300, CB500307, CB500319

Device / RO# / Lot#	EtCH (mg)		EtCH TCL (mg/cm^2)
	Aeration Time (24 Hr):		*Aeration Time (24 Hr):*
Novafil / 88864422-43 / D5D0627X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0159		<0.00500
Total Component mg EtCH	0.0159		N/A

-Results that begin with < show no response.

EtCH Test Results:

Sample Set "C", RUN# CB500322, CA500325, CA500327

Device / RO# / Lot#	EtCH (mg)		EtCH TCL (mg/cm^2)
	Aeration Time (24 Hr):		*Aeration Time (24 Hr):*
Novafil / 88864422-43 / D5D1158X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0307		<0.00952
Total Component mg EtCH	0.0307		N/A

-Results that begin with < show no response.

Blank Sample Test Results:

Sample Set "A"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D4C0376X	**Spec = < "No Response"**		**Spec = < "No Response"**
Suture	<0.00030		<0.093

Blank Sample Test Results:

Sample Set "B"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D5D0627X	**Spec = < "No Response"**		**Spec = < "No Response"**
Suture	<0.00028		<0.087

Blank Sample Test Results:

Sample Set "C"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D5D1158X	**Spec = < "No Response"**		**Spec = < "No Response"**

Suture	<0.00028	<0.089

All EtO/EtCH blank samples tested were acceptable for EtO(mg) and TCL(µg/cm^2) to the specifications listed in the protocol showing no response. This shows no initial exposure to EtO, so EtCH was not tested.

Average & Acceptance Level

EtO (mg): Aeration Specification						
Device	**Time to Spec (Hr)**			**Calculations (Hr)**		
Novafil	**Set "A"**	**Set "B"**	**Set "C"**	**Average**	**Std. Dev.**	**Avg. + 2 Std. Dev.**
Suture	0	0	0	0	0	0
Total Component mg EtO	0	0	0	0	0	0

Average & Acceptance Level

EtO TCL (µg/cm2): Aeration Specification						
Device	**Time to Spec (Hr)**			**Calculations (Hr)**		
Novafil	**Set "A"**	**Set "B"**	**Set "C"**	**Average**	**Std. Dev.**	**Avg. + 2 Std. Dev.**
Suture	0	0	0	0	0	0

A dissipation curve and acceptance level was not evaluated for EtCH because of the negligible amounts present during testing.

Upon examination of all test results the minimum aeration time required for product following 3X sterilization in the Covidien: North Haven, CT "Custom Kit" cycle is as follows:

Product		Aeration Time
Novafil (Master product for Custom Kit)		0 Hours

The minimum aeration time of 24 hours for routine custom kit processing is acceptable.

All EtO residual cycles and cycle review sheets are contained in the EtO Residual Cycle section of the "Final Report Binder". All EtO residual results summary sheets, and raw data are contained in the EtO Residual Summary section of the "Final Report Binder".

Documentation

The original Final Report Binder will be located in the Covidien Surgical Solutions Technical Services library as a permanent document STE14-031.

Aeration Validation

Set "A"

Sterilization Cycle# CB500294

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500294 Load Number: Dunnage Load

Date Cycle Completed: June 5, 2015 Time Cycle Completed: 21:43

Date Aeration Completed: June 6, 2015 Time Aeration Completed: 22:00

Notes: Chamber B (STE14-030/031), (Set A: 1X), (Set A: 1 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	95.7	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	106	95	115	°F
Room RH Min	40	40	70	%
Room RH Max	53	40	70	%
PCR Elapsed Time	21:20	12:00	96:00	Hrs:Min
Load Time	32	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	21.0	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	110	38	390	Minutes
Chamber Moisture Min	54.8	18.3	86.3	mg/L
Chamber Moisture Max	66.2	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	*28.1	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	24.6	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	117.7	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	*12:10	10:00	12:00	Hrs:Min
Gas Concentration Min	317.0	200	480	mg/L
Gas Concentration Max	406.0	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.3	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.3	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.2	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.3	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.3	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.2	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.2	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.2	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.2	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.2	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.2	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.2	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.2	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:05	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	99	95	115	°F
Room Temperature Max	109	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.3	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.2 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable.

The exposure time exceeded the maximum specification of 12 hours by 10 minutes. This increased time allows greater EO absorption into the test product further challenging product aeration; this is considered acceptable.

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Bolle Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

GB 06-05-15

CYCLE #:	ELIGIBILITY TIME: ~~05~~ 17:10	DATE: 06-04-15
CB500294	CYCLE LOAD TIME: 02:30	DATE: 06-05-15

(CIRCLE ONE) #411

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: KB

STARTING PCR TEMP: 95.7 STARTING PCR TIME: 05:10 START PCR DATE: 06-04-15

PCR MIN RH: 40 PCR MIN TEMP: 103

PCR MAX RH: 53 PCR MAX TEMP: 106

PALLET PRODUCT LOTS VERIFIED LOAD BY: GB PCR CIRCULATOR RUNNING: GB

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013939			
STE14-03	0-6 Pallet	Residuals	(Set A: 1X)	(Set A: 1 of 3X)	

CYCLE START TIME: 03:02 CYCLE START DATE: 06-05-15 ETC RUN #: 149

CYCLE END TIME: 21:43 CYCLE END DATE: 06-05-15 PRIMARY START TIME: 21:55

PRIMARY END TIME: 22:00 PRIMARY END DATE: 6-6-15 MIN TEMP: 99 MAX TEMP: 109

AERATION CIRCULATOR RUNNING: PJ

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: Gabriel Bonilla Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

COVIDIEN

CHAMBER 103369-3

DATE: 06/05/2015
TIME: 3:02:21 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000149

LOAD NUMBER 1: CB500294
LOAD NUMBER 2: 5013939
LOAD NUMBER 3: STE14-030 6 Pallet Residuals
LOAD NUMBER 4: (Set A:1X) (Set A:1 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001089

CYCLE TYPE : EtO
Test Vacuum : Yes
Nitrogen Blanket : Yes
Gas Makeup : N2
Aeration : No

TEMPERATURE UNIT : °F
PRESURE UNIT : ''HgA
WEIGHT UNIT : Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000022

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000023

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000024

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000025

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000026

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/05/2015 03:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.5	30.7	30.2	45.7	67.2	114.7	115.6	115.4	113.1	115.6	115.5	114.0	119.8	127.2	128.5	122.1	76.9	76.7	107.5	333.5	700.4	0.9
0:01:00	0:01:00	28.9	29.0	30.2	44.8	66.8	114.1	115.1	114.9	112.5	115.0	114.9	113.4	119.6	127.0	128.4	122.0	76.8	85.2	107.5	333.5	700.3	0.9
0:02:00	0:02:00	27.6	27.7	30.2	43.9	65.9	113.9	114.8	114.7	112.2	114.8	114.8	113.1	119.6	126.5	128.3	121.9	76.8	89.4	107.5	333.5	700.4	0.9
0:03:00	0:03:00	26.3	26.4	30.2	43.0	64.7	113.8	114.7	114.6	112.1	114.8	114.8	113.0	119.3	125.9	128.2	121.9	76.8	91.6	107.5	333.5	700.4	0.9
0:04:00	0:04:00	24.9	25.0	30.2	42.5	64.1	113.7	114.7	114.6	112.0	114.7	114.8	113.0	119.2	125.3	128.2	121.8	76.8	93.3	107.5	333.5	700.4	0.8
0:05:00	0:05:00	23.6	23.7	30.2	41.2	62.0	113.7	114.7	114.6	112.0	114.6	114.7	112.8	119.3	125.3	128.2	121.8	76.8	94.3	107.5	333.5	700.4	0.8
0:06:01	0:06:01	22.3	22.4	30.2	40.7	61.5	113.6	114.6	114.5	111.8	114.6	114.5	112.8	119.2	124.9	128.1	121.7	76.8	95.1	107.5	333.5	700.4	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000027

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

0:07:01	0:07:01	20.9	21.0	30.2	39.8	60.3	113.5	114.6	114.4	111.7	114.6	114.7	112.8	119.2	125.0	128.1	121.6	76.7	95.7	107.5	333.5	700.4	0.9

INITIAL EVACUATION(1) SUMMARY 06/05/2015 03:09:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:18	0:07:18	20.5	20.6	30.2	38.9	59.0	113.5	114.5	114.4	111.7	114.6	114.5	112.6	120.3	128.0	128.0	121.5	76.7	95.9	107.4	333.5	700.4	0.9

START PRESS: 0030.5 MAX PRESS: 0030.5 MAX TEMP: 115.7 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 128.5 MAX GAS TEMP: 076.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 128.0 MIN GAS TEMP: 076.7
PRESS CHANGE: 010.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

STABILIZATION 06/05/2015 03:09:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:18	0:00:00	20.5	20.6	30.2	38.9	59.0	113.5	114.5	114.4	111.7	114.6	114.5	112.6	120.3	128.0	128.0	121.5	76.7	95.9	107.4	333.5	700.4	0.9
0:08:18	0:01:00	20.5	20.6	30.2	39.8	59.3	114.1	115.2	115.0	112.3	115.1	115.2	113.3	120.3	127.8	128.0	121.5	76.7	94.3	107.5	333.5	700.4	0.9
0:09:18	0:02:00	20.5	20.6	30.2	40.3	59.6	114.4	115.4	115.3	112.6	115.5	115.4	113.7	120.3	127.2	128.0	121.4	76.7	92.3	107.5	333.5	700.4	0.8
0:10:19	0:03:00	20.6	20.7	30.2	40.7	59.8	114.7	115.7	115.6	112.9	115.6	115.7	113.9	120.3	126.9	127.9	121.4	76.7	90.5	107.4	333.5	700.4	0.9
0:11:19	0:04:00	20.6	20.7	30.2	41.6	61.0	114.8	115.8	115.6	113.0	115.8	115.9	114.1	120.1	126.5	127.9	121.3	76.7	89.0	107.5	333.5	700.4	0.9
0:12:19	0:05:00	20.6	20.7	30.2	41.6	60.8	114.9	115.8	115.7	113.1	115.9	115.9	114.2	120.1	126.5	127.7	121.1	76.6	87.4	107.3	333.5	700.4	0.9
0:13:19	0:06:01	20.6	20.7	30.2	42.5	62.0	115.0	116.0	115.8	113.2	116.0	116.1	114.3	120.3	126.9	127.7	121.1	76.6	86.2	107.4	333.5	700.4	0.9
0:14:19	0:07:01	20.6	20.7	30.2	43.0	62.4	115.1	116.1	115.9	113.4	116.2	116.2	114.5	120.0	126.5	127.7	121.0	76.6	85.1	107.4	333.5	700.4	0.8
0:15:19	0:08:01	20.6	20.7	30.2	43.0	62.3	115.2	116.2	116.0	113.4	116.2	116.3	114.6	119.8	125.7	127.6	120.9	76.6	84.1	107.4	333.5	700.4	0.8
0:16:19	0:09:01	20.6	20.7	30.2	43.4	62.9	115.2	116.3	116.0	113.5	116.3	116.3	114.7	119.9	125.9	127.7	120.8	76.6	83.3	107.4	333.5	700.4	0.9

STABILIZATION SUMMARY 06/05/2015 03:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:18	0:10:00	20.6	20.8	30.2	43.9	63.3	115.4	116.4	116.2	113.7	116.3	116.3	114.7	120.3	126.3	127.5	120.8	76.6	82.6	107.4	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0020.6 MAX TEMP: 116.4 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 128.1 MAX GAS TEMP: 076.8
END PRESS: 0020.6 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 127.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

LEAK CHECK 06/05/2015 03:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:18	0:00:00	20.6	20.8	30.2	43.9	63.3	115.4	116.4	116.2	113.7	116.3	116.3	114.7	120.3	126.3	127.5	120.8	76.6	82.6	107.4	333.5	700.4	0.9
0:18:18	0:01:00	20.6	20.8	30.2	43.9	63.2	115.4	116.4	116.2	113.7	116.4	116.4	114.8	119.8	125.7	127.3	120.7	76.6	81.8	107.3	333.5	700.4	0.9
0:19:18	0:02:00	20.7	20.8	30.2	44.3	63.8	115.5	116.5	116.2	113.8	116.4	116.4	114.9	119.6	125.1	127.3	120.7	76.5	81.2	107.3	333.5	700.4	0.9
0:20:19	0:03:00	20.7	20.8	30.2	44.8	64.3	115.6	116.6	116.3	113.8	116.5	116.4	114.9	119.6	124.9	127.3	120.6	76.6	80.7	107.3	333.5	700.4	0.9
0:21:19	0:04:00	20.7	20.8	30.2	44.8	64.2	115.6	116.6	116.4	114.0	116.6	116.6	115.1	119.6	124.4	127.3	120.5	76.6	80.3	107.3	333.5	700.4	0.9

LEAK CHECK SUMMARY 06/05/2015 03:24:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:18	0:05:00	20.7	20.8	30.2	45.3	64.8	115.7	116.6	116.4	114.1	116.6	116.7	115.3	119.4	124.4	127.1	120.4	76.6	79.9	107.3	333.5	700.4	0.9

START PRESS: 0020.6 MAX PRESS: 0020.7 MAX TEMP: 116.7 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 127.5 MAX GAS TEMP: 076.6
END PRESS: 0020.7 MIN PRESS: 0020.6 MIN TEMP: 114.7 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.5
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000028

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASH(1) (Loop:1/5) 06/05/2015 03:24:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:19	0:00:00	20.7	20.8	30.2	45.3	64.8	115.7	116.6	116.4	114.1	116.6	116.7	115.3	119.4	124.4	127.1	120.4	76.6	79.9	107.3	333.5	700.4	0.9
0:23:19	0:01:00	22.0	22.1	30.2	46.6	65.8	116.2	117.2	116.9	114.5	117.2	117.2	115.7	119.4	124.3	127.1	120.4	90.4	79.6	107.3	333.5	700.4	0.9
0:24:19	0:02:00	23.4	23.5	30.2	47.5	66.6	116.5	117.4	117.2	114.8	117.5	117.5	116.1	119.3	123.4	127.0	120.2	102.9	79.4	107.3	333.5	700.4	0.9
0:25:19	0:03:00	24.8	24.9	30.2	48.0	66.8	116.7	117.7	117.4	115.1	117.6	117.7	116.3	119.2	124.0	126.9	120.1	108.1	79.1	107.3	333.5	700.4	0.9
0:26:19	0:04:00	26.1	26.3	30.2	48.0	66.7	116.8	117.7	117.4	115.2	117.8	117.8	116.5	119.3	124.1	126.9	120.0	109.9	79.0	107.3	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/05/2015 03:29:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:19	0:05:00	27.5	27.6	30.2	48.0	66.4	117.0	117.8	117.6	115.5	117.8	117.8	116.6	119.3	123.9	126.7	119.8	110.6	78.7	107.3	333.5	700.4	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 117.8 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 127.1 MAX GAS TEMP: 110.6
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.7 MIN GAS TEMP: 076.5
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:1/5) 06/05/2015 03:29:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:19	0:00:00	27.5	27.6	30.2	48.0	66.4	117.0	117.8	117.6	115.5	117.8	117.8	116.6	119.3	123.9	126.7	119.8	110.6	78.7	107.3	333.5	700.4	0.9
0:28:19	0:01:00	26.1	26.2	30.2	45.7	64.8	116.0	116.9	116.7	114.5	116.8	116.8	115.6	119.3	123.4	126.6	119.7	108.1	85.7	107.2	333.5	700.4	0.9
0:29:19	0:02:00	24.8	24.9	30.2	43.9	63.1	115.5	116.4	116.2	114.0	116.4	116.4	115.0	119.3	124.0	126.7	119.6	104.4	90.0	107.3	333.5	700.4	0.9
0:30:19	0:03:00	23.4	23.5	30.2	42.5	61.4	115.3	116.2	116.0	113.8	116.2	116.2	114.7	119.4	123.9	126.6	119.6	101.3	92.2	107.3	333.5	700.4	0.9
0:31:19	0:04:00	22.0	22.1	30.2	41.2	59.8	115.1	116.0	115.8	113.6	115.9	115.9	114.5	119.2	123.4	126.5	119.5	98.4	93.9	107.3	333.5	700.4	0.9
0:32:19	0:05:00	20.6	20.8	30.2	39.8	58.1	114.9	115.8	115.7	113.4	115.8	115.9	114.3	119.3	124.1	126.4	119.3	96.0	95.0	107.3	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/05/2015 03:34:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:25	0:05:06	20.5	20.6	30.2	39.8	58.1	114.9	115.8	115.7	113.3	115.8	115.9	114.3	119.2	125.0	126.4	119.3	95.7	95.1	107.2	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.8 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.7 MAX GAS TEMP: 110.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.3 MIN GAS TEMP: 095.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:2/5) 06/05/2015 03:34:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:25	0:00:00	20.5	20.6	30.2	39.8	58.1	114.9	115.8	115.7	113.3	115.8	115.9	114.3	119.2	125.0	126.4	119.3	95.7	95.1	107.2	333.5	700.4	0.9
0:33:25	0:01:00	21.8	21.9	30.2	41.2	58.7	115.8	116.7	116.6	114.3	116.7	116.9	115.4	119.2	124.8	126.4	119.3	99.9	93.6	107.2	333.5	700.4	0.9
0:34:25	0:02:00	23.2	23.3	30.2	42.5	59.7	116.4	117.3	117.0	114.9	117.3	117.3	116.1	118.9	124.4	126.3	119.1	106.3	91.7	107.2	333.5	700.4	0.9
0:35:25	0:03:00	24.6	24.7	30.2	42.5	59.3	116.6	117.4	117.2	115.2	117.5	117.4	116.4	119.3	126.1	126.2	120.4	109.1	90.0	108.1	333.5	700.4	0.9
0:36:25	0:04:00	25.9	26.0	30.2	43.0	59.7	116.8	117.7	117.4	115.4	117.8	117.6	116.7	119.6	126.9	126.1	122.1	111.2	88.6	107.6	333.5	700.4	0.9
0:37:26	0:05:00	27.3	27.4	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	119.4	125.8	126.1	122.1	112.5	87.3	107.5	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/05/2015 03:39:55

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000029

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
0:37:34	0:05:00	27.5	27.6	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	120.0	127.7	126.1	122.0	112.5	87.0	107.5	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.4 MAX GAS TEMP: 112.6
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.0 MIN GAS TEMP: 095.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:2/5) 06/05/2015 03:39:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:34	0:00:00	27.5	27.6	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	120.0	127.7	126.1	122.0	112.5	87.0	107.5	333.5	700.4	0.9
0:38:34	0:01:00	26.1	26.3	30.2	41.6	58.9	116.1	116.9	116.6	114.7	116.9	116.8	115.9	119.8	127.2	125.9	122.0	110.1	90.5	107.4	333.5	700.4	0.9
0:39:34	0:02:00	24.8	24.9	30.2	39.8	57.2	115.5	116.4	116.1	114.2	116.3	116.3	115.3	120.1	127.9	126.0	121.9	106.6	93.2	107.5	333.5	700.4	0.9
0:40:34	0:03:00	23.4	23.5	30.2	38.9	56.2	115.3	116.1	115.9	114.0	116.2	116.1	115.0	119.9	127.6	125.9	121.8	103.4	94.7	107.5	333.5	700.4	0.9
0:41:34	0:04:00	22.0	22.1	30.2	38.0	55.2	115.1	115.8	115.7	113.8	115.9	115.9	114.8	119.8	127.1	125.9	121.7	100.6	95.8	107.5	333.5	700.4	0.9
0:42:34	0:05:00	20.7	20.8	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.1	127.9	125.9	121.7	98.1	96.6	107.5	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/05/2015 03:45:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:05:07	20.5	20.6	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.4	127.8	125.9	121.7	97.8	96.8	107.5	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.1 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.8 MIN GAS TEMP: 097.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL N2 WASH(1) (Loop:3/5) 06/05/2015 03:45:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:00:00	20.5	20.6	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.4	127.8	125.9	121.7	97.8	96.8	107.5	333.5	700.4	0.9
0:43:41	0:01:00	21.8	22.0	30.2	38.5	54.6	116.0	116.9	116.5	114.5	116.9	116.9	115.7	120.5	128.0	125.9	121.6	101.9	95.2	107.5	333.5	700.4	0.9
0:44:41	0:02:00	23.2	23.3	30.2	39.8	55.6	116.6	117.4	117.1	115.1	117.5	117.3	116.4	120.3	127.6	125.8	121.4	108.3	93.4	107.5	333.5	700.4	0.8
0:45:41	0:03:00	24.5	24.6	30.2	39.8	55.3	116.8	117.7	117.3	115.4	117.7	117.6	116.7	120.3	127.2	125.7	121.3	111.2	91.7	107.5	333.5	700.4	0.8
0:46:42	0:04:00	25.9	26.1	30.2	40.3	55.5	117.1	118.0	117.5	115.7	118.0	117.9	117.0	120.3	127.2	125.6	121.1	112.3	90.2	107.5	333.5	700.4	0.9
0:47:42	0:05:00	27.3	27.4	30.2	40.7	56.0	117.2	118.1	117.6	115.9	118.1	117.9	117.1	120.5	127.8	125.5	121.0	112.6	88.9	107.5	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/05/2015 03:50:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:05:12	27.5	27.6	30.2	40.7	55.9	117.2	118.1	117.7	116.0	118.1	117.9	117.2	120.3	126.3	125.5	121.0	112.7	88.7	107.5	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.9 MAX GAS TEMP: 112.7
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.5 MIN GAS TEMP: 097.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.0

INITIAL EVACUATION(2) (Loop:3/5) 06/05/2015 03:50:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:00:00	27.5	27.6	30.2	40.7	55.9	117.2	118.1	117.7	116.0	118.1	117.9	117.2	120.3	126.3	125.5	121.0	112.7	88.7	107.5	333.5	700.4	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000030

0:48:53	0:01:00	26.1	26.3	30.2	39.5	55.6	116.3	117.1	116.8	115.0	117.1	117.0	116.2	120.0	126.1	125.5	120.9	110.2	91.9	107.4	333.5	700.4	0.9
0:49:53	0:02:00	24.8	24.9	30.2	38.0	54.3	115.7	116.6	116.2	114.4	116.6	116.4	115.5	120.0	125.9	125.5	120.8	106.8	94.3	107.5	333.5	700.4	0.8
0:50:53	0:03:00	23.4	23.5	30.2	36.6	52.7	115.5	116.3	116.0	114.2	116.3	116.3	115.3	120.3	126.4	125.4	120.7	103.8	95.7	107.5	333.5	700.4	0.9
0:51:53	0:04:00	22.1	22.2	30.2	36.2	52.2	115.4	116.2	115.9	114.1	116.2	116.1	115.0	120.1	126.2	125.4	120.7	101.2	96.5	107.5	333.5	700.4	0.9
0:52:54	0:05:00	20.7	20.8	30.2	35.3	51.0	115.2	116.1	115.8	113.8	116.2	115.9	114.9	120.1	126.3	125.4	120.6	98.7	97.2	107.4	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/05/2015 03:55:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:00	0:05:00	20.5	20.6	30.2	35.3	51.1	115.2	116.0	115.8	113.8	116.0	115.9	114.9	119.9	125.4	125.4	120.6	98.5	97.3	107.5	333.5	700.4	1.2

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.6 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.3 MIN GAS TEMP: 098.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL N2 WASH(1) (Loop:4/5) 06/05/2015 03:55:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:01	0:00:00	20.5	20.6	30.2	35.3	51.1	115.2	116.0	115.8	113.8	116.0	115.9	114.9	119.9	125.4	125.4	120.6	98.5	97.3	107.5	333.5	700.4	1.2
0:54:01	0:01:00	21.8	22.0	30.2	36.6	51.8	116.1	116.9	116.7	114.7	117.0	117.0	115.9	120.0	125.6	125.3	120.5	101.8	95.7	107.4	333.5	700.4	0.9
0:55:01	0:02:00	23.2	23.3	30.2	38.0	52.8	116.7	117.7	117.2	115.4	117.6	117.5	116.6	119.8	125.3	125.2	120.4	107.7	94.0	107.4	333.5	700.4	0.9
0:56:01	0:03:00	24.6	24.7	30.2	38.4	53.1	117.0	117.8	117.5	115.7	118.0	117.8	117.0	119.8	125.1	125.2	120.2	110.4	92.2	107.4	333.5	700.4	0.9
0:57:01	0:04:00	25.9	26.0	30.2	38.9	53.4	117.2	118.1	117.7	115.9	118.2	118.0	117.3	119.8	124.8	125.1	120.1	111.4	90.7	107.4	333.5	700.4	0.9
0:58:01	0:05:00	27.3	27.4	30.2	38.9	53.2	117.4	118.3	117.8	116.1	118.3	118.1	117.4	119.8	125.0	125.0	120.0	111.8	89.3	107.4	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/05/2015 04:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:05:00	27.5	27.6	30.2	38.9	53.1	117.4	118.3	117.9	116.2	118.3	118.1	117.5	119.3	123.8	125.0	120.0	111.8	89.1	107.3	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.5 MAX GAS TEMP: 111.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.0 MIN GAS TEMP: 098.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:4/5) 06/05/2015 04:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:00:00	27.5	27.6	30.2	38.9	53.1	117.4	118.3	117.9	116.2	118.3	118.1	117.5	119.3	123.8	125.0	120.0	111.8	89.1	107.3	333.5	700.4	0.9
0:59:10	0:01:00	26.2	26.3	30.2	37.1	52.0	116.5	117.3	116.9	115.2	117.3	117.2	116.4	119.4	124.1	125.0	119.8	109.6	91.8	107.3	333.5	700.4	0.9
1:00:10	0:02:00	24.8	24.9	30.2	36.2	51.4	116.0	116.8	116.4	114.7	116.7	116.7	115.8	119.4	123.7	125.1	119.7	106.4	94.1	107.3	333.5	700.4	0.9
1:01:10	0:03:00	23.5	23.6	30.2	35.3	50.4	115.7	116.5	116.2	114.4	116.5	116.4	115.5	119.3	124.0	125.0	119.6	103.5	95.3	107.3	333.5	700.4	0.8
1:02:10	0:04:00	22.0	22.1	30.2	34.8	49.8	115.6	116.4	116.2	114.4	116.3	116.3	115.3	119.3	123.7	124.9	119.6	101.0	96.4	107.3	333.5	700.4	0.8
1:03:10	0:05:00	20.7	20.8	30.2	33.9	48.9	115.4	116.2	116.0	114.1	116.2	116.1	115.1	119.3	123.9	124.9	119.5	98.6	97.1	107.3	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/05/2015 04:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:20	0:05:00	20.5	20.6	30.2	33.9	48.8	115.4	116.2	116.0	114.1	116.2	116.2	115.1	119.2	125.3	125.0	119.5	98.3	97.3	107.3	333.5	700.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.2 MAX GAS TEMP: 111.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.3 MIN PRE TEMP: 124.9 MIN GAS TEMP: 098.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000031

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.5

INITIAL N2 WASH(1) (Loop:5/5) 06/05/2015 04:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:20	0:00:00	20.5	20.6	30.2	33.9	48.8	115.4	116.2	116.0	114.1	116.2	116.2	115.1	119.2	125.3	125.0	119.5	98.3	97.3	107.3	333.5	700.3	0.9
1:04:20	0:01:00	21.8	21.9	30.2	35.3	49.6	116.3	117.2	116.9	114.9	117.3	117.2	116.2	119.2	124.4	124.9	119.3	101.3	95.7	107.3	333.5	700.4	0.9
1:05:20	0:02:00	23.2	23.3	30.2	36.6	50.7	116.9	117.8	117.4	115.6	117.8	117.7	116.8	118.9	124.0	124.8	119.3	107.1	94.0	107.2	333.5	700.4	0.9
1:06:20	0:03:00	24.6	24.7	30.2	37.1	51.0	117.2	118.1	117.6	115.9	118.1	117.9	117.2	119.2	125.0	124.7	119.2	109.9	92.3	107.2	333.5	700.4	0.9
1:07:20	0:04:00	25.9	26.0	30.2	38.0	51.8	117.4	118.3	117.9	116.2	118.3	118.1	117.4	119.3	125.1	124.6	121.5	111.0	90.8	108.8	333.5	700.4	0.9
1:08:20	0:05:00	27.3	27.4	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	118.9	124.7	124.6	122.3	112.5	89.5	107.6	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/05/2015 04:10:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:30	0:05:12	27.5	27.6	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	119.8	127.2	124.6	122.3	112.7	89.3	107.6	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 333.5 DRM2 START: 700.3 MAX PRE TEMP: 125.0 MAX GAS TEMP: 112.7
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.5 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:5/5) 06/05/2015 04:10:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:00:00	27.5	27.6	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	119.8	127.2	124.6	122.3	112.7	89.3	107.6	333.5	700.4	0.9
1:09:31	0:01:00	26.2	26.3	30.2	36.2	50.4	116.7	117.4	117.1	115.5	117.4	117.3	116.6	120.3	127.9	124.6	122.2	110.6	92.2	107.6	333.5	700.4	0.8
1:10:31	0:02:00	24.8	24.9	30.2	35.3	49.9	116.1	116.9	116.5	114.9	116.9	116.7	116.0	120.0	127.6	124.6	122.1	107.3	94.6	107.6	333.5	700.4	0.8
1:11:31	0:03:00	23.4	23.5	30.2	34.4	48.9	115.9	116.7	116.4	114.6	116.7	116.6	115.7	120.3	127.9	124.5	122.1	104.4	95.8	107.6	333.5	700.4	0.9
1:12:31	0:04:00	22.0	22.1	30.2	33.9	48.5	115.7	116.5	116.2	114.4	116.5	116.4	115.5	119.8	127.1	124.3	122.0	101.8	96.8	107.6	333.5	700.4	0.9
1:13:31	0:05:00	20.7	20.8	30.2	33.0	47.3	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.0	127.7	124.2	121.9	99.4	97.4	107.6	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/05/2015 04:16:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:05:08	20.5	20.6	30.2	33.5	48.0	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.4	127.9	124.2	121.9	99.0	97.5	107.6	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.2 MIN GAS TEMP: 099.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.9

HUMIDIFICATION(1) 06/05/2015 04:16:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:00:00	20.5	20.6	30.2	33.5	48.0	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.4	127.9	124.2	121.9	99.0	97.5	107.6	333.5	700.4	0.9
1:14:39	0:01:00	20.6	20.7	30.2	34.8	49.2	116.1	116.8	116.7	114.9	116.8	117.0	116.2	119.4	125.6	124.2	121.9	97.1	96.0	107.6	333.5	700.4	0.9
1:15:39	0:02:00	20.8	20.9	30.2	40.3	56.4	116.5	116.9	117.1	115.4	116.9	117.4	116.7	119.3	125.5	124.2	121.7	95.2	94.2	107.5	333.5	700.3	0.9
1:16:39	0:03:00	21.0	21.1	30.2	47.5	66.1	116.8	117.1	117.4	115.8	117.0	117.7	117.1	119.4	125.7	124.2	121.7	93.5	92.4	107.5	333.5	700.4	0.9
1:17:40	0:04:00	21.1	21.3	30.2	54.3	75.1	117.0	117.2	117.8	116.0	117.3	118.0	117.4	119.4	125.6	124.2	121.6	92.1	91.0	107.6	333.5	700.4	0.9

HUMIDIFICATION(1) SUMMARY 06/05/2015 04:20:03

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000032

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
1:17:42	0:04:03	21.2	21.3	30.2	54.8	75.8	116.9	117.2	117.7	116.0	117.3	118.0	117.4	119.6	125.9	124.2	121.6	92.1	90.9	107.6	333.5	700.4	0.8

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 124.3 MAX GAS TEMP: 099.0
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.1 MIN GAS TEMP: 092.1
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

HUMIDIFICATION DWELL(1) 06/05/2015 04:20:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:42	0:00:00	21.2	21.3	30.2	54.8	75.8	116.9	117.2	117.7	116.0	117.3	118.0	117.4	119.6	125.9	124.2	121.6	92.1	90.9	107.6	333.5	700.4	0.8
1:19:42	0:02:00	21.3	21.4	30.2	64.3	88.4	117.2	117.4	118.0	116.2	117.5	118.2	117.6	118.8	124.4	124.1	132.5	89.6	88.4	109.2	333.5	700.4	0.9
1:21:42	0:04:00	21.2	21.3	30.2	66.2	90.9	117.2	117.6	117.9	116.2	117.6	118.2	117.5	119.2	125.9	129.3	132.1	87.6	86.2	108.8	333.5	700.4	0.9
1:23:42	0:06:00	21.2	21.3	30.2	65.7	90.3	117.2	117.6	117.9	116.1	117.6	118.1	117.4	119.8	126.9	128.9	132.1	86.0	84.6	108.9	333.5	700.4	0.8
1:25:42	0:08:00	21.2	21.3	30.2	64.8	89.0	117.2	117.7	117.9	116.1	117.7	118.2	117.4	119.8	126.4	129.0	131.9	84.7	83.2	109.0	333.5	700.4	0.9
1:27:42	0:10:00	21.1	21.3	30.2	63.9	87.9	117.1	117.7	117.8	116.0	117.7	118.1	117.4	119.4	125.0	128.9	131.6	83.7	82.1	109.0	333.5	700.4	0.8
1:29:43	0:12:01	21.1	21.3	30.2	63.0	86.7	117.1	117.7	117.8	116.0	117.8	118.1	117.3	118.9	123.4	129.0	131.4	82.8	81.1	109.1	333.5	700.4	0.9
1:31:43	0:14:01	21.1	21.2	30.2	62.1	85.4	117.1	117.7	117.8	116.0	117.8	118.1	117.3	118.4	122.1	128.6	131.1	82.1	80.3	109.1	333.5	700.4	0.8
1:33:43	0:16:01	21.1	21.2	30.2	61.6	84.8	117.1	117.7	117.8	115.9	117.8	118.0	117.2	118.3	121.3	128.6	130.9	81.4	79.7	109.1	333.5	700.4	0.8
1:35:43	0:18:01	21.1	21.2	30.2	61.2	84.1	117.2	117.8	117.8	115.9	117.8	118.0	117.2	118.0	120.6	128.5	130.8	80.9	79.2	109.1	333.5	700.4	0.8
1:37:43	0:20:01	21.1	21.2	30.2	60.7	83.6	117.1	117.8	117.7	115.9	117.8	118.0	117.2	118.1	122.7	128.4	130.6	80.5	78.9	109.2	333.5	700.4	0.8
1:39:43	0:22:01	21.1	21.2	30.2	60.7	83.5	117.2	117.8	117.8	115.9	117.8	118.0	117.2	119.4	126.8	128.3	130.4	80.1	78.5	109.1	333.5	700.4	0.9
1:41:43	0:24:01	21.1	21.2	30.2	59.8	82.3	117.1	117.8	117.7	115.9	117.8	118.0	117.2	119.8	126.5	128.1	130.1	79.7	78.1	109.2	333.5	700.4	0.9
1:43:43	0:26:01	21.1	21.2	30.2	59.8	82.2	117.2	117.8	117.8	115.9	117.9	118.0	117.3	119.3	124.7	128.1	130.0	79.4	77.9	109.1	333.5	700.4	0.8
1:45:44	0:28:02	21.1	21.2	30.2	59.3	81.7	117.1	117.8	117.7	115.9	117.9	118.0	117.3	118.9	123.4	128.0	129.8	79.2	77.6	109.2	333.5	700.4	0.9
1:47:44	0:30:02	21.1	21.2	30.2	58.9	80.9	117.2	117.8	117.8	115.9	117.9	118.1	117.2	118.4	122.1	127.9	129.6	78.9	77.4	109.1	333.5	700.4	0.8
1:49:44	0:32:02	21.1	21.2	30.2	58.9	80.9	117.2	117.8	117.8	116.0	117.9	118.1	117.3	118.1	121.1	127.7	129.4	78.7	77.2	109.1	333.5	700.4	0.9
1:51:44	0:34:02	21.1	21.2	30.2	58.4	80.3	117.2	117.8	117.8	115.9	117.9	118.1	117.3	117.8	122.0	127.6	129.2	78.4	77.1	109.1	333.5	700.4	0.9
1:53:44	0:36:02	21.1	21.2	30.2	58.4	80.2	117.3	118.0	117.8	116.0	117.9	118.1	117.3	119.0	126.0	127.5	129.1	78.3	76.9	109.1	333.5	700.4	0.8
1:55:44	0:38:02	21.1	21.2	30.2	58.4	80.2	117.3	118.0	117.8	116.0	117.9	118.0	117.3	119.8	126.9	127.3	132.1	78.1	76.8	109.9	333.5	700.4	0.9
1:57:44	0:40:02	21.1	21.2	30.2	58.0	79.6	117.3	118.0	117.8	116.0	118.0	118.1	117.3	119.6	125.5	127.2	132.1	77.9	76.7	109.5	333.5	700.4	0.8
1:59:44	0:42:02	21.1	21.2	30.2	58.0	79.6	117.3	118.0	117.8	116.0	118.0	118.1	117.3	119.0	123.9	127.2	131.9	77.8	76.6	109.5	333.5	700.4	0.9
2:01:44	0:44:02	21.1	21.2	30.2	58.0	79.6	117.2	118.0	117.8	115.9	118.0	118.1	117.3	118.7	122.9	127.0	131.6	77.6	76.6	109.4	333.5	700.4	0.9
2:03:45	0:46:03	21.1	21.2	30.2	57.9	79.3	117.3	118.1	117.8	116.0	118.0	118.1	117.3	118.3	121.9	127.0	131.6	77.6	76.4	109.4	333.5	700.4	1.2
2:05:45	0:48:03	21.1	21.2	30.2	57.5	78.9	117.3	118.0	117.8	116.0	118.1	118.1	117.3	118.1	120.9	126.8	131.2	77.5	76.4	109.5	333.5	700.4	0.9
2:07:45	0:50:03	21.1	21.2	30.2	57.5	78.9	117.3	118.1	117.8	116.0	118.1	118.1	117.3	117.8	121.1	126.7	131.1	77.4	76.4	109.5	333.5	700.4	0.9
2:09:45	0:52:03	21.1	21.2	30.2	57.5	78.9	117.3	118.0	117.8	116.0	118.1	118.1	117.3	118.9	125.5	126.6	130.8	77.4	76.4	109.4	333.5	700.3	0.8
2:11:45	0:54:03	21.1	21.2	30.2	57.5	78.9	117.3	118.1	117.8	116.0	118.1	118.2	117.4	119.8	127.1	126.5	130.6	77.3	76.4	109.4	333.5	700.4	0.9
2:13:45	0:56:03	21.1	21.3	30.2	57.5	78.7	117.3	118.1	117.9	116.1	118.1	118.1	117.4	119.6	125.9	126.2	130.4	77.2	76.4	109.4	333.5	700.4	0.9
2:15:45	0:58:03	21.1	21.3	30.2	57.5	78.8	117.3	118.1	117.9	116.0	118.1	118.2	117.4	119.2	124.3	126.1	130.2	77.2	76.6	109.4	333.5	700.4	0.9

HUMIDIFICATION DWELL(1) SUMMARY 06/05/2015 05:20:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:42	1:00:00	21.1	21.3	30.2	57.1	78.1	117.4	118.2	117.9	116.1	118.1	118.1	117.4	118.9	123.4	126.0	130.1	77.2	76.4	109.4	333.5	700.4	0.8

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 129.4 MAX GAS TEMP: 092.1
END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.2 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.0
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL EVACUATION(3) 06/05/2015 05:20:03

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000033

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
2:17:42	0:00:00	21.1	21.3	30.2	57.1	78.1	117.4	118.2	117.9	116.1	118.1	118.1	117.4	118.9	123.4	126.0	130.1	77.2	76.4	109.4	333.5	700.4	0.8

INITIAL EVACUATION(3) SUMMARY 06/05/2015 05:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:30	20.5	20.6	30.2	56.6	78.2	117.0	117.8	117.5	115.7	117.8	117.8	117.1	120.0	128.2	126.0	130.0	77.1	82.2	109.4	333.5	700.4	0.8

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.0 MAX GAS TEMP: 077.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.9 MIN GAS TEMP: 077.1
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.0

STERILANT INJECTION(1) 06/05/2015 05:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:00	20.5	20.6	30.2	56.6	78.2	117.0	117.8	117.5	115.7	117.8	117.8	117.1	120.0	128.2	126.0	130.0	77.1	82.2	109.4	333.5	700.4	0.8
2:19:12	0:01:00	21.2	21.3	30.2	57.1	78.7	117.1	117.8	117.7	115.8	117.8	118.0	117.1	118.4	122.2	125.9	129.2	108.8	81.3	109.4	328.6	700.3	0.9
2:20:12	0:02:00	21.9	22.0	30.2	59.3	82.8	116.6	117.2	117.4	115.2	117.6	117.8	116.9	119.6	125.7	125.9	131.4	115.4	80.4	111.2	328.7	700.4	43.0
2:21:12	0:03:00	22.6	22.7	30.2	61.6	85.1	117.0	117.7	117.6	115.7	117.7	117.9	117.0	119.6	125.5	125.7	131.1	116.0	79.7	109.7	328.7	700.4	95.7
2:22:12	0:04:00	23.3	23.4	30.2	63.9	88.3	117.0	117.7	117.6	115.7	117.8	117.9	117.1	119.4	125.1	125.5	130.0	114.2	79.2	109.6	328.7	700.4	151.4
2:23:12	0:05:00	23.9	24.0	30.2	66.1	91.2	117.1	117.8	117.6	115.8	117.8	117.9	117.1	117.8	120.6	125.4	128.9	110.2	78.7	109.5	328.7	700.4	205.5
2:24:13	0:06:01	24.6	24.7	30.2	67.9	93.7	117.1	117.8	117.6	115.8	117.8	117.9	117.1	119.2	124.4	125.2	132.1	113.1	78.4	110.3	326.0	700.4	259.8
2:25:13	0:07:01	25.3	25.4	30.2	69.8	96.1	117.1	117.8	117.6	115.9	117.9	118.0	117.2	118.3	123.5	125.1	131.1	111.2	78.1	109.8	325.5	700.4	315.5
2:26:13	0:08:01	26.0	26.1	30.2	71.6	98.2	117.3	118.0	117.8	116.1	118.0	118.1	117.3	118.9	123.7	124.9	130.2	115.5	77.9	109.7	325.4	700.4	369.9
2:27:13	0:09:01	26.6	26.7	30.2	73.4	100.0	117.3	118.1	117.8	116.2	118.1	118.1	117.4	118.9	125.6	124.6	129.4	116.4	77.6	109.6	324.8	700.4	424.1
2:28:13	0:10:01	27.3	27.4	30.2	74.8	100.0	117.5	118.2	117.9	116.4	118.2	118.2	117.6	118.8	122.9	124.5	129.1	117.7	77.5	109.6	324.1	700.4	473.9

DRUM 1 EMPTY ALARM 06/05/2015 05:30:39

2:28:18	0:10:06	27.4	27.5	30.2	75.7	100.0	117.5	118.2	117.9	116.4	118.2	118.3	117.6	118.6	122.4	124.4	129.0	117.8	77.4	109.6	324.0	700.4	478.4

ALARM SILENCED (gbonilla) 06/05/2015 05:30:56

2:28:55	0:10:23	27.5	27.7	30.2	75.7	100.0	117.5	118.2	118.0	116.4	118.2	118.2	117.6	118.2	121.2	124.4	128.9	118.0	77.4	109.6	324.0	695.4	490.5
2:29:13	0:11:01	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.6	124.3	131.6	118.9	77.4	111.3	324.1	685.4	519.1

STERILANT INJECTION(1) SUMMARY 06/05/2015 05:31:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:14	0:11:00	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.7	124.3	131.8	118.9	77.3	111.3	324.1	685.2	520.6

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.0 MAX GAS TEMP: 119.5
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 324.1 DRM2 END: 685.2 MIN PRE TEMP: 124.3 MIN GAS TEMP: 108.3
PRESS CHANGE: 007.5 ETO USED 1: 009.4 ETO USED 2: 015.1 MAX VAP TEMP: 132.1
EO USED PHASE: 024.6 EO USED CYCLE:024.6 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/05/2015 05:31:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:14	0:00:00	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.7	124.3	131.8	118.9	77.3	111.3	324.1	685.2	520.6
2:30:14	0:01:00	28.6	28.8	30.2	78.0	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.8	118.4	122.0	124.0	131.1	118.7	77.2	109.9	324.1	684.9	565.9

N2 BLANKET(1) SUMMARY 06/05/2015 05:33:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:42	0:01:38	29.0	29.1	30.2	78.4	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.9	117.8	120.5	120.9	130.9	118.6	77.2	109.9	324.1	684.9	584.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000034

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.5 DRM1 START: 324.1 DRM2 START: 685.2 MAX PRE TEMP: 124.3 MAX GAS TEMP: 119.0
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.7 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 120.7 MIN GAS TEMP: 118.6
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.3 MAX VAP TEMP: 131.9
EO USED PHASE: 000.3 EO USED CYCLE:024.6 MIN VAP TEMP: 130.9

EXPOSURE(1) 06/05/2015 05:33:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:42	0:00:00	29.0	29.1	30.2	78.4	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.9	117.8	120.5	120.9	130.9	118.6	77.2	109.9	324.1	684.9	584.0
2:31:42	0:01:00	29.0	29.1	30.2	78.4	100.0	117.6	118.3	118.0	116.5	118.4	118.3	117.8	119.4	124.8	129.9	130.8	116.2	76.9	109.8	324.1	684.9	593.0
2:32:42	0:02:00	28.9	29.0	30.2	77.5	100.0	117.5	118.3	117.9	116.5	118.3	118.2	117.7	118.0	122.0	129.8	130.7	112.8	76.8	109.8	324.1	684.9	590.0
2:33:42	0:03:00	28.9	29.0	30.2	77.5	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.7	119.2	124.1	129.5	130.6	109.8	76.8	109.9	324.1	684.9	583.9
2:34:42	0:04:00	28.8	29.0	30.2	77.0	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.7	118.3	123.5	129.1	130.5	107.1	76.6	109.8	324.1	684.9	579.4
2:35:42	0:05:00	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.8	118.9	123.6	128.9	130.4	104.5	76.6	109.8	324.2	684.9	570.5
2:36:42	0:06:00	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.8	118.9	125.7	128.8	130.3	102.3	76.6	109.8	324.1	684.9	562.9
2:37:42	0:07:01	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.6	118.4	118.3	117.8	118.8	122.8	128.6	130.3	100.2	76.4	109.8	324.1	684.9	555.3
2:38:43	0:08:01	28.7	28.9	30.2	77.0	100.0	117.6	118.3	118.0	116.6	118.4	118.3	117.8	119.6	127.3	128.7	130.1	98.3	76.4	109.8	324.1	684.9	547.8
2:39:43	0:09:01	28.7	28.8	30.2	77.1	100.0	117.6	118.3	118.0	116.6	118.4	118.4	117.8	118.6	122.3	128.5	130.0	96.6	76.4	109.8	324.1	684.9	541.7
BEGIN GAS ADDITION (1) (gbonilla) 06/05/2015 05:42:04																							
2:39:43	0:09:01	28.7	28.8	30.2	77.1	100.0	117.7	118.3	118.1	116.6	118.4	118.4	117.8	118.4	122.2	128.5	130.0	96.6	76.4	109.8	324.2	684.9	541.8
END GAS ADDITION (1) (gbonilla) 06/05/2015 05:42:17																							
2:39:56	0:09:14	29.0	29.1	30.2	77.1	100.0	117.7	118.3	118.1	116.7	118.5	118.4	117.9	118.3	121.3	128.5	130.0	96.5	76.4	109.8	324.1	684.9	541.7
2:40:43	0:10:01	29.0	29.1	30.2	77.5	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	119.9	127.7	128.3	129.9	97.3	76.4	109.8	324.2	684.9	541.7
2:41:43	0:11:01	29.0	29.1	30.2	77.5	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.4	121.8	128.2	129.9	95.9	76.3	109.8	324.1	684.9	529.7
2:42:43	0:12:01	29.0	29.1	30.2	77.0	100.0	117.7	118.3	118.1	116.6	118.4	118.4	117.8	120.0	127.6	128.1	129.7	94.4	76.2	109.8	324.2	684.9	523.6
2:43:43	0:13:01	28.9	29.1	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.3	121.4	128.1	129.6	93.1	76.2	109.8	324.1	684.9	517.5
2:44:43	0:14:01	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.4	118.4	117.9	120.0	126.9	127.8	129.5	91.9	76.0	109.7	324.1	684.9	511.5
2:45:43	0:15:01	28.9	29.0	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.2	121.1	127.8	129.4	90.9	75.9	109.8	324.2	684.8	507.0
2:46:43	0:16:02	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.5	118.4	117.9	119.9	127.1	127.6	129.3	89.8	75.8	109.7	324.2	684.9	502.5
2:47:44	0:17:02	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.5	118.5	118.0	118.2	121.1	127.7	129.2	89.0	75.7	109.7	324.2	684.9	496.4
2:48:44	0:18:02	28.8	29.0	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.5	117.9	119.9	126.5	127.5	129.1	88.1	75.7	109.7	324.2	684.8	493.4
2:49:44	0:19:02	28.8	28.9	30.2	77.1	100.0	117.7	118.5	118.1	116.7	118.5	118.5	118.0	118.1	120.8	127.4	129.0	87.3	75.7	109.7	324.2	684.9	489.0
2:50:44	0:20:02	28.8	28.9	30.2	77.1	100.0	117.8	118.5	118.2	116.7	118.5	118.5	118.0	119.6	125.6	127.4	130.0	86.7	75.7	110.5	324.2	684.9	484.5
2:51:44	0:21:02	28.8	28.9	30.2	77.1	100.0	117.8	118.5	118.2	116.8	118.5	118.5	118.0	118.0	120.4	127.3	132.1	86.0	75.7	110.1	324.2	684.9	481.4
2:52:44	0:22:02	28.8	28.9	30.2	77.0	100.0	117.8	118.6	118.2	116.8	118.5	118.5	118.0	119.6	125.2	127.3	132.1	85.4	75.7	110.1	324.2	684.9	478.3
2:53:44	0:23:02	28.8	28.9	30.2	77.0	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	117.8	120.6	127.3	131.9	84.8	75.7	110.1	324.2	684.9	475.4
2:54:44	0:24:03	28.7	28.9	30.2	77.1	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	119.3	124.7	127.1	131.9	84.3	75.7	110.0	324.2	684.9	470.8
2:55:45	0:25:03	28.7	28.8	30.2	77.1	100.0	117.8	118.5	118.2	116.8	118.6	118.5	118.0	117.8	121.8	126.9	131.8	83.9	75.7	110.1	324.2	684.9	469.4
2:56:45	0:26:03	28.7	28.8	30.2	77.5	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	119.2	124.1	126.8	131.8	83.4	75.8	110.1	324.2	684.9	466.3
BEGIN GAS ADDITION (2) (gbonilla) 06/05/2015 05:59:50																							
2:57:30	0:26:48	28.7	28.8	30.2	77.1	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.1	118.1	120.6	126.7	131.6	83.2	75.9	110.0	324.2	684.9	463.4
END GAS ADDITION (2) (gbonilla) 06/05/2015 06:00:04																							
2:57:43	0:27:01	29.0	29.1	30.2	77.0	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.2	122.7	126.9	131.6	83.9	75.9	110.1	324.2	684.9	463.3
2:57:45	0:27:03	29.0	29.2	30.2	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.3	123.4	126.9	131.6	84.2	76.0	110.1	324.2	684.9	464.8
2:58:45	0:28:03	29.0	29.1	30.2	77.5	100.0	118.0	118.7	118.4	116.9	118.8	118.7	118.2	123.0	137.0	126.7	131.6	87.6	76.0	110.1	324.2	684.9	464.8
2:59:45	0:29:03	29.0	29.1	30.2	77.5	100.0	118.2	118.9	118.5	117.1	119.0	118.8	118.3	123.9	137.0	126.6	131.4	86.7	76.2	110.1	324.2	684.9	460.3
3:00:45	0:30:03	29.0	29.1	30.2	77.0	100.0	118.2	118.9	118.5	117.2	119.1	118.9	118.4	118.4	120.6	126.6	131.2	85.8	76.3	110.2	324.2	684.9	455.6
3:01:45	0:31:03	29.0	29.1	30.2	76.6	100.0	118.2	118.9	118.6	117.2	118.9	118.8	118.3	116.6	115.3	126.6	131.2	85.1	76.3	110.1	324.2	684.9	451.3
3:02:45	0:32:03	29.0	29.1	30.2	77.1	100.0	118.1	118.8	118.4	117.1	118.7	118.7	118.2	116.4	115.2	126.4	131.1	84.6	76.4	110.1	324.2	684.9	449.7
3:03:45	0:33:04	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	116.2	115.5	126.3	130.9	83.9	76.4	110.1	324.2	684.8	446.7
3:04:46	0:34:04	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	119.9	127.5	126.2	130.8	83.4	76.3	110.0	324.2	684.9	443.6
3:05:46	0:35:04	29.0	29.1	30.2	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.1	117.8	121.0	126.1	130.8	83.0	76.3	110.0	324.2	684.9	442.1
3:06:46	0:36:04	28.9	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	119.2	124.9	126.1	130.7	82.5	76.3	110.0	324.2	684.9	440.7
3:07:46	0:37:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.6	119.9	125.9	130.5	82.1	76.2	110.0	324.2	684.9	439.2
3:08:46	0:38:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	120.6	129.8	125.8	130.5	81.8	76.2	110.0	324.2	684.9	436.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000035

3:09:46	0:39:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.4	122.3	125.7	130.4	81.4	76.0	110.0	324.2	684.9	434.7
3:10:46	0:40:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	120.6	130.4	125.8	130.3	81.1	76.2	110.0	324.2	684.9	433.2
3:11:46	0:41:04	28.9	29.0	30.2	77.0	100.0	118.0	118.8	118.4	117.0	118.9	118.7	118.3	123.9	139.5	125.7	130.1	80.8	76.0	110.0	324.2	684.8	431.7
3:12:46	0:42:05	28.9	29.0	30.2	76.6	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	121.3	129.4	125.6	130.0	80.5	76.0	110.0	324.2	684.9	430.2
3:13:47	0:43:05	28.9	29.0	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.4	117.3	117.3	125.5	130.0	80.4	75.9	110.0	324.2	684.9	427.1
3:14:47	0:44:05	28.9	29.0	30.2	76.6	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.4	115.1	125.4	129.9	80.1	75.9	110.0	324.2	684.9	427.1
3:15:47	0:45:05	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	116.3	115.3	125.4	129.7	79.9	75.9	110.0	324.2	684.9	425.6
3:16:47	0:46:05	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.5	118.5	118.1	116.1	115.5	125.3	129.7	79.7	75.9	109.9	324.2	684.9	424.1
3:17:47	0:47:05	28.8	29.0	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	119.8	127.7	125.2	129.6	79.5	75.8	109.8	324.2	684.8	421.1
3:18:47	0:48:05	28.8	29.0	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	123.2	125.3	129.5	79.3	75.9	109.8	324.2	684.9	421.1
3:19:47	0:49:05	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.9	124.1	125.1	129.4	79.2	75.8	109.8	324.2	684.9	419.6
3:20:47	0:50:05	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.5	118.5	118.1	119.6	128.2	125.0	129.3	79.1	75.8	109.7	324.2	684.9	418.1
3:21:47	0:51:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.0	127.0	124.8	129.2	78.9	75.8	109.8	324.2	684.9	416.6
3:22:47	0:52:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.2	118.2	121.0	124.9	129.1	78.8	75.8	109.8	324.2	684.9	415.1
3:23:48	0:53:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	118.7	124.8	129.1	78.7	75.8	109.7	324.2	684.9	413.6
3:24:48	0:54:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.5	121.5	124.7	130.4	78.6	75.8	110.8	324.2	684.9	412.0
3:25:48	0:55:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.1	119.2	124.4	124.6	132.1	78.5	75.8	110.1	324.2	684.9	412.0
3:26:48	0:56:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.2	127.0	124.5	132.1	78.4	75.9	110.1	324.2	684.9	410.5
3:27:48	0:57:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.7	122.8	124.4	131.9	78.3	75.9	110.1	324.2	684.9	409.0
3:28:48	0:58:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.4	124.5	124.4	131.9	78.2	75.9	110.1	324.2	684.9	407.5
3:29:48	0:59:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.9	123.6	124.4	131.6	78.1	76.0	110.1	324.2	684.9	406.0

EXPOSURE(1) SUMMARY 06/05/2015 06:33:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:42	1:00:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	117.8	119.9	124.4	131.6	78.1	76.2	110.1	324.2	684.9	406.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 130.0 MAX GAS TEMP: 118.6
END PRESS: 0028.7 MIN PRESS: 0028.7 MIN TEMP: 117.7 DRM1 END: 324.2 DRM2 END: 684.9 MIN PRE TEMP: 120.9 MIN GAS TEMP: 078.0
PRESS CHANGE: 000.3 ETO USED 1: -000.1 ETO USED 2: 000.1 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/05/2015 06:33:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:42	0:00:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	117.8	119.9	124.4	131.6	78.1	76.2	110.1	324.2	684.9	406.0
3:31:42	0:01:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	120.1	128.9	124.3	131.6	78.1	76.2	110.1	324.2	684.9	406.0
3:32:42	0:02:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.6	122.6	124.2	131.4	78.0	76.2	110.1	324.2	684.9	404.5
3:33:42	0:03:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	117.5	120.6	124.1	131.4	77.9	76.3	110.1	324.2	684.9	403.0
3:34:42	0:04:00	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	116.9	118.7	118.7	118.2	122.4	135.7	129.1	131.2	77.9	76.3	110.1	324.2	684.9	401.5
3:35:42	0:05:00	28.7	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	124.6	140.5	129.4	131.1	77.9	76.3	110.2	324.2	684.9	400.0
3:36:43	0:06:01	28.7	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	119.2	123.3	129.2	131.1	77.8	76.3	110.2	324.2	684.9	399.9
3:37:43	0:07:01	28.7	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.4	116.6	115.7	129.0	130.9	77.8	76.3	110.1	324.2	684.9	398.4
3:38:43	0:08:01	28.7	28.8	30.2	76.6	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.4	115.2	129.0	130.8	77.7	76.3	110.1	324.2	684.9	398.5
3:39:43	0:09:01	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	116.2	115.5	128.8	130.7	77.7	76.3	110.1	324.2	684.9	397.0
	BEGIN GAS ADDITION (3) (gbonilla) 06/05/2015 06:42:29																						
3:40:08	0:09:26	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	116.1	115.6	128.8	130.7	77.7	76.2	110.0	324.2	684.9	396.9
	END GAS ADDITION (3) (gbonilla) 06/05/2015 06:42:42																						
3:40:21	0:09:39	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	116.1	115.6	128.8	130.6	78.6	76.3	110.0	324.2	684.9	396.9
3:40:43	0:10:01	29.0	29.1	30.2	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.0	115.6	128.9	130.6	83.0	76.3	110.0	324.2	684.9	400.0
3:41:43	0:11:01	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	117.6	123.2	128.8	130.5	83.1	76.3	110.0	324.2	684.9	398.5
3:42:43	0:12:01	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.1	116.8	118.5	118.5	118.1	118.7	124.3	128.7	130.4	82.3	76.2	110.0	324.2	684.9	394.0
3:43:43	0:13:01	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.5	118.5	118.1	119.9	128.7	128.7	130.3	81.7	76.2	110.0	324.2	684.9	392.4
3:44:43	0:14:01	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.8	121.5	128.6	130.2	81.1	76.2	110.0	324.2	684.9	391.0
3:45:43	0:15:01	29.0	29.1	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.6	118.6	118.1	119.2	125.1	128.4	130.1	80.7	76.0	109.9	324.2	684.8	389.4
3:46:44	0:16:02	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.8	125.9	128.4	130.0	80.2	76.0	109.9	324.2	684.9	387.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000036

3:47:44	0:17:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.8	123.3	128.3	129.9	79.8	75.9	109.9	324.2	684.9	387.9
3:48:44	0:18:02	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.5	119.5	128.2	129.8	79.5	75.9	109.9	324.2	684.9	386.4
3:49:44	0:19:02	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	128.3	128.1	129.7	79.2	76.0	109.9	324.2	684.9	386.4
3:50:44	0:20:02	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	118.3	122.1	127.9	129.6	79.0	75.9	109.9	324.2	684.9	386.5
3:51:44	0:21:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	120.0	127.5	127.8	129.6	78.8	75.9	109.8	324.2	684.9	384.9
3:52:44	0:22:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.1	121.2	127.8	129.5	78.5	75.9	109.8	324.2	684.9	384.9
3:53:44	0:23:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	120.3	127.9	127.8	129.4	78.3	75.9	109.8	324.2	684.9	383.4
3:54:44	0:24:02	29.0	29.1	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.2	118.3	121.4	127.7	129.3	78.2	75.9	109.8	324.2	684.9	383.4
3:55:45	0:25:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.4	118.8	127.6	129.2	78.1	75.8	109.8	324.2	684.9	381.9
3:56:45	0:26:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	120.0	128.4	127.5	129.1	77.9	75.9	109.8	324.2	684.9	381.9
3:57:45	0:27:03	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	118.3	121.8	127.4	129.0	77.9	75.9	109.8	324.2	684.9	381.9
3:58:45	0:28:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.6	121.7	127.4	128.9	77.8	75.9	109.7	324.2	684.9	381.9
3:59:45	0:29:03	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.2	119.0	124.4	127.3	128.8	77.7	75.9	109.7	324.2	684.9	381.9
4:00:45	0:30:03	28.9	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.6	119.8	127.3	128.7	77.5	75.9	109.7	324.2	684.9	380.4
4:01:45	0:31:03	28.9	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.2	127.2	127.2	128.6	77.5	75.9	109.7	324.2	684.9	380.4
4:02:45	0:32:03	28.9	29.1	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	118.9	124.0	127.0	128.5	77.5	75.9	109.7	324.2	684.9	378.9
4:03:46	0:33:04	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.6	119.8	127.0	128.5	77.5	76.0	109.7	324.2	684.9	377.4
4:04:46	0:34:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.4	127.5	126.8	128.4	77.4	75.9	109.6	324.2	684.9	377.3
4:05:46	0:35:04	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.4	122.5	126.7	128.3	77.3	76.0	109.6	324.2	684.9	377.3
4:06:46	0:36:04	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.4	124.7	126.7	128.2	77.3	76.2	109.6	324.2	684.9	375.9
4:07:46	0:37:04	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.8	118.7	118.2	118.8	123.4	126.7	128.1	77.2	76.2	109.6	324.2	684.9	375.9
4:08:46	0:38:04	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.6	118.5	118.1	118.0	123.1	126.5	128.0	77.2	76.2	109.6	324.2	684.9	375.9
4:09:46	0:39:04	28.9	29.0	30.2	76.1	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.2	120.9	129.8	126.5	127.9	77.2	76.3	109.6	324.2	684.9	375.8
4:10:46	0:40:04	28.9	29.0	30.2	76.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	118.7	122.3	126.3	127.8	77.2	76.2	109.6	324.2	684.9	375.8
4:11:46	0:41:04	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.6	119.3	126.3	127.7	77.2	76.3	109.6	324.2	684.9	372.9
4:12:47	0:42:05	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.0	117.9	126.4	127.6	77.1	76.4	109.6	324.2	684.9	372.8
4:13:47	0:43:05	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.1	116.9	119.7	126.3	127.5	77.1	76.4	109.6	324.2	684.9	371.3
4:14:47	0:44:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.2	125.4	126.2	127.5	77.1	76.4	109.5	324.2	684.9	371.3
4:15:47	0:45:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.6	125.4	126.1	127.4	77.1	76.4	109.5	324.2	684.9	369.8
4:16:47	0:46:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.7	123.3	126.0	127.2	77.0	76.4	109.5	324.2	684.9	370.1
4:17:47	0:47:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	117.5	119.4	125.9	127.2	77.1	76.4	109.5	324.2	684.9	369.9
4:18:47	0:48:05	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.6	118.6	118.1	120.3	127.8	125.8	127.1	77.1	76.4	109.4	324.2	684.9	369.8
4:19:47	0:49:05	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.2	118.1	121.2	125.8	127.0	77.0	76.3	109.4	324.2	684.9	369.8
4:20:47	0:50:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.2	118.7	125.7	127.0	77.0	76.3	109.4	324.2	684.9	369.8
4:21:48	0:51:06	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.9	128.4	125.7	126.9	77.0	76.3	109.4	324.2	684.9	369.9
4:22:48	0:52:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.1	118.2	121.9	125.5	126.7	77.0	76.2	109.3	324.2	684.9	368.3
4:23:48	0:53:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.5	118.1	120.3	128.7	125.4	126.7	77.0	76.2	109.3	324.2	684.9	368.3
4:24:48	0:54:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	118.2	121.6	125.4	126.6	76.9	76.2	109.3	324.2	684.9	366.8
4:25:48	0:55:06	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.8	122.4	125.4	126.5	76.9	76.2	109.3	324.2	684.9	366.7
4:26:48	0:56:06	28.9	29.0	30.2	76.1	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	122.6	136.6	125.3	126.4	76.9	76.2	109.3	324.2	684.9	366.8
4:27:48	0:57:06	28.9	29.0	30.2	76.2	100.0	118.2	118.9	118.6	117.2	119.0	118.8	118.4	121.7	131.3	125.1	126.3	76.9	76.0	109.3	324.2	684.9	366.8
4:28:48	0:58:06	28.9	29.0	30.2	76.1	100.0	118.2	118.9	118.6	117.2	119.0	118.9	118.4	117.2	117.8	125.1	126.3	76.9	76.2	109.3	324.2	684.9	365.3
4:29:48	0:59:06	28.9	29.0	30.2	76.1	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	116.2	115.2	125.0	126.2	76.8	76.2	109.3	324.2	684.9	365.3
4:30:48	1:00:06	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.3	116.0	115.3	124.9	126.0	76.8	76.0	109.1	324.2	684.9	365.3
4:31:49	1:01:07	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.5	118.5	118.1	116.6	119.8	124.8	126.0	76.8	76.0	109.1	324.2	684.9	363.8
4:32:49	1:02:07	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.0	125.3	124.8	125.9	76.8	76.0	109.1	324.2	684.8	363.8
4:33:49	1:03:07	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.8	128.6	124.7	125.8	76.8	76.0	109.1	324.2	684.9	363.8
4:34:49	1:04:07	28.9	29.0	30.2	76.2	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	118.1	121.8	124.6	125.7	76.8	76.0	109.1	324.2	684.9	363.8
4:35:49	1:05:07	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	120.0	128.4	124.6	125.6	76.8	76.0	109.1	324.2	684.9	363.8
4:36:49	1:06:07	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.6	118.6	118.2	118.2	121.8	124.5	125.6	76.8	76.0	109.1	324.2	684.8	363.8
4:37:49	1:07:07	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.3	124.8	124.4	125.5	76.8	76.0	109.1	324.2	684.9	362.2
4:38:49	1:08:07	28.8	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.1	127.6	124.4	125.3	76.7	76.0	109.1	324.2	684.8	362.3
4:39:50	1:09:08	28.9	29.0	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	118.2	121.3	124.3	125.3	76.8	76.0	109.0	324.2	684.9	362.3
4:40:50	1:10:08	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.3	119.0	124.3	125.2	76.7	76.2	109.1	324.2	684.9	362.3
4:41:50	1:11:08	28.9	29.0	30.2	76.2	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.0	134.8	124.2	125.1	76.7	76.2	109.0	324.2	684.9	362.3
4:42:50	1:12:08	28.9	29.0	30.2	76.1	100.0	118.2	118.9	118.5	117.2	119.1	118.9	118.4	122.4	133.5	124.1	125.0	76.8	76.2	109.1	324.2	684.8	362.3
4:43:50	1:13:08	28.9	29.0	30.2	76.1	100.0	118.3	119.1	118.6	117.3	119.0	118.8	118.5	117.5	118.8	125.0	124.9	76.8	76.2	109.0	324.2	684.9	360.7
4:44:50	1:14:08	28.9	29.0	30.2	76.1	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	116.2	115.2	128.9	124.8	76.8	76.3	109.0	324.2	684.9	360.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000037

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

4:45:50	1:15:08	28.8	29.0	30.2	76.2	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.1	115.2	128.8	124.8	76.8	76.2	108.9	324.2	684.9	360.8
4:46:50	1:16:08	28.8	29.0	30.2	76.2	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.7	120.0	128.6	124.7	76.8	76.3	109.0	324.2	684.9	360.8
4:47:51	1:17:08	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.0	125.2	128.6	124.6	76.7	76.2	108.9	324.2	684.9	359.3
4:48:51	1:18:09	28.8	29.0	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.6	128.6	128.5	124.5	76.7	76.2	108.9	324.2	684.9	359.3
4:49:51	1:19:09	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.4	128.4	124.4	76.7	76.2	108.9	324.2	684.9	359.3
4:50:51	1:20:09	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.2	118.9	128.3	124.3	76.7	76.0	108.8	324.2	684.9	359.3
4:51:51	1:21:09	28.8	29.0	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	120.0	128.9	128.4	124.2	76.7	76.2	108.8	324.2	684.9	359.3
4:52:51	1:22:09	28.8	29.0	30.2	76.2	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.2	121.9	128.3	124.2	76.8	76.2	108.8	324.2	684.9	359.3
4:53:51	1:23:09	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	126.5	128.2	124.1	76.7	76.2	108.8	324.2	684.9	359.3
4:54:51	1:24:09	28.8	29.0	30.2	76.7	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.1	128.1	124.0	76.7	76.0	108.7	324.2	684.9	359.3
4:55:51	1:25:09	28.8	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	119.8	127.9	124.0	76.8	75.9	108.7	324.2	684.9	357.7
4:56:51	1:26:09	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.9	127.2	127.9	123.8	76.7	75.9	108.7	324.2	684.9	357.8
4:57:52	1:27:10	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	118.0	120.9	127.8	123.8	76.7	76.0	108.7	324.2	684.8	357.8
4:58:52	1:28:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.2	118.5	127.7	123.7	76.7	76.0	108.7	324.2	684.9	357.8
4:59:52	1:29:10	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	118.6	125.7	127.6	123.6	76.7	76.0	108.7	324.2	684.9	357.7
5:00:52	1:30:10	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	118.7	123.6	127.5	123.5	76.7	75.9	108.6	324.2	684.9	356.3
5:01:52	1:31:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.3	119.4	127.4	123.4	76.7	76.0	108.6	324.2	684.8	356.3
5:02:52	1:32:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	120.9	131.3	127.4	123.4	76.7	76.0	108.6	324.2	684.9	356.3
5:03:52	1:33:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.2	118.6	122.9	127.2	123.3	76.6	76.0	108.6	324.2	684.9	356.3
5:04:52	1:34:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.5	119.4	127.3	123.2	76.7	76.0	108.5	324.2	684.9	356.3
5:05:52	1:35:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.1	120.4	127.3	123.2	76.7	76.0	108.5	324.2	684.9	356.3
5:06:53	1:36:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	119.2	125.1	127.0	123.1	76.7	75.9	108.5	324.2	684.9	354.7
5:07:53	1:37:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.5	120.0	127.0	123.0	76.6	76.0	108.5	324.2	684.8	354.8
5:08:53	1:38:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	126.2	126.9	122.9	76.7	76.0	108.5	324.2	684.9	354.7
5:09:53	1:39:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.1	126.9	122.8	76.6	76.0	108.5	324.2	684.9	354.8
5:10:53	1:40:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.7	122.2	126.8	122.8	76.7	76.0	108.4	324.2	684.8	354.8
5:11:53	1:41:11	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	119.0	124.6	126.7	122.6	76.6	76.0	108.4	324.2	684.9	354.7
5:12:53	1:42:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.6	120.0	126.7	122.6	76.7	76.0	108.3	324.2	684.9	354.8
5:13:53	1:43:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.7	125.6	126.6	122.5	76.6	76.0	108.4	324.2	684.9	354.8
5:14:53	1:44:11	28.8	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.7	118.7	118.2	120.9	130.2	126.6	122.4	76.6	76.0	108.4	324.2	684.9	354.8
5:15:54	1:45:12	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.7	118.3	118.4	122.3	126.4	122.4	76.6	76.0	108.4	324.2	684.9	354.7
5:16:54	1:46:12	28.8	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	116.0	115.3	126.3	122.2	76.6	76.2	108.4	324.2	684.9	354.8
5:17:54	1:47:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	116.5	119.7	126.3	122.2	76.6	76.2	108.4	324.2	684.9	353.2
5:18:54	1:48:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	119.0	125.5	126.3	122.1	76.6	76.2	108.3	324.2	684.9	353.2
5:19:54	1:49:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.6	126.0	126.2	122.0	76.6	76.2	108.3	324.2	684.8	353.3
5:20:54	1:50:12	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.7	123.6	126.1	122.0	76.7	76.2	108.3	324.2	684.9	353.2
5:21:54	1:51:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	117.3	119.3	126.0	121.9	76.7	76.2	108.3	324.2	684.8	353.2
5:22:54	1:52:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	120.4	129.8	125.9	121.8	76.6	76.2	108.3	324.2	684.8	353.2
5:23:54	1:53:12	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	118.3	122.3	126.0	121.7	76.6	76.2	108.2	324.2	684.9	353.3
5:24:55	1:54:13	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	117.2	118.9	125.8	121.7	76.6	76.2	108.2	324.2	684.9	353.2
5:25:55	1:55:13	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	121.5	133.6	125.8	121.6	76.6	76.2	108.2	324.2	684.9	351.7
5:26:55	1:56:13	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	119.0	118.8	118.4	124.1	140.4	125.6	121.5	76.6	76.0	108.2	324.2	684.9	351.7
5:27:55	1:57:13	28.8	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.2	119.2	118.9	118.5	119.2	123.8	125.6	121.4	76.6	75.9	108.2	324.2	684.8	351.7
5:28:55	1:58:13	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	116.5	115.9	125.6	121.3	76.6	76.2	108.2	324.2	684.8	351.7
5:29:55	1:59:13	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.4	116.2	115.2	125.4	121.3	76.6	76.0	108.2	324.2	684.8	351.7
5:30:55	2:00:13	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.1	115.4	125.4	121.2	76.6	76.2	108.2	324.2	684.9	351.8
5:31:55	2:01:13	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.8	115.4	125.3	121.1	76.6	76.0	108.1	324.2	684.9	351.8
5:32:56	2:02:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	119.8	129.0	125.2	121.1	76.6	76.0	108.0	324.2	684.9	350.2
5:33:56	2:03:14	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	122.7	125.2	121.0	76.6	76.2	108.0	324.2	684.9	350.2
5:34:56	2:04:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	124.8	125.2	120.9	76.6	76.2	108.1	324.2	684.9	350.2
5:35:56	2:05:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.4	121.0	125.0	120.8	76.6	76.2	108.0	324.2	684.9	350.2
5:36:56	2:06:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	121.6	132.8	125.0	120.8	76.6	76.3	108.1	324.2	684.8	350.2
5:37:56	2:07:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.9	123.5	125.0	120.7	76.6	76.2	108.0	324.2	684.8	350.3
5:38:56	2:08:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.7	118.3	117.7	119.7	125.1	120.6	76.6	76.3	108.0	324.2	684.8	350.2
5:39:56	2:09:14	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.0	118.0	125.0	120.5	76.6	76.2	108.0	324.2	684.9	350.2
5:40:57	2:10:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.6	117.2	124.7	120.5	76.6	76.0	107.9	324.2	684.9	350.3
5:41:57	2:11:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	120.0	128.4	124.6	120.4	76.6	76.0	107.9	324.2	684.9	350.3
5:42:57	2:12:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	117.8	121.7	124.6	120.3	76.6	76.0	107.9	324.2	684.9	350.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000038

5:43:57	2:13:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	119.2	125.0	124.5	120.2	76.6	76.0	107.9	324.2	684.9	350.3
5:44:57	2:14:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.5	119.9	124.5	120.1	76.6	76.0	107.9	324.2	684.9	350.2
5:45:57	2:15:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	119.3	127.6	124.4	120.1	76.6	75.9	107.9	324.2	684.8	348.7
5:46:57	2:16:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.6	124.3	120.0	76.6	75.9	107.9	324.2	684.9	348.8
5:47:57	2:17:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	117.2	119.4	124.4	119.8	76.6	75.9	107.9	324.2	684.9	350.2
5:48:57	2:18:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	121.8	134.9	124.2	119.8	76.6	75.9	107.8	324.2	684.8	348.7
5:49:58	2:19:15	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	123.4	137.0	124.1	119.8	76.5	75.8	107.8	324.2	684.9	348.7
5:50:58	2:20:16	28.8	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.0	120.4	127.6	119.7	76.5	75.8	107.8	324.2	684.9	348.7
5:51:58	2:21:16	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	116.3	115.4	129.2	119.6	76.6	75.9	107.8	324.2	684.9	348.8
5:52:58	2:22:16	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	116.1	115.2	128.7	119.6	76.6	75.8	107.7	324.2	684.8	348.8
5:53:58	2:23:16	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.9	115.3	128.8	119.5	76.6	75.9	107.7	324.2	684.9	348.8
5:54:58	2:24:16	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.3	128.7	128.7	119.3	76.5	75.9	107.7	324.2	684.9	348.7
5:55:58	2:25:16	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.3	123.4	128.8	119.3	76.5	75.9	107.7	324.2	684.9	348.7
5:56:58	2:26:16	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	119.0	127.4	128.6	119.3	76.5	75.8	107.6	324.2	684.8	347.5
5:57:58	2:27:16	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.9	128.6	119.2	76.5	75.8	107.6	324.2	684.8	347.2
5:58:59	2:28:17	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	117.1	119.0	128.5	119.1	76.4	75.8	107.6	324.2	684.9	347.2
5:59:59	2:29:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.9	129.7	128.5	119.1	76.5	75.8	107.6	324.2	684.9	347.2
6:00:59	2:30:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	119.9	127.3	128.4	122.3	76.5	75.8	108.8	324.2	684.9	347.2
6:01:59	2:31:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.0	121.0	128.4	122.4	76.4	75.8	108.0	324.2	684.9	347.2
6:02:59	2:32:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.2	118.6	128.2	122.4	76.4	75.8	107.9	324.2	684.8	347.3
6:03:59	2:33:17	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	116.7	117.4	128.1	122.3	76.4	75.7	107.9	324.2	684.9	347.2
6:04:59	2:34:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	128.4	128.1	122.3	76.4	75.8	107.9	324.2	684.9	345.7
6:05:59	2:35:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.1	122.1	128.1	122.1	76.4	75.8	107.9	324.2	684.8	345.7
6:07:00	2:36:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	119.4	126.1	127.9	122.1	76.4	75.8	107.9	324.2	684.9	345.7
6:08:00	2:37:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.8	120.4	127.8	122.0	76.4	75.9	107.9	324.2	684.9	345.7
6:09:00	2:38:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.3	117.0	118.2	127.7	122.0	76.5	75.9	107.9	324.2	684.9	345.7
6:10:00	2:39:18	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	120.3	130.9	127.7	121.8	76.4	76.0	108.0	324.2	684.9	345.8
6:11:00	2:40:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	119.0	124.7	127.6	121.7	76.4	76.0	108.0	324.2	684.9	345.7
6:12:00	2:41:18	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.7	120.1	127.5	121.7	76.5	76.0	107.9	324.2	684.9	345.7
6:13:00	2:42:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.0	118.1	127.4	121.6	76.5	76.2	107.9	324.2	684.8	345.7
6:14:00	2:43:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.5	130.4	127.3	121.5	76.5	76.2	107.9	324.2	684.8	345.7
6:15:00	2:44:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	118.4	122.9	127.2	121.5	76.4	76.3	107.9	324.2	684.8	345.8
6:16:01	2:45:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.3	117.3	119.3	127.1	121.4	76.5	76.3	107.9	324.2	684.9	345.7
6:17:01	2:46:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	116.9	119.7	127.1	121.4	76.6	76.4	107.9	324.2	684.9	345.7
6:18:01	2:47:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.3	125.9	127.1	121.2	76.5	76.3	107.9	324.2	684.8	345.7
6:19:01	2:48:19	28.7	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	117.6	120.2	126.9	121.2	76.5	76.4	107.9	324.2	684.9	345.7
6:20:01	2:49:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.8	118.0	126.9	121.1	76.5	76.4	107.9	324.2	684.9	345.7
6:21:01	2:50:19	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.9	128.4	126.9	121.0	76.5	76.3	107.9	324.2	684.9	344.2
6:22:01	2:51:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.8	121.9	126.8	120.9	76.5	76.4	107.9	324.2	684.9	345.7
6:23:01	2:52:19	28.7	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	121.0	130.7	126.6	120.9	76.6	76.4	107.9	324.2	684.9	344.2
6:24:01	2:53:19	28.7	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	118.3	121.8	126.6	120.8	76.5	76.4	107.9	324.2	684.9	344.2
6:25:02	2:54:20	28.7	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	115.4	113.8	126.6	120.7	76.5	76.4	107.9	324.2	684.9	344.2
6:26:02	2:55:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.7	124.0	126.5	120.7	76.6	76.4	107.9	324.2	684.8	344.2
6:27:02	2:56:20	28.7	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.4	124.1	126.4	120.7	76.6	76.4	107.8	324.2	684.9	344.2
6:28:02	2:57:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	127.9	126.5	120.5	76.6	76.4	107.8	324.2	684.9	344.2
6:29:02	2:58:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.3	124.8	126.3	120.4	76.6	76.4	107.8	324.2	684.9	344.1
6:30:02	2:59:20	28.7	28.9	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	118.8	123.8	126.2	120.4	76.6	76.4	107.8	324.2	684.9	344.2
6:31:02	3:00:20	28.7	28.9	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	119.4	126.2	120.3	76.6	76.4	107.8	324.2	684.8	344.2
6:32:02	3:01:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	118.2	124.3	126.1	120.2	76.6	76.4	107.8	324.2	684.8	344.3
6:33:02	3:02:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.0	124.7	126.0	120.1	76.6	76.4	107.8	324.2	684.8	344.2
6:34:02	3:03:20	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.5	120.4	125.9	120.1	76.6	76.4	107.8	324.2	684.8	344.2
6:35:03	3:04:21	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.7	118.6	118.2	120.8	129.9	125.9	120.0	76.5	76.4	107.8	324.2	684.9	344.2
6:36:03	3:05:21	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.3	122.2	125.7	119.8	76.6	76.4	107.8	324.2	684.8	344.1
6:37:03	3:06:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	117.4	119.0	125.7	119.8	76.6	76.4	107.8	324.2	684.8	342.7
6:38:03	3:07:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	116.9	117.7	125.7	119.8	76.6	76.4	107.8	324.2	684.9	342.7
6:39:03	3:08:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	116.4	116.9	125.5	119.7	76.6	76.4	107.7	324.2	684.9	342.7
6:40:03	3:09:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.8	127.9	125.5	119.7	76.6	76.4	107.7	324.2	684.9	342.7
6:41:03	3:10:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.8	123.5	125.4	119.6	76.5	76.4	107.7	324.2	684.9	342.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000039

6:42:03	3:11:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	121.9	133.8	125.5	119.5	76.5	76.4	107.7	324.2	684.9	342.8
6:43:03	3:12:21	28.7	28.8	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.9	118.8	118.3	118.9	123.9	125.4	119.3	76.5	76.4	107.7	324.2	684.8	342.7
6:44:04	3:13:22	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	116.3	116.2	125.2	119.3	76.5	76.4	107.7	324.2	684.9	342.7
6:45:04	3:14:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.3	122.0	125.1	119.2	76.5	76.4	107.6	324.2	684.8	342.7
6:46:04	3:15:22	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.9	127.8	125.1	119.2	76.5	76.4	107.7	324.2	684.9	342.7
6:47:04	3:16:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	117.7	120.7	125.1	119.1	76.5	76.3	107.6	324.2	684.8	342.7
6:48:04	3:17:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.9	118.1	125.0	119.1	76.6	76.3	107.5	324.2	684.9	342.7
6:49:04	3:18:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.8	128.7	124.9	122.0	76.6	76.4	109.1	324.2	684.9	342.7
6:50:04	3:19:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	118.2	122.1	124.9	122.3	76.6	76.4	108.0	324.2	684.9	341.2
6:51:04	3:20:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.0	118.7	124.7	122.2	76.5	76.4	107.9	324.2	684.9	341.2
6:52:04	3:21:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	121.1	132.9	124.6	122.2	76.6	76.4	107.9	324.2	684.9	341.2
6:53:05	3:22:23	28.7	28.8	30.1	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	123.9	140.3	124.6	122.1	76.6	76.4	108.0	324.2	684.8	341.2
6:54:05	3:23:23	28.7	28.9	30.1	76.6	100.0	118.3	119.1	118.7	117.3	119.2	119.0	118.5	119.3	124.5	124.6	122.0	76.5	76.4	108.0	324.2	684.8	341.2
6:55:05	3:24:23	28.7	28.8	30.1	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	116.5	116.0	124.5	122.0	76.6	76.4	108.0	324.2	684.8	341.2
6:56:05	3:25:23	28.7	28.8	30.1	76.6	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.1	115.1	124.5	121.9	76.6	76.6	108.0	324.2	684.9	341.1
6:57:05	3:26:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.9	115.3	124.3	121.8	76.5	76.6	108.0	324.2	684.8	341.2
6:58:05	3:27:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.7	115.4	124.3	121.8	76.6	76.6	107.9	324.2	684.8	341.1
6:59:05	3:28:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	129.1	124.2	121.7	76.6	76.6	108.0	324.2	684.8	341.2
7:00:05	3:29:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.8	123.6	124.2	121.6	76.6	76.7	108.0	324.2	684.9	341.2
7:01:05	3:30:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.9	124.7	124.1	121.5	76.6	76.7	108.0	324.2	684.8	341.2
7:02:06	3:31:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.3	119.6	125.9	121.4	76.6	76.7	108.0	324.2	684.9	341.1
	BEGIN GAS ADDITION (3) (CMAPPA) 06/05/2015 10:05:20																						
7:03:00	3:32:18	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.9	129.7	129.3	121.4	76.6	76.7	108.0	324.2	684.9	341.2
7:03:06	3:32:24	28.8	29.0	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	120.3	130.4	129.3	121.4	76.6	76.8	108.1	324.2	684.8	341.2
	END GAS ADDITION (4) (CMAPPA) 06/05/2015 10:05:33																						
7:03:12	3:32:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	120.5	130.4	129.3	121.4	77.4	76.7	108.0	324.2	684.9	341.2
7:04:06	3:33:24	29.0	29.2	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.7	120.6	129.2	121.3	81.6	76.8	108.0	324.2	684.8	344.2
7:05:06	3:34:24	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	114.7	113.0	129.1	121.2	81.0	76.8	108.0	324.2	684.9	341.2
7:06:06	3:35:24	29.0	29.1	30.1	77.1	100.0	117.7	118.3	118.1	116.8	118.5	118.5	118.2	118.9	127.9	128.9	121.1	80.4	76.8	107.9	324.2	684.8	341.2
7:07:06	3:36:24	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	122.4	128.7	121.1	80.0	76.8	108.0	324.2	684.8	339.7
7:08:06	3:37:24	29.0	29.2	30.1	77.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	125.9	128.8	121.1	79.6	76.9	108.0	324.2	684.9	338.1
7:09:06	3:38:24	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.6	128.6	128.7	120.9	79.2	76.9	108.0	324.2	684.8	338.1
7:10:06	3:39:24	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.3	122.3	128.5	120.8	79.0	76.9	107.9	324.2	684.8	338.1
7:11:07	3:40:24	29.0	29.2	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.4	130.9	128.5	120.8	78.7	76.9	108.0	324.2	684.9	338.2
7:12:07	3:41:25	29.0	29.2	30.1	77.1	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	123.5	138.0	128.5	120.7	78.5	77.0	108.1	324.2	684.9	338.2
7:13:07	3:42:25	29.0	29.2	30.1	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.3	121.4	128.5	120.7	78.3	77.1	108.1	324.2	684.8	338.1
7:14:07	3:43:25	29.0	29.2	30.1	76.6	100.0	118.2	118.9	118.5	117.3	118.9	118.8	118.5	116.2	115.5	128.4	120.5	78.1	77.1	108.1	324.2	684.9	338.2
7:15:07	3:44:25	29.0	29.2	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.4	115.9	115.1	128.3	120.4	77.9	77.1	108.0	324.2	684.8	338.2
7:16:07	3:45:25	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.9	115.3	128.2	120.4	77.9	77.1	108.0	324.2	684.8	338.2
7:17:07	3:46:25	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.2	125.3	128.2	120.4	77.8	77.1	108.0	324.2	684.9	338.2
7:18:07	3:47:25	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	123.6	128.1	120.3	77.7	77.2	108.0	324.2	684.9	338.2
7:19:07	3:48:25	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.8	127.9	127.9	120.3	77.7	77.2	108.0	324.2	684.9	336.6
7:20:08	3:49:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.7	120.9	127.8	120.1	77.5	77.1	107.9	324.2	684.8	336.7
7:21:08	3:50:26	29.0	29.2	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.8	118.2	127.7	120.1	77.5	77.2	107.9	324.2	684.8	336.7
7:22:08	3:51:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.6	126.9	127.7	120.0	77.4	77.2	107.9	324.2	684.9	336.7
7:23:08	3:52:26	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.7	120.6	127.6	119.8	77.4	77.2	107.9	324.2	684.8	336.7
7:24:08	3:53:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.8	118.1	127.5	119.8	77.4	77.2	107.9	324.2	684.9	336.7
7:25:08	3:54:26	29.0	29.1	30.1	77.0	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	119.9	128.6	127.4	119.8	77.3	77.2	107.9	324.2	684.9	336.6
7:26:08	3:55:26	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.8	121.4	127.4	119.8	77.3	77.2	108.0	324.2	684.9	336.6
7:27:08	3:56:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.9	128.9	127.4	119.6	77.3	77.2	107.9	324.2	684.9	336.7
7:28:09	3:57:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.2	122.1	127.3	119.5	77.2	77.2	107.9	324.2	684.9	336.7
7:29:09	3:58:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.2	117.2	119.0	127.1	119.5	77.3	77.2	107.9	324.2	684.8	336.6
7:30:09	3:59:27	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.2	119.3	127.8	127.1	119.3	77.2	77.3	107.9	324.2	684.9	336.7
7:31:09	4:00:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	119.2	125.0	127.0	119.3	77.2	77.3	108.0	324.2	684.9	336.6
7:32:09	4:01:27	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	117.7	120.1	126.9	119.3	77.2	77.3	108.0	324.2	684.8	336.7
7:33:09	4:02:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	116.9	118.1	127.0	119.2	77.2	77.3	107.9	324.2	684.9	336.7
7:34:09	4:03:27	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.5	122.5	127.0	119.2	77.2	77.3	107.9	324.2	684.9	336.7
7:35:09	4:04:27	29.0	29.1	30.1	77.0	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	118.9	124.7	126.8	119.1	77.2	77.2	107.8	324.2	684.8	336.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000040

7:36:09	4:05:27	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.8	128.9	126.8	121.9	77.2	77.3	109.3	324.2	684.9	336.7
7:37:10	4:06:28	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.4	122.7	126.7	122.2	77.2	77.3	108.3	324.2	684.9	336.6
7:38:10	4:07:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.3	119.1	126.6	122.1	77.1	77.2	108.2	324.2	684.8	336.7
7:39:10	4:08:28	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.7	117.7	126.6	122.1	77.2	77.3	108.3	324.2	684.9	336.7
7:40:10	4:09:28	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	118.4	125.6	126.5	122.0	77.2	77.3	108.3	324.2	684.9	336.5
7:41:10	4:10:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.1	118.4	123.6	126.3	121.9	77.2	77.2	108.3	324.2	684.8	336.7
7:42:10	4:11:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	120.3	130.9	126.2	121.9	77.2	77.2	108.3	324.2	684.8	336.6
7:43:10	4:12:28	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.9	123.8	126.2	121.8	77.2	77.2	108.3	324.2	684.8	336.7
7:44:10	4:13:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	117.6	119.7	126.2	121.7	77.2	77.2	108.3	324.2	684.8	336.7
7:45:10	4:14:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	116.9	118.0	126.1	121.6	77.1	77.2	108.3	324.2	684.8	336.7
7:46:10	4:15:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.4	128.2	126.0	121.6	77.2	77.2	108.3	324.2	684.8	336.7
7:47:11	4:16:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.3	122.7	125.9	121.5	77.2	77.2	108.2	324.2	684.8	336.6
7:48:11	4:17:29	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.1	119.0	125.9	121.4	77.1	77.2	108.3	324.2	684.8	336.7
7:49:11	4:18:29	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	120.3	129.3	125.7	121.4	77.2	77.2	108.2	324.2	684.9	336.7
7:50:11	4:19:29	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	118.2	121.9	125.7	121.3	77.2	77.2	108.3	324.2	684.8	336.7
7:51:11	4:20:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.1	118.8	125.7	121.2	77.1	77.3	108.3	324.2	684.9	336.7
7:52:11	4:21:29	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.4	125.6	125.7	121.1	77.2	77.3	108.3	324.2	684.8	336.7
7:53:11	4:22:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	118.7	123.7	125.6	121.1	77.2	77.2	108.3	324.2	684.8	336.6
7:54:11	4:23:29	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.3	119.4	125.5	121.0	77.2	77.2	108.3	324.2	684.8	336.7
7:55:11	4:24:29	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	118.7	126.0	125.5	120.9	77.2	77.3	108.3	324.2	684.8	336.7
7:56:12	4:25:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.4	125.3	120.8	77.2	77.3	108.3	324.2	684.9	335.2
7:57:12	4:26:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.3	119.4	125.3	120.8	77.2	77.3	108.3	324.2	684.9	336.7
7:58:12	4:27:30	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	116.7	118.8	125.1	120.7	77.2	77.4	108.2	324.2	684.9	335.1
7:59:12	4:28:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.2	120.4	129.1	125.2	120.7	77.2	77.4	108.3	324.2	684.9	336.7
8:00:12	4:29:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	118.0	121.6	125.0	120.5	77.2	77.4	108.3	324.2	684.9	335.1
8:01:12	4:30:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.1	118.7	125.0	120.5	77.2	77.4	108.3	324.2	684.8	335.2
8:02:12	4:31:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	119.9	127.6	124.9	120.5	77.3	77.4	108.2	324.2	684.9	336.7
8:03:12	4:32:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.8	118.6	118.2	117.8	121.0	124.9	120.4	77.3	77.5	108.3	324.2	684.9	335.1
8:04:12	4:33:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.0	118.5	124.8	120.3	77.3	77.5	108.2	324.2	684.8	335.1
8:05:13	4:34:31	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	116.9	120.1	124.7	120.2	77.3	77.6	108.3	324.2	684.9	335.2
8:06:13	4:35:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.1	119.8	127.4	124.7	120.1	77.3	77.6	108.2	324.2	684.9	335.1
8:07:13	4:36:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.8	120.9	124.6	120.1	77.4	77.6	108.2	324.2	684.9	335.2
8:08:13	4:37:31	29.0	29.1	30.1	77.1	100.0	117.9	118.7	118.3	116.9	118.7	118.5	118.2	116.9	118.3	124.5	120.0	77.3	77.6	108.2	324.2	684.8	335.2
8:09:13	4:38:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	121.3	133.3	124.4	120.0	77.4	77.7	108.2	324.2	684.9	335.1
8:10:13	4:39:31	29.0	29.1	30.1	77.0	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.3	122.5	134.4	124.4	119.8	77.4	77.7	108.3	324.2	684.9	335.1
8:11:13	4:40:31	29.0	29.1	30.1	77.1	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.4	117.3	119.0	124.4	119.8	77.4	77.7	108.3	324.2	684.9	335.2
8:12:13	4:41:31	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	116.1	115.4	124.3	119.8	77.5	77.8	108.3	324.2	684.8	335.2
8:13:13	4:42:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	115.9	115.2	124.3	119.7	77.5	77.7	108.4	324.2	684.8	335.1
8:14:14	4:43:32	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	115.6	115.3	124.2	119.7	77.5	77.7	108.4	324.2	684.8	335.1
8:15:14	4:44:32	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.6	129.0	124.2	119.5	77.5	77.5	108.5	324.2	684.9	335.1
8:16:14	4:45:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.1	117.5	122.2	126.7	119.5	77.5	77.4	108.5	324.2	684.9	335.2
8:17:14	4:46:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	119.2	125.8	129.5	119.5	77.5	77.2	108.6	324.2	684.9	335.2
8:18:14	4:47:32	29.0	29.1	30.1	77.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.3	117.4	120.1	129.1	119.5	77.6	77.0	108.6	324.2	684.8	335.2
8:19:14	4:48:32	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	117.0	121.1	129.0	119.3	77.5	76.9	108.7	324.2	684.8	333.6
8:20:14	4:49:32	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	119.0	125.5	128.9	119.2	77.5	76.8	108.8	324.2	684.9	333.6
8:21:14	4:50:32	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.4	120.1	128.8	119.3	77.6	76.7	108.8	324.2	684.9	333.6
8:22:14	4:51:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	116.6	118.0	128.6	119.2	77.6	76.4	108.9	324.2	684.9	333.6
8:23:15	4:52:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.9	129.1	128.7	119.2	77.6	76.4	109.0	324.2	684.9	333.6
8:24:15	4:53:33	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	118.0	122.0	128.6	119.7	77.7	76.3	109.4	324.2	684.9	333.7
8:25:15	4:54:33	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.7	118.2	116.9	118.8	128.6	122.4	77.7	76.2	109.6	324.2	684.9	333.6
8:26:15	4:55:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.3	117.4	128.5	122.4	77.7	75.9	109.5	324.2	684.8	333.6
8:27:15	4:56:33	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.8	118.6	118.6	118.2	119.2	128.4	128.5	122.3	77.7	75.9	109.6	324.2	684.8	332.2
8:28:15	4:57:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.1	122.9	128.4	122.3	77.7	75.8	109.7	324.2	684.8	332.1
8:29:15	4:58:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	116.8	119.0	128.3	122.3	77.7	75.7	109.7	324.2	684.9	332.2
8:30:15	4:59:33	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.6	129.3	128.2	122.1	77.7	75.7	109.8	324.2	684.9	332.1
8:31:15	5:00:33	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.6	118.6	118.2	118.1	122.7	128.2	122.1	77.7	75.5	109.9	324.2	684.9	332.1
8:32:16	5:01:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	117.8	124.1	128.2	122.0	77.7	75.4	110.0	324.2	684.9	332.1
8:33:16	5:02:34	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	122.4	137.1	127.9	122.0	77.7	75.3	110.1	324.2	684.8	332.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000041

8:34:16	5:03:34	29.0	29.1	30.1	76.6	100.0	118.2	118.8	118.6	117.2	119.0	118.9	118.4	118.9	124.6	127.9	121.9	77.7	75.3	110.2	324.2	684.9	332.3
8:35:16	5:04:34	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.5	117.2	118.9	118.9	118.4	116.2	116.4	127.8	121.8	77.7	75.2	110.2	324.2	684.9	332.1
8:36:16	5:05:34	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.4	115.9	115.5	127.8	121.8	77.7	75.3	110.3	324.2	684.8	332.1
8:37:16	5:06:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	115.8	115.6	127.7	121.7	77.7	75.5	110.3	324.2	684.8	332.1
8:38:16	5:07:34	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	117.8	124.6	127.6	121.7	77.8	75.7	110.3	324.1	684.8	332.1
8:39:16	5:08:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.6	124.4	127.5	121.6	77.9	76.0	110.3	324.1	684.8	332.1
8:40:16	5:09:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.0	119.4	127.5	121.5	77.9	76.4	110.3	324.1	684.9	332.1
8:41:17	5:10:35	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	117.4	122.6	127.4	121.5	78.0	76.7	110.3	324.2	684.8	332.0
8:42:17	5:11:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	118.9	125.1	127.4	121.4	78.1	77.0	110.3	324.2	684.8	332.1
8:43:17	5:12:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.4	120.0	127.3	121.4	78.3	77.2	110.3	324.2	684.9	332.1
8:44:17	5:13:35	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	116.7	118.1	127.3	121.2	78.3	77.4	110.3	324.2	684.9	332.1
8:45:17	5:14:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.6	127.1	127.1	121.2	78.4	77.5	110.3	324.2	684.9	332.1
8:46:17	5:15:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.6	120.7	127.0	121.1	78.4	77.6	110.3	324.2	684.9	332.1
8:47:17	5:16:35	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	118.1	124.4	127.0	121.0	78.5	77.7	110.3	324.2	684.8	332.1
8:48:17	5:17:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	119.2	125.3	127.0	121.0	78.6	77.8	110.2	324.2	684.9	332.1
8:49:17	5:18:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.6	120.2	126.8	121.0	78.6	77.9	110.2	324.2	684.8	332.2
8:50:18	5:19:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.3	121.6	126.7	120.8	78.5	77.8	110.1	324.2	684.8	332.1
8:51:18	5:20:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	120.7	129.9	126.6	120.7	78.5	77.9	110.1	324.2	684.8	332.1
8:52:18	5:21:36	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.8	118.3	118.3	122.2	126.7	120.7	78.6	77.9	110.1	324.2	684.9	332.1
8:53:18	5:22:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.2	116.1	126.6	120.6	78.7	77.9	110.0	324.2	684.9	332.1
8:54:18	5:23:36	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.5	118.2	117.5	122.6	126.4	120.5	78.7	77.9	109.9	324.2	684.8	332.1
8:55:18	5:24:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.8	124.1	126.4	120.4	78.7	77.9	109.9	324.2	684.9	332.1
8:56:18	5:25:36	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.5	118.5	118.1	117.2	119.2	126.3	120.4	78.7	77.9	109.8	324.2	684.9	332.1
8:57:18	5:26:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.1	128.4	126.3	120.3	78.7	78.0	109.9	324.2	684.9	332.1
8:58:18	5:27:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.8	121.3	126.1	120.2	78.7	77.9	109.8	324.2	684.8	332.1
8:59:19	5:28:37	29.0	29.1	30.1	76.6	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	117.0	118.5	126.1	120.1	78.7	77.9	109.7	324.1	684.8	332.1
9:00:19	5:29:37	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	116.5	118.6	126.0	120.0	78.6	77.9	109.7	324.2	684.8	330.6
9:01:19	5:30:37	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	119.3	126.3	126.0	119.8	78.7	77.9	109.6	324.2	684.9	330.6
9:02:19	5:31:37	29.0	29.1	30.1	76.6	100.0	118.0	118.6	118.4	117.0	118.6	118.5	118.2	118.3	125.1	125.8	119.8	78.7	77.9	109.6	324.2	684.9	332.1
9:03:19	5:32:37	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.2	122.7	137.4	125.9	119.8	78.6	77.8	109.5	324.1	684.8	332.1
9:04:19	5:33:37	29.0	29.1	30.1	76.6	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.4	120.3	127.5	125.8	119.7	78.6	77.8	109.5	324.2	684.8	332.1
9:05:19	5:34:37	29.0	29.1	30.1	76.6	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	116.5	116.6	125.8	119.6	78.6	77.7	109.4	324.2	684.8	332.1
9:06:19	5:35:37	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.0	115.2	125.7	119.6	78.6	77.8	109.4	324.2	684.8	330.6
9:07:19	5:36:37	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.9	115.3	125.5	119.5	78.6	77.7	109.3	324.2	684.8	332.1
9:08:20	5:37:38	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	120.3	130.5	125.5	119.5	78.6	77.7	109.3	324.2	684.8	332.2
9:09:20	5:38:38	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.3	118.3	122.7	125.3	119.3	78.6	77.7	109.3	324.2	684.9	330.6
9:10:20	5:39:38	29.0	29.1	30.1	77.2	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	117.1	118.8	125.4	119.3	78.6	77.8	109.3	324.1	684.8	332.2
9:11:20	5:40:38	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.5	117.3	125.4	119.3	78.6	77.7	109.1	324.2	684.8	330.6
9:12:20	5:41:38	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	119.8	129.0	125.3	119.2	78.6	77.7	109.1	324.2	684.9	330.6
9:13:20	5:42:38	29.0	29.1	30.1	77.0	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	118.1	122.1	125.2	119.2	78.6	77.7	109.1	324.1	684.8	330.6
9:14:20	5:43:38	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.0	120.0	125.1	121.8	78.6	77.7	110.7	324.2	684.8	330.6
9:15:20	5:44:38	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.3	125.9	125.0	122.3	78.5	77.7	109.4	324.2	684.9	330.6
9:16:20	5:45:38	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.6	120.3	124.9	122.3	78.5	77.7	109.4	324.2	684.8	330.5
9:17:21	5:46:39	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.6	118.5	118.2	116.8	118.1	124.8	122.2	78.5	77.7	109.3	324.1	684.8	330.6
9:18:21	5:47:39	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	118.6	126.0	124.9	122.1	78.5	77.7	109.3	324.1	684.9	330.7
9:19:21	5:48:39	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.6	123.7	124.8	122.0	78.5	77.7	109.3	324.2	684.8	330.6
9:20:21	5:49:39	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.2	119.4	124.7	122.0	78.5	77.7	109.2	324.2	684.8	330.6
9:21:21	5:50:39	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.5	122.6	124.7	121.9	78.4	77.7	109.3	324.1	684.9	330.6
9:22:21	5:51:39	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.9	124.7	124.6	121.9	78.5	77.6	109.2	324.1	684.8	330.6
9:23:21	5:52:39	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.3	121.1	124.6	121.7	78.3	77.6	109.2	324.1	684.9	330.6
9:24:21	5:53:39	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.8	118.7	118.3	120.1	128.0	124.5	121.7	78.3	77.6	109.2	324.1	684.8	330.6
9:25:21	5:54:39	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.0	121.2	124.5	121.7	78.3	77.5	109.2	324.2	684.8	330.6
9:26:22	5:55:39	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.2	118.7	124.3	121.6	78.3	77.5	109.2	324.1	684.8	330.6
9:27:22	5:56:40	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.3	116.6	117.4	124.3	121.4	78.2	77.5	109.1	324.2	684.9	330.6
9:28:22	5:57:40	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.1	116.8	120.5	124.3	121.4	78.3	77.4	109.0	324.2	684.8	330.6
9:29:22	5:58:40	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	119.2	125.7	124.2	121.3	78.2	77.4	109.1	324.2	684.9	330.6
9:30:22	5:59:40	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.3	120.0	124.1	121.2	78.2	77.4	109.0	324.1	684.9	330.6
9:31:22	6:00:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.7	119.2	124.1	121.2	78.2	77.4	109.0	324.1	684.8	330.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000042

9:32:22	6:01:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.4	126.4	129.1	121.1	78.1	77.3	108.9	324.2	684.8	330.6
9:33:22	6:02:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.5	120.4	129.1	121.1	78.1	77.3	108.9	324.2	684.8	330.6
9:34:22	6:03:40	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.2	116.8	118.1	128.8	121.1	78.1	77.3	108.8	324.2	684.8	330.6
9:35:23	6:04:41	29.0	29.1	30.1	77.5	100.0	117.8	118.3	118.2	116.8	118.5	118.6	118.1	117.7	123.5	128.6	121.0	78.0	77.2	108.8	324.2	684.8	330.6
9:36:23	6:05:41	29.0	29.1	30.1	76.9	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.8	124.7	128.5	120.8	77.9	77.2	108.7	324.2	684.9	330.6
9:37:23	6:06:41	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	118.9	127.2	128.6	120.8	78.0	77.2	108.8	324.2	684.8	331.0
9:38:23	6:07:41	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	123.0	138.1	128.6	120.7	77.9	77.2	108.8	324.2	684.8	330.6
9:39:23	6:08:41	29.0	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	119.0	124.6	128.4	120.6	77.8	77.1	108.7	324.1	684.8	330.7
9:40:23	6:09:41	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.6	117.2	118.9	118.8	118.4	116.3	116.2	128.3	120.6	77.9	77.1	108.7	324.1	684.9	330.7
9:41:23	6:10:41	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	115.9	115.2	128.4	120.5	77.8	77.1	108.7	324.1	684.9	330.6
9:42:23	6:11:41	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.3	115.7	115.2	128.3	120.4	77.8	77.1	108.6	324.1	684.8	330.6
9:43:23	6:12:41	29.0	29.1	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.2	128.2	128.2	120.4	77.8	77.0	108.5	324.1	684.9	329.1
9:44:24	6:13:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.0	122.4	128.2	120.3	77.7	77.0	108.6	324.1	684.8	329.1
9:45:24	6:14:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.7	119.9	128.1	120.2	77.7	77.0	108.5	324.1	684.9	329.2
9:46:24	6:15:42	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	119.2	126.2	128.0	120.1	77.6	76.9	108.4	324.2	684.8	329.1
9:47:24	6:16:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.4	120.2	127.9	120.1	77.6	76.9	108.4	324.1	684.8	329.1
9:48:24	6:17:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.0	127.3	127.9	120.0	77.6	77.0	108.4	324.1	684.8	329.1
9:49:24	6:18:42	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	123.1	127.8	119.8	77.6	76.9	108.4	324.1	684.9	329.1
9:50:24	6:19:42	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.1	119.1	127.8	119.8	77.5	76.9	108.4	324.1	684.8	329.2
9:51:24	6:20:42	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.0	118.7	118.5	118.2	120.5	131.3	127.6	119.8	77.5	76.9	108.3	324.1	684.8	329.2
9:52:24	6:21:42	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	123.4	138.2	127.5	119.7	77.5	76.9	108.3	324.1	684.8	329.1
9:53:25	6:22:43	29.0	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	118.1	121.5	127.4	119.6	77.4	76.9	108.3	324.2	684.8	329.1
9:54:25	6:23:43	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.9	118.4	116.2	115.7	127.4	119.6	77.4	76.9	108.3	324.2	684.9	329.1
9:55:25	6:24:43	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.3	115.9	115.1	127.3	119.5	77.4	76.9	108.2	324.1	684.8	329.1
9:56:25	6:25:43	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.3	115.7	115.2	127.2	119.3	77.4	76.9	108.2	324.2	684.9	329.1
9:57:25	6:26:43	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.8	129.1	127.1	119.3	77.4	76.9	108.1	324.1	684.9	329.1
9:58:25	6:27:43	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.7	121.5	127.1	119.3	77.3	76.8	108.1	324.1	684.8	329.2
9:59:25	6:28:43	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	118.3	126.0	127.0	119.2	77.2	76.9	108.1	324.1	684.8	329.1
10:00:25	6:29:43	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	122.5	137.3	127.0	119.1	77.2	76.9	108.1	324.1	684.9	329.1
10:01:25	6:30:43	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.8	118.5	122.1	132.9	127.0	119.1	77.3	76.9	108.1	324.1	684.9	329.2
10:02:26	6:31:44	29.0	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	119.0	118.6	117.2	118.4	126.8	122.4	77.3	76.9	108.6	324.1	684.9	329.2
10:03:26	6:32:44	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.5	116.1	115.3	126.8	122.3	77.2	76.9	108.4	324.1	684.8	329.2
10:04:26	6:33:44	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.8	118.7	118.4	115.9	115.2	126.7	122.3	77.2	76.9	108.4	324.1	684.8	329.0
10:05:26	6:34:44	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	115.7	115.3	126.6	122.2	77.2	76.9	108.4	324.1	684.9	329.1
10:06:26	6:35:44	29.0	29.1	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.7	124.1	126.4	122.1	77.2	76.8	108.3	324.1	684.9	329.1
10:07:26	6:36:44	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.3	118.4	124.3	126.5	122.0	77.2	76.9	108.3	324.1	684.8	329.1
10:08:26	6:37:44	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.9	119.1	126.3	122.0	77.2	76.8	108.2	324.1	684.8	329.1
10:09:26	6:38:44	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.9	130.6	126.3	121.8	77.1	76.8	108.3	324.1	684.9	329.2
10:10:27	6:39:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.7	124.1	126.3	121.7	77.1	76.8	108.3	324.1	684.9	329.1
10:11:27	6:40:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.3	119.6	126.2	121.7	77.2	76.8	108.2	324.1	684.9	329.1
10:12:27	6:41:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	116.6	117.7	126.1	121.7	77.2	76.9	108.3	324.1	684.9	327.6
10:13:27	6:42:45	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.9	129.7	126.0	121.6	77.1	76.8	108.2	324.2	684.9	327.6
10:14:27	6:43:45	28.9	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.1	122.5	126.0	121.5	77.1	76.9	108.2	324.2	684.8	327.6
10:15:27	6:44:45	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	116.9	119.2	125.9	121.4	77.0	76.9	108.2	324.2	684.8	327.6
10:16:27	6:45:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.3	128.9	125.8	121.4	77.1	76.9	108.2	324.1	684.8	327.6
10:17:27	6:46:45	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.0	121.5	125.8	121.3	77.1	76.8	108.2	324.2	684.9	327.6
10:18:27	6:47:45	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.1	118.7	125.7	121.2	77.1	76.9	108.2	324.2	684.9	327.6
10:19:28	6:48:46	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.3	116.5	117.3	125.6	121.1	77.0	76.9	108.2	324.2	684.8	327.7
10:20:28	6:49:46	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	120.8	132.4	125.5	121.1	77.0	76.9	108.2	324.1	684.8	327.6
10:21:28	6:50:46	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	123.2	137.6	125.5	121.0	77.0	76.9	108.2	324.2	684.9	327.6
10:22:28	6:51:46	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	117.8	120.8	125.4	121.0	77.0	76.9	108.2	324.1	684.8	327.7
10:23:28	6:52:46	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.6	125.4	120.8	77.0	76.9	108.2	324.2	684.8	327.6
10:24:28	6:53:46	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.4	115.9	115.1	125.2	120.8	77.0	76.9	108.1	324.2	684.8	327.6
10:25:28	6:54:46	28.9	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.3	115.7	115.2	125.3	120.8	77.0	76.9	108.1	324.1	684.8	327.6
10:26:28	6:55:46	28.9	29.1	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	118.1	125.2	125.3	120.7	77.0	77.0	108.1	324.2	684.9	327.6
10:27:29	6:56:47	28.9	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.3	123.8	125.1	120.5	77.0	76.9	108.1	324.2	684.9	327.6
10:28:29	6:57:47	28.9	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.7	132.6	125.0	120.5	77.0	77.0	108.1	324.1	684.8	327.6
10:29:29	6:58:47	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	123.6	139.8	125.0	120.5	77.0	77.0	108.1	324.2	684.8	327.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000043

10:30:29	6:59:47	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.7	123.3	124.9	120.3	77.0	77.0	108.1	324.2	684.8	327.7
10:31:29	7:00:47	29.0	29.1	30.1	77.1	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	116.3	115.9	124.9	120.3	77.0	77.0	108.1	324.2	684.9	327.6
10:32:29	7:01:47	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.2	124.9	120.2	77.0	77.1	108.1	324.1	684.9	327.6
10:33:29	7:02:47	28.9	29.0	30.1	77.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.3	124.7	120.2	77.1	77.1	108.1	324.1	684.9	327.6
10:34:29	7:03:47	28.9	29.0	30.1	77.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	115.6	117.1	124.7	120.1	77.0	77.0	108.0	324.1	684.8	327.6
10:35:29	7:04:47	28.9	29.0	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.4	127.1	124.7	120.1	77.1	77.1	108.0	324.1	684.8	327.6
10:36:30	7:05:48	28.9	29.0	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.2	120.1	124.4	119.8	77.0	77.1	107.9	324.1	684.8	327.6
10:37:30	7:06:48	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.6	123.6	124.4	119.8	77.0	77.1	107.9	324.1	684.8	327.6
10:38:30	7:07:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.7	124.6	124.3	119.8	77.0	77.2	108.0	324.1	684.8	327.6
10:39:30	7:08:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.1	119.6	124.2	119.8	77.0	77.3	108.0	324.2	684.8	327.6
10:40:30	7:09:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.2	125.1	124.2	119.6	77.0	77.3	107.9	324.1	684.9	327.6
10:41:30	7:10:48	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	119.8	127.3	124.1	119.6	77.1	77.3	107.9	324.1	684.8	327.6
10:42:30	7:11:48	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.8	120.9	128.1	119.6	77.1	77.4	108.0	324.1	684.9	327.6
10:43:30	7:12:48	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	116.9	118.4	129.5	119.5	77.1	77.4	108.0	324.1	684.8	327.6
10:44:30	7:13:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	116.9	120.4	129.0	119.5	77.1	77.4	107.9	324.1	684.8	327.6
10:45:31	7:14:49	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	121.0	131.6	128.8	119.3	77.1	77.4	107.9	324.1	684.9	327.6
10:46:31	7:15:49	29.0	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.3	118.3	122.7	128.7	119.3	77.1	77.5	107.9	324.1	684.8	327.7
10:47:31	7:16:49	28.9	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.1	116.1	128.7	119.3	77.1	77.5	107.9	324.1	684.8	327.6
10:48:31	7:17:49	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.6	115.1	128.8	119.1	77.1	77.5	108.0	324.1	684.9	327.6
10:49:31	7:18:49	28.9	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	119.8	128.8	128.6	119.2	77.2	77.5	107.9	324.1	684.9	327.6
10:50:31	7:19:49	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	117.7	123.1	128.6	122.4	77.1	77.5	108.5	324.2	684.8	326.1
10:51:31	7:20:49	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	122.2	136.3	128.5	122.4	77.2	77.5	108.3	324.1	684.8	327.7
10:52:31	7:21:49	28.9	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.5	120.5	128.7	128.4	122.4	77.2	77.5	108.4	324.1	684.9	327.6
10:53:31	7:22:49	28.9	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.8	118.5	116.5	116.9	128.4	122.3	77.2	77.5	108.4	324.1	684.9	326.1
10:54:32	7:23:50	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.7	118.4	115.9	115.2	128.3	122.2	77.2	77.5	108.4	324.1	684.9	326.1
10:55:32	7:24:50	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.7	115.1	128.2	122.1	77.2	77.5	108.4	324.1	684.9	325.9
10:56:32	7:25:50	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.0	124.6	128.1	122.1	77.2	77.5	108.4	324.1	684.8	326.1
10:57:32	7:26:50	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.3	123.8	128.0	122.0	77.2	77.5	108.3	324.1	684.8	326.1
10:58:32	7:27:50	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.9	119.0	127.9	121.9	77.3	77.5	108.4	324.1	684.9	326.1
10:59:32	7:28:50	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	121.3	133.8	127.8	121.9	77.3	77.5	108.4	324.1	684.8	326.1
11:00:32	7:29:50	28.9	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.7	118.4	122.8	135.7	127.8	121.8	77.3	77.6	108.4	324.2	684.9	326.1
11:01:32	7:30:50	28.9	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.8	118.5	117.4	119.5	127.7	121.7	77.3	77.6	108.4	324.1	684.8	326.1
11:02:32	7:31:50	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.4	127.6	121.7	77.3	77.6	108.4	324.1	684.8	325.8
11:03:33	7:32:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.1	127.5	121.5	77.3	77.7	108.4	324.2	684.8	326.1
11:04:33	7:33:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.6	115.2	127.4	121.4	77.3	77.6	108.4	324.1	684.8	326.1
11:05:33	7:34:51	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	119.6	129.5	127.4	121.4	77.3	77.6	108.3	324.1	684.8	326.1
11:06:33	7:35:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.5	118.2	118.0	122.5	127.2	121.4	77.4	77.5	108.3	324.1	684.9	326.1
11:07:33	7:36:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.3	116.8	118.6	127.3	121.3	77.4	77.7	108.4	324.1	684.8	326.1
11:08:33	7:37:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	120.0	129.1	127.2	121.2	77.4	77.6	108.4	324.1	684.8	326.1
11:09:33	7:38:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	117.8	121.5	127.1	121.1	77.4	77.6	108.3	324.1	684.9	326.1
11:10:33	7:39:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.8	118.4	127.0	121.1	77.4	77.6	108.3	324.1	684.8	326.1
11:11:33	7:40:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	120.3	129.7	126.9	121.0	77.4	77.6	108.4	324.1	684.9	326.1
11:12:34	7:41:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.0	121.9	126.8	120.9	77.4	77.6	108.3	324.1	684.8	326.1
11:13:34	7:42:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	117.0	118.7	126.8	120.8	77.4	77.6	108.3	324.1	684.8	326.1
11:14:34	7:43:52	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.7	126.1	126.7	120.7	77.4	77.6	108.3	324.1	684.9	326.1
11:15:34	7:44:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	118.7	123.8	126.6	120.7	77.4	77.6	108.3	324.1	684.9	324.6
11:16:34	7:45:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.2	119.4	126.6	120.6	77.4	77.6	108.3	324.1	684.9	326.1
11:17:34	7:46:52	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.6	117.6	126.5	120.5	77.4	77.7	108.3	324.1	684.8	324.6
11:18:34	7:47:52	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	119.9	128.9	126.4	120.4	77.4	77.6	108.3	324.1	684.9	324.6
11:19:34	7:48:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	117.8	121.6	126.2	120.4	77.4	77.6	108.2	324.1	684.8	324.6
11:20:35	7:49:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.3	125.0	126.2	120.3	77.4	77.7	108.3	324.1	684.9	324.6
11:21:35	7:50:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.8	124.2	126.3	120.2	77.4	77.7	108.3	324.1	684.8	324.6
11:22:35	7:51:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.3	119.6	126.1	120.1	77.4	77.6	108.2	324.1	684.8	324.6
11:23:35	7:52:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.1	116.7	118.2	126.0	120.1	77.4	77.6	108.2	324.1	684.8	324.6
11:24:35	7:53:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	119.6	126.8	125.9	120.0	77.4	77.7	108.2	324.1	684.9	324.6
11:25:35	7:54:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	117.7	122.2	125.8	119.8	77.4	77.7	108.2	324.1	684.8	324.6
11:26:35	7:55:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	122.3	136.3	125.8	119.8	77.5	77.7	108.2	324.1	684.9	324.6
11:27:35	7:56:53	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.0	118.8	118.4	120.3	128.0	125.8	119.8	77.4	77.7	108.2	324.1	684.8	324.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000044

11:28:35	7:57:53	28.9	29.0	30.1	78.0	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.4	116.6	116.8	125.7	119.7	77.4	77.7	108.3	324.1	684.9	324.6
11:29:36	7:58:54	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.4	116.0	115.3	125.7	119.6	77.4	77.7	108.2	324.1	684.8	324.6
11:30:36	7:59:54	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.9	115.3	125.6	119.6	77.4	77.8	108.2	324.1	684.8	324.6
11:31:36	8:00:54	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	117.5	123.0	125.5	119.5	77.5	77.7	108.2	324.1	684.8	324.6
11:32:36	8:01:54	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	121.9	136.0	125.5	119.5	77.5	77.8	108.2	324.1	684.9	324.6
11:33:36	8:02:54	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.4	117.2	119.0	118.8	118.5	122.5	135.0	125.4	119.3	77.5	77.9	108.3	324.1	684.8	324.5
11:34:36	8:03:54	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.5	117.3	119.1	125.3	119.3	77.5	77.9	108.3	324.1	684.8	324.6
11:35:36	8:04:54	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.0	115.3	125.2	119.2	77.5	77.9	108.3	324.1	684.8	324.6
11:36:36	8:05:54	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	125.2	119.2	77.6	77.9	108.3	324.1	684.8	324.6
11:37:36	8:06:54	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.2	125.1	119.1	77.5	78.0	108.2	324.1	684.9	324.6
11:38:37	8:07:55	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.6	118.5	118.2	120.3	131.8	125.1	122.1	77.6	78.1	109.5	324.1	684.8	324.6
11:39:37	8:08:55	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.7	118.4	122.8	136.8	125.0	122.2	77.6	78.1	108.7	324.1	684.9	324.6
11:40:37	8:09:55	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	117.6	120.3	124.9	122.2	77.7	78.1	108.7	324.1	684.9	324.4
11:41:37	8:10:55	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.4	124.8	122.1	77.7	78.2	108.7	324.1	684.8	324.6
11:42:37	8:11:55	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	115.7	115.1	124.7	122.1	77.7	78.2	108.6	324.1	684.9	324.6
11:43:37	8:12:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	115.6	115.1	124.6	122.0	77.7	78.3	108.6	324.1	684.8	324.6
11:44:37	8:13:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.4	129.0	124.6	121.9	77.7	78.3	108.7	324.1	684.8	324.6
11:45:37	8:14:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.8	122.4	124.6	121.9	77.7	78.3	108.7	324.1	684.8	324.6
11:46:37	8:15:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	119.6	124.6	121.8	77.7	78.3	108.7	324.1	684.8	324.6
11:47:38	8:16:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.3	126.3	124.4	121.7	77.8	78.3	108.7	324.1	684.8	324.6
11:48:38	8:17:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	117.6	122.3	124.4	121.6	77.7	78.3	108.7	324.1	684.8	324.6
11:49:38	8:18:56	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.2	136.3	124.3	121.6	77.9	78.3	108.8	324.1	684.8	324.6
11:50:38	8:19:56	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.5	119.9	127.0	124.2	121.5	77.8	78.3	108.7	324.1	684.8	324.6
11:51:38	8:20:56	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	116.4	116.6	124.2	121.4	77.8	78.3	108.7	324.1	684.9	324.6
11:52:38	8:21:56	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.2	124.1	121.4	77.8	78.3	108.7	324.1	684.8	324.6
11:53:38	8:22:56	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.8	115.3	125.6	121.3	77.9	78.3	108.7	324.1	684.8	324.6
11:54:38	8:23:56	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.5	118.5	118.2	117.8	124.4	129.2	121.2	77.8	78.2	108.7	324.1	684.8	323.1
11:55:38	8:24:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.4	124.1	128.8	121.1	77.8	78.3	108.7	324.1	684.9	323.0
11:56:38	8:25:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	119.1	128.8	121.1	77.9	78.2	108.7	324.1	684.8	323.1
11:57:39	8:26:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	117.2	128.7	121.0	77.9	78.2	108.7	324.1	684.8	323.0
11:58:39	8:27:57	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	119.8	129.1	128.6	120.9	77.9	78.3	108.7	324.1	684.8	323.1
11:59:39	8:28:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.8	121.8	128.4	120.8	77.9	78.3	108.7	324.1	684.8	323.1
12:00:39	8:29:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	128.2	128.5	120.8	77.9	78.3	108.7	324.1	684.8	323.1
12:01:39	8:30:57	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	123.0	138.5	128.5	120.7	77.9	78.3	108.7	324.1	684.8	323.1
12:02:39	8:31:57	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.6	121.2	130.4	128.5	120.7	77.9	78.3	108.8	324.1	684.8	323.0
12:03:39	8:32:57	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.4	119.1	118.9	118.6	116.9	117.6	128.4	120.6	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:06:26																			
12:04:04	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.6	116.4	116.1	128.4	120.5	77.9	78.3	108.8	324.1	684.8	323.0
	EMISSION SYSTEM BYPASS ALARM				06/05/2015 15:06:26																			
12:04:04	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.6	116.4	116.1	128.4	120.5	77.9	78.3	108.8	324.1	684.8	323.1
12:04:39	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.2	115.4	128.4	120.5	77.9	78.4	108.8	324.1	684.8	323.1
	ALARM SILENCED (CMAPPA)				06/05/2015 15:07:08																			
12:04:47	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.3	128.3	120.5	77.9	78.3	108.7	324.1	684.9	323.1
12:05:39	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	116.0	115.4	128.1	120.4	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:08:03																			
12:05:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.6	118.4	116.0	115.4	128.1	120.4	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:08:03																			
12:05:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.6	118.4	116.0	115.4	128.1	120.4	78.0	78.3	108.7	324.1	684.8	323.1
12:06:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.8	115.5	128.1	120.4	78.0	78.3	108.7	324.1	684.9	323.0
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:09:16																			
12:06:56	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.5	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:09:17																			
12:06:56	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.5	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.1
12:07:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.1	125.2	128.1	120.3	78.0	78.3	108.6	324.1	684.8	323.0
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:10:06																			
12:07:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.6	126.7	128.1	120.3	77.9	78.3	108.7	324.1	684.9	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:10:06																			
12:07:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.6	126.8	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000045

12:08:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.7	118.5	118.3	118.6	124.3	128.0	120.2	78.0	78.3	108.6	324.1	684.8	323.1
12:09:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.9	119.1	127.9	120.1	77.9	78.3	108.6	324.1	684.9	323.0
12:10:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	117.3	128.0	120.1	78.0	78.3	108.6	324.1	684.8	323.1
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:13:39																		
12:11:18	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	118.9	127.4	127.8	120.1	77.9	78.3	108.6	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:13:39																		
12:11:18	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.5	118.5	118.2	118.9	127.4	127.8	120.1	77.9	78.3	108.6	324.1	684.8	323.1
12:11:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	119.8	128.2	127.7	120.0	77.9	78.3	108.7	324.1	684.8	323.1
12:12:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.1	124.6	127.6	119.8	77.9	78.2	108.6	324.1	684.9	323.0
12:13:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.6	118.3	122.5	137.1	127.6	119.8	77.9	78.2	108.6	324.1	684.9	323.1
12:14:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	120.3	128.2	127.4	119.8	77.9	78.1	108.6	324.1	684.9	323.1
12:15:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.5	116.8	127.4	119.8	77.9	78.1	108.5	324.1	684.8	323.1
12:16:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.2	127.4	119.6	77.9	78.1	108.6	324.1	684.8	323.1
12:17:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.6	118.6	118.3	115.8	115.2	127.3	119.6	77.9	78.1	108.6	324.1	684.8	321.5
12:18:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.5	118.4	118.2	116.3	119.8	127.1	119.5	77.9	78.0	108.4	324.1	684.8	321.6
12:19:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.2	126.2	127.1	119.5	77.9	78.1	108.5	324.1	684.8	321.5
12:20:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.2	119.9	127.0	119.3	77.9	78.0	108.4	324.1	684.8	321.6
12:21:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	118.9	127.5	127.0	119.3	77.9	78.0	108.5	324.1	684.8	321.6
12:22:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	118.3	123.2	126.9	119.2	77.9	78.0	108.4	324.1	684.8	321.6
12:23:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	119.0	126.9	119.2	77.8	78.0	108.4	324.1	684.9	321.6
12:24:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.3	116.4	118.6	126.7	119.0	77.8	78.0	108.4	324.1	684.8	321.4
12:25:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.4	126.6	126.8	122.3	77.8	78.1	109.0	324.1	684.9	321.6
12:26:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.5	120.4	126.7	122.3	77.8	77.9	108.7	324.1	684.8	321.6
12:27:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	125.6	126.5	122.3	77.8	77.9	108.7	324.1	684.8	321.6
12:28:42	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.8	118.6	118.3	118.8	124.2	126.5	122.2	77.8	77.9	108.7	324.1	684.8	321.5
12:29:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.2	119.5	126.4	122.1	77.7	77.9	108.7	324.1	684.8	321.6
	CYCLE RESUMED (egnon)				06/05/2015 15:33:00																		
12:30:38	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	117.9	126.3	122.1	77.8	77.9	108.7	324.1	684.8	321.6
	CYCLE PAUSED (egnon)				06/05/2015 15:33:00																		
12:30:38	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	117.8	126.3	122.1	77.8	77.9	108.7	324.1	684.8	321.6
12:30:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.6	117.8	126.3	122.1	77.8	77.8	108.7	324.1	684.8	321.5
12:31:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.6	128.9	126.4	122.0	77.8	77.9	108.7	324.1	684.8	321.6
12:32:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.5	118.3	118.1	122.4	126.3	121.9	77.7	77.8	108.7	324.1	684.9	321.6
12:33:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.0	118.8	126.2	121.9	77.7	77.8	108.7	324.1	684.8	321.6
12:34:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.2	120.4	130.4	126.2	121.8	77.7	77.8	108.7	324.1	684.9	321.6
12:35:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.2	122.5	126.2	121.6	77.6	77.8	108.7	324.1	684.8	321.6
12:36:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	117.1	119.0	126.1	121.6	77.7	77.7	108.6	324.1	684.9	321.6
12:37:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.6	119.5	125.9	121.5	77.6	77.6	108.6	324.1	684.9	321.5
12:38:42	8:33:22	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	121.7	135.2	125.9	121.5	77.7	77.6	108.6	324.1	684.8	320.0
12:39:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	122.1	133.6	125.9	121.4	77.7	77.6	108.6	324.1	684.9	320.0
12:40:43	8:33:22	28.9	29.0	30.1	77.9	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.5	117.2	118.6	125.7	121.4	77.7	77.5	108.6	324.1	684.8	321.5
12:41:43	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.0	115.3	125.7	121.2	77.6	77.5	108.6	324.1	684.8	320.0
12:42:44	8:33:22	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	125.7	121.2	77.6	77.5	108.6	324.1	684.8	320.1
12:43:44	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.3	125.5	121.1	77.6	77.5	108.5	324.1	684.9	321.6
12:44:44	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.7	121.3	125.5	121.0	77.5	77.5	108.5	324.1	684.8	320.1
12:45:44	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.9	126.0	125.5	121.0	77.6	77.5	108.5	324.1	684.9	320.1
12:46:44	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.4	123.0	125.4	120.9	77.5	77.5	108.5	324.1	684.9	320.0
12:47:44	8:33:22	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	120.3	129.5	125.3	120.9	77.5	77.5	108.5	324.1	684.9	320.0
12:48:44	8:33:22	28.9	29.0	30.1	77.9	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.4	117.8	121.3	125.4	120.8	77.5	77.5	108.5	324.1	684.9	320.1
12:49:44	8:33:22	28.9	29.0	30.1	78.0	100.0	118.0	118.6	118.3	117.1	118.8	118.6	118.3	115.1	113.5	125.3	120.7	77.5	77.4	108.5	324.1	684.9	320.1
12:50:44	8:33:22	28.9	29.0	30.1	77.9	100.0	117.8	118.3	118.1	116.9	118.6	118.5	118.2	113.9	113.8	125.1	120.6	77.5	77.4	108.4	324.1	684.9	320.0
12:51:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	119.6	129.7	125.1	120.6	77.5	77.4	108.4	324.1	684.9	320.0
12:52:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.2	118.3	126.9	125.0	120.5	77.5	77.4	108.4	324.1	684.8	320.0
12:53:45	8:33:22	28.9	29.0	30.1	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	123.8	124.9	120.5	77.5	77.4	108.4	324.1	684.8	320.1
12:54:45	8:33:22	28.9	29.0	30.1	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.7	123.7	124.9	120.4	77.5	77.5	108.4	324.1	684.9	320.1
12:55:45	8:33:22	28.9	29.0	30.1	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	122.2	136.5	124.8	120.3	77.5	77.4	108.4	324.1	684.9	320.1
12:56:45	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	120.1	127.6	124.8	120.2	77.5	77.5	108.4	324.1	684.9	320.1
12:57:45	8:33:22	28.9	29.0	30.1	77.9	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.5	116.4	116.6	124.8	120.2	77.5	77.5	108.4	324.1	684.8	320.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000046

12:58:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.1	124.6	120.2	77.5	77.5	108.3	324.1	684.9	320.0
12:59:45	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.1	124.5	120.1	77.5	77.5	108.3	324.1	684.8	320.1
13:00:46	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	118.4	126.3	124.4	120.0	77.5	77.5	108.3	324.1	684.9	320.1
13:01:46	8:33:22	28.9	29.0	30.0	78.0	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.2	137.1	124.4	119.8	77.5	77.5	108.2	324.1	684.9	320.1
13:02:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	120.3	128.4	124.3	119.8	77.5	77.5	108.3	324.1	684.9	320.0
13:03:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.3	116.9	124.4	119.8	77.5	77.5	108.3	324.1	684.9	320.0
13:04:46	8:33:22	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.5	115.8	115.2	124.2	119.7	77.5	77.5	108.3	324.1	684.9	320.1
13:05:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.4	115.6	115.1	124.2	119.6	77.4	77.5	108.2	324.1	684.8	320.1
13:06:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	116.0	118.9	124.1	119.5	77.4	77.5	108.2	324.1	684.8	320.0
13:07:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.2	126.7	124.1	119.5	77.5	77.6	108.2	324.1	684.9	320.1
	EMISSION SYSTEM BYPASS ALARM RESET						06/05/2015 16:10:48																
13:08:26	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.6	121.5	124.0	119.5	77.5	77.6	108.2	324.1	684.9	320.0
13:09:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	117.1	119.9	126.5	119.5	77.5	77.6	108.2	324.1	684.9	320.0
13:09:47	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.4	118.2	117.2	122.5	129.2	119.3	77.4	77.6	108.1	324.1	684.9	320.0
13:10:47	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.9	125.3	129.2	119.3	77.5	77.7	108.2	324.1	684.9	320.0
13:11:47	8:33:22	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.2	119.7	129.0	119.3	77.5	77.7	108.1	324.1	684.9	320.1
13:12:47	8:33:22	28.9	29.0	30.0	78.0	100.0	117.9	118.7	118.2	117.0	118.7	118.6	118.3	120.8	131.8	128.9	119.2	77.5	77.7	108.1	324.1	684.9	320.1
13:13:47	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.8	118.3	117.1	118.8	118.7	118.4	118.4	123.1	128.8	119.1	77.5	77.7	108.1	324.1	684.9	320.0
13:14:47	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.4	116.6	117.3	128.7	119.3	77.5	77.8	108.2	324.1	684.9	320.0
	CYCLE RESUMED (egnon)				06/05/2015 16:17:46																		
13:15:25	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	115.9	115.7	128.8	122.3	77.5	77.8	109.0	324.1	684.8	320.1
13:15:47	8:33:44	28.9	29.0	30.0	78.0	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.7	115.3	128.8	122.4	77.5	77.7	108.5	324.1	684.9	320.1
13:16:47	8:34:45	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	117.2	122.4	128.7	122.3	77.5	77.8	108.4	324.1	684.8	320.1
13:17:48	8:35:45	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.8	125.2	128.7	122.3	77.5	77.8	108.4	324.1	684.8	320.1
13:18:48	8:36:45	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.0	124.5	128.7	122.3	77.6	77.9	108.5	324.1	684.8	320.0
13:19:48	8:37:45	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.4	136.9	128.6	122.2	77.6	77.9	108.5	324.1	684.9	320.1
13:20:48	8:38:45	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.5	121.0	130.3	128.5	122.1	77.5	77.9	108.5	324.1	684.9	320.0
13:21:48	8:39:45	28.9	29.0	30.0	78.0	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	116.6	117.3	128.5	122.0	77.5	77.9	108.5	324.1	684.9	320.1
13:22:48	8:40:45	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.5	116.0	115.2	128.4	122.0	77.6	77.9	108.5	324.1	684.9	320.0
13:23:48	8:41:45	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.8	115.2	128.3	121.9	77.5	77.9	108.5	324.1	684.9	320.1
13:24:48	8:42:45	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	115.6	115.2	128.2	121.7	77.5	77.9	108.5	324.1	684.9	320.0
13:25:48	8:43:46	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.1	117.0	118.5	118.4	118.2	118.3	126.4	128.1	121.7	77.5	77.8	108.4	324.1	684.9	320.1
13:26:48	8:44:46	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	123.5	127.9	121.6	77.5	77.8	108.5	324.1	684.8	318.6
13:27:49	8:45:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.8	118.9	127.9	121.6	77.6	77.9	108.4	324.1	684.9	318.6
13:28:49	8:46:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.5	118.4	118.2	119.6	129.0	127.8	121.5	77.5	77.8	108.5	324.1	684.9	318.6
13:29:49	8:47:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	118.0	122.2	127.8	121.4	77.6	77.9	108.5	324.1	684.8	318.6
13:30:49	8:48:46	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	121.8	135.1	127.6	121.4	77.6	77.9	108.5	324.1	684.9	320.0
13:31:49	8:49:46	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	122.1	133.2	127.6	121.2	77.5	77.9	108.5	324.1	684.9	318.6
13:32:49	8:50:46	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	117.2	118.5	127.5	121.1	77.5	77.9	108.5	324.1	684.8	318.6
13:33:49	8:51:46	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.1	115.3	127.4	121.1	77.6	77.9	108.4	324.1	684.9	318.6
13:34:49	8:52:47	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	127.5	121.1	77.6	77.9	108.5	324.1	684.9	318.6
13:35:49	8:53:47	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.6	118.5	118.3	115.7	115.3	127.4	121.0	77.7	77.9	108.4	324.1	684.8	318.6
13:36:50	8:54:47	28.9	29.0	30.0	78.0	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.0	122.0	127.2	120.9	77.6	77.9	108.4	324.1	684.8	318.5
13:37:50	8:55:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.3	118.9	125.6	127.2	120.8	77.7	78.0	108.5	324.1	684.8	318.6
13:38:50	8:56:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.0	119.6	127.0	120.8	77.6	77.9	108.4	324.1	684.8	318.5
13:39:50	8:57:47	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.1	125.0	127.0	120.7	77.6	77.9	108.4	324.1	684.8	318.5
13:40:50	8:58:47	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.3	126.4	127.0	120.7	77.6	77.9	108.4	324.1	684.8	318.5
13:41:50	8:59:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.4	120.3	127.0	120.5	77.6	77.9	108.4	324.1	684.8	318.5
13:42:50	9:00:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.6	117.9	126.9	120.5	77.6	77.9	108.4	324.1	684.8	318.5
13:43:50	9:01:48	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.1	121.8	126.7	120.4	77.6	77.8	108.3	324.1	684.8	318.6
13:44:51	9:02:48	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.0	125.6	126.7	120.3	77.6	77.9	108.3	324.1	684.8	318.6
13:45:51	9:03:48	28.9	29.0	30.0	77.5	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	117.2	119.9	126.7	120.2	77.6	77.9	108.3	324.1	684.8	318.5
13:46:51	9:04:48	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.7	123.7	126.6	120.2	77.6	77.9	108.3	324.1	684.9	318.6
13:47:51	9:05:48	28.9	29.0	30.0	77.9	100.0	117.9	118.7	118.2	117.0	118.8	118.6	118.3	122.2	136.7	126.4	120.1	77.6	77.9	108.3	324.1	684.9	318.6
13:48:51	9:06:48	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	121.8	132.5	126.3	120.1	77.7	77.9	108.3	324.1	684.8	318.5
13:49:51	9:07:48	28.9	29.0	30.0	77.9	100.0	118.3	119.1	118.6	117.4	119.1	118.8	118.5	117.0	118.2	126.3	120.0	77.6	77.8	108.3	324.1	684.9	318.5
13:50:51	9:08:48	28.9	29.0	30.0	78.0	100.0	118.2	118.8	118.5	117.3	118.9	118.7	118.5	116.1	115.4	126.4	120.0	77.7	77.9	108.3	324.1	684.9	318.6
13:51:51	9:09:48	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.3	126.2	119.8	77.6	77.9	108.2	324.1	684.8	318.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000047

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

13:52:51	9:10:49	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.7	115.4	126.1	119.8	77.7	77.9	108.2	324.1	684.8	318.6
13:53:52	9:11:49	28.9	29.0	30.0	78.0	100.0	117.8	118.5	118.1	117.0	118.5	118.5	118.2	116.3	120.0	126.0	119.7	77.6	77.9	108.2	324.1	684.8	317.0
13:54:52	9:12:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.0	126.5	126.0	119.6	77.6	77.8	108.2	324.1	684.8	317.1
13:55:52	9:13:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.0	119.9	125.9	119.6	77.6	77.7	108.1	324.1	684.9	317.1
13:56:52	9:14:49	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.6	129.8	125.9	119.5	77.6	77.8	108.2	324.1	684.9	318.6
13:57:52	9:15:49	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	118.4	123.7	125.8	119.5	77.5	77.7	108.2	324.1	684.9	317.0
13:58:52	9:16:49	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.2	117.1	118.7	118.5	118.3	117.1	119.3	125.7	119.3	77.5	77.7	108.1	324.1	684.8	318.6
13:59:52	9:17:49	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.5	117.5	125.6	119.3	77.5	77.6	108.1	324.1	684.8	317.0
14:00:52	9:18:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	128.3	125.5	119.3	77.6	77.7	108.1	324.1	684.9	317.1
14:01:52	9:19:50	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	123.1	125.6	119.2	77.5	77.6	108.1	324.1	684.8	317.1
14:02:52	9:20:50	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	116.9	119.0	125.5	119.1	77.6	77.6	108.0	324.1	684.9	317.0
14:03:53	9:21:50	28.9	29.0	30.0	77.9	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.4	119.3	125.3	122.3	77.5	77.5	109.1	324.1	684.8	317.0
14:04:53	9:22:50	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.2	126.3	125.2	122.4	77.4	77.4	108.4	324.1	684.8	317.1
14:05:53	9:23:50	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.2	117.3	120.2	125.1	122.4	77.4	77.4	108.3	324.1	684.8	317.1
14:06:53	9:24:50	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	119.8	127.5	125.1	122.3	77.4	77.4	108.4	324.1	684.9	317.1
14:07:53	9:25:50	28.8	29.0	30.0	78.0	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.7	120.9	125.1	122.2	77.4	77.3	108.3	324.1	684.8	317.1
14:08:53	9:26:50	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.2	124.9	125.1	122.1	77.4	77.3	108.4	324.1	684.9	317.0
14:09:53	9:27:50	28.8	29.0	30.0	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.5	137.3	124.9	122.0	77.4	77.2	108.3	324.1	684.9	317.0
14:10:53	9:28:51	28.9	29.0	30.0	77.9	100.0	118.3	119.1	118.6	117.3	119.1	118.8	118.5	120.5	128.6	124.9	122.0	77.3	77.2	108.4	324.1	684.9	317.0
14:11:53	9:29:51	28.9	29.0	30.0	77.5	100.0	118.3	119.1	118.6	117.4	119.1	118.8	118.5	116.6	116.9	124.7	121.9	77.3	77.2	108.3	324.1	684.8	317.0
14:12:54	9:30:51	28.9	29.0	30.0	77.5	100.0	118.2	118.9	118.5	117.3	118.9	118.8	118.4	116.0	115.2	124.7	121.8	77.3	77.2	108.3	324.1	684.9	317.1
14:13:54	9:31:51	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	115.8	115.1	124.7	121.7	77.2	77.2	108.3	324.1	684.9	317.0
14:14:54	9:32:51	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	115.6	115.2	124.5	121.6	77.2	77.1	108.2	324.1	684.9	317.0
14:15:54	9:33:51	28.8	29.0	30.0	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.2	119.2	128.4	124.5	121.5	77.2	77.1	108.2	324.1	684.8	317.0
14:16:54	9:34:51	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.8	122.4	124.5	121.5	77.2	77.1	108.2	324.1	684.9	317.1
14:17:54	9:35:51	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	119.8	129.1	124.4	121.4	77.1	77.1	108.2	324.1	684.8	317.0
14:18:54	9:36:51	28.8	29.0	30.0	77.9	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.8	121.6	124.3	121.4	77.2	77.1	108.2	324.1	684.8	317.1
14:19:54	9:37:52	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.7	118.4	124.2	121.3	77.1	77.0	108.1	324.1	684.9	317.0
14:20:54	9:38:52	28.8	29.0	30.0	77.9	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	119.9	130.1	124.1	121.2	77.1	77.0	108.1	324.1	684.9	317.0
14:21:55	9:39:52	28.8	29.0	30.0	77.4	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.4	123.2	139.0	124.2	121.1	77.1	77.0	108.2	324.1	684.8	317.0
14:22:55	9:40:52	28.8	29.0	30.0	78.0	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.5	119.4	125.6	124.0	121.0	77.0	76.9	108.2	324.1	684.9	317.0
14:23:55	9:41:52	28.8	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	116.3	116.3	129.4	121.0	77.0	76.9	108.1	324.1	684.8	317.1
14:24:55	9:42:52	28.8	29.0	30.0	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.5	115.9	115.2	129.1	121.0	77.0	76.9	108.1	324.1	684.9	317.0
14:25:55	9:43:52	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.7	115.2	128.9	120.8	77.0	76.9	108.0	324.1	684.9	317.0
14:26:55	9:44:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.5	115.2	128.7	120.8	77.0	76.9	108.0	324.1	684.9	317.1
14:27:55	9:45:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	129.1	128.7	120.7	77.0	76.8	108.0	324.1	684.9	317.0
14:28:55	9:46:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.5	121.4	128.7	120.6	76.9	76.9	108.0	324.1	684.8	317.1
14:29:55	9:47:53	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.4	127.1	128.6	120.5	76.9	76.9	108.0	324.1	684.9	317.1
14:30:56	9:48:53	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.5	120.5	128.6	120.5	76.9	76.8	107.9	324.1	684.8	317.1
14:31:56	9:49:53	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.6	117.9	128.5	120.4	76.8	76.8	107.9	324.1	684.9	317.1
14:32:56	9:50:53	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	125.3	128.5	120.3	76.8	76.8	107.9	324.1	684.9	317.0
14:33:56	9:51:53	28.8	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.3	137.1	128.4	120.3	76.9	76.8	107.9	324.1	684.9	317.0
14:34:56	9:52:53	28.8	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	121.8	132.8	128.2	120.2	76.8	76.8	107.9	324.1	684.9	317.1
14:35:56	9:53:53	28.8	29.0	30.0	78.0	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.6	117.0	118.2	128.2	120.1	76.8	76.8	107.9	324.1	684.8	317.1
14:36:56	9:54:53	28.8	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.0	115.3	128.1	120.0	76.8	76.8	107.9	324.1	684.9	317.0
14:37:56	9:55:54	28.8	29.0	30.0	78.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.1	128.0	119.8	76.8	76.8	107.9	324.1	684.8	317.1
14:38:56	9:56:54	28.8	29.0	30.0	77.9	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.6	115.2	128.0	119.8	76.8	76.7	107.8	324.1	684.9	317.0
14:39:57	9:57:54	28.8	29.0	30.0	78.0	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.1	116.9	122.0	127.9	119.8	76.8	76.7	107.7	324.1	684.9	317.1
	MANUAL PHASE ADVANCE (egnon)					06/05/2015 17:42:36																	
14:40:14	9:58:11	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1
	EXPOSURE(2) SUMMARY					06/05/2015 17:42:36																	
CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:40:14	9:58:11	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1

START PRESS: 0028.7 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 324.2 DRM2 START: 684.9 MAX PRE TEMP: 129.6 MAX GAS TEMP: 083.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000048

END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.0 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.3
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.6
EO USED PHASE: 000.1 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/05/2015 17:42:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:40:14	0:00:00	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1
	LONG EXPOSURE ALARM				06/05/2015 17:42:36																		
14:40:14	0:00:00	28.8	29.0	30.0	78.0	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.9	317.1
	ALARM SILENCED (egnon)				06/05/2015 17:42:59																		
14:40:38	0:00:23	28.5	28.6	30.0	77.5	100.0	117.7	118.3	118.1	116.8	118.4	118.3	118.0	119.6	128.3	127.7	119.7	76.7	82.5	107.7	324.1	684.8	315.5
14:41:14	0:01:00	28.1	28.2	30.0	77.1	100.0	117.7	118.3	118.0	116.7	118.4	118.2	117.9	118.4	126.5	127.7	119.8	76.8	86.3	107.8	324.1	684.9	311.1
14:42:15	0:02:00	27.4	27.5	30.0	75.7	100.0	117.5	118.3	117.9	116.5	118.3	118.2	117.8	119.3	127.6	127.7	119.7	76.8	88.3	107.8	324.1	684.8	301.9
14:43:15	0:03:00	26.8	26.9	30.0	73.9	100.0	117.5	118.3	117.9	116.5	118.2	118.1	117.7	119.3	126.5	127.8	119.6	76.7	89.8	107.8	324.1	684.8	296.0
14:44:15	0:04:00	26.1	26.2	30.0	72.5	98.9	117.5	118.2	117.8	116.5	118.2	118.1	117.6	119.0	125.2	127.6	119.5	76.7	90.8	107.7	324.1	684.9	286.9
14:45:15	0:05:00	25.4	25.5	30.0	71.1	97.1	117.4	118.2	117.8	116.4	118.2	118.1	117.5	118.9	125.0	127.5	119.3	76.6	91.7	107.8	324.1	684.8	279.4
14:46:15	0:06:01	24.8	24.9	30.0	69.8	95.2	117.4	118.2	117.8	116.4	118.3	118.1	117.6	119.3	127.1	127.4	119.3	76.7	92.1	107.8	324.1	684.8	271.9
14:47:15	0:07:01	24.0	24.2	30.0	68.4	93.2	117.5	118.3	117.9	116.4	118.2	118.1	117.6	119.9	127.8	127.3	119.3	76.7	92.6	107.8	324.1	684.9	264.3
14:48:15	0:08:01	23.4	23.5	30.0	67.0	91.5	117.4	118.3	117.8	116.3	118.2	118.1	117.5	120.0	127.2	127.3	119.2	76.7	92.7	107.7	324.1	684.8	256.8
14:49:15	0:09:01	22.7	22.8	30.0	66.1	90.2	117.5	118.3	117.9	116.3	118.3	118.1	117.6	119.9	126.3	127.4	119.2	76.7	92.7	107.7	324.1	684.8	250.7
14:50:15	0:10:01	22.0	22.1	30.0	64.8	88.4	117.4	118.3	117.8	116.3	118.3	118.1	117.5	119.6	125.5	127.3	119.5	76.6	92.7	107.9	324.1	684.8	241.7
14:51:16	0:11:01	21.4	21.5	30.0	63.9	87.3	117.4	118.3	117.8	116.2	118.3	118.1	117.4	119.6	125.0	127.0	122.5	76.6	92.7	108.2	324.1	684.9	234.2
14:52:16	0:12:01	20.6	20.7	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.1	117.5	119.6	124.9	127.0	122.4	76.6	92.7	108.0	324.1	684.9	226.6
	STERILANT REMOVAL SUMMARY				06/05/2015 17:54:47																		
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:52:26	0:12:12	20.5	20.6	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.2	117.5	119.2	124.4	127.0	122.4	76.6	92.7	108.1	324.1	684.8	225.1

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.6 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

POST N2 WASE(1) (Loop:1/6) 06/05/2015 17:54:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:52:26	0:00:00	20.5	20.6	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.2	117.5	119.2	124.4	127.0	122.4	76.6	92.7	108.1	324.1	684.8	225.1
14:54:26	0:02:00	23.2	23.3	30.0	65.7	87.4	118.4	119.3	118.8	117.2	119.4	119.1	118.6	119.2	123.2	126.8	122.3	104.2	89.4	108.1	324.1	684.9	237.2
14:56:27	0:04:00	25.9	26.0	30.0	65.7	86.4	118.8	119.7	119.2	117.7	119.7	119.4	119.0	119.2	124.3	126.6	122.0	111.8	86.9	108.1	324.1	684.8	228.1
	POST N2 WASE(1) (Loop:1/6) SUMMARY				06/05/2015 18:00:42																		
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:56:21	0:05:54	28.5	28.6	30.0	64.3	84.2	119.0	119.8	119.3	118.0	119.9	119.6	119.3	119.2	124.0	126.5	121.7	112.7	85.2	108.0	324.1	684.8	216.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.1 MAX GAS TEMP: 112.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.5 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.7

POST EVACUATION(1) (Loop:1/6) 06/05/2015 18:00:42

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000049

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
14:58:21	0:00:00	28.5	28.6	30.0	64.3	84.2	119.0	119.8	119.3	118.0	119.9	119.6	119.3	119.2	124.0	126.5	121.7	112.7	85.2	108.0	324.1	684.8	216.1
15:00:21	0:02:00	25.8	25.9	30.0	58.0	78.3	117.8	118.7	118.2	116.7	118.6	118.4	117.8	119.3	123.5	126.3	121.5	106.2	93.4	108.1	324.1	684.8	181.5
15:02:21	0:04:00	23.1	23.2	30.0	54.3	74.2	117.4	118.3	117.8	116.2	118.3	118.1	117.5	119.4	123.7	126.2	121.3	99.8	95.7	108.1	324.1	684.9	160.4

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/05/2015 18:06:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:04:15	0:05:54	20.5	20.8	30.0	51.2	70.3	117.2	118.1	117.6	115.9	118.0	117.8	117.1	119.8	124.7	126.1	121.2	95.3	96.9	108.1	324.1	684.9	145.4

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.5 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.1 MIN GAS TEMP: 095.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.2

POST N2 WASH(1) (Loop:2/6) 06/05/2015 18:06:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:04:15	0:00:00	20.5	20.6	30.0	51.2	70.3	117.2	118.1	117.6	115.9	118.0	117.8	117.1	119.8	124.7	126.1	121.2	95.3	96.9	108.1	324.1	684.9	145.4
15:06:15	0:02:00	23.2	23.3	30.0	54.3	72.2	118.5	119.4	118.8	117.3	119.4	119.2	118.7	119.8	124.4	125.9	121.0	107.5	92.4	108.1	324.1	684.9	155.9
15:08:16	0:04:00	25.9	26.1	30.0	54.8	72.0	118.9	119.7	119.2	117.8	119.8	119.5	119.2	119.8	124.5	125.8	120.7	111.7	88.9	108.0	324.1	684.9	154.4

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/05/2015 18:12:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:10:09	0:05:53	28.5	28.6	30.0	54.8	71.5	119.2	119.9	119.4	118.2	120.1	119.7	119.5	120.1	125.9	125.7	120.4	112.3	86.5	107.9	324.1	684.8	146.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.1 MAX GAS TEMP: 112.3
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.6 MIN GAS TEMP: 095.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:2/6) 06/05/2015 18:12:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:10:09	0:00:00	28.5	28.6	30.0	54.8	71.5	119.2	119.9	119.4	118.2	120.1	119.7	119.5	120.1	125.9	125.7	120.4	112.3	86.5	107.9	324.1	684.8	146.9
15:12:09	0:02:00	25.8	25.9	30.0	49.8	67.2	117.9	118.7	118.2	116.8	118.6	118.4	118.0	120.3	126.1	125.6	120.3	106.5	93.6	108.0	324.1	684.8	122.8
15:14:09	0:04:00	23.0	23.2	30.0	47.1	64.2	117.4	118.3	117.8	116.3	118.3	118.1	117.5	120.4	126.8	125.4	120.1	100.8	96.2	107.9	324.1	684.9	110.7

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/05/2015 18:18:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:16:01	0:05:52	20.5	20.6	30.0	45.7	62.7	117.2	118.1	117.6	116.1	118.1	117.9	117.2	120.5	128.1	125.3	120.0	96.5	97.5	107.9	324.1	684.8	103.3

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.7 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.2 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.0

POST N2 WASH(1) (Loop:3/6) 06/05/2015 18:18:23

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000050

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:16:01	0:00:00	20.5	20.6	30.0	45.7	62.7	117.2	118.1	117.6	116.1	118.1	117.9	117.2	120.5	128.1	125.3	120.0	96.5	97.5	107.9	324.1	684.8	103.3
15:18:01	0:02:00	23.2	23.3	30.0	48.4	64.3	118.5	119.4	118.9	117.4	119.5	119.2	118.8	120.5	127.9	125.1	119.8	107.1	92.9	107.8	324.1	684.9	112.3
15:20:02	0:04:00	25.9	26.1	30.0	49.3	64.7	119.0	119.7	119.3	117.9	119.9	119.5	119.3	120.5	127.8	125.1	119.5	111.1	89.3	107.8	324.1	684.9	112.3

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/05/2015 18:24:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:21:55	0:05:54	28.5	28.6	30.0	49.3	64.3	119.2	119.9	119.4	118.2	120.1	119.8	119.6	120.3	128.0	124.9	119.2	111.4	86.6	107.7	324.1	684.8	107.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 111.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.9 MIN GAS TEMP: 096.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:3/6) 06/05/2015 18:24:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:21:55	0:00:00	28.5	28.6	30.0	49.3	64.3	119.2	119.9	119.4	118.2	120.1	119.8	119.6	120.3	128.0	124.9	119.2	111.4	86.6	107.7	324.1	684.8	107.7
15:23:55	0:02:00	25.8	25.9	30.0	45.7	61.7	117.9	118.7	118.2	116.8	118.7	118.5	118.0	120.0	127.4	124.7	119.1	106.2	94.5	107.7	324.1	684.9	91.2
15:25:55	0:04:00	23.1	23.2	30.0	43.4	59.2	117.5	118.3	117.9	116.4	118.3	118.1	117.6	120.3	127.8	124.5	122.5	100.7	97.4	108.1	324.1	684.8	83.6

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/05/2015 18:30:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:27:50	0:05:55	20.5	20.6	30.0	42.1	57.7	117.2	118.1	117.6	116.1	118.2	118.0	117.3	119.4	125.8	124.5	122.4	96.6	98.8	108.0	324.1	684.8	79.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.0 MAX GAS TEMP: 111.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 124.5 MIN GAS TEMP: 096.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:4/6) 06/05/2015 18:30:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:27:50	0:00:00	20.5	20.6	30.0	42.1	57.7	117.2	118.1	117.6	116.1	118.2	118.0	117.3	119.4	125.8	124.5	122.4	96.6	98.8	108.0	324.1	684.8	79.1
15:29:50	0:02:00	23.2	23.3	30.0	44.8	59.3	118.6	119.4	118.9	117.5	119.5	119.3	118.9	119.2	125.4	124.3	122.2	108.5	94.5	108.0	324.1	684.9	88.2
15:31:50	0:04:00	25.9	26.0	30.0	45.7	59.8	119.0	119.8	119.3	118.0	119.9	119.6	119.4	119.3	125.5	124.3	121.9	112.9	90.8	107.9	324.1	684.9	88.2

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/05/2015 18:36:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:33:45	0:05:55	28.5	28.6	30.0	46.2	60.0	119.3	120.1	119.5	118.4	120.2	119.8	119.7	119.2	123.8	124.1	121.6	113.6	88.1	108.0	324.1	684.9	85.2

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 124.5 MAX GAS TEMP: 113.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 096.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.6

POST EVACUATION(1) (Loop:4/6) 06/05/2015 18:36:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000051

15:33:45	0:00:00	28.5	28.6	30.0	46.2	60.0	119.3	120.1	119.5	118.4	120.2	119.8	119.7	119.2	123.8	124.1	121.6	113.6	88.1	108.0	324.1	684.9	85.2
15:35:45	0:02:00	25.8	25.9	30.0	42.5	57.3	117.9	118.7	118.2	116.9	118.7	118.4	118.1	119.0	123.1	129.1	121.4	107.8	95.1	108.0	324.1	684.9	73.1
15:37:45	0:04:00	23.1	23.2	30.0	40.7	55.4	117.6	118.3	117.9	116.5	118.3	118.2	117.7	119.2	123.1	129.1	121.2	102.1	97.8	107.9	324.1	684.8	65.6

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/05/2015 18:42:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:39:38	0:05:54	20.5	20.6	30.0	39.8	54.5	117.3	118.2	117.7	116.2	118.1	117.9	117.3	120.0	125.2	129.0	121.1	97.9	99.2	107.9	324.1	684.9	62.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

POST N2 WASH(1) (Loop:5/6) 06/05/2015 18:42:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:39:38	0:00:00	20.5	20.6	30.0	39.8	54.5	117.3	118.2	117.7	116.2	118.1	117.9	117.3	120.0	125.2	129.0	121.1	97.9	99.2	107.9	324.1	684.9	62.6
15:41:38	0:02:00	23.2	23.3	30.0	42.5	56.3	118.6	119.4	119.0	117.5	119.6	119.3	119.0	120.3	126.1	128.8	120.9	108.0	95.5	107.9	324.1	684.8	71.6
15:43:38	0:04:00	25.9	26.0	30.0	43.4	56.8	119.1	119.8	119.3	118.1	120.0	119.6	119.5	120.4	126.3	128.6	120.7	112.2	91.9	107.9	324.1	684.9	73.2

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/05/2015 18:47:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:45:33	0:05:54	28.5	28.6	30.0	43.9	57.1	119.3	120.1	119.5	118.4	120.1	119.8	119.7	120.5	127.6	128.5	120.4	112.5	89.3	107.8	324.1	684.8	70.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.0 MAX GAS TEMP: 112.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 128.5 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:5/6) 06/05/2015 18:47:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:45:33	0:00:00	28.5	28.6	30.0	43.9	57.1	119.3	120.1	119.5	118.4	120.1	119.8	119.7	120.5	127.6	128.5	120.4	112.5	89.3	107.8	324.1	684.8	70.1
15:47:33	0:02:00	25.8	25.9	30.0	40.7	54.9	117.9	118.7	118.2	116.9	118.7	118.5	118.1	120.6	128.0	128.3	120.2	107.1	95.3	107.7	324.1	684.9	59.6
15:49:33	0:04:00	23.0	23.2	30.0	38.9	52.9	117.6	118.3	117.9	116.5	118.4	118.1	117.7	120.3	127.7	128.2	120.1	101.7	98.0	107.7	324.1	684.9	55.1

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/05/2015 18:53:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:51:26	0:05:53	20.5	20.6	30.0	38.0	52.0	117.3	118.1	117.7	116.2	118.1	117.9	117.4	119.3	125.6	128.1	119.8	97.6	99.2	107.7	324.1	684.8	53.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 128.5 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.1 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.8

POST N2 WASH(1) (Loop:6/6) 06/05/2015 18:53:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:51:26	0:00:00	20.5	20.6	30.0	38.0	52.0	117.3	118.1	117.7	116.2	118.1	117.9	117.4	119.3	125.6	128.1	119.8	97.6	99.2	107.7	324.1	684.8	53.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000052

15:53:26	0:02:00	23.2	23.3	30.0	40.7	53.8	118.7	119.4	119.0	117.6	119.5	119.3	119.0	119.6	126.2	127.9	119.7	107.2	95.7	107.6	324.1	684.8	59.5
15:55:26	0:04:00	25.9	26.0	30.0	41.6	54.4	119.1	119.8	119.4	118.1	120.0	119.7	119.5	119.6	125.9	127.6	119.3	111.1	92.2	107.5	324.1	684.9	61.0

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/05/2015 18:59:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:57:22	0:05:56	28.5	28.6	30.0	42.1	54.6	119.4	120.1	119.6	118.5	120.1	119.8	119.7	119.2	124.5	127.5	119.2	111.6	89.6	107.5	324.2	684.9	59.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 128.2 MAX GAS TEMP: 111.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.5 MIN GAS TEMP: 097.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: -000.1 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:6/6) 06/05/2015 18:59:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:57:22	0:00:00	28.5	28.6	30.0	42.1	54.6	119.4	120.1	119.6	118.5	120.1	119.8	119.7	119.2	124.5	127.5	119.2	111.6	89.6	107.5	324.2	684.9	59.5
15:59:22	0:02:00	25.8	25.9	30.0	38.9	52.3	118.0	118.8	118.3	117.0	118.7	118.5	118.2	119.2	123.7	127.4	122.4	106.2	95.0	108.1	324.1	684.9	50.5
16:01:22	0:04:00	23.1	23.2	30.0	37.1	50.3	117.6	118.3	118.0	116.6	118.4	118.2	117.8	119.4	123.6	127.2	122.3	101.0	97.7	107.8	324.1	684.9	46.0

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/05/2015 19:05:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:03:14	0:05:52	20.5	20.6	30.0	36.2	49.5	117.3	118.1	117.7	116.2	118.2	118.0	117.5	119.9	125.3	127.1	122.2	97.0	98.8	107.8	324.1	684.9	44.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.2 DRM2 START: 684.9 MAX PRE TEMP: 127.5 MAX GAS TEMP: 111.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.2 DRM2 END: 684.8 MIN PRE TEMP: 127.1 MIN GAS TEMP: 097.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:1/12) 06/05/2015 19:05:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:03:14	0:00:00	20.5	20.6	30.0	36.2	49.5	117.3	118.1	117.7	116.2	118.2	118.0	117.5	119.9	125.3	127.1	122.2	97.0	98.8	107.8	324.1	684.9	44.5
16:05:14	0:02:00	23.2	23.3	30.0	39.4	52.5	118.3	119.3	119.0	116.8	119.5	119.4	118.2	120.0	125.6	127.1	122.0	93.5	95.4	107.8	324.1	684.8	52.0
16:07:14	0:04:00	25.9	26.0	30.0	40.7	53.7	118.8	119.7	119.5	117.1	119.8	119.8	118.4	120.0	125.8	126.9	121.8	90.8	92.1	107.8	324.1	684.9	52.0
16:09:14	0:06:00	28.7	28.9	30.0	41.1	54.0	118.9	119.8	119.7	117.2	120.0	120.0	118.4	120.0	125.7	126.8	121.7	88.7	89.4	107.8	324.2	684.9	52.0

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/05/2015 19:11:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:09:34	0:06:20	29.1	29.3	30.0	41.6	54.6	118.9	119.9	119.7	117.2	120.0	119.9	118.4	119.2	123.8	126.7	121.7	88.3	89.0	107.7	324.1	684.8	52.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.2 MAX GAS TEMP: 097.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.7 MIN GAS TEMP: 088.3
PRESS CHANGE: 009.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:1/12) 06/05/2015 19:11:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:09:34	0:00:00	29.1	29.3	30.0	41.6	54.6	118.9	119.9	119.7	117.2	120.0	119.9	118.4	119.2	123.8	126.7	121.7	88.3	89.0	107.7	324.1	684.8	52.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000053

16:11:34	0:02:00	26.4	26.5	30.0	38.9	52.5	117.9	118.7	118.3	116.7	118.7	118.6	117.9	119.3	123.5	126.6	121.5	86.5	94.4	107.8	324.1	684.8	44.5
16:13:34	0:04:00	23.7	23.8	30.0	37.1	50.6	117.5	118.3	117.9	116.3	118.4	118.3	117.6	119.4	123.7	126.5	121.3	85.1	96.9	107.7	324.1	684.8	40.0
16:15:34	0:06:00	21.0	21.1	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	124.1	126.3	121.3	83.9	98.3	107.7	324.1	684.9	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/05/2015 19:18:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:54	0:06:20	20.5	20.6	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	126.5	126.2	121.2	83.8	98.4	107.6	324.1	684.9	38.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.0 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.7 MAX GAS TEMP: 088.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.2 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:2/12) 06/05/2015 19:18:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:54	0:00:00	20.5	20.6	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	126.5	126.2	121.2	83.8	98.4	107.6	324.1	684.9	38.5
16:17:54	0:02:00	23.3	23.4	30.0	38.9	51.8	118.4	119.4	119.1	116.7	119.4	119.4	118.0	119.6	126.3	126.2	121.0	82.8	95.2	107.6	324.1	684.8	44.5
16:19:55	0:04:00	25.9	26.1	30.0	39.8	52.6	118.7	119.7	119.5	116.9	119.8	119.8	118.3	119.4	125.8	126.1	120.9	82.1	91.9	107.6	324.1	684.9	46.0
16:21:55	0:06:00	28.7	28.9	30.0	40.2	52.9	118.9	119.9	119.7	117.0	120.0	120.0	118.3	119.2	124.7	125.9	120.8	81.4	89.3	107.6	324.1	684.9	44.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/05/2015 19:24:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:22:13	0:06:29	29.1	29.3	30.0	40.7	53.4	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.5	128.0	125.8	120.7	81.3	89.0	107.6	324.1	684.9	44.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.3 MAX GAS TEMP: 083.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.8 MIN GAS TEMP: 081.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:2/12) 06/05/2015 19:24:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:22:13	0:00:00	29.1	29.3	30.0	40.7	53.4	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.5	128.0	125.8	120.7	81.3	89.0	107.6	324.1	684.9	44.5
16:24:13	0:02:00	26.4	26.5	30.0	38.0	51.3	117.8	118.7	118.3	116.6	118.7	118.6	117.8	120.1	127.6	125.7	120.6	80.8	94.7	107.6	324.1	684.9	38.8
16:26:13	0:04:00	23.7	23.8	30.0	36.2	49.2	117.6	118.3	118.1	116.4	118.4	118.3	117.5	119.6	126.6	125.5	120.4	80.3	97.3	107.6	324.1	684.9	35.5
16:28:13	0:06:00	21.0	21.1	30.0	35.3	48.3	117.3	118.2	117.8	116.1	118.2	118.1	117.4	119.2	125.0	125.4	120.3	79.9	98.1	107.6	324.1	684.9	34.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/05/2015 19:30:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:28:32	0:06:19	20.5	20.6	30.0	35.3	48.4	117.2	118.1	117.7	116.0	118.2	118.0	117.3	120.4	127.8	125.4	120.3	79.9	98.3	107.6	324.1	684.9	34.0

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.9 MAX GAS TEMP: 081.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.4 MIN GAS TEMP: 079.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.3

AIR BACKFILL(1) (Loop:3/12) 06/05/2015 19:30:53

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000054

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:28:32	0:00:00	20.5	20.6	30.0	35.3	48.4	117.2	118.1	117.7	116.0	118.2	118.0	117.3	120.4	127.8	125.4	120.3	79.9	98.3	107.6	324.1	684.9	34.0
16:30:32	0:02:00	23.3	23.4	30.0	38.0	50.6	118.3	119.4	119.1	116.6	119.4	119.4	117.9	120.5	128.1	125.2	120.2	79.6	95.1	107.5	324.1	684.9	40.0
16:32:32	0:04:00	26.0	26.1	30.0	38.9	51.3	118.7	119.7	119.5	116.9	119.8	119.8	118.2	120.3	127.7	125.2	120.0	79.3	92.0	107.6	324.1	684.9	40.1
16:34:32	0:06:00	28.6	28.8	30.0	39.8	52.3	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.3	127.7	124.9	119.8	79.1	89.5	107.5	324.1	684.9	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/05/2015 19:37:16

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:34:55	0:06:23	29.1	29.2	30.0	39.8	52.2	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.9	125.3	125.0	119.8	79.0	89.2	107.6	324.1	684.9	40.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.4 MAX GAS TEMP: 079.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.9 MIN GAS TEMP: 078.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:3/12) 06/05/2015 19:37:16

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:34:55	0:00:00	29.1	29.2	30.0	39.8	52.2	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.9	125.3	125.0	119.8	79.0	89.2	107.6	324.1	684.9	40.0
16:36:55	0:02:00	26.4	26.5	30.0	37.1	50.0	117.9	118.8	118.4	116.6	118.8	118.6	117.8	120.3	125.9	124.8	119.7	78.8	94.7	107.6	324.1	684.8	34.0
16:38:55	0:04:00	23.6	23.8	30.0	35.3	48.0	117.6	118.3	118.0	116.4	118.4	118.3	117.5	120.3	126.4	124.6	119.6	78.6	97.1	107.5	324.1	684.9	31.0
16:40:55	0:06:00	20.9	21.0	30.0	34.3	47.0	117.4	118.2	117.9	116.1	118.2	118.1	117.3	120.6	127.4	124.5	119.5	78.5	98.4	107.5	324.1	684.9	29.4

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/05/2015 19:43:38

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:41:17	0:06:21	20.5	20.6	30.0	34.3	47.1	117.3	118.1	117.8	116.0	118.2	118.1	117.2	119.4	123.6	124.5	119.3	78.4	98.6	107.5	324.1	684.9	29.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.0 MAX GAS TEMP: 079.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.4 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:4/12) 06/05/2015 19:43:38

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:41:17	0:00:00	20.5	20.6	30.0	34.3	47.1	117.3	118.1	117.8	116.0	118.2	118.1	117.2	119.4	123.6	124.5	119.3	78.4	98.6	107.5	324.1	684.9	29.4
16:43:17	0:02:00	23.3	23.4	30.0	37.1	49.3	118.4	119.4	119.2	116.7	119.4	119.5	118.0	119.8	124.4	124.3	119.3	78.2	95.3	107.5	324.1	684.9	34.0
16:45:17	0:04:00	25.9	26.0	30.0	38.0	50.1	118.8	119.8	119.6	116.9	119.9	119.9	118.3	120.0	125.2	124.3	119.2	78.1	92.1	107.5	324.1	684.9	35.5
16:47:17	0:06:00	28.6	28.8	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	120.1	125.6	124.1	119.0	77.9	89.4	107.4	324.1	684.9	35.5

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/05/2015 19:49:55

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:47:34	0:06:18	29.1	29.3	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	118.9	123.4	124.2	118.8	77.8	89.1	107.5	324.1	684.9	35.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.6 MAX GAS TEMP: 078.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 077.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:4/12) 06/05/2015 19:49:55

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000055

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:47:34	0:00:00	29.1	29.3	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	118.9	123.4	124.2	118.8	77.8	89.1	107.5	324.1	684.9	35.5
16:49:34	0:02:00	26.4	26.6	30.0	36.2	48.8	117.9	118.7	118.4	116.6	118.8	118.7	117.8	118.9	123.1	127.1	122.3	77.6	94.3	107.8	324.1	684.9	29.4
16:51:35	0:04:00	23.6	23.8	30.0	34.8	47.3	117.6	118.3	118.1	116.3	118.4	118.3	117.5	119.2	122.9	128.9	122.2	77.5	96.9	107.8	324.1	684.8	28.0
16:53:35	0:06:00	20.9	21.1	30.0	33.9	46.4	117.3	118.2	117.8	116.1	118.2	118.1	117.3	119.3	123.7	128.7	122.1	77.4	98.3	107.8	324.1	684.8	26.4

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/05/2015 19:56:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:53:55	0:00:20	20.5	20.6	30.0	33.4	45.8	117.3	118.2	117.8	116.0	118.1	118.0	117.2	119.9	127.4	128.8	122.0	77.4	98.4	107.8	324.1	684.9	26.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.3 MAX GAS TEMP: 077.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:5/12) 06/05/2015 19:56:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:53:55	0:00:00	20.5	20.6	30.0	33.4	45.8	117.3	118.2	117.8	116.0	118.1	118.0	117.2	119.9	127.4	128.8	122.0	77.4	98.4	107.8	324.1	684.9	26.4
16:55:55	0:02:00	23.2	23.3	30.0	36.2	48.2	118.3	119.4	119.1	116.6	119.5	119.5	117.9	119.8	126.9	128.6	121.8	77.2	95.1	107.7	324.1	684.9	29.5
16:57:55	0:04:00	25.9	26.0	30.0	37.1	49.0	118.7	119.7	119.5	116.9	119.8	119.8	118.1	119.8	126.9	128.5	121.8	77.2	91.8	107.7	324.1	684.9	31.0
16:59:55	0:06:00	28.7	28.9	30.0	38.4	50.6	118.8	119.8	119.7	117.0	120.1	120.0	118.3	119.6	126.1	128.3	121.6	77.1	89.2	107.7	324.1	684.9	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/05/2015 20:02:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:00:16	0:06:21	29.1	29.3	30.0	38.4	50.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.5	127.5	128.3	121.6	77.0	88.9	107.8	324.1	684.9	31.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.8 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 077.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:5/12) 06/05/2015 20:02:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:00:16	0:00:00	29.1	29.3	30.0	38.4	50.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.5	127.5	128.3	121.6	77.0	88.9	107.8	324.1	684.9	31.0
17:02:16	0:02:00	26.4	26.5	30.0	35.6	48.0	117.9	118.7	118.4	116.6	118.7	118.7	117.7	120.6	127.9	128.1	121.5	77.0	94.7	107.8	324.1	684.9	26.4
17:04:16	0:04:00	23.7	23.8	30.0	34.3	46.7	117.6	118.3	118.1	116.3	118.4	118.3	117.5	120.3	127.7	128.0	121.3	77.0	97.2	107.7	324.1	684.9	23.4
17:06:17	0:06:00	20.9	21.0	30.0	33.5	45.7	117.4	118.2	117.9	116.1	118.2	118.1	117.2	119.6	126.2	127.8	121.2	76.9	98.7	107.7	324.1	684.8	23.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/05/2015 20:08:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:06:36	0:06:19	20.5	20.6	30.0	33.0	45.3	117.2	118.1	117.7	115.9	118.2	118.1	117.2	120.3	127.2	127.8	121.1	76.9	98.8	107.7	324.1	684.9	21.9

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.3 MAX GAS TEMP: 077.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.8 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000056

AIR BACKFILL(1) (Loop:6/12) 06/05/2015 20:08:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:06:36	0:00:00	20.5	20.6	30.0	33.0	45.3	117.2	118.1	117.7	115.9	118.2	118.1	117.2	120.3	127.2	127.8	121.1	76.9	98.8	107.7	324.1	684.9	21.9
17:08:36	0:02:00	23.3	23.4	30.0	35.3	47.0	118.4	119.4	119.2	116.6	119.5	119.5	118.0	120.4	127.5	127.6	121.0	76.8	95.5	107.7	324.1	684.8	26.5
17:10:36	0:04:00	26.0	26.1	30.0	37.1	48.9	118.7	119.7	119.6	116.9	119.9	119.9	118.2	120.3	127.8	127.5	120.9	76.8	92.3	107.7	324.1	684.8	27.9
17:12:36	0:06:00	28.6	28.8	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.3	127.7	127.4	120.7	76.8	89.7	107.7	324.1	684.9	26.5

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/05/2015 20:15:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:12:53	0:06:17	29.1	29.2	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.1	126.2	127.4	120.6	76.8	89.4	107.6	324.1	684.9	26.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.3 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.6

POST EVACUATION(2) (Loop:6/12) 06/05/2015 20:15:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:12:53	0:00:00	29.1	29.2	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.1	126.2	127.4	120.6	76.8	89.4	107.6	324.1	684.9	26.4
17:14:53	0:02:00	26.4	26.5	30.0	35.3	47.6	117.9	118.7	118.4	116.6	118.8	118.7	117.8	120.4	127.2	127.1	120.5	76.8	95.0	107.7	324.1	684.9	23.5
17:16:53	0:04:00	23.6	23.8	30.0	33.9	46.1	117.6	118.3	118.1	116.3	118.4	118.3	117.5	120.5	127.9	127.0	120.4	76.9	97.5	107.7	324.1	684.9	22.0
17:18:53	0:06:00	21.0	21.1	30.0	33.0	45.1	117.4	118.2	117.9	116.1	118.2	118.1	117.3	120.5	128.1	126.9	120.2	76.8	98.8	107.6	324.1	684.8	20.4

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/05/2015 20:21:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:12	0:06:19	20.5	20.6	30.0	32.5	44.6	117.3	118.1	117.8	115.9	118.2	118.1	117.2	120.3	125.8	126.9	120.2	76.8	99.1	107.7	324.1	684.9	20.5

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.4 MAX GAS TEMP: 076.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.8 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.2

AIR BACKFILL(1) (Loop:7/12) 06/05/2015 20:21:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:12	0:00:00	20.5	20.6	30.0	32.5	44.6	117.3	118.1	117.8	115.9	118.2	118.1	117.2	120.3	125.8	126.9	120.2	76.8	99.1	107.7	324.1	684.9	20.5
17:21:12	0:02:00	23.3	23.4	30.0	35.3	46.9	118.4	119.4	119.2	116.7	119.6	119.6	118.0	120.1	126.2	126.7	120.1	76.8	95.6	107.6	324.1	684.9	23.5
17:23:12	0:04:00	26.0	26.1	30.0	36.2	47.9	118.6	119.7	119.5	116.8	119.9	119.9	118.2	120.3	126.5	126.6	119.8	76.7	92.3	107.6	324.1	684.9	23.5
17:25:12	0:06:00	28.6	28.8	30.0	37.1	48.7	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.3	127.0	126.4	119.7	76.7	89.6	107.6	324.1	684.9	23.4

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/05/2015 20:27:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:25:30	0:06:18	29.1	29.2	30.0	37.1	48.7	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.8	124.4	126.4	119.7	76.7	89.3	107.6	324.1	684.9	23.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.9 MAX GAS TEMP: 076.8
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.3 MIN GAS TEMP: 076.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000057

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:7/12) 06/05/2015 20:27:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:25:30	0:00:00	29.1	29.2	30.0	37.1	48.7	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.8	124.4	126.4	119.7	76.7	89.3	107.6	324.1	684.9	23.5
17:27:30	0:02:00	26.4	26.5	30.0	34.8	46.9	117.9	118.8	118.5	116.6	118.8	118.7	117.8	120.0	125.3	126.3	119.6	76.7	94.6	107.5	324.1	684.9	20.4
17:29:30	0:04:00	23.6	23.8	30.0	33.4	45.5	117.6	118.3	118.1	116.3	118.5	118.4	117.5	120.0	125.9	126.2	119.3	76.6	97.1	107.5	324.1	684.9	18.9
17:31:30	0:06:00	20.9	21.0	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.3	118.2	117.3	120.3	126.8	126.0	119.3	76.6	98.6	107.5	324.1	684.9	17.5

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/05/2015 20:34:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:31:49	0:06:00	20.5	20.6	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.2	118.1	117.2	119.3	123.4	126.0	119.3	76.6	98.7	107.5	324.1	684.9	17.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.5 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.0 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:8/12) 06/05/2015 20:34:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:31:49	0:00:00	20.5	20.6	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.2	118.1	117.2	119.3	123.4	126.0	119.3	76.6	98.7	107.5	324.1	684.9	17.4
17:33:49	0:02:00	23.3	23.4	30.0	34.8	46.4	118.4	119.4	119.2	116.6	119.5	119.5	118.0	119.6	123.7	125.9	119.2	76.5	95.3	107.4	324.1	684.9	20.5
17:35:49	0:04:00	26.0	26.1	30.0	35.7	47.1	118.7	119.7	119.6	116.9	119.9	119.9	118.2	119.6	123.9	125.8	119.0	76.5	92.0	107.3	324.1	684.9	22.0
17:37:50	0:06:00	28.6	28.8	30.0	36.1	47.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	119.9	124.8	125.5	118.8	76.5	89.4	107.3	324.1	684.9	22.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/05/2015 20:40:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:07	0:06:18	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.1	120.1	118.4	118.9	123.3	125.5	118.8	76.5	89.0	107.3	324.1	684.9	22.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.0 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.5 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:8/12) 06/05/2015 20:40:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:07	0:00:00	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.1	120.1	118.4	118.9	123.3	125.5	118.8	76.5	89.0	107.3	324.1	684.9	22.0
17:40:07	0:02:00	26.4	26.5	30.0	34.3	46.3	117.9	118.8	118.5	116.6	118.8	118.7	117.8	119.2	122.8	125.5	122.3	76.5	94.7	107.8	324.1	684.9	17.4
17:42:07	0:04:00	23.7	23.8	30.0	33.0	44.8	117.6	118.5	118.1	116.3	118.5	118.3	117.5	119.4	123.7	125.3	122.3	76.5	97.3	107.7	324.1	684.9	15.9
17:44:07	0:06:00	20.9	21.0	30.0	32.1	43.9	117.3	118.2	117.8	116.1	118.2	118.1	117.2	120.0	125.1	125.2	122.0	76.4	98.8	107.7	324.1	684.8	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/05/2015 20:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:26	0:06:19	20.5	20.5	30.0	32.1	43.9	117.3	118.2	117.8	116.0	118.2	118.1	117.2	118.9	123.7	125.3	122.0	76.4	99.0	107.8	324.1	684.8	15.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000058

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.5 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.1 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:9/12) 06/05/2015 20:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:26	0:00:00	20.5	20.6	30.0	32.1	43.9	117.3	118.2	117.8	116.0	118.2	118.1	117.2	118.9	123.7	125.3	122.0	76.4	99.0	107.8	324.1	684.8	15.9
17:46:26	0:02:00	23.3	23.4	30.0	33.9	45.1	118.4	119.4	119.2	116.6	119.6	119.5	118.0	119.0	122.6	125.1	121.9	76.5	95.6	107.7	324.1	684.9	18.9
17:48:27	0:04:00	26.0	26.1	30.0	35.3	46.5	118.8	119.8	119.6	116.9	119.9	119.9	118.2	119.3	123.2	124.9	121.7	76.5	92.3	107.7	324.1	684.9	19.0
17:50:27	0:06:00	28.6	28.8	30.0	36.2	47.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	119.6	123.7	124.7	121.6	76.5	89.8	107.7	324.1	684.8	18.9

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/05/2015 20:53:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:44	0:06:17	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.2	120.2	118.4	119.0	124.5	124.6	121.5	76.5	89.4	107.7	324.1	684.9	18.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.6 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:9/12) 06/05/2015 20:53:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:44	0:00:00	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.2	120.2	118.4	119.0	124.5	124.6	121.5	76.5	89.4	107.7	324.1	684.9	18.9
17:52:44	0:02:00	26.4	26.5	30.0	33.9	45.7	117.9	118.8	118.5	116.6	118.8	118.8	117.8	119.0	123.1	124.6	121.4	76.5	94.8	107.7	324.1	684.9	15.9
17:54:44	0:04:00	23.6	23.8	30.0	32.5	44.1	117.7	118.5	118.2	116.4	118.5	118.4	117.5	119.2	123.1	124.4	121.3	76.6	97.4	107.7	324.1	684.9	14.4
17:56:44	0:06:00	20.9	21.0	30.0	31.6	43.2	117.4	118.3	117.9	116.1	118.3	118.2	117.3	119.6	123.7	124.3	121.2	76.6	98.8	107.7	324.1	684.9	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/05/2015 20:59:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:04	0:06:20	20.5	20.6	30.0	31.6	43.3	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.5	124.3	121.1	76.5	99.0	107.8	324.1	684.9	14.4

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.7 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:10/12) 06/05/2015 20:59:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:04	0:00:00	20.5	20.6	30.0	31.6	43.3	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.5	124.3	121.1	76.5	99.0	107.8	324.1	684.9	14.4
17:59:04	0:02:00	23.3	23.4	30.0	33.9	45.0	118.5	119.4	119.3	116.7	119.5	119.5	118.0	119.3	125.3	124.1	121.0	76.6	95.6	107.6	324.1	684.9	15.9
18:01:04	0:04:00	26.0	26.1	30.0	34.8	45.9	118.7	119.7	119.6	116.9	119.9	119.9	118.2	119.2	124.5	124.1	120.8	76.6	92.3	107.7	324.1	684.9	15.9
18:03:04	0:06:00	28.6	28.8	30.0	35.3	46.2	119.0	120.1	119.8	117.1	120.1	120.1	118.3	119.2	123.8	124.0	120.7	76.6	89.6	107.6	324.1	684.9	15.9

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/05/2015 21:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:20	0:06:17	29.1	29.2	30.0	35.3	46.3	119.0	120.1	119.8	117.1	120.1	120.1	118.3	120.3	127.7	123.9	120.6	76.5	89.3	107.7	324.1	684.9	15.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000059

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.3 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 123.9 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.6

POST EVACUATION(2) (Loop:10/12) 06/05/2015 21:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:20	0:00:00	29.1	29.2	30.0	35.3	46.3	119.0	120.1	119.8	117.1	120.1	120.1	118.3	120.3	127.7	123.9	120.6	76.5	89.3	107.7	324.1	684.9	15.9
18:05:20	0:02:00	26.4	26.5	30.0	33.4	45.1	117.9	118.8	118.4	116.6	118.9	118.7	117.9	119.6	126.6	128.7	120.5	76.5	94.7	107.6	324.1	684.9	14.4
18:07:21	0:04:00	23.6	23.8	30.0	32.5	44.3	117.6	118.3	118.1	116.3	118.4	118.4	117.5	119.3	125.6	128.6	120.4	76.6	97.3	107.6	324.1	684.9	12.9
18:09:21	0:06:00	20.9	21.0	30.0	31.2	42.6	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.8	128.6	120.2	76.5	98.8	107.6	324.1	684.9	12.9

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/05/2015 21:12:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:40	0:36:20	20.5	20.6	30.0	31.2	42.7	117.3	118.1	117.8	116.0	118.2	118.1	117.3	120.3	127.4	128.6	120.1	76.5	99.0	107.6	324.1	684.9	12.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 123.8 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:11/12) 06/05/2015 21:12:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:40	0:00:00	20.5	20.6	30.0	31.2	42.7	117.3	118.1	117.8	116.0	118.2	118.1	117.3	120.3	127.4	128.6	120.1	76.5	99.0	107.6	324.1	684.9	12.9
18:11:40	0:02:00	23.3	23.4	30.0	33.4	44.5	118.4	119.4	119.2	116.6	119.6	119.5	118.0	120.4	127.6	128.4	120.0	76.6	95.5	107.6	324.1	684.9	14.4
18:13:40	0:04:00	26.0	26.1	30.0	34.4	45.3	118.8	119.8	119.7	116.9	119.9	119.9	118.2	120.4	127.8	128.4	119.8	76.6	92.2	107.5	324.1	684.9	14.5
18:15:40	0:06:00	28.6	28.8	30.0	35.3	46.3	119.0	119.9	119.9	117.1	120.1	120.1	118.4	120.3	127.7	128.2	119.8	76.6	89.5	107.5	324.1	684.9	14.4

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/05/2015 21:18:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:03	0:06:23	29.1	29.2	30.0	35.3	46.2	119.0	120.1	119.9	117.1	120.1	120.1	118.4	119.8	125.0	128.2	119.8	76.6	89.1	107.5	324.1	684.9	14.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.6 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:11/12) 06/05/2015 21:18:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:03	0:00:00	29.1	29.2	30.0	35.3	46.2	119.0	120.1	119.9	117.1	120.1	120.1	118.4	119.8	125.0	128.2	119.8	76.6	89.1	107.5	324.1	684.9	14.4
18:18:03	0:02:00	26.4	26.5	30.0	33.0	44.5	117.9	118.8	118.5	116.6	118.8	118.7	117.9	120.1	126.0	128.1	119.6	76.6	94.7	107.6	324.1	684.8	12.9
18:20:03	0:04:00	23.6	23.7	30.0	32.1	43.6	117.6	118.3	118.1	116.3	118.5	118.4	117.6	120.3	126.9	128.0	119.3	76.5	97.3	107.5	324.1	684.8	11.4
18:22:03	0:06:00	20.9	21.0	30.0	31.2	42.7	117.3	118.2	117.9	116.0	118.2	118.2	117.3	120.4	127.4	127.6	119.3	76.5	98.7	107.5	324.1	684.9	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/05/2015 21:24:44

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000060

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
18:22:23	0:06:20	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.9	116.1	118.2	118.2	117.3	119.8	124.6	127.5	119.2	76.5	98.8	107.4	324.1	684.8	11.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.2 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:12/12) 06/05/2015 21:24:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:23	0:00:00	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.9	116.1	118.2	118.2	117.3	119.8	124.6	127.5	119.2	76.5	98.8	107.4	324.1	684.8	11.4
18:24:23	0:02:00	23.3	23.4	30.0	33.0	43.8	118.5	119.4	119.3	116.7	119.6	119.6	118.0	119.9	125.2	127.5	119.1	76.5	95.4	107.4	324.1	684.8	12.9
18:26:24	0:04:00	26.0	26.1	30.0	34.3	45.2	118.8	119.8	119.7	117.0	120.0	120.0	118.3	119.9	125.3	127.3	119.0	76.5	92.1	107.4	324.1	684.8	12.9
18:28:24	0:06:00	28.6	28.7	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.1	120.1	118.3	120.0	125.8	127.3	118.8	76.5	89.5	107.4	324.1	684.8	12.9

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/05/2015 21:31:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:28:40	0:06:17	29.1	29.2	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.2	120.2	118.4	119.3	123.5	127.3	118.8	76.5	89.2	107.4	324.1	684.9	12.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.7 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:12/12) 06/05/2015 21:31:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:28:40	0:00:00	29.1	29.2	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.2	120.2	118.4	119.3	123.5	127.3	118.8	76.5	89.2	107.4	324.1	684.9	12.9
18:30:40	0:02:00	26.4	26.5	30.0	32.5	43.8	118.0	118.8	118.5	116.7	118.8	118.8	117.9	119.4	123.4	127.0	122.4	76.6	94.8	107.8	324.1	684.8	11.4
18:32:40	0:04:00	23.7	23.8	30.0	31.6	43.0	117.6	118.3	118.1	116.4	118.5	118.4	117.6	119.8	124.3	126.9	122.2	76.6	97.5	107.8	324.1	684.8	9.9
18:34:40	0:06:00	21.0	21.0	30.0	30.7	42.0	117.4	118.3	117.9	116.1	118.3	118.2	117.4	120.1	125.5	126.8	122.1	76.6	98.8	107.8	324.1	684.9	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/05/2015 21:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:59	0:06:19	20.5	20.6	30.0	30.3	41.4	117.3	118.2	117.9	116.0	118.2	118.2	117.3	119.0	123.4	126.7	122.0	76.6	99.2	107.8	324.1	684.8	9.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.3 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.7 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(2) 06/05/2015 21:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:59	0:00:00	20.5	20.6	30.0	30.3	41.4	117.3	118.2	117.9	116.0	118.2	118.2	117.3	119.0	123.4	126.7	122.0	76.6	99.2	107.8	324.1	684.8	9.9
18:35:59	0:01:00	21.9	22.0	30.0	31.6	42.5	118.0	118.9	118.8	116.4	119.1	119.1	117.7	119.2	123.4	126.7	122.0	76.6	97.5	107.8	324.1	684.9	11.4
18:36:59	0:02:00	23.3	23.4	30.0	32.5	43.1	118.5	119.6	119.3	116.8	119.6	119.6	118.1	119.0	122.7	126.6	121.9	76.6	95.7	107.8	324.1	684.9	11.4
18:38:00	0:03:00	24.6	24.7	30.0	33.4	44.2	118.7	119.7	119.5	116.9	119.8	119.8	118.2	119.4	123.7	126.5	121.8	76.6	94.0	107.8	324.1	684.9	11.4
18:39:00	0:04:00	26.0	26.1	30.0	33.5	44.0	118.9	119.8	119.7	117.1	120.0	120.0	118.4	119.3	123.2	126.6	121.7	76.6	92.4	107.8	324.1	684.8	11.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000061

CYCLE NO: 0000000149

STERILIZER NUMBER: 0001033693

18:40:00	0:05:00	27.3	27.5	30.0	34.3	45.1	118.9	119.9	119.8	117.1	120.1	120.0	118.4	119.6	124.1	126.5	121.6	76.6	91.0	107.8	324.1	684.9	11.4
18:41:00	0:06:01	28.6	28.7	30.0	34.3	45.1	118.9	119.9	119.8	117.1	120.1	120.1	118.4	119.6	123.7	126.3	121.6	76.7	89.7	107.8	324.1	684.9	11.4

AIR BACKFILL(2) SUMMARY 06/05/2015 21:43:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:41:16	0:06:16	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.8 MAX GAS TEMP: 076.7
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

END OF CYCLE 06/05/2015 21:43:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:41:16	0:00:00	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

DRUM 1 EMPTY ALARM RESET 06/05/2015 21:43:37

18:41:16	0:00:00	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000062

Aeration Validation

Set "A"

Sterilization Cycle# CB500304

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500304 Load Number: Dunnage Load

Date Cycle Completed: June 11, 2015 Time Cycle Completed: 18:44

Date Aeration Completed: June 12, 2015 Time Aeration Completed: 21:00

Notes: Chamber B (STE14-030/031), (Set C: 1X), (Set A: 2 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	102.3	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	47	40	70	%
Room RH Max	54	40	70	%
PCR Elapsed Time	15:45	12:00	96:00	Hrs:Min
Load Time	15	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	92	38	390	Minutes
Chamber Moisture Min	53.5	18.3	86.3	mg/L
Chamber Moisture Max	64.8	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	28.2*	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	20.4	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.2	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.9	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	117.2	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	332.0	200	480	mg/L
Gas Concentration Max	425.6	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.1	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.1	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.1	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.1	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.1	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.1	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.1	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.1	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.1	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.1	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.1	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.1	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.1	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:10	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	105	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	121.0	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.2 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 20:15	DATE: 6-10-15
CB500304	CYCLE LOAD TIME: 00:00	DATE: 6-11-15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: GB

STARTING PCR TEMP: 102.3 STARTING PCR TIME: 8:15 START PCR DATE: 6/10/15

PCR MIN RH: 47 PCR MIN TEMP: 103

PCR MAX RH: 54 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: AK PCR CIRCULATOR RUNNING: KB

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013979			
STE14-030	6 Pallet	Residuals	(Set C: 1X)		(Set A: 2 of 3X)

CYCLE START TIME: ~~00:13~~ 00:15 CYCLE START DATE: 06-11-15 ETC RUN #: 151

CYCLE END TIME: 18:44 CYCLE END DATE: 6/11/15 PRIMARY START TIME: 20:50

PRIMARY END TIME: 21:00 PRIMARY END DATE: 6/12/15 MIN TEMP: 105 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: KB

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: K. Browning Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

COVIDIEN

CHAMBER 103369-3

DATE: 06/11/2015
TIME: 12:15:01 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000151

LOAD NUMBER 1: CB500304
LOAD NUMBER 2: 5013979
LOAD NUMBER 3: STE14-030 6PALLET RESIDUALS
LOAD NUMBER 4: (SET C:1X) (SET A:2 OF 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001120

CYCLE TYPE : EtO
Test Vacuum : Yes
Nitrogen Blanket : Yes
Gas Makeup : N2
Aeration : No

TEMPERATURE UNIT : °F
PRESURE UNIT : ''HgA
WEIGHT UNIT : Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000070

PHASE 03 STERILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000071

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000072

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000073

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000074

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/11/2015 00:15:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	~~CALC.~~ HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.2	30.3	29.9	38.9	61.3	112.1	113.0	112.6	110.6	113.0	112.7	111.3	118.9	127.5	126.1	122.9	81.1	78.6	108.9	324.0	669.7	0.9
	CHAMBER LOW TEMPERATURE WARNING					06/11/2015 00:15:01																	
0:00:00	0:00:00	30.2	30.3	29.9	38.9	61.3	112.1	113.0	112.6	110.6	113.0	112.7	111.3	118.9	127.5	126.1	122.9	81.1	78.6	108.9	324.0	669.6	0.8
	ALARM SILENCED (Akong)					06/11/2015 00:15:29																	
0:00:28	0:00:28	29.5	29.7	29.9	39.3	62.0	112.0	113.0	112.5	110.6	113.0	112.5	111.2	118.8	125.0	126.1	122.9	81.1	81.8	108.8	324.0	669.7	0.8
0:01:00	0:01:00	28.8	29.0	29.9	38.9	61.6	111.9	112.8	112.3	110.5	112.8	112.3	111.2	119.3	127.3	126.1	122.9	81.1	85.4	108.8	324.0	669.7	0.8
0:02:00	0:02:00	27.4	27.6	29.9	38.4	61.2	111.7	112.7	112.1	110.3	112.6	112.2	111.0	119.2	126.1	126.1	122.8	81.0	89.5	108.8	324.0	669.7	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000075

0:03:00	0:03:00	26.0	26.2	29.9	38.0	60.4	111.7	112.7	112.1	110.3	112.8	112.1	111.0	118.9	124.8	126.0	122.7	81.0	91.8	108.8	324.0	669.7	0.9
0:04:00	0:04:00	24.7	24.9	29.9	37.1	59.0	111.7	112.7	112.0	110.3	112.8	112.1	111.0	118.8	125.6	126.0	122.8	81.0	93.3	108.8	324.0	669.7	0.9
0:05:00	0:05:00	23.3	23.5	29.9	36.6	58.2	111.7	112.8	112.1	110.3	112.8	112.1	111.2	119.3	127.6	125.9	122.6	80.9	94.6	108.8	324.0	669.7	0.8
0:06:01	0:06:01	22.0	22.1	29.9	36.2	57.5	111.7	112.8	112.1	110.3	112.8	112.1	111.0	119.8	127.7	125.9	122.6	80.8	95.5	108.8	324.0	669.7	0.9
0:07:01	0:07:01	20.6	20.8	29.9	35.7	56.9	111.7	112.8	112.0	110.2	112.8	112.2	111.0	119.6	126.7	125.9	122.5	80.8	96.1	108.8	324.0	669.7	0.9

INITIAL EVACUATION(1) SUMMARY 06/11/2015 00:22:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:06	0:07:06	20.5	20.6	29.9	35.3	56.0	111.8	112.9	112.1	110.3	112.9	112.2	111.0	119.6	126.1	125.9	122.6	80.8	96.2	108.8	324.0	669.7	0.9

START PRESS: 0030.2 MAX PRESS: 0030.2 MAX TEMP: 113.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.1 MAX GAS TEMP: 081.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 110.9 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.8 MIN GAS TEMP: 080.8
PRESS CHANGE: 009.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 123.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.5

STABILIZATION 06/11/2015 00:22:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:06	0:00:00	20.5	20.6	29.9	35.3	56.0	111.8	112.9	112.1	110.3	112.9	112.2	111.0	119.6	126.1	125.9	122.6	80.8	96.2	108.8	324.0	669.7	0.9
0:08:06	0:01:00	20.5	20.7	29.9	36.2	56.5	112.4	113.5	112.8	110.9	113.5	112.9	111.8	119.2	125.0	125.8	122.4	80.7	94.8	108.8	324.0	669.7	0.9
0:09:06	0:02:00	20.5	20.7	29.9	37.1	57.3	112.8	113.9	113.2	111.3	113.9	113.2	112.2	119.0	124.8	125.7	122.4	80.6	93.1	108.8	324.0	669.7	0.9
0:10:06	0:03:00	20.6	20.7	29.9	37.1	56.9	113.0	114.2	113.4	111.6	114.2	113.6	112.6	119.2	126.5	125.7	122.4	80.6	91.5	108.8	324.0	669.7	0.9
0:11:07	0:04:00	20.6	20.7	29.9	38.0	58.0	113.2	114.4	113.6	111.8	114.4	113.8	112.8	119.8	127.9	125.8	122.3	80.6	90.1	108.8	324.0	669.7	0.9
0:12:07	0:05:00	20.6	20.8	29.9	38.9	59.2	113.3	114.5	113.7	111.9	114.6	113.9	112.9	120.0	127.7	125.7	122.1	80.4	88.9	108.8	324.0	669.7	0.9
0:13:07	0:06:01	20.6	20.8	29.9	39.3	59.5	113.6	114.7	113.9	112.2	114.7	114.1	113.1	120.0	127.3	125.6	122.1	80.5	87.9	108.8	324.0	669.7	0.9
0:14:07	0:07:01	20.6	20.8	29.9	39.8	60.1	113.6	114.8	114.0	112.2	114.9	114.3	113.3	119.9	126.4	125.6	122.0	80.5	86.9	108.9	324.0	669.7	0.9
0:15:07	0:08:01	20.6	20.8	29.9	40.3	60.5	113.8	115.0	114.2	112.4	115.0	114.4	113.5	119.8	125.6	125.5	122.0	80.4	86.0	108.9	324.0	669.7	0.9
0:16:07	0:09:01	20.6	20.8	29.9	40.7	60.9	114.0	115.1	114.3	112.6	115.1	114.5	113.7	119.6	125.0	125.4	121.9	80.4	85.3	108.9	324.0	669.7	0.8

STABILIZATION SUMMARY 06/11/2015 00:32:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:06	0:10:00	20.7	20.8	29.9	40.7	60.6	114.2	115.3	114.5	112.8	115.3	114.7	113.7	119.6	125.1	125.3	121.8	80.3	84.6	108.8	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 115.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.9 MAX GAS TEMP: 080.8
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 111.0 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.3 MIN GAS TEMP: 080.3
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.8

LEAK CHECK 06/11/2015 00:32:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:06	0:00:00	20.7	20.8	29.9	40.7	60.6	114.2	115.3	114.5	112.8	115.3	114.7	113.7	119.6	125.1	125.3	121.8	80.3	84.6	108.8	324.0	669.7	0.9
0:18:06	0:01:00	20.7	20.8	29.9	41.2	61.0	114.3	115.5	114.7	112.9	115.5	114.8	113.9	119.6	125.0	125.3	121.7	80.2	84.1	108.9	324.0	669.7	0.9
0:19:06	0:02:00	20.7	20.8	29.9	41.6	61.7	114.4	115.5	114.7	113.0	115.5	114.8	114.0	119.6	125.0	125.2	121.7	80.2	83.5	108.8	324.0	669.7	0.9
0:20:07	0:03:00	20.7	20.9	29.9	42.1	62.0	114.6	115.7	114.9	113.2	115.7	115.0	114.2	119.8	125.2	125.2	121.6	80.2	83.0	108.9	324.0	669.7	0.8
0:21:07	0:04:00	20.7	20.9	29.9	42.5	62.5	114.7	115.8	115.0	113.3	115.8	115.2	114.3	119.8	125.1	125.2	121.6	80.2	82.6	108.9	324.0	669.7	0.9

LEAK CHECK SUMMARY 06/11/2015 00:37:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:06	0:05:00	20.7	20.9	29.9	42.5	62.4	114.7	115.8	115.0	113.4	115.9	115.3	114.4	119.6	124.9	125.2	121.5	80.1	82.2	108.9	324.0	669.7	0.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000076

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

START PRESS: 0020.7 MAX PRESS: 0020.7 MAX TEMP: 115.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.4 MAX GAS TEMP: 080.4
END PRESS: 0020.7 MIN PRESS: 0020.7 MIN TEMP: 113.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 080.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL N2 WASH(1) (Loop:1/5) 06/11/2015 00:37:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:06	0:00:00	20.7	20.9	29.9	42.5	62.4	114.7	115.8	115.0	113.4	115.9	115.3	114.4	119.6	124.9	125.2	121.5	80.1	82.2	108.9	324.0	669.7	0.8
0:23:06	0:01:00	22.0	22.2	29.9	43.9	63.6	115.2	116.3	115.6	113.8	116.3	115.8	115.0	119.3	124.3	125.1	121.4	92.9	81.8	108.9	324.0	669.7	0.9
0:24:06	0:02:00	23.4	23.6	29.9	44.8	64.2	115.6	116.7	115.9	114.3	116.7	116.2	115.4	119.4	124.3	125.1	121.3	104.9	81.6	108.8	324.0	669.7	0.8
0:25:07	0:03:00	24.8	24.9	29.9	44.8	63.8	115.8	116.9	116.1	114.5	116.9	116.4	115.7	119.6	124.4	125.0	121.2	110.0	81.3	108.8	324.0	669.7	0.8
0:26:07	0:04:00	26.1	26.3	29.9	45.3	64.1	116.1	117.1	116.3	114.8	117.1	116.4	116.0	119.6	124.1	125.1	121.1	111.7	81.1	108.8	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/11/2015 00:42:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:05:00	27.5	27.7	29.9	45.7	64.6	116.2	117.1	116.4	115.0	117.2	116.7	116.2	119.6	124.6	124.9	120.9	112.4	81.0	108.8	324.0	669.7	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 117.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 112.4
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 114.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.9 MIN GAS TEMP: 080.1
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.9

INITIAL EVACUATION(2) (Loop:1/5) 06/11/2015 00:42:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:00:00	27.5	27.7	29.9	45.7	64.6	116.2	117.1	116.4	115.0	117.2	116.7	116.2	119.6	124.6	124.9	120.9	112.4	81.0	108.8	324.0	669.7	0.9
0:28:06	0:01:00	26.2	26.3	29.9	43.4	62.8	115.3	116.3	115.5	114.2	116.4	115.8	115.3	119.6	124.6	124.9	120.8	109.9	87.3	108.8	324.0	669.6	0.9
0:29:06	0:02:00	24.8	24.9	29.9	41.6	60.9	114.8	115.8	115.1	113.7	115.8	115.3	114.6	119.6	124.4	124.9	120.8	106.5	91.3	108.8	324.0	669.7	0.9
0:30:07	0:03:00	23.5	23.6	29.9	40.3	59.2	114.6	115.6	114.9	113.4	115.7	115.0	114.4	119.6	124.6	124.9	120.7	103.3	93.4	108.8	324.0	669.7	0.8
0:31:07	0:04:00	22.0	22.2	29.9	38.9	57.3	114.6	115.6	114.8	113.4	115.5	114.9	114.3	119.8	125.0	124.8	120.7	100.7	95.1	108.8	324.0	669.7	0.9
0:32:07	0:05:00	20.7	20.8	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.9	125.2	124.8	120.6	98.3	96.2	108.8	324.0	669.6	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/11/2015 00:47:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:17	0:05:11	20.5	20.6	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.2	123.4	124.9	120.6	98.0	96.3	108.9	324.0	669.7	0.6

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.0 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.7 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

INITIAL N2 WASH(1) (Loop:2/5) 06/11/2015 00:47:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:17	0:00:00	20.5	20.6	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.2	123.4	124.9	120.6	98.0	96.3	108.9	324.0	669.7	0.6
0:33:17	0:01:00	21.8	22.0	29.9	38.9	56.0	115.4	116.4	115.7	114.2	116.4	115.9	115.3	119.3	123.9	124.7	120.5	102.3	94.8	108.8	324.0	669.7	0.9
0:34:17	0:02:00	23.2	23.3	29.9	39.8	56.5	116.0	116.9	116.3	114.7	117.0	116.6	115.9	119.3	124.0	124.7	120.3	108.3	93.2	108.8	324.0	669.7	0.9
0:35:17	0:03:00	24.5	24.7	29.9	40.7	57.3	116.3	117.2	116.6	115.0	117.3	116.9	116.3	119.0	122.9	124.5	120.2	111.0	91.6	108.8	324.0	669.6	0.8
0:36:17	0:04:00	25.9	26.1	29.9	40.7	57.0	116.5	117.4	116.7	115.3	117.5	117.0	116.5	119.3	123.8	124.6	120.1	112.0	90.3	108.8	324.0	669.6	0.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000077

0:37:17	0:05:00	27.3	27.4	29.9	41.2	57.4	116.6	117.4	116.9	115.5	117.6	117.2	116.8	119.6	124.1	124.5	120.0	112.4	89.1	108.8	324.0	669.6	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/11/2015 00:52:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:28	0:05:11	27.5	27.7	29.9	41.2	57.3	116.7	117.6	116.9	115.6	117.6	117.2	116.8	119.2	124.3	124.5	120.0	112.4	89.0	108.7	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.4
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.1 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 124.5 MIN GAS TEMP: 097.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

INITIAL EVACUATION(2) (Loop:2/5) 06/11/2015 00:52:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:28	0:00:00	27.5	27.7	29.9	41.2	57.3	116.7	117.6	116.9	115.6	117.6	117.2	116.8	119.2	124.3	124.5	120.0	112.4	89.0	108.7	324.0	669.7	0.9
0:38:28	0:01:00	26.1	26.3	29.9	39.8	56.7	115.8	116.8	116.0	114.7	116.8	116.3	115.8	118.9	123.5	124.5	119.8	110.0	92.2	108.8	324.0	669.7	0.8
0:39:28	0:02:00	24.8	25.0	29.9	38.0	54.8	115.3	116.3	115.6	114.2	116.3	115.8	115.3	119.2	123.9	124.3	119.8	106.9	94.7	108.7	324.0	669.6	0.8
0:40:28	0:03:00	23.4	23.5	29.9	36.6	53.2	115.1	116.1	115.4	114.0	116.2	115.5	115.0	119.0	123.4	124.5	119.7	104.0	96.1	108.7	324.0	669.7	0.9
0:41:28	0:04:00	22.1	22.2	29.9	36.2	52.7	115.0	115.8	115.3	113.8	116.0	115.4	114.8	119.2	123.7	124.5	119.7	101.6	97.1	108.8	324.0	669.7	0.9
0:42:28	0:05:00	20.7	20.8	29.9	35.3	51.5	114.9	115.8	115.2	113.8	115.8	115.3	114.6	119.2	123.3	124.3	119.6	99.4	97.8	108.7	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/11/2015 00:57:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:36	0:05:09	20.5	20.6	29.9	35.3	51.5	114.9	115.8	115.2	113.7	115.8	115.3	114.6	119.0	124.9	124.4	119.6	99.1	97.9	108.7	324.0	669.7	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.5 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.3 MIN GAS TEMP: 099.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

INITIAL N2 WASH(1) (Loop:3/5) 06/11/2015 00:57:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:37	0:00:00	20.5	20.6	29.9	35.3	51.5	114.9	115.8	115.2	113.7	115.8	115.3	114.6	119.0	124.9	124.4	119.6	99.1	97.9	108.7	324.0	669.7	0.8
0:43:37	0:01:00	21.9	22.0	29.9	36.2	51.5	115.9	116.8	116.2	114.6	116.8	116.4	115.8	119.3	125.9	124.3	119.5	102.4	96.5	108.7	324.0	669.7	0.9
0:44:37	0:02:00	23.2	23.4	29.9	37.1	52.0	116.5	117.4	116.7	115.3	117.4	117.0	116.5	119.2	124.6	124.2	119.3	108.0	94.8	108.7	324.0	669.6	0.9
0:45:37	0:03:00	24.6	24.7	29.9	38.0	52.9	116.7	117.6	117.0	115.6	117.6	117.3	116.8	118.9	123.9	124.2	119.3	110.6	93.3	108.7	324.0	669.7	0.9
0:46:37	0:04:00	25.9	26.1	29.9	38.4	53.2	116.9	117.8	117.2	115.8	117.9	117.5	117.1	119.2	124.2	124.1	119.2	111.5	91.8	108.7	324.0	669.7	0.9
0:47:37	0:05:00	27.3	27.5	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.0	117.6	117.3	118.9	123.7	129.1	119.1	111.8	90.6	108.6	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/11/2015 01:02:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:46	0:05:09	27.5	27.7	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.1	117.6	117.3	119.4	126.1	129.3	119.1	111.9	90.5	108.7	324.0	669.7	0.8

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.3 MAX GAS TEMP: 111.9
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL EVACUATION(2) (Loop:3/5) 06/11/2015 01:02:47

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000078

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:46	0:00:00	27.5	27.7	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.1	117.6	117.3	119.4	126.1	129.3	119.1	111.9	90.5	108.7	324.0	669.7	0.8
0:48:46	0:01:00	26.2	26.3	29.9	37.1	52.3	116.2	117.1	116.4	115.2	117.1	116.6	116.3	119.6	126.6	129.3	122.2	109.7	93.4	109.9	324.0	669.7	0.9
0:49:46	0:02:00	24.8	24.9	29.9	35.7	51.1	115.7	116.6	115.9	114.6	116.6	116.2	115.7	119.4	125.7	129.0	122.3	106.8	95.6	109.1	324.0	669.7	0.8
0:50:46	0:03:00	23.5	23.6	29.9	34.8	50.0	115.5	116.4	115.7	114.4	116.4	115.9	115.5	119.0	124.7	128.8	122.3	104.1	96.7	109.0	324.0	669.7	0.9
0:51:46	0:04:00	22.0	22.2	29.9	34.3	49.5	115.4	116.3	115.6	114.3	116.3	115.9	115.3	119.2	124.8	128.8	122.2	101.7	97.6	109.0	324.0	669.7	0.9
0:52:46	0:05:00	20.7	20.9	29.9	33.4	48.4	115.3	116.2	115.5	114.2	116.2	115.7	115.3	119.0	124.3	128.8	122.2	99.6	98.3	109.1	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/11/2015 01:07:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:55	0:05:09	20.5	20.6	29.9	33.4	48.4	115.2	116.2	115.5	114.1	116.2	115.8	115.3	119.6	126.7	128.9	122.2	99.3	98.3	109.1	324.0	669.7	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.4 MAX GAS TEMP: 111.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.8 MIN GAS TEMP: 099.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL N2 WASE(1) (Loop:4/5) 06/11/2015 01:07:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:55	0:00:00	20.5	20.6	29.9	33.4	48.4	115.2	116.2	115.5	114.1	116.2	115.8	115.3	119.6	126.7	128.9	122.2	99.3	98.3	109.1	324.0	669.7	0.9
0:53:55	0:01:00	21.8	22.0	29.9	34.8	49.2	116.2	117.1	116.4	115.0	117.1	116.7	116.1	119.8	126.9	128.8	122.1	103.4	97.0	109.0	324.0	669.6	0.9
0:54:55	0:02:00	23.2	23.3	29.9	35.7	49.6	116.7	117.7	117.0	115.6	117.7	117.3	116.9	119.4	126.4	128.8	121.9	109.6	95.3	109.1	324.0	669.7	0.9
0:55:56	0:03:00	24.5	24.7	29.9	36.2	49.9	117.0	117.8	117.3	116.0	117.9	117.6	117.2	119.6	126.4	128.8	121.8	112.5	93.8	109.1	324.0	669.7	0.9
0:56:56	0:04:00	25.9	26.0	29.9	36.6	50.2	117.3	118.1	117.6	116.3	118.1	117.8	117.4	119.3	125.9	128.7	121.7	113.5	92.4	109.0	324.0	669.6	0.9
0:57:56	0:05:00	27.3	27.5	29.9	37.1	50.7	117.4	118.2	117.6	116.5	118.2	117.9	117.7	119.6	126.6	128.6	121.6	113.8	91.1	109.0	324.0	669.7	0.9

INITIAL N2 WASE(1) (Loop:4/5) SUMMARY 06/11/2015 01:13:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:05	0:05:10	27.5	27.7	29.9	37.0	50.6	117.4	118.2	117.7	116.5	118.3	117.9	117.7	120.3	128.0	128.7	121.6	113.9	91.0	109.1	324.0	669.7	0.8

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 113.9
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.6 MIN GAS TEMP: 099.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL EVACUATION(2) (Loop:4/5) 06/11/2015 01:13:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:05	0:00:00	27.5	27.7	29.9	37.0	50.6	117.4	118.2	117.7	116.5	118.3	117.9	117.7	120.3	128.0	128.7	121.6	113.9	91.0	109.1	324.0	669.7	0.8
0:59:05	0:01:00	26.1	26.3	29.9	35.3	49.3	116.6	117.4	116.7	115.6	117.4	116.9	116.7	120.0	127.6	128.6	121.5	111.6	93.8	109.0	324.0	669.7	0.8
1:00:05	0:02:00	24.8	25.0	29.9	34.3	48.6	116.1	116.9	116.3	115.0	116.9	116.4	116.1	120.0	127.7	128.6	121.4	108.6	95.7	109.0	324.0	669.7	0.8
1:01:05	0:03:00	23.4	23.5	29.9	33.4	47.6	115.8	116.6	116.1	114.8	116.7	116.2	115.8	119.8	126.9	128.6	121.3	105.8	97.1	109.1	324.0	669.7	0.8
1:02:05	0:04:00	22.0	22.2	29.9	33.0	47.2	115.7	116.5	116.0	114.6	116.5	116.1	115.6	119.8	126.9	128.5	121.2	103.2	97.9	109.0	324.0	669.6	0.9
1:03:06	0:05:00	20.7	20.8	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	119.3	125.8	128.4	121.2	101.1	98.7	109.1	324.0	669.6	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/11/2015 01:18:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:15	0:05:10	20.5	20.6	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	120.1	127.7	128.4	121.2	100.7	98.7	109.0	324.0	669.6	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000079

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.7 MAX GAS TEMP: 113.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 128.4 MIN GAS TEMP: 100.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL N2 WASH(1) (Loop:5/5) 06/11/2015 01:18:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:15	0:00:00	20.5	20.6	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	120.1	127.7	128.4	121.2	100.7	98.7	109.0	324.0	669.6	0.9
1:04:15	0:01:00	21.8	22.0	29.9	33.4	46.8	116.5	117.3	116.8	115.4	117.4	117.1	116.6	120.1	127.9	128.4	121.1	103.9	97.3	109.1	324.0	669.7	0.8
1:05:15	0:02:00	23.2	23.4	29.9	34.2	47.1	117.1	117.8	117.4	116.1	117.9	117.6	117.2	119.9	127.4	128.3	121.0	109.4	95.7	109.1	324.0	669.6	0.8
1:06:15	0:03:00	24.5	24.7	29.9	35.2	48.2	117.3	118.1	117.6	116.4	118.2	117.9	117.6	120.3	127.9	128.1	120.8	111.9	94.1	109.0	324.0	669.7	1.0
1:07:15	0:04:00	25.9	26.1	29.9	35.3	48.0	117.6	118.3	117.8	116.6	118.3	118.0	117.8	120.0	127.5	128.1	120.8	112.9	92.6	109.0	324.0	669.7	0.9

CHAMBER LOW TEMPERATURE WARNING RESET 06/11/2015 01:22:37

1:07:35	0:04:20	26.3	26.5	29.9	35.3	47.9	117.6	118.3	117.8	116.7	118.4	118.1	117.9	120.1	126.3	128.0	120.7	113.0	92.2	109.0	324.0	669.7	0.9
1:08:15	0:05:00	27.3	27.5	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.0	120.1	127.8	128.0	120.6	113.2	91.4	109.0	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/11/2015 01:23:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:24	0:05:09	27.5	27.7	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.1	120.5	128.0	128.0	120.6	113.2	91.3	109.0	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 324.0 DRM2 START: 669.6 MAX PRE TEMP: 128.5 MAX GAS TEMP: 113.2
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.0 MIN GAS TEMP: 100.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL EVACUATION(2) (Loop:5/5) 06/11/2015 01:23:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:24	0:00:00	27.5	27.7	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.1	120.5	128.0	128.0	120.6	113.2	91.3	109.0	324.0	669.7	0.9
1:09:24	0:01:00	26.2	26.3	29.9	34.4	47.8	116.7	117.4	116.9	115.8	117.6	117.2	117.1	120.3	127.8	128.1	120.5	111.1	94.0	109.0	324.0	669.7	0.9
1:10:24	0:02:00	24.8	25.0	29.9	33.4	47.1	116.3	117.1	116.5	115.3	117.2	116.8	116.5	120.5	128.0	128.1	120.4	108.1	96.0	109.0	324.0	669.7	0.9
1:11:25	0:03:00	23.4	23.6	29.9	32.5	46.0	116.1	116.9	116.3	115.1	116.9	116.4	116.2	120.3	127.8	127.9	120.3	105.5	97.2	109.0	324.0	669.7	0.8
1:12:25	0:04:00	22.1	22.2	29.9	32.5	46.2	115.9	116.7	116.2	114.9	116.8	116.4	116.0	120.4	128.1	127.8	120.3	103.1	98.0	109.0	324.0	669.7	0.9
1:13:25	0:05:01	20.7	20.8	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.3	115.8	120.0	127.5	127.7	120.3	100.9	98.8	109.0	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/11/2015 01:28:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:32	0:05:07	20.5	20.6	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.2	115.8	120.3	127.8	127.7	120.3	100.7	98.8	109.0	324.0	669.7	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.2 MAX GAS TEMP: 113.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.7 MIN GAS TEMP: 100.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.2

HUMIDIFICATION(1) 06/11/2015 01:28:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:32	0:00:00	20.5	20.6	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.2	115.8	120.3	127.8	127.7	120.3	100.7	98.8	109.0	324.0	669.7	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000080

1:14:32	0:01:00	20.6	20.8	29.9	33.0	46.4	116.3	116.9	116.7	115.4	116.9	116.9	116.6	119.8	126.1	127.7	120.2	98.8	97.5	109.0	324.0	669.7	0.9
1:15:32	0:02:00	20.9	21.0	29.9	38.4	53.6	116.6	116.9	117.1	115.9	116.9	117.4	117.2	119.9	126.2	127.7	120.2	97.1	95.7	109.0	324.0	669.7	0.9
1:16:32	0:03:00	21.0	21.2	29.9	45.7	63.4	116.8	116.9	117.4	116.2	117.1	117.7	117.5	119.8	126.1	127.6	120.0	95.5	94.2	108.9	324.0	669.6	0.9
1:17:32	0:04:00	21.2	21.3	29.9	53.0	73.0	117.1	117.2	117.7	116.5	117.3	118.0	117.8	118.9	121.5	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.8

HUMIDIFICATION(1) SUMMARY 06/11/2015 01:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:34	0:04:02	21.2	21.4	29.9	53.5	73.7	117.1	117.2	117.6	116.5	117.3	117.9	117.8	118.8	121.4	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 100.7
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.6 MIN GAS TEMP: 094.2
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

HUMIDIFICATION DWELL(1) 06/11/2015 01:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:34	0:00:00	21.2	21.4	29.9	53.5	73.7	117.1	117.2	117.6	116.5	117.3	117.9	117.8	118.8	121.4	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.9
1:19:34	0:02:00	21.3	21.4	29.9	63.4	86.6	117.4	117.6	118.1	116.7	117.6	118.3	118.0	119.2	123.3	127.5	132.4	91.9	90.3	111.3	324.0	669.7	0.9
1:21:34	0:04:00	21.2	21.4	29.9	64.6	88.4	117.4	117.7	118.1	116.6	117.8	118.3	118.0	119.3	124.0	127.5	132.4	90.1	88.4	110.4	324.0	669.7	0.8
1:23:34	0:06:00	21.2	21.4	29.9	64.3	87.9	117.4	117.7	118.0	116.6	117.7	118.2	117.8	119.4	124.3	127.4	132.1	88.7	86.8	110.5	324.0	669.7	0.9
1:25:35	0:08:00	21.2	21.4	29.9	63.4	86.6	117.4	117.8	118.0	116.5	117.8	118.2	117.8	119.4	124.7	127.3	131.9	87.4	85.6	110.5	324.0	669.7	0.8
1:27:35	0:10:00	21.2	21.3	29.9	62.5	85.3	117.5	117.8	118.0	116.6	117.9	118.3	117.8	119.3	124.4	127.3	131.8	86.4	84.6	110.7	324.0	669.7	0.8
1:29:35	0:12:01	21.2	21.3	29.9	61.6	84.3	117.4	117.8	117.9	116.5	117.9	118.2	117.8	119.3	124.6	127.2	131.6	85.7	83.8	110.7	324.0	669.7	0.8
1:31:35	0:14:01	21.2	21.3	29.9	61.2	83.6	117.4	117.8	117.9	116.5	117.9	118.2	117.8	119.2	124.0	127.0	131.4	84.8	83.1	110.7	324.0	669.7	0.8
1:33:35	0:16:01	21.1	21.3	29.9	60.7	82.9	117.4	117.8	118.0	116.5	118.0	118.2	117.8	119.2	123.7	126.9	131.2	84.3	82.5	110.7	324.0	669.7	0.8
1:35:35	0:18:01	21.1	21.3	29.9	59.8	81.7	117.4	117.8	117.9	116.5	117.9	118.2	117.7	119.0	123.4	126.7	131.1	83.9	82.1	110.8	324.0	669.7	0.8
1:37:35	0:20:01	21.1	21.3	29.9	59.3	81.1	117.4	117.8	117.9	116.5	118.0	118.2	117.8	118.9	123.4	126.7	130.8	83.4	81.6	110.8	324.0	669.7	0.9
1:39:35	0:22:01	21.1	21.3	29.9	58.9	80.5	117.4	117.8	117.9	116.5	118.1	118.2	117.8	118.8	122.8	126.6	130.6	83.0	81.2	110.8	324.0	669.7	0.9
1:41:36	0:24:01	21.1	21.3	29.9	58.0	79.1	117.4	118.0	117.9	116.5	118.1	118.2	117.8	118.7	122.6	126.5	130.4	82.7	80.9	110.8	324.0	669.7	0.8
1:43:36	0:26:01	21.1	21.3	29.9	58.0	79.2	117.4	118.0	117.9	116.5	118.1	118.2	117.8	118.7	122.5	126.5	130.3	82.3	80.7	110.9	324.0	669.7	0.8
1:45:36	0:28:02	21.1	21.3	29.9	57.5	78.5	117.4	118.0	117.9	116.5	118.1	118.2	117.7	118.6	122.0	126.4	130.1	82.2	80.5	110.9	324.0	669.7	0.8
1:47:36	0:30:02	21.1	21.3	29.9	57.5	78.4	117.5	118.1	118.0	116.5	118.2	118.2	117.8	118.4	121.7	126.2	129.9	81.9	80.3	110.9	324.0	669.7	0.9
1:49:36	0:32:02	21.1	21.3	29.9	56.6	77.2	117.5	118.1	117.9	116.5	118.1	118.2	117.8	118.4	121.8	126.1	129.8	81.7	80.1	110.9	324.0	669.6	0.9
1:51:36	0:34:02	21.1	21.3	29.9	56.6	77.2	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.3	121.4	126.0	129.6	81.4	80.0	110.9	324.0	669.7	0.8
1:53:36	0:36:02	21.1	21.3	29.9	56.2	76.6	117.5	118.1	117.9	116.5	118.1	118.2	117.8	118.3	121.3	126.0	129.5	81.4	79.9	110.9	324.0	669.7	0.9
1:55:36	0:38:02	21.1	21.3	29.9	55.7	75.8	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.2	120.9	125.9	129.2	81.2	79.8	110.8	324.0	669.7	0.8
1:57:36	0:40:02	21.1	21.3	29.9	55.7	76.0	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.1	120.7	125.8	129.1	81.0	79.6	110.8	324.0	669.7	0.9
1:59:37	0:42:02	21.1	21.3	29.9	55.7	75.8	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.0	120.4	125.6	132.3	80.9	79.6	111.5	324.0	669.7	0.9
2:01:37	0:44:02	21.1	21.3	29.9	55.3	75.4	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.0	121.0	125.6	132.1	80.8	79.5	111.2	324.0	669.7	0.8
2:03:37	0:46:03	21.1	21.3	29.9	55.3	75.2	117.5	118.2	118.0	116.5	118.2	118.2	117.8	117.8	121.1	125.5	132.1	80.7	79.5	111.3	324.0	669.7	0.8
2:05:37	0:48:03	21.1	21.3	29.9	54.8	74.6	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.1	122.5	125.4	131.9	80.6	79.4	111.3	324.0	669.7	0.8
2:07:37	0:50:03	21.1	21.3	29.9	54.8	74.5	117.6	118.3	118.0	116.6	118.2	118.2	117.8	118.6	124.4	125.3	131.6	80.6	79.4	111.3	324.0	669.7	0.9
2:09:37	0:52:03	21.1	21.3	29.9	54.8	74.6	117.5	118.2	118.0	116.5	118.3	118.3	117.8	118.9	125.2	125.1	131.4	80.5	79.3	111.2	324.0	669.7	0.9
2:11:37	0:54:03	21.1	21.3	29.9	54.8	74.5	117.6	118.3	118.0	116.6	118.3	118.3	117.9	119.4	126.6	125.2	131.2	80.4	79.3	111.3	324.0	669.7	0.8
2:13:37	0:56:03	21.1	21.3	29.9	54.3	73.8	117.6	118.3	118.1	116.6	118.3	118.3	117.8	119.8	127.1	124.9	131.1	80.3	79.3	111.3	324.0	669.7	0.9
2:15:33	0:58:03	21.1	21.3	29.9	54.3	73.8	117.6	118.3	118.1	116.6	118.3	118.3	117.9	119.9	126.8	124.9	130.9	80.2	79.3	111.3	324.0	669.7	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/11/2015 02:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:34	1:00:00	21.1	21.3	29.9	54.3	73.9	117.6	118.3	118.0	116.5	118.4	118.3	117.9	119.9	127.1	124.8	130.7	80.2	79.2	111.2	324.0	669.7	0.9

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 094.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000081

END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.3 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.8 MIN GAS TEMP: 080.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

INITIAL EVACUATION(3) 06/11/2015 02:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:34	0:00:00	21.1	21.3	29.9	54.3	73.9	117.6	118.3	118.0	116.5	118.4	118.3	117.9	119.9	127.1	124.8	130.7	80.2	79.2	111.2	324.0	669.7	0.9

INITIAL EVACUATION(3) SUMMARY 06/11/2015 02:33:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:04	0:00:30	20.5	20.6	29.9	53.9	73.7	117.4	118.1	117.8	116.3	118.1	118.0	117.6	119.2	125.1	124.8	130.7	80.2	83.1	111.2	324.0	669.7	0.9

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 080.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 080.2
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.7

STERILANT INJECTION(1) 06/11/2015 02:33:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:04	0:00:00	20.5	20.6	29.9	53.9	73.7	117.4	118.1	117.8	116.3	118.1	118.0	117.6	119.2	125.1	124.8	130.7	80.2	83.1	111.2	324.0	669.7	0.9
2:19:04	0:01:00	21.1	21.3	29.9	54.3	74.0	117.5	118.2	118.0	116.5	118.2	118.3	117.8	119.0	123.4	124.8	129.9	110.5	83.2	111.2	324.0	660.6	0.8
2:20:04	0:02:00	21.8	22.0	29.9	56.2	76.6	117.5	118.1	118.0	116.4	118.1	118.3	117.7	118.0	121.8	124.6	128.9	111.2	82.7	111.2	324.0	660.5	39.9
2:21:04	0:03:00	22.6	22.7	29.9	58.9	80.9	117.2	117.8	117.8	116.1	117.9	118.1	117.4	119.2	123.8	124.5	131.9	115.4	82.2	112.0	324.0	660.2	92.7
2:22:05	0:04:00	23.3	23.4	29.9	60.7	83.2	117.3	117.8	117.8	116.2	117.9	118.1	117.6	118.0	121.5	124.3	130.9	114.4	81.9	111.5	324.0	659.2	148.3
2:23:05	0:05:00	24.0	24.1	29.9	62.5	85.5	117.4	117.8	117.9	116.4	117.9	118.1	117.6	119.2	124.1	124.2	130.0	113.2	81.6	111.4	324.0	658.2	202.6
2:24:05	0:06:00	24.6	24.8	29.9	64.3	87.9	117.4	118.0	117.9	116.4	118.0	118.2	117.7	118.1	121.7	123.9	129.0	112.5	81.3	111.3	324.0	657.3	256.8
2:25:05	0:07:01	25.3	25.5	29.9	66.1	90.9	117.2	117.7	117.7	116.2	117.8	118.0	117.4	119.2	124.0	128.8	131.9	113.7	81.1	112.4	324.0	657.3	312.5
2:26:05	0:08:01	26.0	26.1	29.9	67.5	93.4	116.9	117.4	117.5	115.9	117.4	117.8	117.0	118.8	124.8	128.6	131.1	112.4	80.8	111.6	324.0	657.3	369.8
2:27:05	0:09:01	26.6	26.8	29.9	68.4	95.3	116.7	117.1	117.3	115.6	117.2	117.6	116.8	118.7	123.0	128.3	130.5	112.2	80.7	111.5	324.0	657.3	427.1
2:28:05	0:10:01	27.3	27.5	29.9	68.9	95.4	116.9	117.4	117.5	115.8	117.5	117.8	116.9	118.7	122.9	128.0	130.0	113.5	80.6	111.5	324.0	651.0	479.9
2:29:05	0:11:01	28.0	28.1	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.6	127.7	128.8	111.5	80.4	111.4	323.9	649.3	531.2

STERILANT INJECTION(1) SUMMARY 06/11/2015 02:44:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:06	0:11:01	28.0	28.2	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.5	127.7	128.8	111.7	80.4	111.4	323.9	649.3	532.3

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.8 MAX GAS TEMP: 117.7
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.7 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 123.8 MIN GAS TEMP: 108.4
PRESS CHANGE: 007.5 ETO USED 1: 000.1 ETO USED 2: 020.4 MAX VAP TEMP: 131.9
EO USED PHASE: 020.4 EO USED CYCLE:020.4 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/11/2015 02:44:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:06	0:00:00	28.0	28.2	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.5	127.7	128.8	111.7	80.4	111.4	323.9	649.3	532.3
2:30:06	0:01:00	28.7	28.8	29.9	71.6	98.9	117.0	117.4	117.5	116.0	117.5	117.8	117.1	119.0	125.7	127.5	131.9	109.8	80.3	112.2	323.9	649.3	582.5

N2 BLANKET(1) SUMMARY 06/11/2015 02:45:35

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000082

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
2:30:34	0:01:2	29.0	29.2	29.9	72.0	99.3	117.1	117.6	117.6	116.1	117.6	117.9	117.2	119.6	125.3	127.3	131.8	110.8	80.2	111.8	323.9	649.3	605.0

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.7 MAX GAS TEMP: 113.7
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.3 MIN GAS TEMP: 109.7
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 128.7

EXPOSURE (1) 06/11/2015 02:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:34	0:00:00	29.0	29.2	29.9	72.0	99.3	117.1	117.6	117.6	116.1	117.6	117.9	117.2	119.6	125.3	127.3	131.8	110.8	80.2	111.8	323.9	649.3	605.0
2:31:35	0:01:00	29.0	29.1	29.9	72.1	99.1	117.1	117.7	117.6	116.2	117.8	117.9	117.4	118.0	120.5	127.1	131.8	110.4	80.2	111.8	323.9	649.3	621.7
2:32:35	0:02:00	29.0	29.1	29.9	71.6	98.3	117.2	117.8	117.6	116.3	117.8	117.9	117.4	119.6	125.3	126.9	131.6	108.4	80.0	111.7	323.9	649.3	621.7
2:33:35	0:03:00	28.9	29.1	29.9	71.6	98.2	117.3	117.8	117.7	116.3	117.9	118.0	117.5	118.0	120.5	126.7	131.6	106.4	79.9	111.7	323.9	649.3	618.6
2:34:35	0:04:00	28.9	29.0	29.9	71.6	97.8	117.4	118.0	117.8	116.4	118.1	118.1	117.6	119.4	125.2	126.6	131.4	104.6	79.8	111.7	323.9	649.3	611.1
2:35:35	0:05:00	28.8	29.0	29.9	71.6	97.8	117.4	118.0	117.8	116.5	118.1	118.1	117.6	118.1	120.5	126.4	131.4	102.8	79.7	111.8	323.9	649.3	605.0
2:36:35	0:06:01	28.8	29.0	29.9	71.6	97.6	117.5	118.1	117.9	116.5	118.2	118.2	117.7	119.6	125.5	126.2	131.4	101.2	79.7	111.8	323.9	649.3	596.0
2:37:35	0:07:01	28.8	28.9	29.9	71.6	97.6	117.5	118.1	117.9	116.5	118.2	118.2	117.7	118.0	120.6	126.0	131.1	99.6	79.6	111.8	323.9	649.3	588.4
2:38:35	0:08:01	28.7	28.9	29.9	72.0	98.1	117.5	118.2	117.9	116.6	118.2	118.2	117.8	119.6	125.3	125.8	131.1	98.3	79.5	111.7	323.9	649.3	580.9
	BEGIN GAS ADDITION (1) (Akong)					06/11/2015 02:54:32																	
2:39:30	0:08:56	28.7	28.9	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.2	117.9	118.2	120.9	125.6	131.1	97.2	79.5	111.7	323.9	649.3	574.9
2:39:35	0:09:01	28.8	29.0	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.1	120.6	125.6	131.1	97.1	79.5	111.7	323.9	649.3	574.9
	END GAS ADDITION (1) (Akong)					06/11/2015 02:54:44																	
2:39:43	0:09:09	29.0	29.2	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.0	120.3	125.6	131.1	97.2	79.5	111.7	323.9	649.3	574.9
2:40:35	0:10:01	29.0	29.2	29.9	72.5	98.5	117.6	118.3	118.0	116.6	118.4	118.4	117.9	119.8	125.9	125.4	130.8	98.3	79.5	111.7	323.9	649.3	571.8
2:41:36	0:11:01	29.0	29.1	29.9	72.5	98.5	117.6	118.3	118.0	116.6	118.4	118.4	117.9	118.2	120.8	125.2	130.8	97.1	79.4	111.7	323.9	649.3	561.3
2:42:36	0:12:01	29.0	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.8	126.1	125.1	130.7	96.0	79.4	111.7	323.9	649.3	553.7
2:43:36	0:13:01	28.9	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.3	117.9	118.2	120.8	124.9	130.5	94.8	79.4	111.7	323.9	649.3	547.7
2:44:36	0:14:01	28.9	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.9	126.4	124.8	130.5	93.9	79.4	111.7	323.9	649.3	541.7
2:45:36	0:15:01	28.9	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	118.3	121.0	124.6	130.4	93.0	79.3	111.7	323.9	649.3	535.7
2:46:36	0:16:02	28.9	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	120.0	126.8	124.4	130.3	92.1	79.3	111.7	323.9	649.3	531.1
2:47:36	0:17:02	28.8	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	118.3	121.1	124.2	130.2	91.4	79.2	111.6	323.9	649.3	526.6
2:48:36	0:18:02	28.8	29.0	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.5	118.4	118.1	120.1	127.5	124.1	130.2	90.7	79.3	111.7	323.9	649.3	522.2
2:49:37	0:19:02	28.8	29.0	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.5	118.5	118.2	118.3	121.5	126.1	130.0	90.0	79.2	111.6	323.9	649.3	517.5
2:50:37	0:20:02	28.8	28.9	29.9	72.5	97.8	117.9	118.5	118.2	117.0	118.5	118.5	118.2	120.1	127.6	128.8	130.0	89.4	79.3	111.7	323.9	649.3	513.0
2:51:37	0:21:02	28.8	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.4	121.8	128.5	129.9	88.9	79.2	111.7	323.9	649.3	510.0
2:52:37	0:22:02	28.8	28.9	29.9	72.5	97.8	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.3	126.5	128.2	129.8	88.3	79.3	111.7	323.9	649.3	507.0
2:53:37	0:23:02	28.7	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.8	122.7	128.0	129.7	87.9	79.2	111.7	323.9	649.3	502.5
2:54:37	0:24:02	28.7	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.7	119.5	128.1	129.6	87.3	79.3	111.7	323.9	649.3	498.0
	BEGIN GAS ADDITION (2) (Akong)					06/11/2015 03:10:16																	
2:55:15	0:24:41	28.7	28.9	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	120.1	128.0	127.9	129.6	87.1	79.2	111.6	323.9	649.3	494.9
	END GAS ADDITION (2) (Akong)					06/11/2015 03:10:29																	
2:55:28	0:24:53	29.0	29.2	29.9	72.5	97.4	118.0	118.7	118.4	117.1	118.6	118.6	118.2	120.1	127.0	127.8	129.6	87.8	79.2	111.6	323.9	649.3	496.5
2:55:37	0:25:03	29.0	29.2	29.9	72.9	97.9	118.1	118.7	118.4	117.2	118.7	118.7	118.3	119.8	125.8	127.8	129.5	89.3	79.3	111.7	323.9	649.3	498.0
2:56:37	0:26:03	29.0	29.2	29.9	73.1	98.2	118.0	118.7	118.3	117.2	118.7	118.6	118.3	118.1	120.7	127.7	129.4	90.5	79.2	111.6	323.9	649.3	495.0
2:57:37	0:27:03	29.0	29.2	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.4	118.7	127.5	129.3	89.7	79.2	111.6	323.9	649.3	490.4
2:58:38	0:28:03	29.0	29.1	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	126.1	127.4	129.3	89.0	79.3	111.6	323.9	649.3	484.4
2:59:38	0:29:03	29.0	29.1	29.9	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.1	120.7	127.3	129.1	88.3	79.3	111.6	323.9	649.3	481.4
3:00:38	0:30:03	29.0	29.1	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	117.3	118.8	127.2	129.1	87.8	79.2	111.6	323.9	649.3	478.4
3:01:38	0:31:03	29.0	29.1	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	119.6	125.6	127.2	129.0	87.2	79.2	111.6	323.9	649.3	475.4
3:02:38	0:32:03	28.9	29.1	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.8	120.5	127.1	132.1	86.7	79.2	112.2	323.9	649.3	472.3
3:03:38	0:33:04	28.9	29.1	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.4	124.4	126.9	132.1	86.3	79.3	111.9	323.9	649.3	470.8
3:04:38	0:34:04	28.9	29.1	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.9	123.6	126.8	132.1	85.9	79.3	111.9	323.9	649.3	467.8
3:05:38	0:35:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.7	119.7	126.7	131.9	85.6	79.3	111.9	323.9	649.3	466.3
3:06:38	0:36:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	120.0	128.2	126.6	131.9	85.1	79.3	111.9	323.9	649.3	463.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000083

3:07:38	0:37:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.4	122.0	126.6	131.8	84.9	79.4	112.0	323.9	649.3	460.2
3:08:39	0:38:04	28.9	29.0	29.9	72.0	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.5	119.1	126.6	131.6	84.7	79.5	112.0	323.9	649.3	460.2
3:09:39	0:39:04	28.8	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.8	128.8	126.3	131.6	84.3	79.4	111.9	323.9	649.3	457.2
3:10:39	0:40:04	28.8	29.0	29.9	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.5	138.9	126.2	131.6	84.2	79.4	112.0	323.9	649.3	455.8
3:11:39	0:41:04	28.8	29.0	29.9	72.3	96.4	118.3	118.9	118.6	117.4	119.0	118.9	118.6	120.0	126.1	126.3	131.4	83.9	79.4	112.1	323.9	649.3	454.3
3:12:39	0:42:04	28.8	29.0	29.9	72.1	96.3	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.7	116.2	126.1	131.2	83.7	79.4	112.0	323.9	649.3	451.2
3:13:39	0:43:05	28.8	29.0	29.9	72.0	96.6	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	115.3	125.9	131.2	83.4	79.4	112.0	323.9	649.3	451.2
3:14:39	0:44:05	28.8	29.0	29.9	72.0	96.9	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.2	115.5	125.8	131.1	83.3	79.4	111.9	323.9	649.3	448.2
3:15:39	0:45:05	28.8	28.9	29.9	72.0	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.1	116.7	125.8	131.1	83.1	79.4	111.9	323.9	649.3	446.7
3:16:40	0:46:05	28.8	28.9	29.9	72.0	97.1	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.6	127.0	125.7	130.9	83.0	79.4	111.9	323.9	649.3	445.2
3:17:40	0:47:05	28.8	28.9	29.9	72.0	97.1	117.9	118.6	118.2	117.1	118.5	118.5	118.2	118.7	125.8	125.6	130.8	82.8	79.4	111.9	323.9	649.3	442.2
3:18:40	0:48:05	28.8	28.9	29.9	72.0	97.1	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.4	125.6	125.5	130.8	82.7	79.4	111.9	323.9	649.3	442.2
3:19:40	0:49:05	28.8	28.9	29.9	72.0	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.4	125.4	130.6	82.5	79.4	111.9	323.9	649.3	440.6
3:20:40	0:50:05	28.7	28.9	29.9	72.1	97.1	117.9	118.5	118.3	117.1	118.5	118.5	118.3	117.1	118.3	125.3	130.5	82.3	79.4	111.9	323.9	649.3	439.1
3:21:40	0:51:06	28.7	28.9	29.9	72.1	97.3	117.9	118.3	118.2	117.1	118.5	118.5	118.2	118.0	123.5	125.2	130.5	82.3	79.4	111.9	323.9	649.3	437.7
3:22:40	0:52:06	28.7	28.9	29.9	72.1	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.8	124.0	125.1	130.4	82.1	79.3	111.9	323.9	649.3	436.2
3:23:40	0:53:06	28.7	28.9	29.9	72.0	97.1	117.9	118.5	118.3	117.1	118.5	118.5	118.2	118.1	123.4	125.0	130.3	82.1	79.3	111.8	323.9	649.3	434.7
3:24:40	0:54:06	28.7	28.9	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	120.3	127.9	124.9	130.2	81.9	79.3	111.9	323.9	649.3	434.6
3:25:40	0:55:06	28.7	28.9	29.9	72.0	96.8	118.0	118.6	118.4	117.2	118.6	118.6	118.3	118.3	121.5	124.8	130.1	81.9	79.3	111.8	323.9	649.3	431.6
	BEGIN GAS ADDITION (2) (Akong) 06/11/2015 03:41:13																						
3:26:11	0:55:37	28.7	28.9	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.4	117.8	119.9	124.7	130.0	81.7	79.3	111.8	323.9	649.3	431.6
	END GAS ADDITION (3) (Akong) 06/11/2015 03:41:26																						
3:26:24	0:55:50	29.0	29.1	29.9	72.1	96.8	118.0	118.6	118.4	117.2	118.7	118.7	118.4	117.6	119.4	124.8	130.0	82.6	79.3	111.9	323.9	649.3	431.6
3:26:41	0:56:06	29.0	29.2	29.9	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.7	118.5	117.5	119.0	124.7	130.0	86.0	79.3	111.9	323.9	649.3	434.7
3:27:41	0:57:06	29.0	29.2	29.9	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.4	117.0	117.8	124.7	129.9	86.7	79.3	111.8	323.9	649.3	433.2
3:28:41	0:58:06	29.0	29.2	29.9	72.1	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.3	125.0	124.6	129.9	85.9	79.3	111.8	323.9	649.3	430.2
3:29:41	0:59:06	29.0	29.2	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.8	123.8	124.5	129.7	85.3	79.3	111.8	323.9	649.3	427.1
	EXPOSURE(1) SUMMARY 06/11/2015 03:45:35																						
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:35	1:00:00	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.9	124.4	129.7	84.8	79.3	111.8	323.9	649.3	425.6

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 111.4
END PRESS: 0029.0 MIN PRESS: 0028.7 MIN TEMP: 117.2 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 081.7
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.1
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/11/2015 03:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:35	0:00:00	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.9	124.4	129.7	84.8	79.3	111.8	323.9	649.3	425.6
3:31:35	0:01:00	29.0	29.1	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.9	118.0	124.2	129.6	84.3	79.2	111.7	323.9	649.3	424.1
3:32:35	0:02:00	29.0	29.1	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	127.2	124.2	129.5	83.9	79.2	111.7	323.9	649.3	421.1
3:33:35	0:03:00	29.0	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.8	121.5	124.1	129.4	83.6	79.2	111.7	323.9	649.3	421.1
3:34:35	0:04:00	29.0	29.1	29.9	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.6	126.2	128.4	129.3	83.2	79.1	111.7	323.9	649.3	419.6
3:35:35	0:05:01	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.0	120.7	129.3	129.3	83.0	79.1	111.7	323.9	649.3	419.5
3:36:35	0:06:01	29.0	29.1	29.9	71.6	96.3	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.2	118.5	129.1	129.2	82.7	79.2	111.7	323.9	649.3	418.0
3:37:35	0:07:01	29.0	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.2	120.0	128.4	129.1	129.1	82.5	79.1	111.6	323.9	649.3	416.5
3:38:35	0:08:01	28.9	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.2	121.8	129.0	129.0	82.3	79.1	111.6	323.9	649.3	415.0
3:39:36	0:09:01	28.9	29.1	29.9	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.3	118.9	128.8	128.9	82.1	79.1	111.6	323.9	649.3	415.0
3:40:36	0:10:01	28.9	29.1	29.9	71.6	96.4	117.9	118.6	118.2	117.1	118.6	118.5	118.2	120.0	127.4	128.7	128.8	81.9	79.1	111.6	323.9	649.3	415.0
3:41:36	0:11:01	28.9	29.1	29.9	71.6	96.3	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.1	121.2	128.6	128.7	81.7	79.0	111.6	323.9	649.3	411.9
3:42:36	0:12:01	28.9	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.2	118.7	128.5	128.6	81.4	79.0	111.5	323.9	649.3	412.0
3:43:36	0:13:01	28.9	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	121.7	134.0	128.3	128.6	81.4	79.0	111.5	323.9	649.3	412.0
3:44:36	0:14:02	28.9	29.1	29.9	71.6	96.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	123.6	137.7	128.2	128.4	81.3	79.0	111.6	323.9	649.3	410.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000084

3:45:36	0:15:02	28.9	29.1	29.9	71.6	95.5	118.3	118.9	118.6	117.4	119.0	118.9	118.6	118.3	121.0	128.1	128.4	81.2	79.0	111.5	323.9	649.3	410.5
3:46:36	0:16:02	28.9	29.1	29.9	71.6	95.7	118.2	118.8	118.5	117.4	118.9	118.8	118.4	116.4	115.5	128.1	128.3	81.1	79.0	111.5	323.9	649.3	409.0
3:47:36	0:17:02	28.9	29.0	29.9	71.6	96.0	118.1	118.7	118.5	117.2	118.8	118.7	118.4	116.2	115.3	127.8	128.2	81.0	79.0	111.5	323.9	649.3	409.0
3:48:37	0:18:02	28.9	29.0	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.1	115.6	127.7	128.2	80.9	78.9	111.4	323.9	649.3	407.5
3:49:37	0:19:02	28.9	29.0	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	115.9	115.6	127.6	128.0	80.8	79.0	111.4	323.9	649.3	406.0
3:50:37	0:20:02	28.9	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.8	128.6	127.5	128.0	80.8	79.0	111.4	323.9	649.3	406.0
3:51:37	0:21:02	28.9	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.0	124.1	127.5	127.9	80.7	78.9	111.3	323.9	649.3	406.0
3:52:37	0:22:02	28.9	29.0	29.9	71.6	96.2	118.0	118.6	118.4	117.2	118.6	118.6	118.3	122.5	136.9	127.4	127.9	80.7	78.9	111.3	323.9	649.3	406.0
3:53:37	0:23:03	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.3	118.9	118.8	118.4	123.0	135.7	127.4	127.8	80.6	78.9	111.4	323.9	649.3	406.0
3:54:37	0:24:03	28.9	29.0	29.9	71.6	95.6	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.8	119.8	127.2	127.7	80.6	78.9	111.3	323.9	649.3	404.5
3:55:37	0:25:03	28.9	29.0	29.9	71.6	95.8	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.4	127.1	127.6	80.5	78.9	111.3	323.9	649.3	403.0
3:56:37	0:26:03	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.2	115.3	127.1	127.5	80.4	78.9	111.3	323.9	649.3	402.9
3:57:38	0:27:03	28.9	29.0	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.0	115.6	127.0	127.4	80.4	78.8	111.2	323.9	649.3	401.4
3:58:38	0:28:03	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	116.0	117.6	126.8	127.3	80.4	78.8	111.2	323.9	649.3	401.4
3:59:38	0:29:03	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.4	126.8	126.7	127.3	80.3	78.8	111.2	323.9	649.3	399.9
4:00:38	0:30:03	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.5	121.8	126.7	127.2	80.2	78.8	111.2	323.9	649.3	400.0
4:01:38	0:31:03	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	122.1	135.9	126.7	127.1	80.2	78.8	111.2	323.9	649.3	398.5
4:02:38	0:32:04	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.9	118.8	118.5	123.9	138.8	126.5	127.1	80.2	78.8	111.2	323.9	649.3	398.4
4:03:38	0:33:04	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.6	118.4	121.6	126.5	127.0	80.1	78.8	111.2	323.9	649.3	398.5
4:04:38	0:34:04	28.8	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.4	115.6	126.4	126.9	80.1	78.7	111.1	323.9	649.3	398.5
4:05:38	0:35:04	28.8	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.2	115.3	126.3	126.8	80.1	78.7	111.0	323.9	649.3	397.0
4:06:39	0:36:04	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.5	126.2	126.7	80.0	78.7	111.0	323.9	649.3	397.0
4:07:39	0:37:04	28.8	29.0	29.9	71.6	96.6	117.9	118.3	118.2	117.1	118.5	118.6	118.3	115.9	115.9	126.2	126.7	80.0	78.7	111.0	323.9	649.3	395.4
4:08:39	0:38:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	127.7	126.1	126.6	80.0	78.7	111.0	323.9	649.3	395.4
4:09:39	0:39:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.5	120.6	125.9	126.5	80.0	78.6	110.9	323.9	649.3	395.4
4:10:39	0:40:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.7	118.3	125.8	126.4	79.9	78.6	110.9	323.9	649.3	395.5
4:11:39	0:41:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.6	126.7	125.7	126.4	79.9	78.6	110.9	323.9	649.3	394.0
4:12:39	0:42:05	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	117.6	120.6	125.7	126.3	79.9	78.6	110.9	323.9	649.3	392.5
4:13:39	0:43:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	118.1	125.6	126.2	79.8	78.5	110.8	323.9	649.3	392.4
4:14:40	0:44:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	125.4	126.2	79.9	78.5	110.8	323.9	649.3	392.4
4:15:40	0:45:05	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.1	121.8	125.4	126.0	79.8	78.5	110.8	323.9	649.3	392.4
4:16:40	0:46:05	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.1	119.3	125.3	126.0	79.8	78.6	110.8	323.9	649.3	392.4
4:17:40	0:47:05	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	120.6	129.8	125.3	125.9	79.8	78.6	110.8	323.9	649.3	390.9
4:18:40	0:48:05	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	118.3	122.1	125.3	125.8	79.7	78.5	110.7	323.9	649.3	390.9
4:19:40	0:49:06	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	117.4	119.1	125.1	125.8	79.8	78.5	110.7	323.9	649.3	390.9
4:20:40	0:50:06	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.8	117.8	125.0	125.7	79.7	78.5	110.7	323.9	649.3	390.9
4:21:40	0:51:06	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.6	118.9	124.9	125.6	79.7	78.5	110.7	323.9	649.3	389.4
4:22:40	0:52:06	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	126.4	124.8	125.5	79.7	78.5	110.6	323.9	649.3	389.4
4:23:41	0:53:06	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	118.4	125.2	124.7	125.5	79.6	78.4	110.6	323.9	649.3	389.4
4:24:41	0:54:06	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	122.8	137.6	124.6	125.4	79.6	78.4	110.7	323.9	649.3	387.9
4:25:41	0:55:06	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	120.8	129.0	124.6	125.3	79.6	78.4	110.6	323.9	649.3	387.9
4:26:41	0:56:06	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.8	118.6	116.8	117.0	124.5	125.2	79.6	78.4	110.6	323.9	649.3	387.9
4:27:41	0:57:06	28.8	28.9	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	116.2	115.2	124.3	125.1	79.6	78.4	110.6	323.9	649.3	386.4
4:28:41	0:58:06	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.4	116.0	115.3	124.3	125.0	79.5	78.4	110.6	323.9	649.3	386.4
4:29:41	0:59:07	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.0	115.5	124.2	125.0	79.6	78.4	110.5	323.9	649.3	386.4
4:30:41	1:00:07	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.2	128.4	124.1	124.9	79.5	78.4	110.4	323.9	649.3	386.4
4:31:41	1:01:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.1	122.7	129.2	124.8	79.5	78.4	110.5	323.9	649.3	386.4
4:32:41	1:02:07	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.9	118.7	129.0	124.8	79.5	78.3	110.4	323.9	649.3	386.4
4:33:42	1:03:07	28.7	28.9	29.9	70.7	95.5	117.8	118.3	118.2	117.0	118.5	118.5	118.2	119.2	128.0	128.7	124.7	79.5	78.3	110.4	323.9	649.3	384.9
4:34:42	1:04:07	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.3	122.8	128.6	124.6	79.4	78.3	110.4	323.9	649.3	384.9
4:35:42	1:05:07	28.7	28.9	29.9	70.7	95.4	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.8	123.8	128.6	124.5	79.4	78.3	110.4	323.9	649.3	384.9
4:36:42	1:06:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.9	124.6	128.4	124.5	79.4	78.3	110.3	323.9	649.3	384.9
4:37:42	1:07:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.5	120.0	128.4	124.4	79.4	78.3	110.3	323.9	649.3	383.5
4:38:42	1:08:07	28.7	28.9	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.9	118.1	128.3	124.3	79.4	78.3	110.3	323.9	649.3	383.4
4:39:42	1:09:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	128.1	124.2	79.4	78.3	110.2	323.9	649.3	383.4
4:40:42	1:10:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.0	121.7	128.0	124.2	79.3	78.3	110.3	323.9	649.3	383.3
4:41:42	1:11:08	28.7	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.5	118.5	118.3	117.1	118.7	127.8	124.1	79.4	78.3	110.2	323.9	649.3	381.9
4:42:43	1:12:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.9	129.8	127.7	124.0	79.3	78.3	110.2	323.9	649.3	381.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000085

4:43:43	1:13:08	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	120.0	127.5	127.6	124.0	79.3	78.3	110.2	323.9	649.3	381.9
4:44:43	1:14:08	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	117.4	119.1	127.5	123.9	79.3	78.3	110.3	323.9	649.3	381.9
4:45:43	1:15:08	28.7	28.9	29.9	70.7	95.2	118.0	118.6	118.3	117.1	118.6	118.5	118.3	114.8	112.7	127.4	123.8	79.2	78.3	110.1	323.9	649.3	381.9
4:46:43	1:16:08	28.7	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.4	118.4	118.2	118.3	125.9	127.3	123.8	79.3	78.3	110.1	323.9	649.3	381.8
4:47:43	1:17:08	28.7	28.9	29.9	70.7	95.5	117.8	118.3	118.2	117.0	118.5	118.4	118.2	118.2	123.0	127.2	123.7	79.3	78.3	110.1	323.9	649.3	380.3
4:48:43	1:18:09	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	128.6	127.1	123.6	79.3	78.2	110.1	323.9	649.3	380.4
	BEGIN GAS ADDITION (4) (Akong)					06/11/2015 05:04:25																	
4:49:24	1:18:49	28.7	28.9	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	122.7	127.1	123.6	79.2	78.3	110.1	323.9	649.3	380.4
	END GAS ADDITION (4) (Akong)					06/11/2015 05:04:38																	
4:49:37	1:19:02	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.6	127.0	123.6	80.1	78.3	110.1	323.9	649.3	380.4
4:49:43	1:19:09	29.0	29.2	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.8	121.1	126.9	123.6	81.7	78.3	110.1	323.9	649.3	381.9
4:50:43	1:20:09	29.0	29.2	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.2	126.9	123.4	84.1	78.3	110.1	323.9	649.3	381.9
4:51:44	1:21:09	29.0	29.2	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.8	120.1	126.8	123.3	83.4	78.3	110.0	323.9	649.3	380.3
4:52:44	1:22:09	29.0	29.2	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.2	125.6	126.7	123.3	82.8	78.3	110.0	323.9	649.3	378.9
4:53:44	1:23:09	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.5	120.1	126.6	123.2	82.5	78.2	110.0	323.9	649.3	377.4
4:54:44	1:24:09	29.0	29.2	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.4	118.2	118.7	126.1	126.4	123.1	81.9	78.2	109.9	323.9	649.3	375.8
4:55:44	1:25:09	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	123.6	126.4	123.1	81.7	78.3	110.0	323.9	649.3	375.8
4:56:44	1:26:09	29.0	29.2	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.3	119.4	126.3	123.0	81.4	78.2	109.9	323.9	649.3	375.9
4:57:44	1:27:10	29.0	29.2	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.2	117.0	120.4	126.2	122.9	81.1	78.2	109.9	323.9	649.3	375.8
4:58:44	1:28:10	29.0	29.2	29.9	70.8	95.4	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.2	125.4	126.1	122.9	80.9	78.2	109.8	323.9	649.3	375.9
4:59:44	1:29:10	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.5	120.1	126.0	122.8	80.7	78.1	109.8	323.9	649.3	375.9
5:00:45	1:30:10	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.1	125.9	122.7	80.5	78.1	109.8	323.9	649.3	375.9
5:01:45	1:31:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.8	123.8	125.8	122.6	80.3	78.1	109.8	323.9	649.3	375.8
5:02:45	1:32:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.7	125.7	122.5	80.2	78.1	109.8	323.9	649.3	372.8
5:03:45	1:33:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	116.9	118.0	125.7	122.5	80.1	78.1	109.8	323.9	649.3	372.8
5:04:45	1:34:10	29.0	29.2	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.2	116.9	120.3	125.5	122.4	80.0	78.1	109.7	323.9	649.3	372.8
5:05:45	1:35:11	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.5	125.4	122.4	79.9	78.1	109.7	323.9	649.3	372.9
5:06:45	1:36:11	29.0	29.2	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	124.7	125.3	122.4	79.9	78.1	109.7	323.9	649.3	372.9
5:07:45	1:37:11	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.7	137.3	125.3	122.2	79.8	78.1	109.7	323.9	649.3	372.9
5:08:45	1:38:11	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.3	119.0	118.9	118.6	120.1	127.0	125.2	122.1	79.6	78.1	109.7	323.9	649.3	372.9
5:09:46	1:39:11	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.6	116.5	125.1	122.1	79.6	78.1	109.7	323.9	649.3	371.3
5:10:46	1:40:11	29.0	29.2	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.1	115.2	125.0	122.0	79.6	78.1	109.6	323.9	649.3	371.3
5:11:46	1:41:11	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.9	115.3	125.0	121.9	79.5	78.1	109.6	323.9	649.3	371.3
5:12:46	1:42:11	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.3	124.9	121.9	79.5	78.1	109.6	323.9	649.3	371.3
5:13:46	1:43:11	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.2	126.5	124.7	121.8	79.4	78.1	109.6	323.9	649.3	371.3
5:14:46	1:44:11	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.3	125.6	124.7	121.7	79.3	78.1	109.6	323.9	649.3	371.3
5:15:46	1:45:12	29.0	29.2	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.3	122.5	137.4	124.6	121.6	79.3	78.1	109.6	323.9	649.3	371.3
5:16:46	1:46:12	29.0	29.2	29.9	70.7	94.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	121.7	131.8	124.6	121.6	79.3	78.1	109.6	323.9	649.3	369.9
5:17:46	1:47:12	29.0	29.2	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.6	117.1	117.9	124.4	121.5	79.3	78.1	109.6	323.9	649.3	369.8
5:18:47	1:48:12	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.2	115.3	124.4	121.4	79.2	78.1	109.6	323.9	649.3	369.8
5:19:47	1:49:12	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.7	118.4	116.0	115.3	124.3	121.3	79.2	78.1	109.5	323.9	649.3	369.8
5:20:47	1:50:12	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.9	115.5	124.2	121.3	79.2	78.1	109.5	323.9	649.3	369.8
5:21:47	1:51:12	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.0	124.1	121.2	79.2	78.0	109.4	323.9	649.3	369.8
5:22:47	1:52:12	29.0	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.4	129.1	121.1	79.2	78.0	109.4	323.9	649.3	369.9
5:23:47	1:53:13	29.0	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	119.8	129.8	129.0	121.1	79.2	78.0	109.4	323.9	649.3	369.8
5:24:47	1:54:13	29.0	29.1	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.8	118.6	118.4	122.5	135.8	128.7	121.0	79.1	78.0	109.4	323.9	649.3	369.9
5:25:47	1:55:13	29.0	29.1	29.9	70.7	94.7	118.2	118.8	118.4	117.4	118.9	118.8	118.6	117.5	119.7	128.7	121.0	79.1	77.9	109.4	323.9	649.3	369.9
5:26:47	1:56:13	29.0	29.1	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.0	115.4	128.7	120.9	79.1	78.0	109.3	323.9	649.3	369.8
5:27:48	1:57:13	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.8	115.1	128.5	120.8	79.1	78.0	109.3	323.9	649.3	369.8
5:28:48	1:58:13	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	125.5	128.3	120.8	79.1	78.0	109.3	323.9	649.3	369.9
5:29:48	1:59:13	29.0	29.1	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.3	123.4	128.2	120.7	79.1	78.0	109.2	323.9	649.3	369.9
5:30:48	2:00:13	29.0	29.1	29.9	70.7	95.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.3	130.9	128.2	120.7	79.1	78.0	109.3	323.9	649.3	369.8
5:31:48	2:01:13	29.0	29.1	29.9	70.7	94.7	118.1	118.8	118.4	117.3	118.8	118.7	118.5	123.1	137.5	128.0	120.6	79.1	78.0	109.3	323.9	649.3	369.8
5:32:48	2:02:13	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.8	120.9	127.8	120.5	79.1	78.0	109.3	323.9	649.3	370.0
5:33:48	2:03:14	29.0	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.5	127.7	120.4	79.1	78.0	109.2	323.9	649.3	369.8
5:34:48	2:04:14	29.0	29.1	29.9	71.2	95.5	118.1	118.6	118.4	117.3	118.7	118.6	118.4	115.9	115.1	127.7	120.4	79.0	78.0	109.2	323.9	649.3	369.9
5:35:48	2:05:14	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.4	115.7	115.3	127.5	120.3	79.0	78.0	109.1	323.9	649.3	369.8
5:36:49	2:06:14	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	128.4	127.4	120.3	79.0	78.0	109.1	323.9	649.3	368.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000086

5:37:49	2:07:14	29.0	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.6	120.9	127.3	120.2	79.0	78.0	109.1	323.9	649.3	368.3
5:38:49	2:03:14	29.0	29.1	29.9	70.7	95.1	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.3	125.1	127.1	120.1	79.0	78.0	109.0	323.9	649.3	368.3
5:39:49	2:09:14	29.0	29.1	29.9	71.2	95.6	118.0	118.7	118.3	117.2	118.6	118.5	118.4	122.5	137.2	127.1	120.1	79.0	78.1	109.1	323.9	649.3	368.4
5:40:49	2:10:14	29.0	29.1	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.5	119.3	125.5	127.1	119.8	78.9	78.0	109.1	323.9	649.3	368.3
5:41:49	2:11:15	29.0	29.1	29.9	70.7	94.7	118.1	118.8	118.4	117.3	118.8	118.7	118.5	116.3	116.3	127.0	119.8	79.0	78.0	109.1	323.9	649.3	368.3
5:42:49	2:12:15	29.0	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.9	115.1	126.8	119.8	78.9	78.0	109.1	323.9	649.3	366.8
5:43:49	2:13:15	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.4	115.8	115.2	126.8	119.8	79.0	78.0	109.0	323.9	649.3	366.8
5:44:50	2:14:15	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.0	124.8	126.7	119.8	79.0	78.0	109.0	323.9	649.3	366.8
5:45:50	2:15:15	29.0	29.1	29.9	70.7	95.5	117.8	118.3	118.1	117.1	118.5	118.5	118.3	118.3	123.8	126.6	119.6	78.9	78.0	109.0	323.9	649.3	366.9
5:46:50	2:16:15	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	119.4	128.7	126.4	119.6	79.0	78.0	109.0	323.9	649.3	366.9
5:47:50	2:17:15	29.0	29.1	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.4	123.1	138.6	126.4	119.5	78.9	78.0	109.0	323.9	649.3	366.9
5:48:50	2:18:15	29.0	29.1	29.9	70.7	94.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.8	129.0	126.3	119.5	78.9	78.0	109.0	323.9	649.3	366.8
5:49:50	2:19:15	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.8	116.9	126.2	119.3	78.9	78.0	109.0	323.9	649.3	366.8
5:50:50	2:20:16	29.0	29.1	29.9	71.2	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.1	126.1	119.3	78.9	78.0	108.9	323.9	649.3	366.9
5:51:50	2:21:16	29.0	29.1	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.5	116.0	115.3	125.9	119.3	78.9	78.0	108.9	323.9	649.3	366.9
5:52:50	2:22:16	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.4	115.8	115.4	125.9	119.2	78.9	78.0	108.9	323.9	649.3	366.8
5:53:51	2:23:16	29.0	29.1	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	119.6	128.9	125.9	119.1	78.9	78.1	108.9	323.9	649.3	365.3
5:54:51	2:24:16	28.9	29.1	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	121.6	125.7	119.1	79.0	78.0	108.8	323.9	649.3	365.3
5:55:51	2:25:16	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.2	121.8	125.7	121.6	78.9	78.1	110.6	323.9	649.3	365.4
5:56:51	2:26:16	29.0	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	122.0	135.9	125.5	122.3	78.9	78.0	109.3	323.9	649.3	365.3
5:57:51	2:27:16	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	121.2	130.4	125.4	122.3	78.9	78.0	109.3	323.9	649.3	365.4
5:58:51	2:28:16	29.0	29.1	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.7	117.4	125.4	122.3	78.9	78.0	109.2	323.9	649.3	365.3
5:59:51	2:29:16	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.0	115.3	125.2	122.1	78.9	77.9	109.2	323.9	649.3	365.3
6:00:51	2:30:17	29.0	29.1	29.9	70.7	95.0	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.9	115.3	125.2	122.1	78.9	78.0	109.2	323.9	649.3	365.4
6:01:51	2:31:17	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	120.8	125.2	122.0	78.9	78.0	109.2	323.9	649.3	365.3
6:02:51	2:32:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	119.0	125.7	125.1	122.0	78.9	78.1	109.2	323.9	649.3	363.9
6:03:52	2:33:17	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.8	124.9	121.9	78.9	78.0	109.2	323.9	649.3	363.8
6:04:52	2:34:17	28.9	29.1	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.4	118.3	117.3	122.2	124.8	121.8	78.8	78.0	109.1	323.9	649.3	363.8
6:05:52	2:35:17	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	125.1	124.9	121.7	78.9	78.0	109.2	323.9	649.3	363.8
6:06:52	2:36:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.3	119.8	124.7	121.6	78.8	78.0	109.2	323.9	649.3	363.9
6:07:52	2:37:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.1	121.1	124.6	121.6	78.9	78.0	109.1	323.9	649.3	363.8
6:08:52	2:38:18	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.0	128.0	124.5	121.5	78.9	78.0	109.1	323.9	649.3	363.8
6:09:52	2:39:18	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.8	121.1	124.4	121.4	78.8	78.0	109.1	323.9	649.3	363.8
6:10:52	2:40:18	28.9	29.1	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.0	118.5	124.3	121.4	78.8	78.0	109.1	323.9	649.3	363.8
6:11:53	2:41:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.7	119.2	124.2	121.3	78.9	78.0	109.1	323.9	649.3	363.8
6:12:53	2:42:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.1	124.1	121.2	78.8	78.0	109.1	323.9	649.3	363.8
6:13:53	2:43:18	28.9	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.6	120.4	124.1	121.2	78.9	78.1	109.1	323.9	649.3	363.8
6:14:53	2:44:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.8	118.1	124.1	121.2	78.9	78.1	109.1	323.9	649.3	363.8
6:15:53	2:45:18	28.9	29.1	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.3	119.0	127.5	128.4	121.0	78.8	78.0	109.1	323.9	649.3	363.8
6:16:53	2:46:19	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	123.1	129.1	121.0	78.8	78.1	109.2	323.9	649.3	363.8
6:17:53	2:47:19	28.9	29.1	29.9	70.8	95.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	119.2	129.3	121.0	78.9	78.1	109.1	323.9	649.3	363.9
6:18:53	2:48:19	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.6	117.6	128.8	120.9	78.9	78.0	109.0	323.9	649.3	363.8
6:19:53	2:49:19	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.2	119.9	128.7	128.7	120.8	78.9	78.1	109.0	323.9	649.3	363.8
6:20:54	2:50:19	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.8	121.5	128.8	120.8	78.9	78.1	109.0	323.9	649.3	363.8
6:21:54	2:51:19	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.0	128.9	128.6	120.6	78.8	78.2	109.0	323.9	649.3	363.8
6:22:54	2:52:19	28.9	29.1	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.6	118.6	118.3	118.1	121.9	128.6	120.6	78.9	78.2	109.0	323.9	649.3	362.3
6:23:54	2:53:19	28.9	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.1	118.9	128.4	120.5	78.9	78.2	109.0	323.9	649.3	362.3
6:24:54	2:54:20	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	120.7	131.8	128.5	120.5	78.9	78.2	109.0	323.9	649.3	362.3
6:25:54	2:55:20	28.9	29.1	29.9	71.1	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.5	123.6	138.7	128.4	120.4	78.9	78.3	109.1	323.9	649.3	362.4
6:26:54	2:56:20	28.9	29.1	29.9	71.2	95.0	118.3	118.9	118.5	117.4	119.0	118.9	118.6	118.4	122.1	128.3	120.3	78.9	78.2	109.1	323.9	649.3	362.3
6:27:55	2:57:20	28.9	29.1	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	115.7	128.2	120.3	78.9	78.3	109.0	323.9	649.3	362.3
6:28:55	2:58:20	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	128.2	120.2	78.9	78.3	109.0	323.9	649.3	362.3
6:29:55	2:59:20	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.5	128.2	120.1	78.9	78.3	109.0	323.9	649.3	362.3
6:30:55	3:00:20	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.7	115.5	127.9	120.1	78.9	78.3	109.0	323.9	649.3	362.3
6:31:55	3:01:20	28.9	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	127.9	120.0	78.9	78.4	109.0	323.9	649.3	362.3
6:32:55	3:02:20	28.9	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.8	121.6	127.7	120.0	79.0	78.4	109.0	323.9	649.3	362.3
6:33:55	3:03:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	124.6	127.7	119.8	79.0	78.4	108.9	323.9	649.3	362.3
6:34:55	3:04:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.9	125.1	127.6	119.8	78.9	78.4	109.0	323.9	649.3	362.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000087

6:35:55	3:05:21	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.4	119.9	127.5	119.8	79.0	78.4	108.9	323.9	649.3	360.9
6:36:55	3:06:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.7	117.9	127.4	119.7	79.0	78.4	108.9	323.9	649.3	360.8
6:37:56	3:07:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	128.8	127.3	119.6	78.9	78.5	109.0	323.9	649.3	360.8
6:38:56	3:08:21	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.1	122.3	127.2	119.5	78.9	78.5	108.9	323.9	649.3	360.9
6:39:56	3:09:21	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	118.9	127.3	119.5	79.0	78.5	108.9	323.9	649.3	360.8
6:40:56	3:10:21	28.9	29.1	29.9	71.2	96.2	117.8	118.3	118.1	117.0	118.5	118.4	118.2	116.9	120.6	127.1	119.5	79.0	78.5	108.9	323.9	649.3	360.8
6:41:56	3:11:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.8	127.0	119.3	79.0	78.5	108.9	323.9	649.3	360.8
6:42:56	3:12:22	28.9	29.1	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.5	120.2	126.9	119.3	79.0	78.6	108.9	323.9	649.3	360.8
6:43:56	3:13:22	28.9	29.1	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.5	118.2	118.3	125.5	127.0	119.2	79.0	78.6	108.9	323.9	649.3	360.8
6:44:56	3:14:22	28.9	29.1	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.8	124.1	126.9	119.2	79.1	78.6	108.9	323.9	649.3	360.8
6:45:57	3:15:22	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.4	119.8	126.8	119.1	79.1	78.6	108.9	323.9	649.3	360.8
6:46:57	3:16:22	28.9	29.1	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.3	121.9	134.9	126.7	121.7	79.1	78.6	110.5	323.9	649.3	360.9
6:47:57	3:17:22	28.9	29.1	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.5	120.4	128.0	126.6	122.2	79.1	78.6	109.4	323.9	649.3	360.8
6:48:57	3:18:22	28.9	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.6	116.8	126.6	122.1	79.1	78.6	109.3	323.9	649.3	359.3
6:49:57	3:19:22	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.1	115.3	126.5	122.1	79.1	78.6	109.3	323.9	649.3	359.2
6:50:57	3:20:22	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.3	126.5	122.0	79.1	78.7	109.3	323.9	649.3	359.3
6:51:57	3:21:23	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.4	122.7	126.4	122.0	79.1	78.7	109.3	323.9	649.3	359.3
6:52:57	3:22:23	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.8	124.6	126.3	121.9	79.1	78.7	109.3	323.9	649.3	359.3
6:53:57	3:23:23	28.9	29.1	29.9	70.7	95.5	117.8	118.5	118.1	117.0	118.6	118.5	118.3	117.5	122.4	126.2	121.8	79.1	78.6	109.2	323.9	649.3	359.3
6:54:58	3:24:23	28.9	29.1	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.3	122.2	136.2	126.3	121.7	79.1	78.7	109.4	323.9	649.3	359.3
6:55:58	3:25:23	28.9	29.1	29.9	71.1	95.0	118.3	118.9	118.5	117.4	118.9	118.8	118.5	121.8	132.2	126.2	121.7	79.1	78.7	109.4	323.9	649.3	359.3
6:56:58	3:26:23	28.9	29.1	29.9	70.7	94.4	118.3	118.9	118.5	117.4	118.9	118.8	118.5	117.1	118.1	126.1	121.6	79.2	78.7	109.3	323.9	649.3	359.3
6:57:58	3:27:23	28.9	29.1	29.9	70.7	94.6	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.1	115.3	126.1	121.5	79.2	78.7	109.3	323.9	649.3	359.4
6:58:58	3:28:23	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.3	126.0	121.4	79.2	78.7	109.3	323.9	649.3	359.3
6:59:58	3:29:24	28.9	29.1	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.5	118.5	118.3	115.8	115.5	126.0	121.4	79.2	78.8	109.3	323.9	649.3	359.3
7:00:58	3:30:24	28.9	29.0	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.4	118.3	119.2	128.1	125.9	121.3	79.2	78.8	109.3	323.9	649.3	359.3
7:01:58	3:31:24	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.1	122.5	125.8	121.2	79.2	78.7	109.3	323.9	649.3	359.2
7:02:59	3:32:24	28.9	29.0	29.9	71.1	96.1	117.8	118.5	118.1	117.0	118.6	118.5	118.3	117.6	123.2	125.8	121.2	79.3	78.8	109.3	323.9	649.3	359.3
7:03:59	3:33:24	28.9	29.0	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.9	124.8	125.7	121.1	79.2	78.8	109.3	323.9	649.3	359.3
7:04:59	3:34:24	28.9	29.0	29.9	70.7	95.2	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.4	119.8	125.8	121.1	79.3	78.9	109.3	323.9	649.3	359.3
7:05:59	3:35:24	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.1	124.3	125.6	121.0	79.3	78.9	109.3	323.9	649.3	359.2
7:06:59	3:36:24	28.9	29.0	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.8	124.2	125.6	120.9	79.3	78.9	109.3	323.9	649.3	359.3
7:07:59	3:37:25	28.9	29.0	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.6	118.3	117.5	119.7	125.6	120.9	79.3	78.9	109.3	323.9	649.3	359.3
7:08:59	3:38:25	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	117.9	125.5	120.8	79.3	78.9	109.3	323.9	649.3	359.3
7:09:59	3:39:25	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.1	125.4	120.7	79.3	78.9	109.3	323.9	649.3	359.3
7:10:59	3:40:25	28.9	29.0	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.4	122.8	138.0	125.5	120.7	79.4	79.0	109.4	323.9	649.3	357.8
7:12:00	3:41:25	28.9	29.1	29.9	70.7	94.3	118.3	118.9	118.6	117.4	119.0	118.8	118.5	121.2	130.4	125.4	120.6	79.4	78.9	109.4	323.9	649.3	357.8
7:13:00	3:42:25	28.9	29.1	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.8	118.6	116.9	117.5	125.3	120.5	79.4	79.0	109.3	323.9	649.3	357.7
7:14:00	3:43:25	28.9	29.0	29.9	71.2	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.5	116.1	115.3	125.3	120.4	79.3	79.0	109.3	323.9	649.3	357.8
7:15:00	3:44:25	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.5	116.1	115.4	125.3	120.4	79.4	79.1	109.3	323.9	649.3	357.8
7:16:00	3:45:25	28.9	29.0	29.9	71.2	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	115.9	115.6	125.3	120.4	79.4	79.1	109.4	323.9	649.3	357.8
7:17:00	3:46:26	28.9	29.0	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.3	115.9	117.8	125.1	120.3	79.4	79.1	109.3	323.9	649.3	357.8
7:18:00	3:47:26	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.3	127.1	125.2	120.2	79.4	79.1	109.3	323.9	649.3	357.8
7:19:00	3:48:26	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.3	120.4	125.1	120.2	79.4	79.1	109.3	323.9	649.3	357.4
7:20:01	3:49:26	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.6	117.9	125.0	120.1	79.4	79.1	109.3	323.9	649.3	357.7
7:21:01	3:50:26	28.9	29.0	29.9	71.2	96.2	117.8	118.3	118.1	117.0	118.5	118.4	118.2	118.9	127.5	125.0	120.1	79.5	79.1	109.3	323.9	649.3	357.8
7:22:01	3:51:26	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.4	118.2	118.3	123.2	124.9	119.8	79.5	79.1	109.3	323.9	649.3	357.8
7:23:01	3:52:26	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	121.1	133.1	124.9	119.8	79.5	79.2	109.3	323.9	649.3	357.8
7:24:01	3:53:26	28.9	29.0	29.9	70.7	94.8	118.1	118.8	118.4	117.2	118.9	118.7	118.5	123.7	139.4	124.9	119.8	79.5	79.2	109.4	323.9	649.3	357.8
7:25:01	3:54:26	28.9	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	118.6	122.4	124.8	119.8	79.5	79.1	109.3	323.9	649.3	357.8
7:26:01	3:55:27	28.9	29.0	29.9	71.1	95.0	118.3	118.8	118.5	117.5	118.9	118.8	118.6	116.3	115.7	124.7	119.7	79.5	79.2	109.4	323.9	649.3	357.8
7:27:01	3:56:27	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	124.6	119.6	79.5	79.3	109.3	323.9	649.3	356.3
7:28:01	3:57:27	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.5	124.7	119.6	79.6	79.3	109.3	323.9	649.3	356.2
7:29:02	3:59:27	28.9	29.0	29.9	70.8	95.5	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.8	115.7	124.6	119.6	79.6	79.3	109.2	323.9	649.3	356.3
7:30:02	3:59:27	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	128.2	124.6	119.5	79.6	79.3	109.3	323.9	649.3	356.3
7:31:02	4:00:27	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.5	120.9	124.6	119.3	79.6	79.3	109.3	323.9	649.3	356.3
7:32:02	4:01:27	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.7	118.1	124.5	119.3	79.6	79.3	109.2	323.9	649.3	356.3
7:33:02	4:02:27	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	123.8	124.6	119.3	79.7	79.3	109.2	323.9	649.3	356.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000088

7:34:02	4:03:27	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.5	124.5	119.3	79.6	79.3	109.3	323.9	649.3	356.3
7:35:02	4:04:28	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.6	120.5	124.4	119.2	79.7	79.3	109.2	323.9	649.3	356.2
7:36:02	4:05:28	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	118.1	124.2	119.1	79.7	79.3	109.2	323.9	649.3	356.3
7:37:02	4:06:28	28.9	29.0	29.9	70.7	95.4	117.9	118.5	118.2	117.0	118.5	118.5	118.3	117.6	123.1	124.3	120.7	79.7	79.3	110.3	323.9	649.3	356.2
7:38:03	4:07:28	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	124.7	124.3	122.1	79.6	79.3	109.6	323.9	649.3	356.3
7:39:03	4:08:28	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.3	119.9	124.2	122.1	79.7	79.4	109.6	323.9	649.3	356.2
7:40:03	4:09:28	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.4	126.2	124.1	122.1	79.7	79.3	109.6	323.9	649.3	356.3
7:41:03	4:10:28	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.7	120.5	126.7	122.0	79.7	79.4	109.6	323.9	649.3	356.2
7:42:03	4:11:28	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.9	118.3	129.3	121.9	79.7	79.3	109.6	323.9	649.3	356.3
7:43:03	4:12:29	28.9	29.0	29.9	71.1	96.0	117.9	118.5	118.2	117.0	118.5	118.5	118.3	116.5	117.4	129.4	121.9	79.7	79.3	109.6	323.9	649.3	356.3
7:44:03	4:13:29	28.9	29.0	29.9	71.2	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	121.2	133.7	129.2	121.8	79.7	79.3	109.6	323.9	649.3	354.8
7:45:03	4:14:29	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	123.9	139.7	129.2	121.8	79.7	79.3	109.7	323.9	649.3	354.7
7:46:04	4:15:29	28.9	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.8	118.6	118.7	122.8	129.2	121.7	79.7	79.3	109.7	323.9	649.3	354.7
7:47:04	4:16:29	28.9	29.0	29.9	70.7	94.4	118.3	118.8	118.6	117.4	119.0	118.8	118.6	116.4	115.9	129.2	121.6	79.7	79.3	109.7	323.9	649.3	354.8
7:48:04	4:17:29	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.1	115.3	129.2	121.5	79.7	79.3	109.7	323.9	649.3	354.7
7:49:04	4:18:29	28.9	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.1	115.6	129.2	121.5	79.8	79.3	109.7	323.9	649.3	354.8
7:50:04	4:19:29	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.8	115.6	129.2	121.5	79.8	79.3	109.6	323.9	649.3	354.7
7:51:04	4:20:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.3	129.2	121.3	79.8	79.3	109.7	323.9	649.3	354.7
7:52:04	4:21:30	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.6	121.0	129.1	121.3	79.8	79.3	109.7	323.9	649.3	354.7
7:53:04	4:22:30	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.6	118.1	129.1	121.2	79.8	79.3	109.6	323.9	649.3	354.8
7:54:05	4:23:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	129.8	128.9	121.2	79.8	79.3	109.6	323.9	649.3	354.8
7:55:05	4:24:30	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	123.2	129.0	121.1	79.8	79.4	109.7	323.9	649.3	354.7
7:56:05	4:25:30	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.2	119.3	129.0	121.0	79.7	79.3	109.6	323.9	649.3	354.7
7:57:05	4:26:30	28.9	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	116.7	117.7	128.9	121.0	79.8	79.3	109.6	323.9	649.3	354.8
7:58:05	4:27:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	129.1	128.9	121.0	79.8	79.3	109.6	323.9	649.3	354.7
7:59:05	4:28:30	28.9	29.0	29.9	71.2	95.5	118.1	118.7	118.4	117.2	118.8	118.6	118.4	123.0	138.7	128.8	120.8	79.8	79.4	109.7	323.9	649.3	354.8
8:00:05	4:29:31	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.5	120.4	128.3	128.8	120.8	79.8	79.4	109.7	323.9	649.3	354.8
8:01:05	4:30:31	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	116.7	116.9	128.7	120.7	79.8	79.4	109.7	323.9	649.3	354.8
8:02:06	4:31:31	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.1	115.3	128.7	120.6	79.8	79.3	109.6	323.9	649.3	354.7
8:03:06	4:32:31	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.0	115.4	128.7	120.6	79.8	79.3	109.6	323.9	649.3	354.7
8:04:06	4:33:31	28.9	29.0	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	115.9	115.6	128.6	120.6	79.9	79.3	109.6	323.9	649.3	354.7
8:05:06	4:34:31	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	120.6	128.6	120.5	79.9	79.4	109.6	323.9	649.3	354.8
8:06:06	4:35:31	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	125.7	128.5	120.4	79.9	79.4	109.5	323.9	649.3	354.8
8:07:06	4:36:31	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	119.7	128.5	120.3	79.8	79.4	109.5	323.9	649.3	354.7
8:08:06	4:37:32	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	120.6	128.5	120.3	79.9	79.4	109.6	323.9	649.3	354.8
8:09:06	4:38:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.8	128.4	120.2	79.9	79.4	109.5	323.9	649.3	354.8
8:10:06	4:39:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	120.1	128.3	120.1	79.9	79.3	109.5	323.9	649.3	354.8
8:11:07	4:40:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	129.4	128.2	120.1	79.9	79.4	109.5	323.9	649.3	354.8
8:12:07	4:41:32	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.3	139.0	128.1	120.0	79.9	79.3	109.6	323.9	649.3	354.8
8:13:07	4:42:32	28.9	29.0	29.9	71.1	94.8	118.3	119.1	118.6	117.4	119.1	118.9	118.6	119.9	126.6	128.0	119.8	79.9	79.4	109.6	323.9	649.3	354.8
8:14:07	4:43:32	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.6	116.5	128.1	119.8	79.9	79.4	109.5	323.9	649.3	354.7
8:15:07	4:44:32	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.1	115.3	128.1	119.8	79.9	79.4	109.5	323.9	649.3	354.7
8:16:07	4:45:32	28.9	29.0	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.7	118.4	116.0	115.4	127.9	119.8	79.9	79.3	109.4	323.9	649.3	354.8
8:17:07	4:46:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.8	115.5	127.9	119.7	79.9	79.4	109.4	323.9	649.3	354.8
8:18:07	4:47:33	28.9	29.0	29.9	71.2	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.4	123.0	127.9	119.7	80.0	79.4	109.4	323.9	649.3	353.2
8:19:07	4:48:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.8	127.8	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:20:07	4:49:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	119.5	127.8	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:21:08	4:50:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	129.1	127.7	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:22:08	4:51:33	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	123.1	138.8	127.5	119.3	80.0	79.3	109.4	323.9	649.3	353.2
8:23:08	4:52:33	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.6	125.7	127.5	119.3	79.9	79.3	109.4	323.9	649.3	354.8
8:24:08	4:53:33	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.3	127.4	119.3	80.0	79.3	109.4	323.9	649.3	353.2
8:25:08	4:54:33	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.0	115.2	127.5	119.2	79.9	79.3	109.4	323.9	649.3	353.1
8:26:08	4:55:33	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	115.9	115.4	127.5	119.1	79.9	79.4	109.4	323.9	649.3	353.2
8:27:08	4:56:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.7	115.5	127.5	119.1	80.0	79.3	109.4	323.9	649.3	353.2
8:28:08	4:57:34	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	129.1	127.4	120.1	79.9	79.3	110.0	323.9	649.3	353.3
8:29:08	4:58:34	28.9	29.0	29.9	71.2	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.7	121.5	127.4	122.2	80.0	79.3	109.8	323.9	649.3	353.3
8:30:08	4:59:34	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.9	130.1	127.3	122.1	79.9	79.3	109.7	323.9	649.3	353.2
8:31:09	5:00:34	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.3	139.2	127.2	122.1	79.9	79.3	109.7	323.9	649.3	353.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000089

8:32:09	5:01:34	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.7	119.3	124.9	127.2	122.0	79.9	79.3	109.8	323.9	649.3	353.3
8:33:09	5:02:34	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.4	116.2	127.2	122.0	79.9	79.3	109.8	323.9	649.3	353.2
8:34:09	5:03:34	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	127.1	121.9	79.9	79.3	109.8	323.9	649.3	353.3
8:35:09	5:04:34	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.3	117.3	118.7	118.6	118.4	116.0	115.4	127.2	121.9	80.0	79.3	109.7	323.9	649.3	353.2
8:36:09	5:05:34	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	115.8	115.5	127.1	121.8	79.9	79.3	109.7	323.9	649.3	353.2
8:37:09	5:06:35	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.5	123.8	127.0	121.7	80.0	79.3	109.7	323.9	649.3	353.2
8:38:09	5:07:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.9	127.1	121.7	80.0	79.3	109.7	323.9	649.3	351.7
8:39:09	5:08:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.4	126.3	127.0	121.6	79.9	79.4	109.7	323.9	649.3	351.7
8:40:10	5:09:35	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.4	122.7	137.5	126.9	121.5	80.0	79.4	109.7	323.9	649.3	351.7
8:41:10	5:10:35	28.9	29.0	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.6	118.3	122.5	126.8	121.4	79.9	79.4	109.8	323.9	649.3	351.7
8:42:10	5:11:35	28.9	29.0	29.9	71.6	96.0	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.9	126.7	121.4	80.0	79.4	109.7	323.9	649.3	351.7
8:43:10	5:12:35	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	115.9	115.2	126.6	121.4	80.0	79.4	109.7	323.9	649.3	351.7
8:44:10	5:13:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	118.8	126.6	121.3	80.1	79.4	109.7	323.9	649.3	351.8
8:45:10	5:14:36	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	126.3	126.6	121.2	80.0	79.5	109.7	323.9	649.3	351.4
8:46:10	5:15:36	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.3	120.0	126.5	121.1	80.0	79.5	109.8	323.9	649.3	351.7
8:47:10	5:16:36	28.9	29.0	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.6	117.8	126.4	121.0	80.0	79.5	109.7	323.9	649.3	351.7
8:48:10	5:17:36	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.3	129.3	126.3	121.0	80.1	79.6	109.7	323.9	649.3	351.7
8:49:11	5:18:36	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.0	121.7	126.3	120.9	80.0	79.6	109.7	323.9	649.3	351.7
8:50:11	5:19:36	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.6	118.4	117.1	118.7	126.3	120.9	80.2	79.6	109.7	323.9	649.3	351.8
8:51:11	5:20:36	28.9	29.0	29.9	71.2	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	117.5	126.2	120.9	80.2	79.6	109.7	323.9	649.3	351.8
8:52:11	5:21:36	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.0	121.3	126.2	120.7	80.1	79.7	109.7	323.9	649.3	351.7
8:53:11	5:22:36	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.7	126.2	120.7	80.2	79.8	109.8	323.9	649.3	350.2
8:54:11	5:23:36	28.8	29.0	29.9	71.2	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.4	120.1	126.1	120.7	80.2	79.8	109.7	323.9	649.3	351.8
8:55:11	5:24:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	117.9	126.0	120.5	80.2	79.8	109.7	323.9	649.3	350.2
8:56:11	5:25:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.3	129.5	126.2	120.5	80.2	79.8	109.8	323.9	649.3	350.3
8:57:11	5:26:37	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.1	122.0	126.1	120.5	80.2	79.8	109.8	323.9	649.3	350.2
8:58:12	5:27:37	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.5	118.4	117.1	118.8	125.9	120.4	80.2	79.9	109.8	323.9	649.3	350.2
8:59:12	5:28:37	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.7	117.6	125.9	120.4	80.3	79.9	109.8	323.9	649.3	350.2
9:00:12	5:29:37	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.5	119.5	125.8	120.2	80.3	80.0	109.8	323.9	649.3	350.2
9:01:12	5:30:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.3	125.9	120.2	80.3	79.9	109.8	323.9	649.3	350.2
9:02:12	5:31:37	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.5	120.4	125.8	120.2	80.3	79.9	109.7	323.9	649.3	350.2
9:03:12	5:32:37	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.8	118.2	125.7	120.1	80.4	80.0	109.7	323.9	649.3	350.2
9:04:12	5:33:38	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	120.0	128.9	125.8	120.0	80.4	80.1	109.8	323.9	649.3	350.2
9:05:12	5:34:38	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.0	121.8	125.6	119.8	80.4	80.0	109.7	323.9	649.3	350.2
9:06:12	5:35:38	28.8	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	118.8	125.6	119.8	80.4	80.0	109.7	323.9	649.3	350.3
9:07:12	5:36:38	28.8	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	122.1	125.5	119.8	80.4	80.1	109.8	323.9	649.3	350.3
9:08:13	5:37:38	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	122.2	136.3	125.5	119.8	80.4	80.1	109.8	323.9	649.3	350.3
9:09:13	5:38:38	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.4	117.3	118.9	118.7	118.5	120.3	128.2	125.5	119.7	80.4	80.2	109.8	323.9	649.3	350.2
9:10:13	5:39:38	28.9	29.0	29.9	71.6	95.7	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.5	116.9	125.5	119.6	80.5	80.2	109.8	323.9	649.3	350.2
9:11:13	5:40:38	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	116.0	115.3	125.4	119.6	80.5	80.3	109.8	323.9	649.3	350.2
9:12:13	5:41:38	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.4	125.3	119.6	80.6	80.3	109.7	323.9	649.3	350.2
9:13:13	5:42:39	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.8	116.3	125.2	119.5	80.6	80.4	109.8	323.9	649.3	350.3
9:14:13	5:43:39	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	119.6	127.6	125.3	119.3	80.6	80.4	109.8	323.9	649.3	350.2
9:15:13	5:44:39	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.5	118.3	117.5	120.6	125.2	119.3	80.6	80.5	109.8	323.9	649.3	350.3
9:16:14	5:45:39	28.8	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.1	125.1	119.3	80.6	80.6	109.8	323.9	649.3	350.3
9:17:14	5:46:39	28.8	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	130.1	125.0	119.3	80.7	80.6	109.8	323.9	649.3	350.2
9:18:14	5:47:39	28.9	29.0	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.8	118.6	118.4	123.3	139.2	125.1	119.3	80.8	80.7	109.9	323.9	649.3	350.3
9:19:14	5:48:39	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.2	124.9	125.1	119.2	80.7	80.7	109.9	323.9	649.3	350.2
9:20:14	5:49:39	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.5	116.3	125.1	119.1	80.8	80.7	109.8	323.9	649.3	350.2
9:21:14	5:50:39	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.4	125.0	119.0	80.8	80.8	109.9	323.9	649.3	350.2
9:22:14	5:51:40	28.8	29.0	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	115.6	124.9	122.2	80.8	80.8	110.6	323.9	649.3	350.2
9:23:14	5:52:40	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.9	115.7	125.0	122.3	81.0	80.9	110.3	323.9	649.3	350.3
9:24:14	5:53:40	28.8	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.7	121.1	124.9	122.1	80.9	80.9	110.3	323.9	649.3	350.2
9:25:14	5:54:40	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	125.9	124.7	122.1	80.9	81.0	110.3	323.9	649.3	350.2
9:26:15	5:55:40	28.8	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.3	120.0	124.7	122.1	81.0	81.0	110.4	323.9	649.3	350.2
9:27:15	5:56:40	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.3	122.4	124.6	122.0	81.0	81.0	110.3	323.9	649.3	350.2
9:28:15	5:57:40	28.8	29.0	29.9	71.2	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.4	122.2	136.3	124.6	122.0	81.1	81.1	110.3	323.9	649.3	350.3
9:29:15	5:58:40	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	121.7	131.9	124.5	121.9	81.1	81.2	110.5	323.9	649.3	350.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000090

9:30:15	5:59:40	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.8	118.6	117.1	118.1	124.5	121.9	81.2	81.2	110.5	323.9	649.3	350.2
9:31:15	6:00:41	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.2	115.5	124.4	121.8	81.2	81.2	110.5	323.9	649.3	350.2
9:32:15	6:01:41	28.8	29.0	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.1	115.6	124.4	121.7	81.3	81.3	110.4	323.9	649.3	349.6
9:33:16	6:02:41	28.8	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.0	115.7	124.3	121.7	81.3	81.4	110.5	323.9	649.3	348.7
9:34:16	6:03:41	28.8	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	115.8	116.5	124.2	121.6	81.3	81.6	110.5	323.9	649.3	348.7
9:35:16	6:04:41	28.8	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.9	128.7	124.2	121.5	81.3	81.6	110.5	323.9	649.3	348.7
9:36:16	6:05:41	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.7	121.2	124.1	121.5	81.4	81.6	110.5	323.9	649.3	348.7
9:37:16	6:06:41	28.8	29.0	29.9	71.2	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.7	118.3	129.1	121.4	81.4	81.6	110.6	323.9	649.3	348.7
9:38:16	6:07:41	28.8	29.0	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.9	120.8	129.2	121.4	81.4	81.8	110.6	323.9	649.3	348.7
9:39:16	6:08:42	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.2	125.6	129.0	121.2	81.4	81.8	110.7	323.9	649.3	348.7
9:40:16	6:09:42	28.8	29.0	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.6	118.3	117.5	120.2	128.9	121.2	81.4	81.8	110.6	323.9	649.3	348.7
9:41:16	6:10:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.8	118.1	128.8	121.2	81.6	81.8	110.6	323.9	649.3	348.7
9:42:17	6:11:42	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.5	118.5	128.9	121.1	81.7	81.8	110.6	323.9	649.3	348.7
9:43:17	6:12:42	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	120.5	130.3	128.8	121.1	81.7	81.8	110.6	323.9	649.3	348.7
9:44:17	6:13:42	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	118.3	122.3	128.8	121.1	81.7	81.8	110.7	323.9	649.3	348.7
9:45:17	6:14:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.1	128.9	120.9	81.7	81.9	110.7	323.9	649.3	348.7
9:46:17	6:15:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.8	117.9	128.8	120.9	81.7	81.9	110.7	323.9	649.3	348.7
9:47:17	6:16:42	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.4	117.2	128.8	120.8	81.7	81.9	110.7	323.9	649.3	348.7
9:48:17	6:17:43	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	127.7	128.7	120.8	81.8	81.9	110.7	323.9	649.3	348.7
9:49:17	6:18:43	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	117.8	121.1	128.7	120.7	81.8	82.1	110.7	323.9	649.3	348.6
9:50:17	6:19:43	28.8	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.0	118.6	128.5	120.7	81.9	81.9	110.7	323.9	649.3	348.7
9:51:18	6:20:43	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.7	126.0	128.5	120.6	81.9	81.9	110.7	323.9	649.3	347.2
9:52:18	6:21:43	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.3	120.3	128.7	128.5	120.5	81.9	82.2	110.8	323.9	649.3	347.2
9:53:18	6:22:43	28.8	29.0	29.9	71.2	95.5	118.1	118.8	118.4	117.2	118.8	118.7	118.4	117.5	119.7	128.5	120.5	81.9	82.1	110.8	323.9	649.3	349.0
9:54:18	6:23:43	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	116.0	115.6	128.5	120.4	81.9	82.2	110.8	323.9	649.3	347.1
9:55:18	6:24:43	28.8	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.8	115.4	128.4	120.4	81.9	82.2	110.8	323.9	649.3	347.2
9:56:18	6:25:43	28.8	29.0	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.5	118.2	119.3	128.4	128.3	120.3	81.9	82.3	110.9	323.9	649.3	347.2
9:57:18	6:26:44	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.1	122.4	128.3	120.3	82.1	82.2	110.8	323.9	649.3	347.2
9:58:18	6:27:44	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	118.8	128.2	120.2	82.1	82.3	110.8	323.9	649.3	346.8
9:59:18	6:28:44	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	118.9	127.2	128.2	120.1	82.1	82.3	110.8	323.9	649.3	347.2
10:00:18	6:29:44	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.9	138.2	128.2	120.1	82.1	82.4	110.9	323.9	649.3	347.2
10:01:19	6:30:44	28.8	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.1	118.8	118.6	121.0	129.8	128.1	120.1	82.2	82.4	110.9	323.9	649.3	347.2
10:02:19	6:31:44	28.8	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.1	118.9	118.7	117.0	117.4	128.0	120.0	82.2	82.5	110.9	323.9	649.3	347.2
10:03:19	6:32:44	28.8	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.2	115.4	127.9	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:04:19	6:33:44	28.8	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.2	115.6	128.0	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:05:19	6:34:44	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.1	115.9	127.9	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:06:19	6:35:45	28.8	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.9	115.9	127.9	119.7	82.3	82.7	110.9	323.9	649.3	347.2
10:07:19	6:36:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	125.8	127.7	119.8	82.3	82.7	110.9	323.9	649.3	347.2
10:08:19	6:37:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.4	123.9	127.6	119.6	82.5	82.8	111.0	323.9	649.3	347.2
10:09:19	6:38:45	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.1	119.4	127.6	119.6	82.5	82.8	110.9	323.9	649.3	345.7
10:10:20	6:39:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.5	117.7	127.6	119.5	82.5	82.9	111.0	323.9	649.3	347.1
10:11:20	6:40:45	28.8	28.9	29.9	71.1	96.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.8	129.0	127.6	119.5	82.6	83.0	111.0	323.9	649.3	347.2
10:12:20	6:41:45	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.2	122.4	127.5	119.5	82.6	83.0	111.0	323.9	649.3	345.7
10:13:20	6:42:45	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	119.1	127.5	119.5	82.7	83.1	111.0	323.9	649.3	345.7
10:14:20	6:43:45	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.6	117.7	127.4	119.3	82.7	83.2	111.0	323.9	649.3	345.7
10:15:20	6:44:45	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.3	130.3	127.3	119.3	82.8	83.3	111.1	323.9	649.3	345.7
10:16:20	6:45:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	122.9	127.3	119.3	82.8	83.2	111.1	323.9	649.3	345.7
10:17:20	6:46:46	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.6	118.4	117.4	119.5	127.3	119.2	82.8	83.3	111.1	323.9	649.3	345.7
10:18:20	6:47:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	118.1	127.1	119.2	82.8	83.3	111.1	323.9	649.3	345.7
10:19:21	6:48:46	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	116.6	117.4	127.2	119.1	83.0	83.4	111.1	323.9	649.3	345.7
10:20:21	6:49:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.3	128.2	127.2	122.0	83.0	83.5	112.5	323.9	649.3	345.6
10:21:21	6:50:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.3	122.9	127.1	122.3	83.0	83.5	111.5	323.9	649.3	345.6
10:22:21	6:51:46	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	117.3	119.4	126.9	122.3	83.1	83.5	111.5	323.9	649.3	345.6
10:23:21	6:52:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.7	117.9	126.9	122.1	83.1	83.6	111.5	323.9	649.3	345.7
10:24:21	6:53:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	116.4	117.3	127.0	122.1	83.1	83.7	111.6	323.9	649.3	345.7
10:25:21	6:54:47	28.8	28.9	29.9	71.1	96.2	117.8	118.3	118.1	117.0	118.6	118.5	118.2	119.4	128.4	126.9	122.1	83.2	83.7	111.6	323.9	649.3	345.7
10:26:21	6:55:47	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	122.8	127.0	122.0	83.2	83.7	111.7	323.9	649.3	345.6
10:27:21	6:56:47	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.2	119.3	126.9	122.0	83.3	83.8	111.7	323.9	649.3	345.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000091

10:28:22	6:57:47	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.2	119.6	128.6	126.7	122.0	83.3	83.8	111.7	323.9	649.3	345.7
10:29:22	6:58:47	28.8	28.9	29.9	71.1	95.4	118.1	118.8	118.4	117.2	118.9	118.7	118.4	120.4	128.7	126.6	121.9	83.3	83.8	111.8	323.9	649.3	345.7
10:30:22	6:59:47	28.8	28.9	29.9	71.1	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.4	116.8	117.9	126.8	121.8	83.4	83.9	111.8	323.9	649.3	345.7
10:31:22	7:00:47	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	116.1	115.7	126.6	121.8	83.4	83.9	111.8	323.9	649.3	345.6
10:32:22	7:01:47	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.9	115.7	126.6	121.7	83.4	83.9	111.8	323.9	649.3	345.6
10:33:22	7:02:48	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	121.0	132.6	126.4	121.6	83.4	83.9	111.8	323.9	649.3	345.6
10:34:22	7:03:48	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	119.0	124.7	126.6	121.6	83.4	84.0	111.9	323.9	649.3	345.7
10:35:22	7:04:48	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.9	118.7	118.4	116.6	117.3	126.5	121.5	83.4	84.0	111.8	323.9	649.3	345.7
10:36:23	7:05:48	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.8	118.7	118.4	115.9	115.4	126.4	121.5	83.6	84.0	111.8	323.9	649.3	345.7
10:37:23	7:06:48	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.6	126.5	121.4	83.7	84.1	111.9	323.9	649.3	345.7
10:38:23	7:07:48	28.8	28.9	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.2	117.8	124.6	126.4	121.4	83.6	84.1	111.8	323.9	649.3	345.7
10:39:23	7:08:48	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.4	126.2	121.3	83.7	84.2	111.9	323.9	649.3	345.7
10:40:23	7:09:48	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.7	118.6	118.3	120.4	131.4	126.1	121.2	83.8	84.2	111.9	323.9	649.3	345.7
10:41:23	7:10:49	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	123.4	138.2	126.1	121.2	83.8	84.3	112.0	323.9	649.3	345.7
10:42:23	7:11:49	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.1	118.9	118.6	118.3	121.6	126.2	121.2	83.9	84.3	112.0	323.9	649.3	345.6
10:43:23	7:12:49	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.4	115.9	126.2	121.1	83.9	84.4	112.0	323.9	649.3	345.6
10:44:24	7:13:49	28.8	28.9	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.8	118.5	116.3	115.6	126.2	121.0	83.9	84.5	112.1	323.9	649.3	345.6
10:45:24	7:14:49	28.8	28.9	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.3	116.0	126.0	121.0	83.9	84.5	112.1	323.9	649.3	345.7
10:46:24	7:15:49	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.1	116.0	126.1	120.9	84.1	84.6	112.1	323.9	649.3	344.1
10:47:24	7:16:49	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	115.9	116.1	125.9	120.9	84.1	84.6	112.0	323.9	649.3	345.7
10:48:24	7:17:49	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.9	129.1	125.8	120.8	84.1	84.6	112.1	323.9	649.3	344.1
10:49:24	7:18:49	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.0	121.9	125.8	120.8	84.2	84.7	112.1	323.9	649.3	344.1
10:50:24	7:19:50	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.0	118.8	125.7	120.7	84.2	84.7	112.1	323.9	649.3	344.1
10:51:24	7:20:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.5	117.5	125.7	120.7	84.2	84.8	112.1	323.9	649.3	344.1
10:52:24	7:21:50	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.2	127.8	125.7	120.7	84.3	84.7	112.1	323.9	649.3	344.1
10:53:25	7:22:50	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.5	118.3	118.4	123.2	125.6	120.6	84.3	84.8	112.2	323.9	649.3	344.1
10:54:25	7:23:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.4	125.6	120.5	84.3	84.8	112.1	323.9	649.3	344.1
10:55:25	7:24:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.8	129.1	125.6	120.5	84.3	84.9	112.2	323.9	649.3	344.1
10:56:25	7:25:50	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.3	119.2	124.7	125.5	120.5	84.4	84.9	112.2	323.9	649.3	344.2
10:57:25	7:26:50	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.8	117.5	125.4	120.4	84.4	84.9	112.2	323.9	649.3	344.2
10:58:25	7:27:50	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	114.6	112.1	125.4	120.3	84.4	84.9	112.2	323.9	649.3	344.2
10:59:25	7:28:51	28.8	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.4	118.4	118.2	115.1	117.3	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.2
11:00:25	7:29:51	28.8	28.9	29.9	70.7	95.5	117.8	118.3	118.1	117.1	118.5	118.4	118.2	119.4	128.3	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.2
11:01:25	7:30:51	28.8	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.4	118.2	119.2	128.4	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.1
11:02:25	7:31:51	28.8	28.9	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.7	118.6	118.3	118.3	123.1	125.2	120.1	84.7	85.0	112.2	323.9	649.3	344.2
11:03:26	7:32:51	28.8	28.9	29.9	70.7	95.2	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	119.1	125.1	120.0	84.6	85.0	112.2	323.9	649.3	344.1
11:04:26	7:33:51	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	117.8	125.1	120.0	84.7	85.0	112.2	323.9	649.3	344.1
11:05:26	7:34:51	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.6	128.8	125.1	119.8	84.8	85.1	112.2	323.9	649.3	344.2
11:06:26	7:35:51	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.0	124.9	125.1	119.8	84.7	85.0	112.2	323.9	649.3	344.2
11:07:26	7:36:51	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.8	118.6	118.4	117.7	120.3	124.9	119.8	84.8	85.1	112.2	323.9	649.3	342.7
11:08:26	7:37:52	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.1	118.5	125.0	119.8	84.8	85.1	112.3	323.9	649.3	342.7
11:09:26	7:38:52	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.8	117.7	125.0	119.8	84.8	85.2	112.2	323.9	649.3	342.7
11:10:26	7:39:52	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	116.5	117.2	124.8	119.7	84.8	85.1	112.2	323.9	649.3	342.7
11:11:27	7:40:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.7	124.8	119.6	84.8	85.1	112.2	323.9	649.3	342.6
11:12:27	7:41:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.7	118.6	118.3	118.0	121.8	124.8	119.5	84.8	85.2	112.2	323.9	649.3	342.7
11:13:27	7:42:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.2	119.0	124.7	119.5	84.8	85.1	112.2	323.9	649.3	342.7
11:14:27	7:43:52	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.8	117.9	124.7	119.5	84.9	85.1	112.2	323.9	649.3	342.6
11:15:27	7:44:52	28.8	28.9	29.9	71.1	96.2	117.8	118.3	118.1	117.0	118.6	118.5	118.3	119.0	127.2	124.6	119.3	84.9	85.1	112.2	323.9	649.3	342.7
11:16:27	7:45:52	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.2	118.6	123.4	124.6	119.3	84.8	85.1	112.2	323.9	649.3	342.6
11:17:27	7:46:53	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.4	119.6	124.6	119.2	84.8	85.1	112.3	323.9	649.3	342.6
11:18:27	7:47:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.2	124.4	119.2	84.9	85.1	112.2	323.9	649.3	342.6
11:19:27	7:48:53	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.7	118.6	118.3	119.6	128.4	124.4	119.2	84.9	85.1	112.2	323.9	649.3	342.6
11:20:28	7:49:53	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	119.6	126.3	124.5	119.2	85.1	85.2	112.3	323.9	649.3	342.7
11:21:28	7:50:53	28.8	28.9	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.8	118.7	118.4	117.6	119.4	124.4	121.7	85.1	85.1	113.9	323.9	649.3	342.6
11:22:28	7:51:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.0	115.3	124.3	122.3	85.1	85.1	112.7	323.9	649.3	342.6
11:23:28	7:52:53	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	115.8	115.2	124.3	122.3	85.1	85.1	112.6	323.9	649.3	342.6
11:24:28	7:53:53	28.8	28.9	29.9	71.2	96.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	129.0	124.2	122.2	85.1	85.1	112.6	323.9	649.3	342.6
11:25:28	7:54:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.1	122.2	124.2	122.2	85.1	85.1	112.6	323.9	649.3	342.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000092

11:26:28	7:55:54	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	118.9	124.1	122.1	85.1	85.1	112.7	323.9	649.3	342.6
11:27:28	7:56:54	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.6	117.8	124.1	122.0	85.1	85.1	112.6	323.9	649.3	342.6
11:28:28	7:57:54	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	121.5	134.1	129.5	122.0	85.1	85.1	112.6	323.9	649.3	341.1
11:29:28	7:58:54	28.8	28.9	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.4	123.4	137.3	129.4	121.9	85.1	85.1	112.7	323.9	649.3	342.7
11:30:29	7:59:54	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.1	118.9	118.6	118.2	120.9	129.1	121.9	85.1	85.1	112.7	323.9	649.3	341.2
11:31:29	8:00:54	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.9	118.6	116.4	115.9	129.1	121.9	85.1	85.1	112.7	323.9	649.3	341.2
11:32:29	8:01:54	28.8	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.7	129.0	121.7	85.1	85.1	112.7	323.9	649.3	341.1
11:33:29	8:02:54	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.2	116.0	129.0	121.6	85.1	85.1	112.7	323.9	649.3	341.1
11:34:29	8:03:54	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.1	116.2	129.0	121.7	85.3	85.0	112.6	323.9	649.3	341.1
11:35:29	8:04:55	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	117.6	123.4	129.0	121.5	85.1	85.1	112.7	323.9	649.3	341.1
11:36:29	8:05:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.8	124.6	128.8	121.5	85.1	85.0	112.7	323.9	649.3	341.1
11:37:29	8:06:55	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.8	129.0	121.5	85.1	85.2	112.8	323.9	649.3	341.1
11:38:30	8:07:55	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.8	118.0	128.9	121.4	85.1	85.1	112.7	323.9	649.3	341.1
11:39:30	8:08:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.4	117.2	128.7	121.4	85.1	85.1	112.6	323.9	649.3	341.2
11:40:30	8:09:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	128.8	121.3	85.3	85.1	112.7	323.9	649.3	341.2
11:41:30	8:10:55	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.6	118.4	118.0	121.7	128.7	121.3	85.3	85.2	112.7	323.9	649.3	341.1
11:42:30	8:11:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.2	119.0	128.6	121.2	85.3	85.1	112.6	323.9	649.3	341.1
11:43:30	8:12:55	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.7	117.8	128.7	121.1	85.3	85.1	112.7	323.9	649.3	341.1
11:44:30	8:13:56	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.8	126.8	128.6	121.1	85.3	85.2	112.7	323.9	649.3	341.1
11:45:30	8:14:56	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.9	138.1	128.6	121.1	85.3	85.1	112.7	323.9	649.3	341.1
11:46:30	8:15:56	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	120.6	128.7	128.5	121.0	85.3	85.2	112.7	323.9	649.3	341.1
11:47:31	8:16:56	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.8	117.1	128.4	120.9	85.3	85.1	112.7	323.9	649.3	341.2
11:48:31	8:17:56	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.6	128.5	120.9	85.3	85.2	112.7	323.9	649.3	341.1
11:49:31	8:18:56	28.8	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.9	128.5	120.9	85.3	85.2	112.7	323.9	649.3	341.1
11:50:31	8:19:56	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	116.1	128.3	120.8	85.3	85.2	112.7	323.9	649.3	341.1
11:51:31	8:20:56	28.8	28.9	29.9	71.3	96.0	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.0	116.2	128.4	120.7	85.3	85.2	112.7	323.9	649.3	341.1
11:52:31	8:21:56	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	129.6	128.3	120.7	85.3	85.2	112.7	323.9	649.3	341.2
11:53:31	8:22:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	123.3	128.3	120.6	85.3	85.3	112.7	323.9	649.3	341.2
11:54:31	8:23:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.3	116.5	128.2	120.6	85.3	85.2	112.6	323.9	649.3	341.1
11:55:31	8:24:57	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	114.4	113.9	128.2	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:56:32	8:25:57	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.6	129.1	128.1	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:57:32	8:26:57	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.3	126.0	128.1	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:58:32	8:27:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.7	137.5	128.1	120.4	85.3	85.4	112.7	323.9	649.3	341.1
11:59:32	8:28:57	28.8	28.9	29.9	71.1	95.0	118.3	118.8	118.5	117.5	119.0	118.8	118.6	119.9	126.4	127.9	120.3	85.4	85.3	112.6	323.9	649.3	341.2
12:00:32	8:29:57	28.8	28.9	29.9	71.6	95.5	118.3	118.8	118.6	117.5	119.0	118.9	118.7	116.6	116.6	127.9	120.2	85.4	85.4	112.7	323.9	649.3	341.1
12:01:32	8:30:57	28.8	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.2	115.4	127.8	120.2	85.4	85.4	112.6	323.9	649.3	341.1
12:02:32	8:31:57	28.8	28.9	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.2	115.7	127.8	120.1	85.4	85.4	112.6	323.9	649.3	341.1
12:03:32	8:32:58	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	116.0	127.6	120.1	85.4	85.4	112.6	323.9	649.3	341.2
12:04:32	8:33:58	28.8	28.9	29.9	71.1	95.9	117.9	118.3	118.2	117.2	118.5	118.5	118.3	116.7	120.5	127.7	120.0	85.4	85.4	112.5	323.9	649.3	341.1
12:05:32	8:34:58	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.4	119.2	125.9	127.7	120.0	85.4	85.4	112.6	323.9	649.3	341.1
12:06:33	8:35:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.4	117.4	120.2	127.5	119.8	85.4	85.4	112.6	323.9	649.3	341.1
12:07:33	8:36:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.8	118.2	127.3	119.8	85.4	85.4	112.5	323.9	649.3	341.1
12:08:33	8:37:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.4	117.3	127.4	119.8	85.4	85.5	112.6	323.9	649.3	341.1
12:09:33	8:38:58	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	120.1	129.1	127.3	119.8	85.6	85.5	112.6	323.9	649.3	341.2
12:10:33	8:39:58	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.1	122.0	127.2	119.7	85.6	85.4	112.5	323.9	649.3	339.7
12:11:33	8:40:58	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.2	119.1	127.2	119.6	85.4	85.4	112.5	323.9	649.3	339.6
12:12:33	8:41:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.3	116.7	117.9	127.3	119.6	85.4	85.5	112.5	323.9	649.3	341.1
12:13:33	8:42:59	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.6	125.9	127.2	119.5	85.6	85.5	112.5	323.9	649.3	339.6
12:14:33	8:43:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	118.9	124.4	127.1	119.5	85.6	85.5	112.6	323.9	649.3	339.6
12:15:33	8:44:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.6	120.0	127.0	119.3	85.4	85.5	112.5	323.9	649.3	339.7
12:16:34	8:45:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.0	118.4	126.9	119.3	85.6	85.5	112.5	323.9	649.3	339.6
12:17:34	8:46:59	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.7	117.6	127.1	119.3	85.6	85.6	112.5	323.9	649.3	339.6
12:18:34	8:47:59	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.4	117.2	127.0	119.3	85.6	85.6	112.5	323.9	649.3	339.6
12:19:34	8:48:59	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.8	128.0	126.9	119.3	85.6	85.6	112.5	323.9	649.3	339.7
12:20:34	8:49:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.8	121.4	126.8	119.2	85.7	85.6	112.5	323.9	649.3	339.7
12:21:34	8:50:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.1	118.8	126.8	119.2	85.7	85.7	112.5	323.9	649.3	339.7
12:22:34	8:52:00	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.6	118.3	116.8	117.8	126.7	119.1	85.7	85.7	112.5	323.9	649.3	339.6
12:23:34	8:53:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.9	128.0	126.7	121.2	85.7	85.7	114.0	323.9	649.3	339.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000093

12:24:34	8:54:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	117.5	119.9	126.6	122.4	85.7	85.8	112.9	323.9	649.3	339.6
12:25:35	8:55:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	114.9	113.2	126.7	122.4	85.7	85.8	112.9	323.9	649.3	339.7
12:26:35	8:56:00	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.0	128.0	126.6	122.3	85.7	85.8	112.9	323.9	649.3	338.2
12:27:35	8:57:00	28.8	28.9	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.7	118.6	118.3	117.8	122.2	126.6	122.2	85.7	85.9	112.9	323.9	649.3	338.1
12:28:35	8:58:00	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.9	118.5	126.5	122.2	85.8	86.0	112.9	323.9	649.3	338.2
12:29:35	8:59:00	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	118.2	125.0	126.4	122.1	85.8	86.0	112.9	323.9	649.3	338.1
12:30:35	9:00:00	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.6	118.3	118.9	124.4	126.4	122.1	85.8	86.0	113.0	323.9	649.3	338.1
12:31:35	9:01:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.5	119.9	126.3	122.0	85.8	86.0	113.0	323.9	649.3	338.1
12:32:35	9:02:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.0	118.3	126.2	122.0	85.8	86.1	113.0	323.9	649.3	338.1
12:33:35	9:03:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.6	117.5	126.2	121.9	85.8	86.1	113.1	323.9	649.3	338.1
12:34:35	9:04:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	117.1	126.2	121.9	85.8	86.2	113.1	323.9	649.3	338.1
12:35:36	9:05:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	128.3	126.1	121.8	85.8	86.2	113.1	323.9	649.3	338.1
12:36:36	9:06:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.8	121.6	126.0	121.8	85.9	86.2	113.0	323.9	649.3	338.2
12:37:36	9:07:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.2	119.0	126.0	121.8	85.9	86.2	113.1	323.9	649.3	338.2
12:38:36	9:08:01	28.8	28.9	29.9	71.6	96.4	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.7	117.8	126.0	121.7	85.9	86.3	113.1	323.9	649.3	338.1
12:39:36	9:09:01	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.5	118.1	126.0	121.6	86.0	86.3	113.1	323.9	649.3	338.1
12:40:36	9:10:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.6	126.9	125.9	121.6	86.0	86.3	113.1	323.9	649.3	338.1
12:41:36	9:11:02	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.8	118.7	118.3	117.8	121.0	126.0	121.5	86.0	86.4	113.1	323.9	649.3	338.2
12:42:36	9:12:02	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	118.8	125.8	121.5	86.2	86.4	113.2	323.9	649.3	338.1
12:43:36	9:13:02	28.8	28.9	29.9	71.0	95.6	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.8	117.9	125.7	121.4	86.2	86.4	113.1	323.9	649.3	338.1
12:44:37	9:14:02	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.5	117.4	125.7	121.4	86.2	86.4	113.2	323.9	649.3	338.5
12:45:37	9:15:02	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.2	120.0	128.8	125.8	121.4	86.2	86.4	113.2	323.9	649.3	338.1
12:46:37	9:16:02	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.1	121.9	125.7	121.2	86.2	86.5	113.2	323.9	649.3	338.2
12:47:37	9:17:02	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.3	119.2	125.6	121.2	86.2	86.5	113.2	323.9	649.3	338.2
12:48:37	9:18:02	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.9	118.1	125.6	121.2	86.3	86.6	113.2	323.9	649.3	338.1
12:49:37	9:19:02	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.6	117.5	125.6	121.2	86.3	86.6	113.2	323.9	649.3	336.6
12:50:37	9:20:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.8	129.0	125.5	121.1	86.3	86.6	113.2	323.9	649.3	338.1
12:51:37	9:21:03	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	122.9	125.4	121.0	86.4	86.7	113.2	323.9	649.3	336.6
12:52:37	9:22:03	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.3	117.4	119.6	125.4	121.0	86.4	86.7	113.2	323.9	649.3	336.6
12:53:37	9:23:03	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.2	125.3	120.9	86.4	86.7	113.3	323.9	649.3	336.6
12:54:38	9:24:03	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.6	117.6	125.3	120.8	86.4	86.8	113.3	323.9	649.3	336.6
12:55:38	9:25:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	116.4	117.2	125.3	120.8	86.5	86.8	113.3	323.9	649.3	336.6
12:56:38	9:26:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.9	128.4	125.3	120.8	86.5	86.9	113.3	323.9	649.3	336.6
12:57:38	9:27:03	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.7	118.3	118.0	121.7	125.2	120.7	86.5	86.9	113.4	323.9	649.3	336.6
12:58:38	9:28:03	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.2	119.1	125.2	120.6	86.7	87.0	113.4	323.9	649.3	336.7
12:59:38	9:29:04	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	118.0	125.2	120.7	86.7	87.0	113.4	323.9	649.3	336.6
13:00:38	9:30:04	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	118.2	124.6	125.1	120.6	86.7	87.0	113.4	323.9	649.3	336.6
13:01:38	9:31:04	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.3	122.7	137.5	125.0	120.6	86.7	87.2	113.4	323.9	649.3	338.0
13:02:39	9:32:04	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.2	119.0	118.6	121.2	129.9	125.0	120.6	86.8	87.3	113.5	323.9	649.3	338.0
13:03:39	9:33:04	28.8	28.9	29.9	71.1	94.8	118.4	118.9	118.7	117.5	119.1	119.0	118.6	117.2	117.7	125.0	120.5	86.8	87.3	113.5	323.9	649.3	336.6
13:04:39	9:34:04	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.4	115.7	124.9	120.4	86.8	87.3	113.5	323.9	649.3	336.7
13:05:39	9:35:04	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.4	116.5	116.1	124.8	120.4	86.9	87.3	113.5	323.9	649.3	336.7
13:06:39	9:36:04	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.4	116.4	124.8	120.4	86.9	87.4	113.5	323.9	649.3	336.6
13:07:39	9:37:04	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.4	117.1	118.8	118.7	118.3	116.2	116.4	124.7	120.2	86.9	87.4	113.5	323.9	649.3	336.6
13:08:39	9:38:05	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	116.2	116.5	124.7	120.3	87.1	87.4	113.5	323.9	649.3	336.7
13:09:39	9:39:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.1	116.5	124.6	120.2	87.1	87.6	113.5	323.9	649.3	336.7
13:10:39	9:40:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.9	129.4	124.6	120.2	87.2	87.6	113.5	323.9	649.3	336.7
13:11:40	9:41:05	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.7	118.3	118.1	122.2	124.7	120.1	87.2	87.7	113.6	323.9	649.3	336.6
13:12:40	9:42:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.7	118.7	118.3	117.2	119.1	124.6	120.1	87.2	87.7	113.5	323.9	649.3	336.6
13:13:40	9:43:05	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.8	117.9	124.5	120.0	87.3	87.8	113.6	323.9	649.3	336.6
13:14:40	9:44:05	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.7	126.1	124.4	120.0	87.3	87.8	113.5	323.9	649.3	336.6
13:15:40	9:45:05	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.9	118.8	118.4	122.9	137.9	124.4	119.8	87.3	87.9	113.6	323.9	649.3	336.7
13:16:40	9:46:05	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.9	118.6	120.9	129.3	124.3	119.8	87.3	87.9	113.7	323.9	649.3	336.6
13:17:40	9:47:06	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.9	118.6	117.0	117.4	124.2	119.8	87.4	87.9	113.7	323.9	649.3	336.6
13:18:40	9:48:06	28.8	28.9	29.9	71.1	94.9	118.3	118.8	118.6	117.5	119.0	118.9	118.6	116.5	115.8	124.1	119.8	87.6	88.0	113.6	323.9	649.3	336.6
13:19:40	9:49:06	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.1	124.2	119.8	87.6	88.1	113.7	323.9	649.3	336.6
13:20:40	9:50:06	28.8	28.9	29.9	71.1	95.2	118.2	118.7	118.5	117.4	118.8	118.8	118.5	116.5	116.5	124.1	119.8	87.6	88.1	113.7	323.9	649.3	336.6
13:21:41	9:51:06	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.3	116.5	124.2	119.6	87.6	88.1	113.7	323.9	649.3	336.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000094

13:22:41	9:52:06	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.2	116.6	124.1	119.6	87.8	88.2	113.7	323.9	649.3	336.6
13:23:41	9:53:06	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	116.5	124.1	119.6	87.8	88.3	113.7	323.9	649.3	336.6
13:24:41	9:54:06	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.8	132.4	129.1	119.6	87.8	88.3	113.8	323.9	649.3	336.6
13:25:41	9:55:06	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.9	118.7	118.4	119.0	124.8	129.1	119.5	87.8	88.4	113.8	323.9	649.3	336.6
13:26:41	9:56:07	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	116.6	128.9	119.5	87.9	88.4	113.8	323.9	649.3	336.6
13:27:41	9:57:07	28.7	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	115.9	115.6	129.0	119.3	87.9	88.5	113.8	323.9	649.3	336.6
13:28:41	9:58:07	28.7	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.0	115.9	128.8	119.3	88.0	88.5	113.8	323.9	649.3	336.5
13:29:41	9:59:07	28.7	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	119.8	129.0	129.0	119.3	88.0	88.6	113.8	323.9	649.3	336.6
13:30:42	10:00:07	28.7	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.1	122.2	128.9	119.3	88.0	88.6	113.8	323.9	649.3	336.6
13:31:42	10:01:07	28.7	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	119.1	128.8	119.2	88.1	88.6	113.8	323.9	649.3	336.6
13:32:42	10:02:07	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.8	118.2	128.8	119.2	88.1	88.7	113.8	323.9	649.3	336.6
13:33:42	10:03:07	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.3	121.8	134.7	128.8	119.2	88.1	88.7	113.9	323.9	649.3	335.1
13:34:42	10:04:07	28.7	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.9	118.5	121.4	130.9	128.7	119.1	88.2	88.7	113.9	323.9	649.3	335.1
13:35:42	10:05:08	28.7	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	119.0	118.6	117.1	117.9	128.7	121.1	88.2	88.8	115.2	323.9	649.3	336.6
13:36:42	10:06:08	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.8	118.5	116.4	115.8	128.7	122.4	88.2	88.8	114.3	323.9	649.3	335.1
13:37:42	10:07:08	28.7	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.4	116.0	128.7	122.3	88.3	88.8	114.3	323.9	649.3	335.1
13:38:43	10:08:08	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.4	116.4	128.6	122.4	88.4	88.9	114.3	323.9	649.3	335.1
13:39:43	10:09:08	28.7	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.3	116.5	128.6	122.3	88.4	89.0	114.4	323.9	649.3	335.1
13:40:43	10:10:08	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	116.5	128.5	122.3	88.4	89.0	114.4	323.9	649.3	335.1
13:41:43	10:11:08	28.7	28.9	29.9	71.6	96.4	118.0	118.5	118.3	117.2	118.6	118.6	118.3	120.7	132.4	128.5	122.2	88.4	89.0	114.4	323.9	649.3	335.1
13:42:43	10:12:08	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	122.0	133.3	128.4	122.2	88.5	89.0	114.5	323.9	649.3	335.1
13:43:43	10:13:09	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.8	118.6	117.2	118.7	128.3	122.1	88.5	89.0	114.5	323.9	649.3	335.1
13:44:43	10:14:09	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.8	128.3	122.1	88.7	89.0	114.5	323.9	649.3	335.1
13:45:43	10:15:09	28.7	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.8	118.5	116.2	115.9	128.3	122.0	88.5	89.1	114.5	323.9	649.3	335.1
13:46:44	10:16:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	116.2	128.2	121.9	88.7	89.2	114.6	323.9	649.3	335.0
13:47:44	10:17:09	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.1	116.3	128.2	121.9	88.7	89.2	114.6	323.9	649.3	335.1
13:48:44	10:18:09	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	119.2	128.2	128.0	121.9	88.8	89.2	114.6	323.9	649.3	335.1
13:49:44	10:19:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.4	123.2	128.0	121.9	88.8	89.3	114.6	323.9	649.3	335.1
13:50:44	10:20:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.5	128.0	121.8	88.8	89.3	114.6	323.9	649.3	335.1
13:51:44	10:21:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.9	118.2	127.8	121.7	88.8	89.3	114.6	323.9	649.3	335.1
13:52:44	10:22:10	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.7	118.3	116.7	117.6	127.8	121.7	88.9	89.5	114.7	323.9	649.3	335.0
13:53:44	10:23:10	28.7	28.9	29.8	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.4	121.0	132.7	127.8	121.7	89.0	89.5	114.7	323.9	649.3	333.6
13:54:45	10:24:10	28.7	28.9	29.8	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	121.6	131.8	127.7	121.6	89.0	89.5	114.8	323.9	649.3	333.6
13:55:45	10:25:10	28.7	28.9	29.8	71.1	95.0	118.3	118.8	118.6	117.4	119.0	118.9	118.6	117.2	118.2	127.8	121.5	89.0	89.6	114.9	323.9	649.3	333.5
13:56:45	10:26:10	28.7	28.9	29.9	71.1	95.0	118.3	118.8	118.5	117.5	118.9	118.8	118.5	116.4	115.9	127.7	121.5	89.1	89.7	114.8	323.9	649.3	333.6
13:57:45	10:27:10	28.7	28.9	29.8	71.6	96.0	118.1	118.7	118.4	117.3	118.9	118.8	118.5	116.4	116.1	127.6	121.5	89.1	89.8	114.9	323.9	649.3	333.5
13:58:45	10:28:10	28.7	28.9	29.8	71.7	96.2	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.4	116.5	127.5	121.5	89.2	89.8	114.9	323.9	649.3	333.6
13:59:45	10:29:10	28.7	28.9	29.8	71.6	96.4	118.0	118.5	118.3	117.2	118.7	118.7	118.4	116.4	116.6	127.5	121.4	89.3	89.9	114.9	323.9	649.3	333.6
14:00:45	10:30:11	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.3	116.2	116.6	127.5	121.3	89.3	90.0	114.9	323.9	649.3	333.6
14:01:45	10:31:11	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.6	118.3	116.2	116.6	127.4	121.3	89.4	90.0	114.9	323.9	649.3	333.5
14:02:46	10:32:11	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	128.3	127.3	121.2	89.4	90.0	114.9	323.9	649.3	333.6
14:03:46	10:33:11	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	117.8	121.6	127.3	121.2	89.5	90.2	115.0	323.9	649.3	333.6
14:04:46	10:34:11	28.7	28.9	29.8	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.7	118.3	117.2	119.0	127.3	121.2	89.5	90.2	115.0	323.9	649.3	333.6
14:05:46	10:35:11	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.7	118.7	118.3	116.9	118.1	127.1	121.1	89.5	90.3	115.0	323.9	649.3	333.6
14:06:46	10:36:11	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.7	117.6	127.1	121.1	89.7	90.3	115.0	323.9	649.3	333.6
14:07:46	10:37:11	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	120.6	131.6	127.1	121.1	89.7	90.4	115.1	323.9	649.3	332.1
14:08:46	10:38:12	28.8	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.3	119.0	118.8	118.5	122.9	135.6	127.1	121.1	89.8	90.4	115.2	323.9	649.3	333.5
14:09:46	10:39:12	28.8	28.9	29.8	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.8	120.2	127.0	121.1	89.9	90.5	115.2	323.9	649.3	332.1
14:10:46	10:40:12	28.8	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.9	118.6	116.5	115.9	127.0	121.0	89.9	90.5	115.2	323.9	649.3	333.5
14:11:47	10:41:12	28.7	28.9	29.8	71.1	95.2	118.2	118.7	118.5	117.4	118.9	118.8	118.5	116.5	116.0	126.9	121.0	89.9	90.5	115.1	323.9	649.3	333.6
14:12:47	10:42:12	28.7	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.8	118.5	116.5	116.4	126.9	120.9	90.0	90.6	115.2	323.9	649.3	333.5
14:13:47	10:43:12	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.3	117.3	118.8	118.7	118.4	116.4	116.6	126.8	120.9	90.0	90.6	115.2	323.9	649.3	333.5
14:14:47	10:44:12	28.7	28.9	29.8	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.3	116.7	126.8	120.8	90.0	90.7	115.2	323.9	649.3	333.6
14:15:47	10:45:12	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.4	125.7	126.9	120.7	90.1	90.8	115.2	323.9	649.3	333.6
14:16:47	10:46:12	28.7	28.9	29.8	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.8	137.6	126.9	120.7	90.2	90.8	115.3	323.9	649.3	333.6
14:17:47	10:47:13	28.7	28.9	29.8	71.1	95.1	118.2	118.8	118.5	117.4	119.1	118.9	118.6	119.6	125.7	126.6	120.7	90.2	90.8	115.3	323.9	649.3	333.6
14:18:47	10:48:13	28.7	28.9	29.8	71.1	95.0	118.3	118.8	118.5	117.5	119.0	118.9	118.6	116.6	116.6	126.7	120.6	90.2	90.9	115.4	323.9	649.3	333.6
14:19:48	10:49:13	28.7	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.4	115.8	126.6	120.6	90.4	90.9	115.4	323.9	649.3	332.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000095

14:20:48	10:50:13	28.7	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.4	116.2	126.5	120.5	90.3	90.9	115.4	323.9	649.3	332.1
14:21:48	10:51:13	28.8	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.4	116.6	126.5	120.5	90.4	91.0	115.4	323.9	649.3	332.1
14:22:48	10:52:13	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.4	116.7	126.4	120.5	90.5	91.0	115.3	323.9	649.3	332.1
14:23:48	10:53:13	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.3	116.7	126.3	120.5	90.5	91.0	115.4	323.9	649.3	332.1
14:24:48	10:54:13	28.7	28.9	29.8	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.3	118.9	127.5	126.3	120.4	90.5	91.1	115.4	323.9	649.3	332.1
14:25:48	10:55:14	28.7	28.9	29.8	70.7	95.0	118.0	118.6	118.3	117.2	118.7	118.7	118.3	118.6	123.6	126.3	120.3	90.6	91.1	115.4	323.9	649.3	332.1
14:26:48	10:56:14	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.7	118.4	117.5	119.9	126.2	120.3	90.6	91.1	115.5	323.9	649.3	332.1
14:27:48	10:57:14	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.1	118.5	126.3	120.3	90.7	91.2	115.5	323.9	649.3	332.1
14:28:49	10:58:14	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	117.9	126.1	120.2	90.7	91.2	115.4	323.9	649.3	332.1
14:29:49	10:59:14	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	116.7	117.5	126.1	120.2	90.7	91.2	115.5	323.9	649.3	332.0

EXPOSURE(2) SUMMARY 06/11/2015 14:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:35	11:00:00	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.0	130.1	126.0	120.2	90.8	91.2	115.5	323.9	649.3	332.1

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.3 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.6 MAX GAS TEMP: 090.9
END PRESS: 0028.7 MIN PRESS: 0028.7 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 078.8
PRESS CHANGE: 000.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 129.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/11/2015 14:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:35	0:00:00	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.0	130.1	126.0	120.2	90.8	91.2	115.5	323.9	649.3	332.1
14:31:35	0:01:00	28.0	28.1	29.8	69.8	94.2	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.7	124.4	126.1	120.1	90.9	94.5	115.5	323.9	649.3	326.1
14:32:35	0:02:00	27.4	27.5	29.8	68.8	93.2	117.8	118.3	118.1	116.9	118.5	118.4	118.0	119.3	127.1	126.1	120.0	90.9	96.0	115.6	323.9	649.3	318.5
14:33:35	0:03:00	26.6	26.8	29.8	67.5	91.4	117.7	118.3	118.0	116.9	118.4	118.3	117.9	120.3	127.9	125.9	120.1	91.0	97.0	115.6	323.9	649.3	309.4
14:34:35	0:04:00	26.0	26.1	29.8	66.6	90.1	117.8	118.3	118.1	116.9	118.5	118.4	118.0	120.4	128.3	125.8	120.0	91.0	97.7	115.6	323.9	649.3	302.0
14:35:35	0:05:00	25.3	25.5	29.8	65.2	88.3	117.7	118.3	118.1	116.8	118.5	118.4	117.9	120.1	127.8	125.8	120.0	91.0	98.8	115.6	323.9	649.3	292.9
14:36:35	0:06:01	24.6	24.7	29.8	63.8	86.5	117.7	118.3	118.1	116.8	118.5	118.4	118.0	120.0	127.6	125.8	120.0	91.0	99.6	115.7	323.9	649.3	285.4
14:37:35	0:07:01	24.0	24.1	29.8	62.9	85.1	117.8	118.5	118.1	116.9	118.5	118.4	118.0	119.8	127.1	125.7	119.8	91.1	100.1	115.7	323.9	649.3	277.8
14:38:36	0:08:01	23.3	23.4	29.8	61.6	83.3	117.8	118.5	118.1	116.9	118.5	118.4	118.0	119.6	126.6	125.6	119.8	91.1	100.4	115.7	323.9	649.4	268.8
14:39:36	0:09:01	22.6	22.7	29.8	60.7	82.2	117.7	118.3	118.1	116.8	118.5	118.4	117.9	119.4	125.7	125.6	119.8	91.1	100.7	115.7	323.9	649.3	261.3
14:40:36	0:10:01	21.9	22.0	29.8	59.8	80.9	117.8	118.5	118.1	116.8	118.6	118.4	118.0	119.2	124.5	125.6	119.8	91.2	100.9	115.8	323.9	649.4	253.8
14:41:36	0:11:01	21.2	21.3	29.8	58.4	79.0	117.8	118.5	118.1	116.8	118.6	118.4	118.0	119.2	123.2	125.5	119.8	91.2	101.3	115.8	324.0	649.4	244.7
14:42:36	0:12:01	20.6	20.7	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.6	118.4	117.9	119.2	122.6	125.5	119.7	91.2	101.4	115.8	323.9	649.3	237.1

STERILANT REMOVAL SUMMARY 06/11/2015 14:57:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:42	0:12:06	20.5	20.6	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.5	118.4	117.9	119.0	123.5	125.5	119.7	91.2	101.4	115.8	324.0	649.3	237.2

START PRESS: 0028.7 MAX PRESS: 0028.7 MAX TEMP: 118.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.1 MAX GAS TEMP: 091.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.4 MIN GAS TEMP: 090.8
PRESS CHANGE: 008.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.7

POST N2 WASH(1) (Loop:1/6) 06/11/2015 14:57:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:43	0:00:00	20.5	20.6	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.5	118.4	117.9	119.0	123.5	125.5	119.7	91.2	101.4	115.8	324.0	649.3	237.2
14:44:43	0:02:00	23.1	23.3	29.8	60.2	79.3	118.8	119.6	119.1	117.9	119.7	119.4	119.2	119.3	122.5	125.4	119.6	108.5	99.7	115.8	324.0	649.3	252.3
14:46:43	0:04:00	25.9	26.0	29.8	60.2	78.4	119.3	119.9	119.5	118.4	120.1	119.8	119.6	119.9	124.3	125.3	119.3	113.1	98.3	115.8	323.9	649.3	241.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000096

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/11/2015 15:03:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:37	0:05:55	28.5	28.6	29.8	58.9	76.4	119.4	119.9	119.6	118.6	120.2	119.9	119.9	120.7	127.1	125.2	119.3	113.7	97.1	115.8	323.9	649.3	228.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 125.5 MAX GAS TEMP: 113.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.1 MIN GAS TEMP: 091.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:1/6) 06/11/2015 15:03:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:37	0:00:00	28.5	28.6	29.8	58.9	76.4	119.4	119.9	119.6	118.6	120.2	119.9	119.9	120.7	127.1	125.2	119.3	113.7	97.1	115.8	323.9	649.3	228.1
14:50:37	0:02:00	25.8	25.9	29.8	53.4	71.6	118.1	118.8	118.3	117.3	118.9	118.6	118.4	120.6	128.0	125.0	119.1	109.6	102.4	115.8	323.9	649.3	192.0
14:52:37	0:04:00	23.1	23.2	29.8	49.3	66.7	117.8	118.5	118.0	116.9	118.6	118.3	118.0	119.0	123.4	125.0	121.0	105.9	103.8	117.1	323.9	649.3	167.9

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/11/2015 15:09:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:32	0:05:54	20.5	20.6	29.8	47.0	63.9	117.6	118.3	117.9	116.7	118.3	118.1	117.7	120.3	125.0	124.9	122.3	103.2	105.0	116.2	324.0	649.3	152.8

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.2 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.9 MIN GAS TEMP: 103.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:2/6) 06/11/2015 15:09:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:32	0:00:00	20.5	20.6	29.8	47.0	63.9	117.6	118.3	117.9	116.7	118.3	118.1	117.7	120.3	125.0	124.9	122.3	103.2	105.0	116.2	324.0	649.3	152.8
14:56:32	0:02:00	23.2	23.3	29.8	49.3	64.7	118.9	119.6	119.2	118.1	119.7	119.5	119.3	120.9	127.7	124.7	122.2	112.5	103.0	116.1	323.9	649.3	164.9
14:58:32	0:04:00	25.9	26.0	29.8	50.2	65.2	119.4	119.9	119.6	118.6	120.1	119.8	119.8	120.5	127.7	124.7	122.1	115.7	101.2	116.2	323.9	649.3	161.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/11/2015 15:15:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:26	0:05:55	28.5	28.6	29.8	49.3	63.7	119.6	120.2	119.7	118.9	120.3	120.0	120.1	118.9	122.6	124.6	121.8	116.1	99.7	116.1	324.0	649.3	155.8

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 124.9 MAX GAS TEMP: 116.2
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.6 MIN GAS TEMP: 103.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.8

POST EVACUATION(1) (Loop:2/6) 06/11/2015 15:15:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:26	0:00:00	28.5	28.6	29.8	49.3	63.7	119.6	120.2	119.7	118.9	120.3	120.0	120.1	118.9	122.6	124.6	121.8	116.1	99.7	116.1	324.0	649.3	155.8
15:02:26	0:02:00	25.8	25.9	29.8	45.7	60.9	118.3	118.9	118.5	117.6	119.1	118.7	118.6	120.3	124.5	124.6	121.8	112.2	103.4	116.2	323.9	649.3	131.8
15:04:27	0:04:00	23.1	23.2	29.8	43.0	57.9	117.9	118.6	118.1	117.1	118.6	118.4	118.2	120.9	128.1	124.5	121.6	108.4	105.2	116.2	324.0	649.3	115.2

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/11/2015 15:21:20

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000097

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:19	0:05:53	20.5	20.6	29.8	41.1	55.8	117.7	118.3	117.9	116.9	118.5	118.2	118.0	119.2	121.8	124.3	121.5	105.6	106.2	116.2	324.0	649.3	107.7

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 124.7 MAX GAS TEMP: 116.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.3 MIN GAS TEMP: 105.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.5

POST N2 WASH(1) (Loop:3/6) 06/11/2015 15:21:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:19	0:00:00	20.5	20.6	29.8	41.1	55.8	117.7	118.3	117.9	116.9	118.5	118.2	118.0	119.2	121.8	124.3	121.5	105.6	106.2	116.2	324.0	649.3	107.7
15:08:19	0:02:00	23.2	23.3	29.8	43.8	57.4	119.0	119.7	119.2	118.3	119.9	119.6	119.6	120.5	125.4	124.4	121.4	112.7	104.2	116.2	324.0	649.3	118.2
15:10:19	0:04:00	25.9	26.0	29.8	44.3	57.4	119.5	120.1	119.6	118.8	120.3	120.0	120.1	120.8	128.0	124.2	121.2	115.4	102.3	116.2	323.9	649.3	118.2

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/11/2015 15:27:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:12	0:05:53	28.5	28.6	29.8	44.8	57.6	119.7	120.3	119.8	119.1	120.4	120.1	120.3	119.0	121.9	128.8	121.1	115.7	100.9	116.2	324.0	649.4	113.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 115.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 105.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 121.6
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 121.1

POST EVACUATION(1) (Loop:3/6) 06/11/2015 15:27:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:12	0:00:00	28.5	28.6	29.8	44.8	57.6	119.7	120.3	119.8	119.1	120.4	120.1	120.3	119.0	121.9	128.8	121.1	115.7	100.9	116.2	324.0	649.4	113.7
15:14:12	0:02:00	25.8	25.9	29.8	41.2	54.8	118.4	118.9	118.5	117.7	119.1	118.8	118.8	120.7	125.6	129.1	121.0	112.2	104.2	116.2	323.9	649.3	97.1
15:16:12	0:04:00	23.1	23.2	29.8	38.9	52.2	118.0	118.7	118.2	117.3	118.8	118.5	118.4	120.3	126.7	129.0	120.9	108.7	105.9	116.3	323.9	649.4	86.6

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/11/2015 15:33:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:04	0:05:52	20.5	20.6	29.8	38.0	51.2	117.9	118.6	118.0	117.1	118.6	118.2	118.1	120.3	124.2	129.0	120.9	106.2	106.7	116.2	323.9	649.3	82.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.5 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 129.4 MAX GAS TEMP: 115.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.8 MIN GAS TEMP: 106.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.1
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 120.8

POST N2 WASH(1) (Loop:4/6) 06/11/2015 15:33:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:04	0:00:00	20.5	20.6	29.8	38.0	51.2	117.9	118.6	118.0	117.1	118.6	118.2	118.1	120.3	124.2	129.0	120.9	106.2	106.7	116.2	323.9	649.3	82.1
15:20:04	0:02:00	23.2	23.3	29.8	40.7	53.0	119.2	119.8	119.4	118.5	120.0	119.7	119.8	121.0	128.0	128.9	120.7	112.5	104.9	116.3	323.9	649.3	91.2
15:22:05	0:04:00	25.9	26.0	29.8	41.2	53.1	119.6	120.2	119.7	119.0	120.3	120.0	120.2	119.2	123.7	128.8	120.6	115.1	103.0	116.3	324.0	649.3	92.7

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/11/2015 15:39:00

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000098

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
15:23:58	00:05:54	28.5	28.6	29.8	41.6	53.4	119.8	120.3	119.9	119.2	120.6	120.3	120.5	120.3	124.6	128.8	120.4	115.4	101.5	116.3	323.9	649.3	89.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.1 MAX GAS TEMP: 115.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.8 MIN GAS TEMP: 106.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:4/6) 06/11/2015 15:39:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:23:58	0:00:00	28.5	28.6	29.8	41.6	53.4	119.8	120.3	119.9	119.2	120.6	120.3	120.5	120.3	124.6	128.8	120.4	115.4	101.5	116.3	323.9	649.3	89.6
15:25:58	0:02:00	25.8	25.9	29.8	38.4	51.0	118.5	119.1	118.6	117.8	119.2	118.9	118.9	120.9	127.9	128.7	120.3	112.1	104.8	116.3	323.9	649.3	76.1
15:27:59	0:04:00	23.0	23.1	29.8	36.2	48.4	118.2	118.8	118.3	117.5	118.9	118.6	118.6	119.4	121.7	128.6	120.3	108.9	106.3	116.3	323.9	649.3	70.0

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/11/2015 15:44:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:50	0:05:52	20.5	20.6	29.8	35.2	47.5	117.9	118.6	118.0	117.2	118.7	118.4	118.3	121.1	128.1	128.5	120.2	106.4	107.1	116.3	324.0	649.3	67.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 115.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.2 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 128.5 MIN GAS TEMP: 106.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 120.2

POST N2 WASH(1) (Loop:5/6) 06/11/2015 15:44:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:50	0:00:00	20.5	20.6	29.8	35.2	47.5	117.9	118.6	118.0	117.2	118.7	118.4	118.3	121.1	128.1	128.5	120.2	106.4	107.1	116.3	324.0	649.3	67.1
15:31:50	0:02:00	23.2	23.3	29.8	38.4	50.0	119.3	119.8	119.4	118.6	120.0	119.8	119.9	119.0	122.7	128.5	120.1	112.2	105.2	116.3	323.9	649.4	74.6
15:33:51	0:04:00	25.9	26.0	29.8	38.9	49.9	119.8	120.3	119.8	119.2	120.4	120.1	120.4	120.3	124.1	128.3	119.8	114.6	103.3	116.3	324.0	649.3	76.1

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/11/2015 15:50:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:50	0:05:58	28.5	28.6	29.8	39.3	50.3	120.0	120.4	120.0	119.4	120.6	120.3	120.6	121.1	128.0	128.3	119.7	114.9	101.8	116.3	324.0	649.4	74.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 128.6 MAX GAS TEMP: 114.9
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 128.3 MIN GAS TEMP: 106.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.7

POST EVACUATION(1) (Loop:5/6) 06/11/2015 15:50:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:50	0:00:00	28.5	28.6	29.8	39.3	50.3	120.0	120.4	120.0	119.4	120.6	120.3	120.6	121.1	128.0	128.3	119.7	114.9	101.8	116.3	324.0	649.4	74.6
15:37:50	0:02:00	25.8	25.9	29.8	36.1	47.8	118.6	119.2	118.7	118.0	119.3	119.0	119.0	119.0	121.8	128.2	119.6	111.6	104.8	116.3	323.9	649.3	62.5
15:39:50	0:04:00	23.0	23.2	29.8	34.8	46.6	118.2	118.8	118.3	117.6	118.9	118.6	118.6	120.7	125.7	128.2	119.6	108.6	106.3	116.3	323.9	649.4	56.5

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/11/2015 15:56:43

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000099

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:41:42	0:05:52	20.5	20.6	29.8	33.9	45.7	117.9	118.6	118.1	117.2	118.7	118.4	118.3	119.4	123.9	128.0	119.5	106.2	106.9	116.3	323.9	649.4	55.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 128.3 MAX GAS TEMP: 114.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.4 MIN PRE TEMP: 128.0 MIN GAS TEMP: 106.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.5

POST N2 WASH(1) (Loop:6/6) 06/11/2015 15:56:43

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:41:42	0:00:00	20.5	20.6	29.8	33.9	45.7	117.9	118.6	118.1	117.2	118.7	118.4	118.3	119.4	123.9	128.0	119.5	106.2	106.9	116.3	323.9	649.4	55.0
15:43:42	0:02:00	23.2	23.3	29.8	36.1	47.0	119.3	119.8	119.4	118.7	120.1	119.8	120.0	120.0	123.4	127.9	119.3	111.6	105.1	116.2	323.9	649.4	62.5
15:45:42	0:04:00	25.9	26.0	29.8	37.1	47.6	119.8	120.3	119.9	119.2	120.5	120.2	120.5	121.1	127.7	127.7	119.2	114.0	103.2	116.2	324.0	649.3	64.1

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/11/2015 16:02:37

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:47:35	0:05:35	28.5	28.6	29.8	37.1	47.4	120.0	120.4	120.0	119.4	120.6	120.4	120.7	119.2	123.1	127.5	119.1	114.3	101.7	116.2	324.0	649.4	62.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.4 MAX PRE TEMP: 128.1 MAX GAS TEMP: 114.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 127.5 MIN GAS TEMP: 105.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:6/6) 06/11/2015 16:02:37

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:47:36	0:00:00	28.5	28.6	29.8	37.1	47.4	120.0	120.4	120.0	119.4	120.6	120.4	120.7	119.2	123.1	127.5	119.1	114.3	101.7	116.2	324.0	649.4	62.5
15:49:36	0:02:00	25.8	25.9	29.8	34.8	46.0	118.6	119.2	118.7	118.1	119.3	119.0	119.1	120.6	125.3	127.5	122.4	111.4	104.7	116.6	324.0	649.4	53.5
15:51:36	0:04:00	23.1	23.2	29.8	33.4	44.7	118.2	118.8	118.3	117.6	118.9	118.6	118.6	120.5	127.1	127.5	122.4	108.4	106.1	116.6	323.9	649.4	49.0

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/11/2015 16:08:31

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:53:29	0:05:51	20.5	20.6	29.8	32.5	43.7	118.1	118.7	118.2	117.4	118.7	118.4	118.4	120.0	123.5	127.4	122.3	106.0	106.9	116.6	323.9	649.3	46.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 127.5 MAX GAS TEMP: 114.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.4 MIN GAS TEMP: 106.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:1/12) 06/11/2015 16:08:31

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:53:29	0:00:00	20.5	20.6	29.8	32.5	43.7	118.1	118.7	118.2	117.4	118.7	118.4	118.4	120.0	123.5	127.4	122.3	106.0	106.9	116.6	323.9	649.3	46.0
15:55:29	0:02:00	23.3	23.4	29.8	34.8	45.3	119.2	119.9	119.6	118.2	120.1	119.9	119.3	121.1	128.1	127.2	122.2	104.0	105.0	116.6	324.0	649.3	53.5
15:57:29	0:04:00	25.9	26.0	29.8	35.7	46.1	119.6	120.3	120.0	118.4	120.4	120.3	119.6	119.2	123.7	127.1	122.1	102.4	103.0	116.5	323.9	649.3	55.0
15:59:29	0:06:00	28.7	28.9	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.9	123.1	127.0	122.0	101.0	101.5	116.6	323.9	649.4	53.5

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/11/2015 16:14:41

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000100

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:59:40	0:06:11	29.0	29.1	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.2	121.3	127.0	122.0	100.9	101.4	116.6	323.9	649.3	53.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.4 MAX GAS TEMP: 106.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 126.9 MIN GAS TEMP: 100.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 122.0

POST EVACUATION(2) (Loop:1/12) 06/11/2015 16:14:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:40	0:00:00	29.0	29.1	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.2	121.3	127.0	122.0	100.9	101.4	116.6	323.9	649.3	53.5
16:01:40	0:02:00	26.2	26.3	29.8	34.3	45.5	118.6	119.3	118.8	117.8	119.4	119.1	118.9	121.1	126.9	126.9	121.9	99.8	104.6	116.6	323.9	649.3	46.0
16:03:40	0:04:00	23.5	23.6	29.8	33.0	44.1	118.2	118.8	118.4	117.5	119.0	118.7	118.6	119.4	124.1	126.8	121.8	98.9	106.0	116.6	324.0	649.3	41.5
16:05:40	0:06:00	20.8	20.9	29.8	32.5	43.8	118.0	118.6	118.2	117.2	118.8	118.5	118.3	120.3	124.6	126.7	121.7	98.2	106.9	116.6	323.9	649.3	40.0

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/11/2015 16:20:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:52	0:06:12	20.5	20.6	29.8	32.1	43.2	117.9	118.6	118.1	117.2	118.7	118.5	118.3	119.6	122.4	126.6	121.7	98.1	106.9	116.5	323.9	649.3	40.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.0 MAX GAS TEMP: 100.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.6 MIN GAS TEMP: 098.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.7

AIR BACKFILL(1) (Loop:2/12) 06/11/2015 16:20:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:52	0:00:00	20.5	20.6	29.8	32.1	43.2	117.9	118.6	118.1	117.2	118.7	118.5	118.3	119.6	122.4	126.6	121.7	98.1	106.9	116.5	323.9	649.3	40.0
16:07:52	0:02:00	23.3	23.4	29.8	34.3	44.8	119.2	119.9	119.6	118.0	120.1	120.0	119.2	121.1	127.5	126.6	121.7	97.6	105.1	116.5	323.9	649.4	46.0
16:09:52	0:04:00	26.0	26.1	29.8	35.2	45.6	119.5	120.3	120.0	118.3	120.5	120.4	119.5	119.8	125.5	126.6	121.5	97.0	103.0	116.5	324.0	649.3	47.5
16:11:52	0:06:00	28.7	28.8	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.6	122.1	126.4	121.4	96.5	101.5	116.5	323.9	649.3	46.0

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/11/2015 16:27:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:04	0:06:12	29.0	29.1	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.0	122.4	126.4	121.4	96.5	101.4	116.5	323.9	649.4	46.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.7 MAX GAS TEMP: 098.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.2 DRM1 END: 323.9 DRM2 END: 649.4 MIN PRE TEMP: 126.4 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 121.7
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 121.4

POST EVACUATION(2) (Loop:2/12) 06/11/2015 16:27:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:04	0:00:00	29.0	29.1	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.0	122.4	126.4	121.4	96.5	101.4	116.5	323.9	649.4	46.0
16:14:04	0:02:00	26.3	26.4	29.8	33.4	44.3	118.6	119.3	118.8	117.8	119.4	119.1	118.9	120.8	125.6	126.3	121.4	96.2	104.6	116.5	323.9	649.3	40.0
16:16:04	0:04:00	23.5	23.6	29.8	32.5	43.4	118.3	118.8	118.5	117.5	119.0	118.8	118.6	120.1	126.3	126.2	121.3	95.9	106.1	116.5	323.9	649.3	37.0
16:18:05	0:06:00	20.8	20.9	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.5	118.3	120.0	123.2	126.2	121.2	95.6	107.0	116.5	323.9	649.3	35.4

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/11/2015 16:33:20

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000101

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:19	0:06:12	20.5	20.6	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.2	121.4	126.2	121.2	95.5	107.0	116.5	323.9	649.3	35.5

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.4 MAX PRE TEMP: 126.5 MAX GAS TEMP: 096.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.1 MIN GAS TEMP: 095.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:3/12) 06/11/2015 16:33:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:19	0:00:00	20.5	20.6	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.2	121.4	126.2	121.2	95.5	107.0	116.5	323.9	649.3	35.5
16:20:19	0:02:00	23.3	23.4	29.8	33.4	43.5	119.3	120.1	119.8	118.1	120.2	120.0	119.3	120.6	125.4	126.1	121.1	95.3	105.2	116.5	323.9	649.3	40.0
16:22:19	0:04:00	26.0	26.1	29.8	34.3	44.3	119.6	120.3	120.1	118.3	120.6	120.5	119.6	120.7	127.8	126.1	121.0	95.0	103.2	116.5	323.9	649.3	41.5
16:24:19	0:06:00	28.7	28.8	29.8	35.3	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.0	121.3	125.9	121.0	94.8	101.7	116.5	323.9	649.3	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/11/2015 16:39:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:30	0:06:11	29.0	29.1	29.8	35.2	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.6	124.4	125.9	121.0	94.8	101.5	116.5	324.0	649.3	39.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.2 MAX GAS TEMP: 095.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.9 MIN GAS TEMP: 094.8
PRESS CHANGE: 009.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.9

POST EVACUATION(2) (Loop:3/12) 06/11/2015 16:39:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:30	0:00:00	29.0	29.1	29.8	35.2	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.6	124.4	125.9	121.0	94.8	101.5	116.5	324.0	649.3	39.9
16:26:30	0:02:00	26.3	26.4	29.8	33.0	43.7	118.6	119.3	118.8	117.8	119.4	119.1	118.9	120.3	124.2	125.8	120.8	94.6	104.6	116.4	323.9	649.4	35.5
16:28:30	0:04:00	23.5	23.6	29.8	31.6	42.3	118.2	118.8	118.4	117.4	119.0	118.8	118.6	120.8	127.7	125.7	120.8	94.5	106.1	116.4	324.0	649.3	32.4
16:30:30	0:06:00	20.8	20.9	29.8	31.1	41.8	118.1	118.8	118.3	117.3	118.8	118.6	118.4	119.6	122.3	125.7	120.7	94.3	106.9	116.5	324.0	649.3	30.9

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/11/2015 16:45:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:42	0:06:12	20.5	20.6	29.8	31.1	41.8	118.0	118.7	118.3	117.2	118.8	118.5	118.4	119.2	121.7	125.6	120.7	94.3	107.0	116.5	323.9	649.3	30.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 126.0 MAX GAS TEMP: 094.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.6 MIN GAS TEMP: 094.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.7

AIR BACKFILL(1) (Loop:4/12) 06/11/2015 16:45:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:42	0:00:00	20.5	20.6	29.8	31.1	41.8	118.0	118.7	118.3	117.2	118.8	118.5	118.4	119.2	121.7	125.6	120.7	94.3	107.0	116.5	323.9	649.3	30.9
16:32:42	0:02:00	23.3	23.4	29.8	33.0	42.9	119.3	120.1	119.7	118.1	120.1	120.0	119.2	120.6	125.2	125.5	120.6	94.2	105.1	116.4	323.9	649.3	35.5
16:34:43	0:04:00	26.0	26.1	29.8	33.9	43.8	119.5	120.3	120.0	118.3	120.6	120.4	119.5	120.7	127.9	125.4	120.5	94.0	103.2	116.4	323.9	649.3	36.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000102

16:36:43	0:06:00	28.6	28.8	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	118.9	122.1	125.3	120.4	93.8	101.6	116.3	323.9	649.3	35.4

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/11/2015 16:51:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:56	0:06:15	29.0	29.1	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	119.9	126.0	125.2	120.5	93.8	101.4	116.3	324.0	649.3	35.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.7 MAX GAS TEMP: 094.3
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.2 MIN GAS TEMP: 093.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.4

POST EVACUATION(2) (Loop:4/12) 06/11/2015 16:51:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:56	0:00:00	29.0	29.1	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	119.9	126.0	125.2	120.5	93.8	101.4	116.3	324.0	649.3	35.5
16:38:56	0:02:00	26.3	26.4	29.8	32.5	43.0	118.6	119.3	118.9	117.8	119.4	119.2	118.9	119.8	122.9	125.3	120.3	93.7	104.6	116.3	323.9	649.3	31.0
16:40:56	0:04:00	23.5	23.6	29.8	31.6	42.2	118.3	118.8	118.5	117.5	119.0	118.8	118.6	121.1	128.1	125.1	120.2	93.6	106.0	116.3	323.9	649.3	27.9
16:42:56	0:06:00	20.8	20.9	29.8	30.3	40.6	118.1	118.7	118.3	117.3	118.8	118.7	118.3	119.2	121.8	125.1	120.2	93.5	106.8	116.3	323.9	649.3	28.0

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/11/2015 16:58:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:10	0:06:12	20.5	20.6	29.8	30.2	40.6	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.8	125.8	125.1	120.1	93.4	106.8	116.3	323.9	649.3	28.0

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.8 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 125.3 MAX GAS TEMP: 093.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.1 MIN GAS TEMP: 093.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:5/12) 06/11/2015 16:58:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:10	0:00:00	20.5	20.6	29.8	30.2	40.6	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.8	125.8	125.1	120.1	93.4	106.8	116.3	323.9	649.3	28.0
16:45:10	0:02:00	23.3	23.4	29.8	32.5	42.3	119.3	120.1	119.8	118.1	120.2	120.0	119.2	119.4	121.9	124.9	120.1	93.3	105.0	116.2	323.9	649.3	30.9
16:47:10	0:04:00	26.0	26.1	29.8	33.4	43.1	119.7	120.4	120.2	118.4	120.6	120.5	119.6	121.0	126.6	124.8	120.1	93.3	102.9	116.2	323.9	649.3	32.5
16:49:11	0:06:00	28.6	28.8	29.8	33.9	43.5	119.8	120.6	120.3	118.5	120.7	120.6	119.6	120.3	127.0	124.7	119.8	93.1	101.4	116.2	323.9	649.3	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/11/2015 17:04:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:23	0:06:12	29.0	29.1	29.8	34.3	44.0	119.8	120.6	120.4	118.5	120.8	120.6	119.6	121.1	128.0	124.7	119.8	93.2	101.2	116.1	323.9	649.3	30.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.1 MAX GAS TEMP: 093.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.7 MIN GAS TEMP: 093.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:5/12) 06/11/2015 17:04:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:23	0:00:00	29.0	29.1	29.8	34.3	44.0	119.8	120.6	120.4	118.5	120.8	120.6	119.6	121.1	128.0	124.7	119.8	93.2	101.2	116.1	323.9	649.3	30.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000103

16:51:23	0:02:00	26.3	26.4	29.8	32.0	42.4	118.6	119.3	118.9	117.8	119.4	119.1	118.8	119.2	122.5	124.6	119.8	93.1	104.4	116.2	323.9	649.3	27.9
16:53:23	0:04:00	23.5	23.6	29.8	30.7	40.9	118.3	118.9	118.6	117.5	119.1	118.9	118.6	120.5	125.2	124.6	119.8	92.9	105.8	116.1	324.0	649.3	25.0
16:55:23	0:06:00	20.8	20.9	29.8	29.8	40.0	118.0	118.7	118.3	117.2	118.8	118.6	118.3	120.3	126.6	124.5	119.7	92.9	106.6	116.1	323.9	649.3	23.4

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/11/2015 17:10:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:37	0:06:14	20.5	20.6	29.8	29.8	40.0	118.1	118.7	118.3	117.3	118.8	118.6	118.3	121.1	128.1	124.4	119.6	92.8	106.6	116.1	323.9	649.3	23.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 124.7 MAX GAS TEMP: 093.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.4 MIN GAS TEMP: 092.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.6

AIR BACKFILL(1) (Loop:6/12) 06/11/2015 17:10:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:37	0:00:00	20.5	20.6	29.8	29.8	40.0	118.1	118.7	118.3	117.3	118.8	118.6	118.3	121.1	128.1	124.4	119.6	92.8	106.6	116.1	323.9	649.3	23.4
16:57:37	0:02:00	23.2	23.4	29.8	32.0	41.7	119.2	120.1	119.7	118.0	120.2	120.1	119.3	119.2	123.6	124.3	119.6	92.7	104.7	116.0	323.9	649.3	27.9
16:59:37	0:04:00	25.9	26.0	29.8	33.0	42.5	119.7	120.4	120.2	118.4	120.6	120.5	119.5	119.9	123.4	124.2	119.5	92.7	102.7	116.0	323.9	649.3	27.9
17:01:37	0:06:00	28.7	28.8	29.8	33.4	42.9	119.8	120.6	120.3	118.5	120.8	120.7	119.7	121.1	127.7	124.1	119.5	92.7	101.1	115.9	324.0	649.3	28.0

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/11/2015 17:16:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:53	0:06:16	29.0	29.1	29.8	33.4	42.8	119.9	120.6	120.4	118.6	120.9	120.7	119.7	120.3	124.4	124.2	119.3	92.6	100.9	115.9	323.9	649.3	28.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 124.5 MAX GAS TEMP: 092.8
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.1 MIN GAS TEMP: 092.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:6/12) 06/11/2015 17:16:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:53	0:00:00	29.0	29.1	29.8	33.4	42.8	119.9	120.6	120.4	118.6	120.9	120.7	119.7	120.3	124.4	124.2	119.3	92.6	100.9	115.9	323.9	649.3	28.0
17:03:53	0:02:00	26.2	26.3	29.8	31.6	41.8	118.6	119.3	118.9	117.8	119.4	119.2	118.9	120.8	127.9	129.2	119.3	92.5	104.2	116.0	323.9	649.3	23.4
17:05:53	0:04:00	23.5	23.6	29.8	30.3	40.3	118.4	118.9	118.6	117.6	119.1	118.9	118.6	119.3	121.6	128.9	119.2	92.4	105.8	115.9	323.9	649.3	21.9
17:07:53	0:06:00	20.8	20.9	29.8	29.3	39.3	118.1	118.8	118.4	117.3	118.9	118.7	118.4	121.0	127.1	128.9	119.2	92.4	106.5	115.8	323.9	649.3	21.9

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/11/2015 17:23:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:09:06	0:06:13	20.5	20.6	29.8	29.3	39.4	118.0	118.7	118.3	117.2	118.8	118.7	118.4	120.3	124.6	128.9	119.2	92.4	106.6	115.9	323.9	649.3	21.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.2 MAX GAS TEMP: 092.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 092.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:7/12) 06/11/2015 17:23:07

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000104

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
17:08:06	0:00:00	20.5	20.6	29.8	29.3	39.4	118.0	118.7	118.3	117.2	118.8	118.7	118.4	120.3	124.6	128.9	119.2	92.4	106.6	115.9	323.9	649.3	21.9
17:10:06	0:02:00	23.3	23.4	29.8	31.6	41.1	119.3	120.1	119.8	118.1	120.3	120.2	119.3	120.9	128.0	128.9	119.1	92.3	104.7	115.9	323.9	649.3	23.4
17:12:06	0:04:00	25.9	26.0	29.8	32.5	41.9	119.7	120.4	120.2	118.4	120.7	120.6	119.6	118.9	122.6	128.8	119.0	92.2	102.5	115.8	323.9	649.3	24.9
17:14:06	0:06:00	28.7	28.8	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.1	124.0	128.8	119.0	92.2	101.0	115.8	323.9	649.3	25.0

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/11/2015 17:29:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:14:21	0:06:15	29.0	29.1	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	121.3	128.8	118.8	92.1	100.8	115.8	323.9	649.3	24.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.1 MAX GAS TEMP: 092.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.7 MIN GAS TEMP: 092.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:7/12) 06/11/2015 17:29:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:14:21	0:00:00	29.0	29.1	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	121.3	128.8	118.8	92.1	100.8	115.8	323.9	649.3	24.9
17:16:21	0:02:00	26.3	26.4	29.8	30.7	40.5	118.7	119.4	119.0	117.9	119.5	119.3	119.0	120.9	126.6	128.6	122.3	92.0	103.9	116.1	323.9	649.3	22.0
17:18:22	0:04:00	23.5	23.6	29.8	29.8	39.6	118.4	119.1	118.7	117.6	119.1	119.0	118.7	119.8	125.2	128.6	122.3	92.0	105.6	116.2	323.9	649.3	18.9
17:20:22	0:06:00	20.8	20.9	29.8	29.3	39.3	118.2	118.8	118.4	117.4	118.9	118.8	118.5	120.1	123.7	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/11/2015 17:35:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:20:36	0:06:14	20.5	20.6	29.8	29.3	39.4	118.1	118.7	118.3	117.3	118.9	118.7	118.4	119.3	121.4	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 092.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.5 MIN GAS TEMP: 091.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:8/12) 06/11/2015 17:35:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:20:36	0:00:00	20.5	20.6	29.8	29.3	39.4	118.1	118.7	118.3	117.3	118.9	118.7	118.4	119.3	121.4	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9
17:22:36	0:02:00	23.3	23.4	29.8	31.2	40.4	119.4	120.2	119.9	118.2	120.4	120.3	119.3	120.7	125.9	128.5	122.1	91.9	104.4	116.2	323.9	649.3	21.9
17:24:36	0:04:00	25.9	26.0	29.8	32.1	41.2	119.8	120.6	120.3	118.5	120.7	120.6	119.6	120.5	127.5	128.4	122.0	91.8	102.4	116.1	323.9	649.3	21.9
17:26:36	0:06:00	28.7	28.9	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	118.9	121.9	128.2	122.0	91.8	100.7	116.1	323.9	649.3	21.9

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/11/2015 17:41:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:46	0:06:11	29.0	29.1	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	119.6	124.9	128.2	121.9	91.8	100.6	116.1	323.9	649.3	21.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.6 MAX GAS TEMP: 092.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.2 MIN GAS TEMP: 091.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.9

POST EVACUATION(2) (Loop:8/12) 06/11/2015 17:41:48

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000105

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:46	0:00:00	29.0	29.1	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	119.6	124.9	128.2	121.9	91.8	100.6	116.1	323.9	649.3	21.9
17:28:46	0:02:00	26.2	26.4	29.8	30.3	39.8	118.8	119.4	119.0	118.0	119.5	119.3	119.0	120.3	124.0	128.1	121.8	91.7	103.8	116.1	323.9	649.3	18.9
17:30:46	0:04:00	23.5	23.6	29.8	29.3	39.0	118.5	119.1	118.7	117.7	119.2	119.0	118.7	120.9	128.0	128.0	121.8	91.7	105.4	116.0	323.9	649.3	17.4
17:32:46	0:06:00	20.8	20.9	29.8	28.4	38.1	118.2	118.8	118.4	117.4	118.9	118.7	118.4	119.2	121.4	127.8	121.7	91.6	106.2	116.0	323.9	649.3	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/11/2015 17:48:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:01	0:06:14	20.5	20.6	29.8	28.4	38.1	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.6	124.7	127.8	121.7	91.6	106.3	116.0	323.9	649.3	15.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.3 MAX GAS TEMP: 091.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.8 MIN GAS TEMP: 091.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.6

AIR BACKFILL(1) (Loop:9/12) 06/11/2015 17:48:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:01	0:00:00	20.5	20.6	29.8	28.4	38.1	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.6	124.7	127.8	121.7	91.6	106.3	116.0	323.9	649.3	15.9
17:35:01	0:02:00	23.3	23.4	29.8	30.2	39.2	119.4	120.2	120.0	118.2	120.3	120.3	119.3	119.6	122.3	127.7	121.6	91.5	104.2	115.9	323.9	649.3	18.9
17:37:01	0:04:00	26.0	26.1	29.8	31.6	40.7	119.7	120.6	120.3	118.4	120.7	120.7	119.6	120.9	126.8	127.7	121.5	91.5	102.1	115.9	323.9	649.3	20.5
17:39:01	0:06:00	28.6	28.8	29.8	32.1	41.0	119.9	120.6	120.4	118.6	120.9	120.8	119.7	120.3	126.9	127.5	121.4	91.4	100.4	115.9	323.9	649.3	20.4

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/11/2015 17:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:39:14	0:06:13	29.0	29.1	29.8	32.1	41.0	119.9	120.8	120.4	118.6	120.9	120.9	119.8	121.1	128.0	127.6	121.4	91.4	100.3	115.9	323.9	649.3	20.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.9 MAX GAS TEMP: 091.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.5 MIN GAS TEMP: 091.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.3

POST EVACUATION(2) (Loop:9/12) 06/11/2015 17:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:39:14	0:00:00	29.0	29.1	29.8	32.1	41.0	119.9	120.8	120.4	118.6	120.9	120.9	119.8	121.1	128.0	127.6	121.4	91.4	100.3	115.9	323.9	649.3	20.4
17:41:14	0:02:00	26.2	26.4	29.8	30.2	39.8	118.8	119.4	119.1	118.0	119.5	119.3	119.0	119.2	122.9	127.4	121.3	91.4	103.5	115.9	323.9	649.3	15.9
17:43:14	0:04:00	23.5	23.6	29.8	29.3	39.1	118.3	118.9	118.6	117.5	119.1	119.0	118.6	120.5	125.2	127.4	121.2	91.2	105.2	115.8	323.9	649.3	14.4
17:45:14	0:06:00	20.8	20.9	29.8	28.4	38.2	118.1	118.7	118.4	117.3	118.9	118.7	118.4	120.4	127.2	127.3	121.0	91.1	106.1	115.9	323.9	649.3	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/11/2015 18:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:45:28	0:06:14	20.5	20.6	29.8	28.4	38.1	118.1	118.7	118.4	117.3	118.8	118.7	118.4	121.1	127.9	127.2	121.0	91.1	106.1	115.8	323.9	649.3	14.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.6 MAX GAS TEMP: 091.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.2 MIN GAS TEMP: 091.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000106

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

AIR BACKFILL(1) (Loop:10/12) 06/11/2015 18:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:45:28	0:00:00	20.5	20.6	29.8	28.4	38.1	118.1	118.7	118.4	117.3	118.8	118.7	118.4	121.1	127.9	127.2	121.0	91.1	106.1	115.8	323.9	649.3	14.4
17:47:28	0:02:00	23.2	23.4	29.8	30.3	39.3	119.4	120.2	119.9	118.1	120.3	120.3	119.3	119.6	124.6	127.2	121.0	91.2	104.1	115.8	323.9	649.3	17.4
17:49:28	0:04:00	25.9	26.0	29.8	31.2	40.1	119.7	120.4	120.2	118.4	120.7	120.6	119.6	119.6	122.5	127.0	120.9	91.0	101.9	115.7	323.9	649.3	17.4
17:51:28	0:06:00	28.7	28.9	29.8	31.6	40.5	119.8	120.6	120.4	118.5	120.9	120.7	119.7	121.0	127.0	127.0	120.8	91.0	100.2	115.7	323.9	649.3	17.4

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/11/2015 18:06:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:51:43	0:06:15	29.0	29.1	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.0	123.8	127.0	120.8	91.0	100.1	115.7	323.9	649.3	17.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.4 MAX GAS TEMP: 091.2
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.9 MIN GAS TEMP: 090.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.8

POST EVACUATION(2) (Loop:10/12) 06/11/2015 18:06:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:51:43	0:00:00	29.0	29.1	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.0	123.8	127.0	120.8	91.0	100.1	115.7	323.9	649.3	17.4
17:53:43	0:02:00	26.3	26.4	29.8	29.8	39.3	118.7	119.4	119.0	117.9	119.5	119.3	119.0	121.1	128.1	127.0	120.8	90.9	103.4	115.6	323.9	649.3	14.4
17:55:43	0:04:00	23.5	23.7	29.8	28.9	38.4	118.4	119.1	118.7	117.6	119.2	119.0	118.7	119.2	122.1	126.8	120.7	90.9	105.2	115.6	323.9	649.3	14.4
17:57:43	0:06:00	20.8	20.9	29.8	28.0	37.5	118.2	118.8	118.5	117.3	118.9	118.8	118.5	120.6	125.3	126.7	120.5	90.8	106.0	115.6	323.9	649.3	12.8

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/11/2015 18:12:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:55	0:06:11	20.5	20.6	29.8	28.0	37.5	118.1	118.8	118.4	117.3	118.9	118.7	118.4	119.9	123.1	126.7	120.6	90.8	106.1	115.6	323.9	649.3	12.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.1 MAX GAS TEMP: 091.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.6 MIN GAS TEMP: 090.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.5

AIR BACKFILL(1) (Loop:11/12) 06/11/2015 18:12:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:55	0:00:00	20.5	20.6	29.8	28.0	37.5	118.1	118.8	118.4	117.3	118.9	118.7	118.4	119.9	123.1	126.7	120.6	90.8	106.1	115.6	323.9	649.3	12.9
17:59:55	0:02:00	23.2	23.4	29.8	29.8	38.7	119.4	120.2	119.9	118.1	120.3	120.2	119.3	121.0	127.5	126.6	120.5	90.8	103.9	115.5	323.9	649.3	14.4
18:01:55	0:04:00	25.9	26.0	29.8	30.8	39.7	119.7	120.6	120.3	118.3	120.7	120.6	119.5	119.8	125.5	126.7	120.4	90.7	101.8	115.5	323.9	649.3	16.0
18:03:55	0:06:00	28.6	28.8	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.3	121.8	126.5	120.3	90.7	100.2	115.5	323.9	649.3	15.9

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/11/2015 18:19:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:04:08	0:06:14	29.0	29.1	29.8	31.6	40.5	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	123.6	126.5	120.3	90.7	100.0	115.5	323.9	649.3	15.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.8 MAX GAS TEMP: 090.9
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.5 MIN GAS TEMP: 090.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000107

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

PRESS CHANGE: 008.5
ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:11/12) 06/11/2015 18:19:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:04:08	0:00:00	29.0	29.1	29.8	31.6	40.5	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	123.6	126.5	120.3	90.7	100.0	115.5	323.9	649.3	15.9
18:05:09	0:02:00	26.3	26.4	29.8	29.4	38.7	118.8	119.4	119.1	117.9	119.4	119.3	118.9	120.3	124.4	126.3	120.2	90.6	103.4	115.4	323.9	649.3	12.9
18:03:09	0:04:00	23.5	23.6	29.8	28.4	37.9	118.3	118.9	118.6	117.5	119.1	119.0	118.7	120.8	128.0	126.3	120.1	90.6	105.1	115.4	323.9	649.3	11.4
18:10:09	0:06:00	20.8	20.9	29.8	27.5	36.8	118.2	118.8	118.5	117.4	118.9	118.8	118.4	119.2	121.3	126.2	120.1	90.6	106.0	115.4	323.9	649.3	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/11/2015 18:25:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:10:22	0:06:13	20.5	20.6	29.8	27.5	36.9	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.3	124.2	126.3	120.0	90.5	106.1	115.4	323.9	649.3	11.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.5 MAX GAS TEMP: 090.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.2 MIN GAS TEMP: 090.5
PRESS CHANGE: 008.5
ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.0

AIR BACKFILL(1) (Loop:12/12) 06/11/2015 18:25:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:10:22	0:00:00	20.5	20.6	29.8	27.5	36.9	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.3	124.2	126.3	120.0	90.5	106.1	115.4	323.9	649.3	11.4
18:12:22	0:02:00	23.3	23.5	29.8	29.3	38.0	119.4	120.2	120.0	118.1	120.4	120.2	119.3	119.6	122.6	126.2	119.8	90.5	104.1	115.4	323.9	649.3	14.4
18:14:22	0:04:00	26.0	26.1	29.9	30.3	39.0	119.7	120.4	120.2	118.4	120.7	120.6	119.6	120.9	126.7	126.0	119.8	90.5	101.9	115.3	323.9	649.3	14.4
18:16:22	0:06:00	28.6	28.8	29.8	31.2	39.8	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.3	127.1	125.8	119.8	90.5	100.1	115.2	323.9	649.3	14.4

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/11/2015 18:31:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:35	0:06:13	29.0	29.1	29.9	31.1	39.8	120.0	120.8	120.6	118.6	120.9	120.9	119.7	121.1	127.9	125.8	119.8	90.5	99.9	115.3	323.9	649.3	14.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 121.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.3 MAX GAS TEMP: 090.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.8 MIN GAS TEMP: 090.5
PRESS CHANGE: 008.5
ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:12/12) 06/11/2015 18:31:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:35	0:00:00	29.0	29.1	29.9	31.1	39.8	120.0	120.8	120.6	118.6	120.9	120.9	119.7	121.1	127.9	125.8	119.8	90.5	99.9	115.3	323.9	649.3	14.4
18:18:35	0:02:00	26.3	26.4	29.9	29.3	38.7	118.7	119.4	119.1	117.8	119.5	119.3	119.0	119.3	124.0	125.7	119.6	90.5	103.4	115.2	323.9	649.3	11.4
18:20:35	0:04:00	23.5	23.7	29.9	28.4	37.8	118.4	119.1	118.7	117.6	119.2	119.0	118.7	120.3	124.4	125.7	119.6	90.5	105.0	115.2	323.9	649.3	11.4
18:22:35	0:06:00	20.8	21.0	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.7	118.4	120.9	128.0	125.5	119.5	90.4	105.9	115.2	323.9	649.3	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/11/2015 18:37:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:47	0:06:12	20.5	20.6	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.8	118.4	121.1	127.2	125.5	119.5	90.4	106.0	115.2	323.9	649.3	9.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000108

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.9 MAX GAS TEMP: 090.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.5 MIN GAS TEMP: 090.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.5

AIR BACKFILL(2) 06/11/2015 18:37:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:47	0:00:00	20.5	20.6	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.8	118.4	121.1	127.2	125.5	119.5	90.4	106.0	115.2	323.9	649.3	9.9
18:23:47	0:01:00	21.8	22.0	29.9	28.5	37.4	118.9	119.7	119.4	117.8	119.9	119.8	118.9	120.7	127.8	125.4	119.5	90.4	105.1	115.1	323.9	649.3	11.4
18:24:47	0:02:00	23.2	23.3	29.9	29.4	38.1	119.4	120.2	119.9	118.1	120.3	120.2	119.3	119.8	125.8	125.3	119.3	90.4	103.8	115.1	323.9	649.3	12.9
18:25:47	0:03:00	24.5	24.7	29.9	29.8	38.4	119.6	120.4	120.2	118.3	120.6	120.5	119.5	119.0	122.9	125.4	119.3	90.4	102.7	115.1	323.9	649.3	11.4
18:26:47	0:04:00	25.9	26.0	29.9	30.2	38.9	119.7	120.6	120.3	118.4	120.7	120.7	119.6	119.2	121.6	125.3	119.3	90.3	101.7	115.1	323.9	649.3	12.9
18:27:48	0:05:01	27.4	27.5	29.9	30.7	39.4	119.8	120.6	120.4	118.4	120.8	120.7	119.7	119.8	123.2	125.3	119.3	90.3	100.8	115.1	323.9	649.3	12.9
18:28:48	0:06:01	28.6	28.8	29.9	31.1	39.8	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.6	125.4	125.2	119.3	90.4	100.0	115.1	323.9	649.3	11.3

AIR BACKFILL(2) SUMMARY 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:06:18	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.5 MAX GAS TEMP: 090.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.2 MIN GAS TEMP: 090.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

END OF CYCLE 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:00:00	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4

DRUM 1 EMPTY ALARM RESET 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:00:00	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4
18:30:00	0:01:00	29.0	29.2	29.9	30.7	39.4	119.8	120.4	120.1	118.8	120.6	120.4	119.9	120.4	125.0	125.3	119.2	90.3	99.1	115.1	323.9	649.3	11.4
18:31:00	0:02:00	29.0	29.2	29.9	30.3	38.9	119.7	120.3	120.0	118.9	120.4	120.3	120.0	121.0	127.2	125.1	119.2	90.3	98.3	115.1	323.9	649.3	11.4
18:32:00	0:03:00	29.1	29.2	29.9	30.7	39.7	119.6	120.2	119.8	118.8	120.3	120.1	120.0	120.9	128.1	125.1	119.2	90.3	97.6	115.0	323.9	649.3	11.4
18:33:01	0:04:00	29.1	29.2	29.9	31.2	40.2	119.6	120.2	119.8	119.0	120.3	120.1	120.1	120.0	126.6	125.0	119.0	90.3	97.1	115.0	323.9	649.3	11.4
18:34:01	0:05:00	29.1	29.2	29.9	31.6	40.8	119.6	120.2	119.8	119.0	120.3	120.1	120.1	119.2	123.8	125.0	119.0	90.3	96.5	115.0	323.9	649.3	11.3
18:35:01	0:06:01	29.1	29.2	29.9	31.6	40.8	119.6	120.2	119.8	118.9	120.3	120.1	120.1	119.2	121.7	125.1	119.0	90.2	96.0	114.9	323.9	649.3	11.4
18:36:01	0:07:01	29.1	29.2	29.9	32.1	41.3	119.6	120.2	119.8	119.0	120.3	120.1	120.1	119.6	122.6	125.0	119.0	90.3	95.6	115.0	323.9	649.3	11.4
18:37:01	0:08:01	29.1	29.2	29.9	32.5	41.9	119.6	120.2	119.8	119.0	120.3	120.1	120.2	120.3	124.7	124.9	118.8	90.2	95.2	114.9	323.9	649.3	11.4
18:38:01	0:09:01	29.1	29.2	29.9	33.0	42.5	119.7	120.3	119.8	119.1	120.3	120.1	120.2	120.8	126.4	125.0	118.8	90.2	95.0	115.0	323.9	649.3	11.4
18:39:01	0:10:01	29.1	29.3	29.9	33.0	42.5	119.7	120.2	119.8	119.1	120.3	120.1	120.2	121.0	127.9	124.8	118.8	90.2	94.6	114.9	323.9	649.3	12.9
18:40:01	0:11:01	29.1	29.3	29.9	33.4	43.1	119.7	120.2	119.8	119.1	120.4	120.1	120.2	120.5	127.7	124.8	118.8	90.2	94.4	115.0	323.9	649.3	12.9
18:41:01	0:12:01	29.1	29.3	29.9	33.4	43.0	119.7	120.2	119.9	119.1	120.3	120.1	120.2	119.8	125.4	124.7	118.8	90.2	94.0	114.9	323.9	649.3	12.9
18:42:01	0:13:01	29.1	29.3	29.9	33.9	43.5	119.8	120.3	119.9	119.2	120.3	120.1	120.2	119.0	122.9	124.7	118.7	90.1	93.8	114.8	323.9	649.3	12.9
18:43:02	0:14:01	29.1	29.3	29.9	34.3	44.2	119.7	120.2	119.8	119.1	120.3	120.2	120.3	119.2	121.6	124.6	118.7	90.1	93.4	114.8	323.9	649.3	12.9
18:44:02	0:15:01	29.1	29.3	29.9	34.3	44.1	119.8	120.3	119.9	119.2	120.3	120.2	120.3	119.9	123.3	124.6	118.7	90.1	93.3	114.8	323.9	649.3	14.4
18:45:02	0:16:02	29.1	29.3	29.9	34.8	44.7	119.8	120.3	119.9	119.2	120.3	120.1	120.3	120.5	125.4	124.6	118.6	90.1	93.2	114.9	323.9	649.3	14.4
18:46:02	0:17:02	29.1	29.3	29.9	35.3	45.4	119.7	120.2	119.8	119.2	120.3	120.1	120.3	121.0	127.3	124.5	118.6	90.1	92.9	114.8	323.9	649.3	14.4
18:47:02	0:18:02	29.1	29.3	29.9	35.3	45.4	119.7	120.2	119.8	119.2	120.4	120.2	120.3	120.8	128.0	124.4	118.4	90.0	92.8	114.8	323.9	649.3	14.4

MANUAL PHASE ADVANCE (egnon) 06/11/2015 19:02:31

18:47:29	0:18:29	29.1	29.3	29.9	35.3	45.3	119.7	120.2	119.9	119.2	120.4	120.2	120.3	120.0	123.8	124.4	118.4	90.1	92.7	114.8	323.9	649.3	14.4
18:47:29	0:18:29	29.1	29.3	29.9	35.3	45.3	119.7	120.2	119.9	119.2	120.4	120.2	120.3	120.0	123.7	124.4	118.4	90.1	92.7	114.8	323.9	649.3	14.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000109

CYCLE NO: 0000000151

STERILIZER NUMBER: 0001033693

START PRESS: 0029.0	MAX PRESS: 0029.2	MAX TEMP: 121.0	DRM1 START: 323.9	DRM2 START: 649.3	MAX PRE TEMP: 125.3	MAX GAS TEMP: 090.4
END PRESS: 0029.1	MIN PRESS: 0029.0	MIN TEMP: 119.6	DRM1 END: 323.9	DRM2 END: 649.3	MIN PRE TEMP: 124.3	MIN GAS TEMP: 090.0
PRESS CHANGE: 000.2			ETO USED 1: 000.0	ETO USED 2: 000.0	MAX VAP TEMP: 119.3	
	EO USED PHASE: 000.0	EO USED CYCLE:020.4			MIN VAP TEMP: 118.4	

CYCLE INFO

MM.DD.YYYY	HH:MM:SS	OPER_ID	COMMENT

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000110

Aeration Validation

Set "A"

Sterilization Cycle# CB500313

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500313 Load Number: Dunnage Load

Date Cycle Completed: June 18, 2015 Time Cycle Completed: 03:43

Date Aeration Completed: June 19, 2015 Time Aeration Completed: 04:05

Notes: Chamber B (STE14-031), (Set A: 3 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	97.9	95	130	°F
Room Temperature Min	104	95	115	°F
Room Temperature Max	106	95	115	°F
Room RH Min	42	40	70	%
Room RH Max	52	40	70	%
PCR Elapsed Time	12:43	12:00	96:00	Hrs:Min
Load Time	39	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	4	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	116	38	390	Minutes
Chamber Moisture Min	51.2	18.3	86.3	mg/L
Chamber Moisture Max	62.1	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	28.1*	27.0	28.0	inHgA
EtO Inject Elapsed Time	10	3	60	Minutes
EtO Gas Weight Used	20.3	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.1	28.5	29.5	inHgA
Chamber Temperature Min	117.4	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	320.1	200	480	mg/L
Gas Concentration Max	401.5	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.4	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.4	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.4	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.4	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.4	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.4	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.4	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.4	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.4	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.4	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.4	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.4	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.4	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:05	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.4	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.1 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: _____ Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE # :	ELIGIBILITY TIME: 07:47	DATE: 6/17/15
CB500313	CYCLE LOAD TIME: 08:30	DATE: 6/17/15

(CIRCLE ONE) #411

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: PS

STARTING PCR TEMP: 97.9 STARTING PCR TIME: 19:47 START PCR DATE: 06/16/15

PCR MIN RH: 42 PCR MIN TEMP: 104

PCR MAX RH: 52 PCR MAX TEMP: 106

PALLET PRODUCT LOTS VERIFIED LOAD BY: CM PCR CIRCULATOR RUNNING: CM

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5014005			
STE14-031	6 pallet	Residuals	(Set A: 3 of 3X)		

CYCLE START TIME: 09:09 CYCLE START DATE: 6/17/15 ETC RUN #: 154

CYCLE END TIME: 03:43 CYCLE END DATE: 06-18-15 PRIMARY START TIME: 04:00

PRIMARY END TIME: 04:05 PRIMARY END DATE: 06-19-15 MIN TEMP: 103 MAX TEMP: 105

AERATION CIRCULATOR RUNNING: GB

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: Gabriel Borrillo Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

```
*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
```

CHAMBER 103369-3

DATE: 06/17/2015
TIME: 9:09:06 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000154

LOAD NUMBER 1: CB500313
LOAD NUMBER 2: 5014005
LOAD NUMBER 3: STE14-031 6 PALLET
LOAD NUMBER 4: RESIDUALS(SETA:3OF3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00005017

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000118

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000119

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000120

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000121

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000122

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/17/2015 09:09:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.5	30.6	30.1	42.5	84.1	103.8	105.5	102.5	103.3	105.4	102.7	104.1	115.2	126.0	126.5	119.8	77.7	79.6	104.6	323.8	628.2	1.0
	CHAMBER LOW TEMPERATURE ALARM 06/17/2015 09:09:06																						
0:00:00	0:00:00	30.5	30.6	30.1	42.6	84.1	103.8	105.5	102.5	103.3	105.4	102.7	104.1	115.2	125.9	126.5	119.8	77.7	79.6	104.6	323.8	628.2	1.0
	CHAMBER LOW TEMPERATURE WARNING 06/17/2015 09:09:06																						
0:00:00	0:00:00	30.5	30.6	30.1	42.6	84.1	103.8	105.5	102.5	103.3	105.4	102.7	104.1	115.2	125.9	126.5	119.8	77.7	79.6	104.6	323.8	628.2	1.0
	ALARM SILENCED (cmappa) 06/17/2015 09:09:25																						
0:00:19	0:00:19	30.1	30.2	30.1	42.5	84.2	103.7	105.4	102.5	103.3	105.4	102.6	103.9	114.6	125.5	126.4	119.8	77.7	81.6	104.6	323.8	628.2	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000123

0:01:00	0:01:00	29.1	29.2	30.1	42.1	83.6	103.6	105.3	102.4	103.2	105.3	102.5	103.8	114.7	125.1	126.3	119.8	77.8	85.6	104.7	323.8	628.2	1.0
0:02:00	0:02:00	27.8	27.9	30.1	40.7	80.9	103.6	105.3	102.4	103.1	105.3	102.5	103.8	115.6	127.1	126.3	119.7	77.8	88.9	104.9	323.8	628.2	1.0
0:03:00	0:03:00	26.4	26.5	30.1	39.8	79.0	103.7	105.4	102.4	103.2	105.4	102.6	103.8	115.3	124.6	126.2	119.6	78.0	90.8	105.1	323.8	628.2	0.9
0:04:00	0:04:00	25.0	25.1	30.1	38.9	76.7	103.9	105.6	102.7	103.3	105.5	102.7	103.9	115.5	126.7	126.1	119.6	78.1	92.0	105.2	323.8	628.2	0.9
0:05:00	0:05:00	23.7	23.8	30.1	38.0	74.7	104.0	105.7	102.8	103.3	105.7	102.9	103.9	116.1	126.4	126.0	119.5	78.1	92.8	105.3	323.8	628.2	0.9
0:06:01	0:06:01	22.3	22.4	30.1	37.1	72.5	104.2	106.0	103.0	103.6	105.9	103.1	104.2	115.5	124.4	126.1	119.5	78.2	93.6	105.4	323.8	628.2	1.0
0:07:01	0:07:01	21.0	21.0	30.1	35.7	69.6	104.3	106.1	103.1	103.6	106.1	103.3	104.3	116.2	127.3	126.1	119.3	78.3	94.2	105.5	323.8	628.2	0.9

INITIAL EVACUATION(1) SUMMARY 06/17/2015 09:16:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:23	0:07:23	20.5	20.6	30.1	35.3	68.5	104.4	106.2	103.3	103.8	106.2	103.4	104.5	116.1	124.9	126.1	119.5	78.3	94.4	105.6	323.8	628.2	0.9

START PRESS: 0030.5 MAX PRESS: 0030.5 MAX TEMP: 106.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.5 MAX GAS TEMP: 078.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 102.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.0 MIN GAS TEMP: 077.7
PRESS CHANGE: 010.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

STABILIZATION 06/17/2015 09:16:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:23	0:00:00	20.5	20.6	30.1	35.3	68.5	104.4	106.2	103.3	103.8	106.2	103.4	104.5	116.1	124.9	126.1	119.5	78.3	94.4	105.6	323.8	628.2	0.9
0:08:23	0:01:00	20.5	20.6	30.1	35.7	68.1	105.1	106.9	104.0	104.4	107.0	104.1	105.2	116.0	126.4	126.1	119.3	78.4	93.2	105.7	323.8	628.2	0.9
0:09:23	0:02:00	20.5	20.6	30.1	36.2	67.9	105.7	107.5	104.5	105.0	107.6	104.6	105.9	116.8	126.9	125.9	119.3	78.5	91.8	105.7	323.8	628.2	0.9
0:10:23	0:03:00	20.6	20.6	30.1	36.2	67.0	106.1	107.9	104.9	105.5	108.0	105.1	106.2	116.3	124.6	125.7	119.2	78.5	90.6	105.8	323.8	628.2	0.9
0:11:23	0:04:00	20.6	20.6	30.1	37.1	68.1	106.5	108.3	105.3	105.8	108.3	105.4	106.6	116.5	126.7	125.7	119.2	78.7	89.5	105.9	323.8	628.2	0.9
0:12:23	0:05:00	20.6	20.7	30.1	37.1	67.7	106.7	108.5	105.5	106.1	108.6	105.7	106.9	117.2	127.0	125.7	119.2	78.8	88.6	106.1	323.8	628.2	0.9
0:13:24	0:06:01	20.6	20.7	30.1	38.0	68.5	107.1	108.9	105.9	106.5	108.8	105.9	107.1	116.8	124.9	125.5	119.6	78.8	87.8	106.4	323.8	628.2	0.9
0:14:24	0:07:01	20.6	20.7	30.1	38.0	68.2	107.3	109.1	106.1	106.7	109.2	106.2	107.6	116.6	126.1	125.6	122.3	78.9	87.0	106.7	323.8	628.2	0.9
0:15:24	0:08:01	20.6	20.7	30.1	38.5	68.5	107.6	109.4	106.4	106.9	109.3	106.5	107.8	117.6	127.3	125.5	122.2	78.9	86.4	106.7	323.8	628.2	1.0
0:16:24	0:09:01	20.6	20.7	30.1	38.9	68.9	107.8	109.6	106.6	107.2	109.6	106.8	107.9	117.3	125.3	125.5	122.2	79.0	85.8	106.9	323.8	628.2	0.9

STABILIZATION SUMMARY 06/17/2015 09:26:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:23	0:10:00	20.7	20.7	30.1	38.9	68.3	108.1	109.9	106.9	107.5	109.8	106.9	108.3	117.0	125.2	125.4	122.2	79.2	85.4	106.9	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 109.8 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.1 MAX GAS TEMP: 079.2
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 103.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.4 MIN GAS TEMP: 078.3
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

LEAK CHECK 06/17/2015 09:26:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:23	0:00:00	20.7	20.7	30.1	38.9	68.3	108.1	109.9	106.9	107.5	109.8	106.9	108.3	117.0	125.2	125.4	122.2	79.2	85.4	106.9	323.8	628.2	0.9
0:18:23	0:01:00	20.7	20.7	30.1	38.9	67.9	108.3	110.1	107.2	107.7	110.1	107.2	108.5	117.8	127.6	125.3	122.1	79.2	84.9	107.0	323.8	628.2	0.9
0:19:23	0:02:00	20.7	20.8	30.1	39.4	68.3	108.5	110.3	107.4	107.9	110.3	107.5	108.7	117.8	126.5	125.3	122.0	79.2	84.5	107.1	323.8	628.2	0.9
0:20:23	0:03:00	20.7	20.8	30.1	39.8	68.7	108.7	110.5	107.6	108.1	110.5	107.7	108.9	117.5	124.7	125.2	122.0	79.3	84.3	107.3	323.8	628.2	0.9
0:21:23	0:04:00	20.7	20.8	30.1	39.8	68.3	108.9	110.7	107.8	108.4	110.7	107.9	109.2	117.4	126.2	125.1	121.9	79.3	84.0	107.3	323.8	628.2	0.9

LEAK CHECK SUMMARY 06/17/2015 09:31:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000124

0:22:23	0:05:00	20.7	20.8	30.1	39.8	67.8	109.2	111.0	108.1	108.6	110.9	108.1	109.3	118.3	127.6	125.2	121.9	79.5	83.7	107.4	323.8	628.2	0.9

START PRESS: 0020.7 MAX PRESS: 0020.7 MAX TEMP: 110.9 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.4 MAX GAS TEMP: 079.5
END PRESS: 0020.7 MIN PRESS: 0020.7 MIN TEMP: 106.9 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.0 MIN GAS TEMP: 079.0
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.8

INITIAL N2 WASH(1) (Loop:1/5) 06/17/2015 09:31:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:23	0:00:00	20.7	20.8	30.1	39.8	67.8	109.2	111.0	108.1	108.6	110.9	108.1	109.3	118.3	127.6	125.2	121.9	79.5	83.7	107.4	323.8	628.2	0.9
0:23:23	0:01:00	22.0	22.1	30.1	41.2	68.8	109.9	111.6	108.8	109.2	111.6	108.9	110.1	118.2	126.4	125.1	121.8	93.2	83.6	107.5	323.8	628.2	1.0
0:24:23	0:02:00	23.4	23.5	30.1	42.1	69.5	110.3	112.1	109.2	109.6	112.1	109.3	110.7	117.8	124.7	124.9	121.6	105.4	83.4	107.6	323.8	628.2	0.9
0:25:23	0:03:00	24.8	24.8	30.1	42.5	69.6	110.6	112.4	109.5	110.0	112.3	109.6	110.9	117.8	126.3	124.9	121.5	110.4	83.3	107.7	323.8	628.2	0.9
0:26:24	0:04:00	26.1	26.2	30.1	42.5	69.2	110.9	112.6	109.8	110.3	112.6	110.0	111.3	118.6	127.6	124.9	121.4	112.2	83.2	107.8	323.8	628.2	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/17/2015 09:36:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:22	0:04:59	27.5	27.6	30.1	42.6	68.6	111.2	112.9	110.1	110.7	112.8	110.2	111.6	118.7	126.7	124.8	121.3	112.9	83.0	107.8	323.8	628.2	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 112.8 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.2 MAX GAS TEMP: 112.9
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 108.1 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.8 MIN GAS TEMP: 079.4
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL EVACUATION(2) (Loop:1/5) 06/17/2015 09:36:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:22	0:00:00	27.5	27.6	30.1	42.6	68.6	111.2	112.9	110.1	110.7	112.8	110.2	111.6	118.7	126.7	124.8	121.3	112.9	83.0	107.8	323.8	628.2	0.9
0:28:22	0:01:00	26.2	26.2	30.1	40.7	67.2	110.4	112.1	109.2	109.8	112.1	109.4	110.7	118.3	125.2	124.8	121.2	110.3	88.9	107.9	323.8	628.2	0.9
0:29:22	0:02:00	24.8	24.8	30.1	38.9	64.8	110.0	111.7	108.9	109.4	111.6	109.0	110.3	118.0	125.3	124.6	121.1	106.9	92.2	108.0	323.8	628.2	0.9
0:30:22	0:03:00	23.4	23.5	30.1	38.0	63.5	109.9	111.5	108.9	109.2	111.6	109.0	110.1	118.6	127.5	124.6	121.1	103.9	94.1	108.1	323.8	628.2	1.0
0:31:23	0:04:00	22.0	22.1	30.1	36.6	61.2	109.9	111.5	108.9	109.2	111.4	109.0	110.1	118.9	127.3	124.5	121.0	101.3	95.5	108.2	323.8	628.2	0.9
0:32:23	0:05:01	20.7	20.7	30.1	35.3	59.0	109.8	111.5	108.9	109.2	111.4	109.0	109.9	118.8	126.1	124.4	121.0	99.0	96.3	108.2	323.8	628.2	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/17/2015 09:41:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:31	0:05:09	20.5	20.6	30.1	35.3	59.0	109.8	111.5	108.9	109.2	111.6	109.0	109.9	118.4	124.9	124.4	121.0	98.7	96.5	108.2	323.8	628.2	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 112.9 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.9 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 108.9 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.3 MIN GAS TEMP: 098.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.9

INITIAL N2 WASH(1) (Loop:2/5) 06/17/2015 09:41:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:31	0:00:00	20.5	20.6	30.1	35.3	59.0	109.8	111.5	108.9	109.2	111.6	109.0	109.9	118.4	124.9	124.4	121.0	98.7	96.5	108.2	323.8	628.2	0.9
0:33:31	0:01:00	21.8	21.9	30.1	36.2	58.8	110.9	112.6	110.0	110.2	112.6	110.1	111.2	118.3	125.5	124.4	120.9	103.4	95.3	108.2	323.8	628.2	0.9
0:34:31	0:02:00	23.2	23.3	30.1	38.0	60.5	111.7	113.3	110.7	111.0	113.3	110.9	111.9	118.9	127.6	124.3	120.8	109.2	93.9	108.3	323.8	628.2	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000125

0:35:31	0:03:00	24.5	24.6	30.1	38.0	59.9	112.0	113.7	111.0	111.4	113.7	111.3	112.4	119.2	127.3	124.3	120.6	111.8	92.6	108.4	323.8	628.2	0.9
0:36:31	0:04:00	25.9	26.0	30.1	38.5	60.1	112.4	114.0	111.4	111.8	113.9	111.5	112.8	119.2	126.2	124.2	120.6	112.7	91.5	108.4	323.8	628.2	0.9
0:37:32	0:05:00	27.3	27.4	30.1	38.9	60.3	112.7	114.3	111.7	112.1	114.2	111.8	113.1	118.8	125.0	124.1	120.4	113.0	90.5	108.5	323.8	628.2	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/17/2015 09:46:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:42	0:05:11	27.5	27.6	30.1	38.9	60.3	112.6	114.2	111.7	112.1	114.2	111.8	113.1	118.4	125.5	124.2	120.4	113.0	90.4	108.5	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 114.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.4 MAX GAS TEMP: 113.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 109.0 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.1 MIN GAS TEMP: 098.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL EVACUATION(2) (Loop:2/5) 06/17/2015 09:46:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:42	0:00:00	27.5	27.6	30.1	38.9	60.3	112.6	114.2	111.7	112.1	114.2	111.8	113.1	118.4	125.5	124.2	120.4	113.0	90.4	108.5	323.8	628.2	0.9
0:38:42	0:01:00	26.1	26.2	30.1	37.1	58.8	111.9	113.4	110.9	111.3	113.4	111.0	112.2	119.2	127.5	124.1	120.3	110.7	93.4	108.6	323.8	628.2	0.9
0:39:42	0:02:00	24.8	24.9	30.1	35.3	56.5	111.4	113.0	110.5	110.8	112.9	110.6	111.6	119.4	127.5	124.1	120.2	107.7	95.4	108.6	323.8	628.2	0.9
0:40:42	0:03:00	23.4	23.5	30.1	34.8	56.0	111.3	112.8	110.4	110.6	112.9	110.5	111.5	119.3	126.4	128.6	120.2	105.0	96.7	108.7	323.8	628.2	0.9
0:41:42	0:04:00	22.1	22.1	30.1	33.9	54.5	111.3	112.9	110.4	110.6	112.8	110.4	111.5	119.0	125.4	129.1	120.1	102.6	97.5	108.7	323.8	628.2	0.9
0:42:42	0:05:00	20.7	20.8	30.1	33.5	53.8	111.3	112.8	110.4	110.6	112.8	110.4	111.3	118.9	124.6	129.3	120.1	100.4	98.3	108.8	323.8	628.2	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/17/2015 09:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:51	0:05:09	20.5	20.6	30.1	33.0	53.1	111.3	112.8	110.4	110.6	112.8	110.5	111.4	118.9	126.3	129.3	120.1	100.1	98.3	108.8	323.8	628.2	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 114.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.4 MAX GAS TEMP: 113.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 110.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 100.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

INITIAL N2 WASH(1) (Loop:3/5) 06/17/2015 09:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:52	0:00:00	20.5	20.6	30.1	33.0	53.1	111.3	112.8	110.4	110.6	112.8	110.5	111.4	118.9	126.3	129.3	120.1	100.1	98.3	108.8	323.8	628.2	0.9
0:43:52	0:01:00	21.8	21.9	30.1	34.3	53.9	112.2	113.8	111.4	111.5	113.9	111.6	112.6	119.4	127.7	129.0	119.8	103.7	97.0	108.8	323.8	628.2	0.9
0:44:52	0:02:00	23.2	23.2	30.1	35.3	54.3	112.9	114.5	112.2	112.2	114.6	112.2	113.3	119.8	127.4	129.0	119.8	109.0	95.6	108.8	323.8	628.2	0.9
0:45:52	0:03:00	24.5	24.6	30.1	35.7	54.4	113.3	114.9	112.5	112.7	114.9	112.6	113.7	119.6	126.4	129.0	119.8	111.4	94.3	108.9	323.8	628.2	0.9
0:46:52	0:04:00	25.9	26.0	30.1	36.2	54.6	113.6	115.2	112.8	113.0	115.3	112.9	114.1	119.3	125.4	128.9	119.6	112.1	93.1	108.9	323.8	628.2	0.9
0:47:52	0:05:00	27.3	27.4	30.1	36.2	54.5	113.8	115.3	113.0	113.2	115.3	113.1	114.3	119.0	124.6	129.0	119.5	112.5	92.0	108.9	323.8	628.2	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/17/2015 09:57:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:48:01	0:05:10	27.5	27.6	30.1	36.2	54.3	113.9	115.4	113.0	113.3	115.4	113.2	114.3	119.2	126.4	129.0	119.5	112.6	91.9	108.9	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 115.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.3 MAX GAS TEMP: 112.6
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 110.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.8 MIN GAS TEMP: 099.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000126

INITIAL EVACUATION(2) (Loop:3/5) 06/17/2015 09:57:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:48:01	0:00:00	27.5	27.6	30.1	36.2	54.3	113.9	115.4	113.0	113.3	115.4	113.2	114.3	119.2	126.4	129.0	119.5	112.6	91.9	108.9	323.8	628.2	0.9
0:49:01	0:01:00	26.2	26.2	30.1	35.3	54.1	113.1	114.6	112.2	112.5	114.6	112.3	113.4	119.8	127.7	128.8	119.3	110.5	94.4	108.9	323.8	628.2	0.9
0:50:01	0:02:00	24.8	24.8	30.1	33.9	52.7	112.6	114.1	111.8	111.9	114.0	111.9	112.8	120.0	127.5	128.9	119.3	107.7	96.3	109.0	323.8	628.2	0.9
0:51:01	0:03:00	23.4	23.5	30.1	33.0	51.4	112.5	114.0	111.7	111.8	113.9	111.8	112.8	119.8	126.6	128.8	119.3	105.2	97.5	109.0	323.8	628.2	0.9
0:52:02	0:04:00	22.0	22.1	30.1	32.5	50.8	112.4	113.9	111.6	111.7	113.9	111.8	112.6	119.6	125.8	128.8	119.2	103.0	98.3	109.0	323.8	628.2	0.9
0:53:02	0:05:00	20.7	20.8	30.1	31.6	49.5	112.3	113.8	111.7	111.6	113.9	111.8	112.6	119.3	124.8	128.7	119.2	100.9	98.8	109.1	323.8	628.2	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/17/2015 10:02:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:10	0:05:08	20.5	20.6	30.1	31.6	49.5	112.3	113.8	111.6	111.6	113.8	111.7	112.6	119.2	125.7	128.7	119.2	100.6	99.0	109.1	323.8	628.2	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 115.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.0 MAX GAS TEMP: 112.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 111.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.7 MIN GAS TEMP: 100.6
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL N2 WASH(1) (Loop:4/5) 06/17/2015 10:02:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:10	0:00:00	20.5	20.6	30.1	31.6	49.5	112.3	113.8	111.6	111.6	113.8	111.7	112.6	119.2	125.7	128.7	119.2	100.6	99.0	109.1	323.8	628.2	0.9
0:54:10	0:01:00	21.8	21.9	30.1	33.0	50.2	113.4	114.9	112.7	112.6	114.9	112.8	113.7	119.8	127.5	128.6	119.1	103.8	97.7	109.1	323.8	628.2	0.9
0:55:11	0:02:00	23.2	23.3	30.1	33.9	50.7	114.0	115.5	113.3	113.3	115.5	113.6	114.4	120.1	127.8	128.6	122.0	109.0	96.4	110.4	323.8	628.2	0.9
0:56:11	0:03:00	24.5	24.6	30.1	34.4	50.8	114.4	115.8	113.7	113.8	115.9	113.8	114.8	120.3	127.5	128.5	122.2	112.4	95.0	109.5	323.8	628.2	0.9
0:57:11	0:04:00	26.0	26.0	30.1	34.8	51.2	114.6	116.1	113.9	114.0	116.2	114.1	115.1	120.3	127.4	128.5	122.1	114.0	93.9	109.6	323.8	628.2	0.9
0:58:11	0:05:00	27.3	27.4	30.1	35.3	51.5	114.9	116.3	114.2	114.3	116.3	114.3	115.4	120.3	127.3	128.5	122.0	114.5	92.8	109.6	323.8	628.2	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/17/2015 10:07:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:21	0:05:10	27.5	27.6	30.1	35.3	51.5	114.9	116.3	114.2	114.3	116.3	114.3	115.4	119.9	126.1	128.4	121.9	114.5	92.6	109.6	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 116.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.7 MAX GAS TEMP: 114.6
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 111.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.4 MIN GAS TEMP: 100.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:4/5) 06/17/2015 10:07:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:59:21	0:00:00	27.5	27.6	30.1	35.3	51.5	114.9	116.3	114.2	114.3	116.3	114.3	115.4	119.9	126.1	128.4	121.9	114.5	92.6	109.6	323.8	628.2	0.9
0:59:21	0:01:00	26.2	26.2	30.1	33.5	50.0	114.0	115.5	113.3	113.4	115.5	113.4	114.4	120.0	126.3	128.4	121.8	112.4	95.2	109.7	323.8	628.2	0.9
1:00:21	0:02:00	24.8	24.8	30.1	32.5	49.2	113.6	115.0	112.9	113.0	115.0	113.1	113.9	120.3	126.9	128.4	121.8	109.6	97.1	109.7	323.8	628.2	0.9
1:01:21	0:03:00	23.4	23.5	30.1	32.1	48.8	113.4	114.8	112.8	112.7	114.8	112.8	113.7	120.3	127.4	128.3	121.7	106.9	98.1	109.7	323.8	628.2	0.9
1:02:21	0:04:00	22.0	22.1	30.1	31.6	48.2	113.3	114.7	112.7	112.6	114.8	112.8	113.5	120.5	127.9	128.3	121.7	104.6	99.1	109.8	323.8	628.2	0.9
1:03:21	0:05:00	20.7	20.8	30.1	30.7	46.9	113.2	114.7	112.6	112.5	114.7	112.7	113.5	120.3	127.7	128.2	121.7	102.5	99.6	109.8	323.8	628.2	0.8

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/17/2015 10:12:38

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000127

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:03:31	0:05:10	20.5	20.6	30.1	30.7	46.9	113.2	114.7	112.6	112.5	114.7	112.7	113.5	120.1	126.5	128.2	121.6	102.2	99.6	109.8	323.8	628.2	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.5 MAX GAS TEMP: 114.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.2 MIN GAS TEMP: 102.2
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL N2 WASH(1) (Loop:5/5) 06/17/2015 10:12:38

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:03:31	0:00:00	20.5	20.6	30.1	30.7	46.9	113.2	114.7	112.6	112.5	114.7	112.7	113.5	120.1	126.5	128.2	121.6	102.2	99.6	109.8	323.8	628.2	0.9
1:04:31	0:01:00	21.8	21.9	30.1	32.1	47.6	114.3	115.7	113.7	113.5	115.7	113.8	114.5	120.0	126.1	128.1	121.5	105.4	98.4	109.8	323.8	628.2	0.9
1:05:31	0:02:00	23.2	23.2	30.1	33.0	48.2	114.9	116.3	114.2	114.2	116.4	114.4	115.3	120.0	126.1	127.9	121.4	110.6	97.0	109.8	323.8	628.2	0.9
1:06:31	0:03:00	24.5	24.6	30.1	33.5	48.5	115.2	116.6	114.6	114.4	116.6	114.8	115.7	120.3	126.5	128.0	121.3	113.0	95.8	109.9	323.8	628.2	0.9
1:07:31	0:04:00	25.9	26.0	30.1	33.5	48.2	115.4	116.8	114.8	114.7	116.9	115.0	116.0	120.0	126.1	127.9	121.2	113.8	94.6	109.8	323.8	628.2	0.9
1:08:32	0:05:00	27.3	27.4	30.1	33.9	48.5	115.7	116.9	115.0	115.0	117.0	115.3	116.2	119.8	125.6	127.8	121.0	114.0	93.4	109.9	323.8	628.2	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/17/2015 10:17:48

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:08:42	0:05:10	27.5	27.6	30.1	33.9	48.5	115.7	116.9	115.0	115.0	117.0	115.3	116.2	119.6	124.5	127.9	121.1	114.1	93.4	109.9	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.1 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.3 MAX GAS TEMP: 114.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 112.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.8 MIN GAS TEMP: 101.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.0

INITIAL EVACUATION(2) (Loop:5/5) 06/17/2015 10:17:48

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:08:42	0:00:00	27.5	27.6	30.1	33.9	48.5	115.7	116.9	115.0	115.0	117.0	115.3	116.2	119.6	124.5	127.9	121.1	114.1	93.4	109.9	323.8	628.2	0.9
1:09:42	0:01:00	26.2	26.2	30.1	33.0	48.3	114.8	116.1	114.2	114.3	116.2	114.3	115.3	119.6	124.2	127.8	121.0	112.1	95.8	110.0	323.8	628.2	0.9
1:10:42	0:02:00	24.8	24.8	30.1	31.6	46.8	114.4	115.7	113.8	113.7	115.6	113.8	114.7	119.4	124.4	127.7	120.9	109.3	97.6	110.0	323.8	628.2	0.9
1:11:42	0:03:00	23.4	23.5	30.1	31.2	46.5	114.1	115.5	113.5	113.5	115.4	113.8	114.4	119.6	124.5	127.6	120.8	106.8	98.8	110.0	323.8	628.2	0.9
1:12:42	0:04:00	22.1	22.1	30.1	30.3	45.2	114.1	115.4	113.5	113.4	115.3	113.6	114.3	119.6	124.0	127.5	120.9	104.7	99.6	110.0	323.8	628.2	0.9
1:13:42	0:05:00	20.7	20.7	30.1	30.3	45.4	113.9	115.2	113.4	113.2	115.3	113.4	114.0	119.6	124.6	127.4	120.7	102.6	100.2	110.1	323.7	628.2	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/17/2015 10:22:57

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:13:50	0:05:09	20.5	20.6	30.1	30.3	45.4	113.9	115.2	113.3	113.2	115.3	113.6	114.1	119.2	124.0	127.4	120.7	102.3	100.2	110.0	323.8	628.2	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.0 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.9 MAX GAS TEMP: 114.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.4 MIN GAS TEMP: 102.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.7

HUMIDIFICATION(1) 06/17/2015 10:22:57

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:13:50	0:00:00	20.5	20.6	30.1	30.3	45.4	113.9	115.2	113.3	113.2	115.3	113.6	114.1	119.2	124.0	127.4	120.7	102.3	100.2	110.0	323.8	628.2	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000128

1:14:50	0:01:00	20.6	20.7	30.1	31.6	46.7	114.5	115.6	114.1	113.8	115.6	114.3	114.9	118.9	123.0	127.3	120.6	100.6	99.0	110.0	323.8	628.2	0.9
1:15:50	0:02:00	20.8	20.9	30.1	36.6	53.5	114.9	115.8	114.5	114.4	115.7	114.7	115.5	119.0	123.1	127.3	120.7	99.1	97.5	110.0	323.8	628.2	0.9
1:16:51	0:03:00	21.0	21.0	30.1	43.9	63.7	115.2	115.8	114.9	114.7	115.9	115.0	115.9	118.9	123.0	127.3	120.5	97.6	96.2	110.1	323.8	628.2	0.9
1:17:51	0:04:00	21.1	21.2	30.1	50.7	73.1	115.4	116.0	115.2	115.0	116.2	115.4	116.2	118.9	122.8	127.1	120.5	96.4	95.0	110.0	323.8	628.2	0.9

HUMIDIFICATION(1) SUMMARY 06/17/2015 10:26:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:53	0:04:03	21.2	21.3	30.1	51.2	73.7	115.4	116.1	115.2	115.0	116.2	115.4	116.2	118.9	123.2	127.1	120.5	96.3	94.9	110.1	323.8	628.2	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 116.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.4 MAX GAS TEMP: 102.3
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 113.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.1 MIN GAS TEMP: 096.3
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

HUMIDIFICATION DWELL(1) 06/17/2015 10:26:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:53	0:00:00	21.2	21.3	30.1	51.2	73.7	115.4	116.1	115.2	115.0	116.2	115.4	116.2	118.9	123.2	127.1	120.5	96.3	94.9	110.1	323.8	628.2	0.9
1:19:53	0:02:00	21.2	21.3	30.1	60.7	86.7	115.8	116.4	115.6	115.3	116.4	115.9	116.5	119.0	122.8	127.0	132.4	94.3	92.8	112.2	323.8	628.2	0.8
1:21:53	0:04:00	21.2	21.3	30.1	62.1	88.4	115.8	116.6	115.7	115.2	116.6	115.9	116.5	119.0	123.1	126.9	132.1	92.6	91.1	111.5	323.8	628.2	0.9
1:23:53	0:06:00	21.2	21.3	30.1	61.6	87.5	116.0	116.8	115.8	115.3	116.8	116.1	116.5	119.3	123.5	126.8	132.1	91.3	89.9	111.7	323.8	628.2	0.9
1:25:54	0:08:00	21.2	21.2	30.1	60.7	86.2	116.0	116.8	115.8	115.3	116.9	115.9	116.5	119.4	124.0	126.7	131.9	90.2	88.9	111.8	323.8	628.2	0.9
1:27:54	0:10:00	21.1	21.2	30.1	59.8	84.6	116.1	116.9	116.0	115.4	116.9	116.1	116.6	119.6	124.7	126.7	131.6	89.2	88.0	111.9	323.8	628.2	0.9
1:29:54	0:12:00	21.1	21.2	30.1	59.3	84.0	116.1	116.9	115.9	115.4	117.1	116.2	116.6	119.8	125.3	126.6	131.6	88.5	87.3	112.0	323.8	628.2	0.8
1:31:54	0:14:01	21.1	21.2	30.1	58.9	83.0	116.3	117.2	116.1	115.5	117.2	116.3	116.7	119.9	125.9	126.4	131.4	87.9	86.7	112.2	323.8	628.2	0.9
1:33:54	0:16:01	21.1	21.2	30.1	58.0	81.7	116.3	117.2	116.1	115.5	117.3	116.4	116.8	119.9	126.1	126.3	131.1	87.3	86.2	112.2	323.7	628.2	0.9
1:35:54	0:18:01	21.1	21.2	30.1	57.5	80.8	116.4	117.3	116.2	115.6	117.3	116.4	116.8	119.8	126.0	126.2	130.9	86.8	85.8	112.3	323.8	628.2	0.8
1:37:54	0:20:01	21.1	21.2	30.1	57.1	80.0	116.5	117.4	116.3	115.7	117.4	116.4	116.8	119.2	125.0	126.0	130.8	86.5	85.4	112.3	323.8	628.2	0.9
1:39:54	0:22:01	21.1	21.2	30.1	56.6	79.3	116.5	117.4	116.3	115.7	117.5	116.6	116.9	119.0	122.9	126.0	130.6	86.2	85.0	112.4	323.8	628.2	0.9
1:41:54	0:24:01	21.1	21.2	30.1	56.2	78.6	116.5	117.4	116.4	115.7	117.6	116.6	117.0	119.2	123.1	125.8	130.4	85.8	84.8	112.4	323.8	628.2	0.9
1:43:54	0:26:01	21.1	21.2	30.1	55.7	77.7	116.6	117.6	116.5	115.8	117.6	116.7	117.0	119.4	123.7	125.8	130.3	85.4	84.6	112.5	323.8	628.2	0.9
1:45:55	0:28:01	21.1	21.2	30.1	55.7	77.7	116.6	117.6	116.5	115.8	117.7	116.7	117.0	119.6	124.3	125.6	130.1	85.3	84.4	112.4	323.8	628.2	0.8
1:47:55	0:30:01	21.1	21.2	30.1	55.2	76.8	116.8	117.8	116.6	115.9	117.7	116.8	117.1	119.9	125.1	125.5	130.0	85.1	84.3	112.5	323.8	628.2	0.9
1:49:55	0:32:02	21.1	21.2	30.1	54.8	76.1	116.8	117.8	116.6	116.0	117.8	116.9	117.2	120.1	125.8	125.4	129.9	84.9	84.2	112.5	323.8	628.2	0.8
1:51:55	0:34:02	21.1	21.2	30.1	54.8	76.1	116.8	117.8	116.7	116.0	117.8	116.9	117.2	119.9	126.1	125.2	129.7	84.7	84.0	112.5	323.8	628.2	0.9
1:53:55	0:36:02	21.1	21.2	30.1	54.4	75.3	116.9	117.8	116.8	116.1	117.9	117.0	117.3	119.2	124.7	125.1	129.5	84.7	84.0	112.6	323.8	628.2	0.9
1:55:55	0:38:02	21.1	21.2	30.1	54.3	75.2	116.9	117.8	116.9	116.1	118.0	117.1	117.3	119.2	122.9	125.1	129.3	84.4	84.0	112.6	323.8	628.2	0.9
1:57:55	0:40:02	21.1	21.2	30.1	53.9	74.6	116.9	117.8	116.9	116.1	118.0	117.2	117.4	119.6	123.4	125.0	129.2	84.3	83.9	112.6	323.8	628.2	0.9
1:59:55	0:42:02	21.1	21.2	30.1	53.9	74.5	117.0	118.0	116.9	116.1	118.0	117.2	117.4	119.8	124.8	124.8	129.0	84.2	83.8	112.6	323.8	628.2	0.9
2:01:56	0:44:02	21.1	21.2	30.1	53.4	73.7	117.0	118.0	117.0	116.2	118.1	117.2	117.4	118.9	121.9	124.7	132.3	84.2	83.8	113.2	323.8	628.2	0.9
2:03:56	0:46:02	21.1	21.2	30.1	53.5	73.7	117.0	118.0	117.0	116.2	118.1	117.2	117.4	119.8	125.3	124.6	132.1	84.2	83.8	113.0	323.8	628.2	0.9
	CHAMBER LOW TEMPERATURE ALARM RESET						06/17/2015 11:13:46																
2:04:40	0:46:46	21.1	21.2	30.1	53.4	73.6	117.1	118.1	117.0	116.3	118.1	117.2	117.4	118.9	122.0	124.5	132.1	84.1	83.7	113.0	323.8	628.2	0.8
2:05:56	0:48:03	21.1	21.2	30.1	53.4	73.7	117.0	118.0	117.0	116.2	118.0	117.2	117.4	118.0	119.5	124.5	131.9	84.1	83.7	113.0	323.8	628.2	0.9
2:07:56	0:50:03	21.1	21.2	30.1	53.5	73.7	117.0	118.0	117.0	116.2	118.0	117.2	117.4	118.3	120.5	124.4	131.8	83.9	83.7	113.0	323.8	628.2	0.9
2:09:56	0:52:03	21.1	21.2	30.1	53.0	73.2	117.0	118.0	116.9	116.1	118.1	117.2	117.4	119.0	123.2	124.2	131.6	83.9	83.7	113.1	323.8	628.2	0.8
2:11:56	0:54:03	21.1	21.2	30.1	52.5	72.4	117.0	118.0	117.0	116.2	118.1	117.3	117.4	118.6	121.5	124.1	131.4	83.9	83.7	113.1	323.8	628.2	0.9
2:13:56	0:56:03	21.1	21.2	30.1	52.5	72.5	117.0	118.0	117.0	116.2	118.0	117.2	117.4	118.9	123.0	124.1	131.2	83.8	83.7	113.1	323.8	628.2	0.9
2:15:56	0:58:03	21.1	21.2	30.1	52.5	72.4	117.1	118.0	117.1	116.2	118.0	117.2	117.4	118.7	121.8	129.0	131.1	83.8	83.7	113.1	323.8	628.2	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/17/2015 11:27:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:53	1:00:00	21.1	21.2	30.1	52.5	72.6	117.0	117.8	117.0	116.1	118.0	117.3	117.4	118.7	122.0	129.0	130.9	83.7	83.7	113.1	323.8	628.2	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000129

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.1 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.5 MAX GAS TEMP: 096.3
END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 115.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 083.7
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: 000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

INITIAL EVACUATION(3) 06/17/2015 11:27:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:53	0:00:00	21.1	21.2	30.1	52.5	72.6	117.0	117.8	117.0	116.1	118.0	117.3	117.4	118.7	122.0	129.0	130.9	83.7	83.7	113.1	323.8	628.2	0.9

INITIAL EVACUATION(3) SUMMARY 06/17/2015 11:27:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:22	0:00:28	20.5	20.6	30.1	52.1	72.2	116.9	117.8	116.9	115.9	117.8	117.1	117.2	120.1	128.1	129.0	130.9	83.8	86.6	113.1	323.8	628.2	0.8

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.1 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.1 MAX GAS TEMP: 083.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 129.0 MIN GAS TEMP: 083.7
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.9

STERILANT INJECTION(1) 06/17/2015 11:27:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:22	0:00:00	20.5	20.6	30.1	52.1	72.2	116.9	117.8	116.9	115.9	117.8	117.1	117.2	120.1	128.1	129.0	130.9	83.8	86.6	113.1	323.8	628.2	0.8

CHAMBER LOW TEMPERATURE WARNING RESET 06/17/2015 11:27:28

2:18:22	0:00:00	20.5	20.6	30.1	52.1	72.2	116.9	117.8	116.9	115.9	117.8	117.1	117.2	120.1	128.1	129.0	130.9	83.8	86.6	113.1	323.8	628.2	0.8
2:19:22	0:01:00	21.2	21.3	30.1	52.5	72.7	116.9	117.8	117.0	116.0	117.9	117.3	117.2	119.0	123.0	129.0	130.1	113.1	86.8	113.1	323.8	622.8	0.9
2:20:22	0:02:00	21.9	22.0	30.1	54.8	75.8	117.0	117.8	117.1	116.0	117.8	117.3	117.2	119.2	123.2	128.8	129.2	113.8	86.4	113.0	323.8	622.8	38.5
2:21:22	0:03:00	22.6	22.8	30.1	56.6	79.4	116.4	117.1	116.6	115.6	117.4	117.0	116.9	119.2	123.3	128.6	131.4	117.1	86.1	114.8	323.8	622.8	92.7
2:22:22	0:04:00	23.2	23.3	30.1	58.4	82.2	116.3	116.9	116.5	115.4	117.2	116.9	116.6	119.2	123.6	128.2	131.4	113.2	85.8	113.4	323.8	622.8	149.8
2:23:22	0:05:00	24.0	24.1	30.1	59.8	83.9	116.4	117.1	116.6	115.5	117.3	116.9	116.7	119.3	123.8	128.0	130.4	112.0	85.6	113.3	323.8	622.4	202.6
2:24:22	0:06:01	24.6	24.7	30.1	61.6	85.8	116.6	117.4	116.8	115.8	117.5	117.1	116.9	119.4	124.1	127.9	130.0	115.5	85.4	113.2	323.8	617.0	256.8
2:25:23	0:07:01	25.3	25.4	30.1	63.0	87.3	116.8	117.6	117.0	116.0	117.6	117.2	117.1	119.6	124.4	127.7	128.8	115.2	85.2	113.2	323.8	615.1	309.5
2:26:23	0:08:01	26.0	26.1	30.1	64.8	89.4	117.0	117.7	117.2	116.2	117.8	117.4	117.3	119.6	124.6	127.6	131.8	113.0	85.1	114.0	323.7	615.1	363.8
2:27:23	0:09:01	26.6	26.7	30.1	66.6	92.2	116.9	117.7	117.0	116.1	117.8	117.3	117.3	119.8	125.0	127.2	130.9	116.2	84.9	113.5	323.7	613.9	419.6
2:28:23	0:10:01	27.4	27.5	30.1	68.0	93.8	117.0	117.8	117.1	116.2	117.9	117.4	117.4	119.8	125.2	127.0	130.0	117.1	84.8	113.5	323.7	609.6	470.8

STERILANT INJECTION(1) SUMMARY 06/17/2015 11:38:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:18	0:10:57	28.0	28.1	30.1	69.3	95.5	117.1	117.8	117.2	116.4	118.0	117.5	117.5	118.6	121.2	126.8	128.8	115.2	84.7	113.4	323.7	607.9	520.6

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.0 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.0 MAX GAS TEMP: 118.6
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.8 MIN GAS TEMP: 111.0
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 020.2 MAX VAP TEMP: 131.9
EO USED PHASE: 020.3 EO USED CYCLE:020.3 MIN VAP TEMP: 128.7

N2 BLANKET(1) 06/17/2015 11:38:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:19	0:00:00	28.0	28.1	30.1	69.3	95.5	117.1	117.8	117.2	116.4	118.0	117.5	117.5	118.6	121.2	126.8	128.8	115.2	84.7	113.4	323.7	607.9	520.6
2:30:19	0:01:00	28.7	28.8	30.1	70.7	97.0	117.2	118.0	117.3	116.5	118.0	117.5	117.6	118.1	121.0	126.5	132.1	109.7	84.6	114.1	323.7	607.9	573.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000130

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

N2 BLANKET(1) SUMMARY 06/17/2015 11:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:47	0:01:28	29.0	29.1	30.1	71.1	97.6	117.2	118.0	117.3	116.5	118.1	117.6	117.7	120.1	127.1	126.5	131.9	111.4	84.6	113.8	323.7	608.0	590.0

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.1 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 126.8 MAX GAS TEMP: 115.2
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.4 MIN GAS TEMP: 108.5
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 128.8

EXPOSURE(1) 06/17/2015 11:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:47	0:00:00	29.0	29.1	30.1	71.1	97.6	117.2	118.0	117.3	116.5	118.1	117.6	117.7	120.1	127.1	126.5	131.9	111.4	84.6	113.8	323.7	608.0	590.0
2:31:47	0:01:00	29.0	29.1	30.1	70.7	97.2	117.2	117.8	117.2	116.5	118.1	117.6	117.7	118.7	121.8	126.2	131.9	111.4	84.4	113.7	323.7	608.0	597.6
2:32:47	0:02:00	28.9	29.0	30.1	69.8	95.9	117.2	117.8	117.2	116.5	118.0	117.5	117.5	118.7	124.1	125.9	131.8	109.3	84.3	113.7	323.7	608.0	594.5
2:33:47	0:03:00	28.9	29.0	30.1	69.8	95.7	117.2	118.0	117.3	116.5	118.0	117.5	117.6	119.0	123.2	125.7	131.8	107.4	84.3	113.7	323.7	607.9	586.9
2:34:47	0:04:00	28.9	29.0	30.1	69.3	95.1	117.2	118.0	117.3	116.5	118.1	117.6	117.7	118.1	120.0	125.5	131.8	105.7	84.2	113.7	323.7	607.9	580.9
2:35:47	0:05:00	28.8	28.9	30.1	69.3	95.1	117.2	118.0	117.3	116.5	118.1	117.6	117.7	119.8	125.8	125.3	131.6	104.0	84.2	113.7	323.7	607.9	571.8
2:36:48	0:06:01	28.8	28.9	30.1	69.3	95.1	117.2	118.0	117.3	116.5	118.1	117.5	117.6	118.3	121.0	125.0	131.6	102.5	84.1	113.7	323.7	608.0	564.3
2:37:48	0:07:01	28.7	28.9	30.1	69.3	95.1	117.2	118.0	117.3	116.5	118.1	117.6	117.7	120.0	127.3	124.8	131.4	101.2	84.1	113.7	323.7	608.0	556.8
2:38:48	0:08:01	28.7	28.8	30.1	69.3	94.9	117.3	118.1	117.4	116.6	118.1	117.6	117.7	118.7	121.9	124.6	131.4	100.0	84.0	113.7	323.7	608.0	549.2
	BEGIN GAS ADDITION (1) (cmappa) 06/17/2015 11:48:01																						
2:38:55	0:08:08	28.7	28.8	30.1	69.3	94.9	117.3	118.1	117.4	116.6	118.1	117.7	117.7	118.4	121.5	124.6	131.4	99.8	84.1	113.7	323.7	607.9	547.8
	END GAS ADDITION (1) (cmappa) 06/17/2015 11:48:14																						
2:39:08	0:08:21	29.0	29.1	30.1	69.3	94.8	117.4	118.1	117.5	116.6	118.1	117.7	117.7	118.3	120.9	124.5	131.4	99.9	84.0	113.7	323.7	608.0	547.7
2:39:48	0:09:01	29.0	29.1	30.1	69.8	95.3	117.4	118.1	117.5	116.7	118.2	117.8	117.9	118.8	124.8	124.3	131.2	101.4	84.0	113.7	323.7	608.0	547.7
2:40:48	0:10:01	29.0	29.1	30.1	69.3	94.6	117.4	118.2	117.5	116.7	118.2	117.7	117.8	119.0	123.1	124.2	131.1	100.2	84.1	113.8	323.7	607.9	538.7
2:41:48	0:11:01	29.0	29.1	30.1	69.3	94.9	117.3	118.1	117.4	116.6	118.2	117.8	117.8	118.0	120.0	123.1	131.1	99.1	84.0	113.8	323.7	608.0	528.2
2:42:48	0:12:01	28.9	29.0	30.1	68.9	94.2	117.4	118.1	117.5	116.6	118.2	117.8	117.8	119.6	125.0	129.2	130.9	98.0	84.0	113.8	323.7	607.9	523.6
2:43:48	0:13:01	28.9	29.0	30.1	69.3	94.6	117.4	118.2	117.5	116.7	118.2	117.8	117.8	118.2	120.6	129.0	130.9	97.0	84.0	113.8	323.7	608.0	517.6
2:44:48	0:14:01	28.9	29.0	30.1	68.9	94.0	117.4	118.2	117.5	116.7	118.3	117.8	117.8	120.1	127.2	128.6	130.8	96.2	84.0	113.8	323.7	607.9	511.5
2:45:49	0:15:02	28.9	29.0	30.1	68.9	93.9	117.5	118.2	117.6	116.7	118.2	117.8	117.8	118.6	121.7	128.4	130.7	95.4	84.0	113.8	323.7	607.9	507.0
2:46:49	0:16:02	28.8	29.0	30.1	68.9	93.8	117.5	118.2	117.6	116.8	118.3	117.8	117.9	119.0	125.6	128.3	130.7	94.7	83.9	113.8	323.7	608.0	501.0
2:47:49	0:17:02	28.8	28.9	30.1	68.9	93.8	117.5	118.2	117.6	116.8	118.3	117.9	117.9	118.9	123.0	128.1	130.6	94.0	84.0	113.8	323.7	608.0	494.9
2:48:49	0:18:02	28.8	28.9	30.1	69.3	94.5	117.5	118.2	117.6	116.8	118.3	117.9	117.9	118.1	119.9	127.9	130.5	93.4	84.0	113.8	323.7	607.9	493.4
2:49:49	0:19:02	28.8	28.9	30.1	69.3	94.4	117.5	118.3	117.6	116.8	118.3	117.9	117.9	119.6	124.8	127.7	130.4	92.8	83.9	113.8	323.7	608.0	487.4
2:50:49	0:20:02	28.8	28.9	30.1	68.9	94.0	117.4	118.2	117.5	116.7	118.3	117.9	118.0	118.2	120.6	127.7	130.3	92.3	84.0	113.8	323.7	608.0	482.9
2:51:49	0:21:02	28.7	28.9	30.1	69.3	94.4	117.5	118.3	117.6	116.8	118.3	117.9	117.9	120.1	127.0	127.5	130.3	91.8	84.0	113.8	323.7	607.9	481.3
2:52:49	0:22:02	28.7	28.8	30.1	68.9	93.8	117.5	118.3	117.6	116.8	118.3	117.9	118.0	118.4	121.5	127.4	130.2	91.4	83.9	113.8	323.7	608.0	476.9
2:53:49	0:23:02	28.7	28.8	30.1	68.9	93.6	117.6	118.3	117.7	116.9	118.4	118.0	118.0	119.6	126.9	127.4	130.1	91.0	84.0	113.8	323.7	608.0	473.9
	BEGIN GAS ADDITION (2) (cmappa) 06/17/2015 12:03:16																						
2:54:10	0:23:23	28.7	28.8	30.1	68.9	93.8	117.5	118.3	117.6	116.8	118.3	117.9	117.9	120.0	126.5	127.4	130.0	90.8	84.0	113.9	323.7	608.0	472.3
	END GAS ADDITION (2) (cmappa) 06/17/2015 12:03:29																						
2:54:23	0:23:36	29.0	29.1	30.1	68.9	93.6	117.6	118.3	117.7	116.9	118.4	118.0	118.0	119.6	125.0	127.4	130.0	91.2	84.0	113.8	323.7	607.9	472.3
2:54:50	0:24:03	29.0	29.1	30.1	69.8	94.7	117.7	118.3	117.8	116.9	118.6	118.1	118.1	118.9	122.6	127.3	130.0	94.0	84.0	113.8	323.7	607.9	476.9
2:55:50	0:25:03	29.0	29.1	30.1	69.3	94.1	117.6	118.3	117.7	116.9	118.5	118.1	118.1	118.0	120.7	127.1	130.0	93.7	84.0	113.8	323.7	608.0	470.8
2:56:50	0:26:03	29.0	29.1	30.1	68.9	93.4	117.7	118.3	117.8	116.9	118.4	118.0	118.0	119.3	124.2	127.0	129.9	93.0	84.0	113.8	323.7	607.9	464.8
2:57:50	0:27:03	29.0	29.1	30.1	68.9	93.5	117.6	118.3	117.8	116.9	118.4	118.0	118.0	118.2	120.4	126.9	129.8	92.3	84.0	113.8	323.7	608.0	460.3
2:58:50	0:28:03	29.0	29.1	30.1	68.9	93.5	117.6	118.3	117.7	116.9	118.4	118.0	118.0	120.1	126.6	126.8	129.7	91.7	84.0	113.8	323.7	607.9	457.3
2:59:50	0:29:03	29.0	29.1	30.1	68.9	93.4	117.7	118.3	117.8	116.9	118.5	118.1	118.1	118.4	121.3	126.8	129.6	91.2	84.1	113.8	323.7	607.9	454.2
3:00:50	0:30:03	28.9	29.0	30.1	68.9	93.4	117.7	118.3	117.8	116.9	118.5	118.1	118.1	119.8	127.0	126.7	129.6	90.7	84.1	113.8	323.7	608.0	451.2
3:01:50	0:31:03	28.9	29.0	30.1	68.9	93.4	117.7	118.3	117.8	116.9	118.5	118.1	118.1	118.8	122.3	126.6	129.5	90.3	84.0	113.8	323.7	608.0	449.7
3:02:50	0:32:03	28.9	29.0	30.1	68.8	93.4	117.7	118.3	117.8	116.9	118.5	118.1	118.0	117.8	120.3	126.5	129.4	89.9	84.0	113.8	323.7	607.9	446.6
3:03:51	0:33:04	28.9	29.0	30.1	68.9	93.4	117.7	118.3	117.8	117.0	118.5	118.1	118.1	119.4	124.4	126.4	129.3	89.5	84.0	113.8	323.7	608.0	445.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000131

3:04:51	0:34:04	28.9	29.0	30.1	68.9	93.4	117.7	118.3	117.8	117.0	118.5	118.1	118.1	118.2	120.4	126.3	129.3	89.2	84.0	113.7	323.7	607.9	442.1
3:05:51	0:35:04	28.9	29.0	30.2	68.9	93.4	117.7	118.3	117.8	117.0	118.5	118.1	118.1	120.0	126.6	126.3	129.2	88.9	84.1	113.8	323.7	608.0	440.7
3:06:51	0:36:04	28.9	29.0	30.1	68.9	93.3	117.7	118.3	117.9	117.0	118.6	118.2	118.2	118.4	121.3	126.2	129.1	88.7	84.1	113.8	323.7	608.0	439.1
3:07:51	0:37:04	28.9	29.0	30.1	68.9	93.4	117.7	118.3	117.8	116.9	118.5	118.2	118.1	119.3	126.2	126.0	129.0	88.4	84.0	113.7	323.7	608.0	436.1
3:08:51	0:38:04	28.9	29.0	30.1	68.9	93.2	117.8	118.5	117.9	117.0	118.5	118.2	118.1	118.9	122.8	125.9	129.6	88.2	84.0	114.1	323.7	607.9	434.7
3:09:51	0:39:04	28.8	28.9	30.1	68.9	93.2	117.8	118.5	117.9	117.0	118.5	118.1	118.1	118.1	119.8	125.9	132.1	87.9	84.0	114.3	323.7	608.0	433.1
3:10:51	0:40:04	28.8	28.9	30.1	68.4	92.6	117.8	118.5	117.9	117.0	118.5	118.2	118.1	119.8	125.3	125.8	132.1	87.8	84.0	114.1	323.7	608.0	431.6
3:11:52	0:41:05	28.8	28.9	30.1	68.4	92.5	117.8	118.5	117.9	117.1	118.6	118.2	118.2	118.3	120.8	125.7	131.9	87.6	84.0	114.1	323.7	608.0	430.0
3:12:52	0:42:05	28.8	28.9	30.1	68.9	93.3	117.7	118.3	117.9	117.0	118.5	118.2	118.1	120.1	127.3	125.6	131.9	87.3	84.0	114.1	323.7	607.9	427.1
3:13:52	0:43:05	28.8	28.9	30.1	68.4	92.5	117.8	118.5	117.9	117.1	118.6	118.2	118.1	118.7	121.8	125.6	131.9	87.1	84.0	114.1	323.7	608.0	427.0
3:14:52	0:44:05	28.8	28.9	30.1	68.4	92.5	117.8	118.5	118.0	117.0	118.6	118.3	118.1	118.8	124.7	125.5	131.8	87.1	84.0	114.1	323.7	608.0	425.6
3:15:52	0:45:05	28.8	28.9	30.1	68.4	92.4	117.8	118.6	118.0	117.0	118.6	118.3	118.2	119.0	123.1	125.4	131.6	86.8	84.0	114.1	323.7	607.9	422.6
3:16:52	0:46:05	28.8	28.9	30.1	68.4	92.6	117.8	118.5	117.9	117.0	118.6	118.3	118.2	118.1	120.0	125.3	131.6	86.7	84.0	114.1	323.7	607.9	421.1
3:17:52	0:47:05	28.8	28.9	30.1	68.9	93.1	117.8	118.5	118.0	117.0	118.6	118.3	118.2	119.8	125.3	125.2	131.6	86.7	84.0	114.1	323.7	608.0	419.5
3:18:52	0:48:05	28.8	28.9	30.1	68.0	92.0	117.8	118.5	117.9	117.0	118.6	118.3	118.2	118.3	120.7	125.2	131.4	86.4	84.0	114.1	323.7	608.0	419.6
3:19:52	0:49:05	28.8	28.9	30.1	68.4	92.6	117.8	118.5	117.9	117.0	118.6	118.3	118.1	119.9	127.3	125.1	131.4	86.3	84.1	114.2	323.7	608.0	416.5
3:20:53	0:50:06	28.7	28.8	30.1	68.0	91.9	117.8	118.5	118.0	117.0	118.6	118.3	118.2	118.7	122.1	125.0	131.2	86.2	84.0	114.2	323.7	608.0	416.6
3:21:53	0:51:06	28.7	28.8	30.1	68.0	91.7	117.9	118.6	118.0	117.1	118.6	118.3	118.2	118.0	120.5	124.9	131.2	86.2	84.0	114.1	323.7	608.0	413.5
3:22:53	0:52:06	28.7	28.8	30.1	67.9	91.7	117.9	118.6	118.0	117.1	118.6	118.3	118.2	119.3	124.0	124.8	131.1	86.0	84.0	114.2	323.7	608.0	412.0
3:23:53	0:53:06	28.7	28.8	30.1	68.4	92.3	117.9	118.6	118.0	117.1	118.7	118.3	118.3	118.2	120.4	124.7	131.1	86.0	84.0	114.2	323.7	608.0	412.0
3:24:53	0:54:06	28.7	28.8	30.1	68.4	92.3	117.9	118.6	118.0	117.1	118.7	118.4	118.3	119.9	125.9	124.7	130.8	85.8	84.0	114.2	323.7	607.9	410.5

BEGIN GAS ADDITION (3) (cmappa) 06/17/2015 12:34:45

3:25:39	0:54:52	28.7	28.8	30.1	67.9	91.7	117.9	118.6	118.0	117.1	118.7	118.4	118.3	118.7	121.9	124.6	130.8	85.8	84.0	114.1	323.7	607.9	409.0

END GAS ADDITION (3) (cmappa) 06/17/2015 12:34:58

3:25:52	0:55:05	29.0	29.1	30.1	68.4	92.1	118.0	118.7	118.1	117.2	118.7	118.4	118.3	118.4	121.2	124.6	130.8	86.5	84.0	114.2	323.7	608.0	410.5
3:25:53	0:55:06	29.0	29.1	30.2	68.4	92.2	117.9	118.6	118.1	117.2	118.7	118.4	118.3	118.3	121.1	124.6	130.8	86.8	84.1	114.2	323.7	608.0	410.5
3:26:53	0:56:06	29.0	29.1	30.2	68.4	92.2	117.9	118.6	118.1	117.2	118.7	118.4	118.3	117.8	119.2	124.6	130.7	90.3	84.1	114.2	323.7	607.9	412.0
3:27:53	0:57:06	29.0	29.1	30.2	67.9	91.7	117.9	118.5	118.1	117.1	118.6	118.3	118.2	119.4	126.9	124.4	130.6	89.7	84.0	114.1	323.7	607.9	407.5
3:28:54	0:58:07	29.0	29.1	30.2	68.0	91.6	117.9	118.6	118.1	117.1	118.6	118.3	118.3	119.2	123.8	124.3	130.6	89.2	84.1	114.2	323.7	608.0	406.0
3:29:54	0:59:07	29.0	29.1	30.1	68.0	91.6	117.9	118.6	118.1	117.2	118.7	118.4	118.3	118.1	120.2	124.3	130.5	88.7	84.1	114.1	323.7	608.0	403.0

EXPOSURE(1) SUMMARY 06/17/2015 12:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:47	1:00:00	29.0	29.1	30.1	68.0	91.7	117.9	118.6	118.1	117.1	118.7	118.4	118.3	119.9	126.1	124.2	130.4	88.2	84.1	114.1	323.7	607.9	401.5

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.8 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 129.2 MAX GAS TEMP: 112.4
END PRESS: 0029.0 MIN PRESS: 0028.7 MIN TEMP: 117.1 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 123.1 MIN GAS TEMP: 085.8
PRESS CHANGE: 000.0 ETO USED 1: 000.1 ETO USED 2: 000.0 MAX VAP TEMP: 132.1
EO USED PHASE: 000.1 EO USED CYCLE:020.3 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/17/2015 12:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:47	0:00:00	29.0	29.1	30.1	68.0	91.7	117.9	118.6	118.1	117.1	118.7	118.4	118.3	119.9	126.1	124.2	130.4	88.2	84.1	114.1	323.7	607.9	401.5
3:31:47	0:01:00	29.0	29.1	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.7	118.4	118.3	118.3	121.1	124.1	130.3	87.9	84.1	114.1	323.7	608.0	400.0
3:32:47	0:02:00	29.0	29.1	30.2	67.9	91.6	117.9	118.6	118.1	117.1	118.6	118.4	118.3	119.6	126.9	124.0	130.3	87.6	84.1	114.1	323.7	608.0	398.4
3:33:47	0:03:00	29.0	29.1	30.1	67.9	91.6	117.9	118.6	118.1	117.1	118.7	118.4	118.3	118.9	122.5	129.2	130.2	87.3	84.1	114.1	323.7	608.0	398.4
3:34:47	0:04:00	29.0	29.1	30.2	67.9	91.6	117.9	118.6	118.1	117.2	118.7	118.4	118.3	117.8	119.7	129.0	130.1	87.1	84.1	114.1	323.7	608.0	396.9
3:35:48	0:05:01	29.0	29.1	30.2	67.9	91.6	117.9	118.6	118.1	117.2	118.7	118.4	118.3	121.1	131.4	128.7	130.0	86.8	84.1	114.1	323.7	608.0	395.4
3:36:48	0:06:01	29.0	29.1	30.2	67.9	91.1	118.1	118.8	118.3	117.3	118.9	118.5	118.4	124.4	140.2	128.7	130.0	86.7	84.2	114.2	323.7	608.0	395.4
3:37:48	0:07:01	29.0	29.1	30.2	68.0	90.6	118.3	119.1	118.5	117.5	119.1	118.7	118.6	120.1	125.4	128.6	129.9	86.3	84.1	114.1	323.7	608.0	393.9
3:38:48	0:08:01	29.0	29.1	30.2	67.9	90.8	118.2	118.8	118.4	117.5	119.1	118.7	118.6	116.9	116.2	128.4	129.8	86.2	84.2	114.1	323.7	607.9	392.4
3:39:48	0:09:01	29.0	29.1	30.1	68.0	91.1	118.1	118.8	118.3	117.4	118.9	118.5	118.5	116.7	115.5	128.4	129.7	86.0	84.2	114.1	323.7	607.9	392.4
3:40:48	0:10:01	29.0	29.0	30.1	67.9	91.3	118.0	118.7	118.2	117.3	118.7	118.5	118.4	116.7	116.0	128.3	129.7	85.9	84.1	114.1	323.7	608.0	392.4
3:41:48	0:11:01	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.6	116.4	128.2	129.6	85.8	84.1	114.0	323.7	608.0	390.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000132

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

3:42:48	0:12:01	28.9	29.0	30.1	68.0	91.7	117.9	118.5	118.1	117.1	118.6	118.4	118.3	120.0	127.2	128.1	129.5	85.7	84.1	114.0	323.7	608.0	390.9
3:43:48	0:13:01	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.7	118.4	118.3	118.1	121.0	128.0	129.4	85.7	84.2	114.0	323.7	608.0	389.4
3:44:49	0:14:01	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.7	118.5	118.4	121.9	134.0	127.9	129.4	85.6	84.2	114.1	323.7	608.0	389.4
3:45:49	0:15:02	28.9	29.0	30.1	67.9	90.9	118.2	118.8	118.4	117.4	119.0	118.6	118.5	122.9	134.3	127.7	129.3	85.6	84.2	114.1	323.7	608.0	387.9
3:46:49	0:16:02	28.9	29.0	30.1	68.0	90.8	118.3	118.9	118.4	117.5	119.1	118.7	118.6	117.8	119.5	127.8	129.2	85.3	84.3	114.1	323.7	608.0	386.4
3:47:49	0:17:02	28.9	29.0	30.1	68.0	91.0	118.2	118.8	118.4	117.4	118.8	118.5	118.5	116.6	115.6	127.7	129.1	85.3	84.2	114.0	323.7	607.9	386.5
3:48:49	0:18:02	28.9	29.0	30.1	68.0	91.3	118.0	118.7	118.2	117.3	118.7	118.5	118.5	116.5	115.7	127.4	129.1	85.3	84.2	114.0	323.7	608.0	386.4
3:49:49	0:19:02	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	116.4	116.2	127.4	129.0	85.3	84.2	113.9	323.7	607.9	384.9
3:50:49	0:20:02	28.9	29.0	30.1	67.9	91.7	117.9	118.5	118.1	117.1	118.6	118.4	118.3	119.6	127.9	127.3	128.9	85.1	84.2	114.0	323.7	608.0	384.9
3:51:49	0:21:02	28.9	29.0	30.1	67.9	91.7	117.9	118.5	118.1	117.1	118.6	118.4	118.3	118.3	122.1	127.3	128.8	85.1	84.3	114.0	323.7	608.0	383.4
3:52:49	0:22:02	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	120.0	127.2	127.1	128.8	85.1	84.3	113.9	323.7	608.0	381.9
3:53:50	0:23:02	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	118.2	121.2	127.0	128.7	84.9	84.3	113.9	323.7	608.0	381.8
3:54:50	0:24:03	28.9	29.0	30.1	68.0	91.7	117.9	118.6	118.1	117.1	118.6	118.3	118.3	117.8	122.2	126.9	128.7	85.1	84.3	113.9	323.7	608.0	381.8
3:55:50	0:25:03	28.9	29.0	30.1	67.9	91.5	118.0	118.6	118.2	117.2	118.7	118.4	118.4	119.2	124.3	126.9	128.6	84.9	84.3	113.9	323.7	608.0	381.8
3:56:50	0:26:03	28.9	29.0	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	118.0	120.2	126.8	128.5	84.8	84.3	113.9	323.7	607.9	381.8
3:57:50	0:27:03	28.9	29.0	30.1	68.0	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	120.3	127.2	126.7	128.4	84.8	84.3	113.9	323.7	608.0	380.4
3:58:50	0:28:03	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.4	121.5	126.7	128.3	84.8	84.4	113.9	323.7	608.0	380.4
3:59:50	0:29:03	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.7	118.5	118.3	117.7	119.2	126.6	128.2	84.8	84.3	113.9	323.7	608.0	378.8
4:00:50	0:30:03	28.9	29.0	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.4	118.3	119.2	126.1	126.5	128.2	84.8	84.3	113.8	323.7	608.0	377.4
4:01:50	0:31:03	28.9	29.0	30.1	67.9	91.3	118.0	118.7	118.2	117.3	118.8	118.5	118.4	121.0	129.5	126.5	128.1	84.8	84.3	113.9	323.7	608.0	377.3
4:02:51	0:32:04	28.9	29.0	30.1	67.9	91.1	118.1	118.8	118.3	117.4	118.8	118.5	118.4	118.1	120.2	126.3	128.1	84.8	84.3	113.8	323.7	608.0	377.3
4:03:51	0:33:04	28.9	29.0	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	116.3	115.6	126.2	128.0	84.8	84.3	113.8	323.7	608.0	375.9
4:04:51	0:34:04	28.8	29.0	30.1	67.5	91.1	117.9	118.5	118.1	117.1	118.6	118.4	118.3	117.4	121.3	126.2	127.9	84.8	84.3	113.8	323.7	608.0	375.9
4:05:51	0:35:04	28.9	29.0	30.1	67.5	90.9	117.9	118.6	118.1	117.2	118.6	118.4	118.3	119.0	124.3	126.1	127.8	84.7	84.3	113.8	323.7	608.0	375.8
4:06:51	0:36:04	28.9	29.0	30.1	68.0	91.7	117.9	118.5	118.1	117.2	118.6	118.4	118.3	117.8	122.0	126.0	127.7	84.7	84.3	113.8	323.7	607.9	375.8
4:07:51	0:37:04	28.8	29.0	30.1	67.5	90.9	117.9	118.6	118.1	117.2	118.7	118.4	118.4	119.2	124.3	125.9	127.7	84.7	84.3	113.8	323.7	608.0	372.8
4:08:51	0:38:04	28.8	28.9	30.1	67.5	91.1	117.9	118.6	118.1	117.1	118.7	118.4	118.3	117.8	120.1	125.9	127.6	84.7	84.3	113.7	323.7	608.0	372.9
4:09:51	0:39:04	28.8	28.9	30.1	68.0	91.4	118.0	118.7	118.2	117.2	118.7	118.5	118.4	122.1	134.6	125.8	127.5	84.6	84.3	113.8	323.7	608.0	372.9
4:10:51	0:40:04	28.8	28.9	30.1	67.5	90.3	118.2	118.8	118.4	117.4	119.0	118.7	118.6	122.2	132.1	125.8	127.5	84.7	84.4	113.8	323.7	608.0	371.3
4:11:52	0:41:04	28.8	28.9	30.1	67.5	90.1	118.3	118.9	118.5	117.5	119.0	118.7	118.6	117.6	118.6	125.6	127.4	84.6	84.3	113.7	323.7	608.0	371.3
4:12:52	0:42:05	28.8	28.9	30.1	67.5	90.5	118.1	118.8	118.3	117.4	118.9	118.7	118.6	116.5	115.5	125.5	127.4	84.6	84.3	113.7	323.7	608.0	369.8
4:13:52	0:43:05	28.8	28.9	30.1	67.9	91.4	118.0	118.6	118.2	117.3	118.8	118.5	118.5	116.5	115.7	125.4	127.3	84.6	84.4	113.7	323.7	608.0	369.8
4:14:52	0:44:05	28.8	28.9	30.1	67.9	91.6	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.4	116.1	125.4	127.2	84.6	84.4	113.7	323.7	607.9	369.8
4:15:52	0:45:05	28.8	28.9	30.1	67.9	91.6	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.3	128.4	125.3	127.1	84.4	84.4	113.7	323.7	608.0	369.8
4:16:52	0:46:05	28.8	28.9	30.1	67.9	91.4	118.0	118.6	118.2	117.3	118.8	118.5	118.4	118.2	121.6	125.3	127.1	84.6	84.4	113.7	323.7	608.0	368.2
4:17:52	0:47:05	28.8	28.9	30.1	67.9	91.7	117.9	118.5	118.1	117.1	118.6	118.4	118.3	117.4	118.9	125.1	127.0	84.6	84.4	113.6	323.7	608.0	368.3
4:18:52	0:48:05	28.8	28.9	30.1	67.5	90.9	117.9	118.6	118.1	117.2	118.7	118.4	118.4	122.0	134.5	125.0	126.9	84.6	84.3	113.6	323.7	607.9	366.8
4:19:52	0:49:05	28.8	28.9	30.1	67.9	90.9	118.2	118.8	118.4	117.4	118.9	118.6	118.6	123.6	136.5	125.0	126.9	84.6	84.4	113.7	323.7	608.0	366.7
4:20:52	0:50:05	28.8	28.9	30.1	67.9	90.8	118.3	118.9	118.4	117.5	119.1	118.8	118.7	118.3	120.6	124.9	126.7	84.6	84.4	113.7	323.7	608.0	366.8
4:21:53	0:51:06	28.8	28.9	30.1	67.9	90.8	118.2	118.8	118.4	117.5	119.0	118.7	118.6	116.6	115.7	124.8	126.7	84.6	84.5	113.6	323.7	608.0	366.8
4:22:53	0:52:06	28.8	28.9	30.1	68.0	91.2	118.1	118.7	118.3	117.4	118.8	118.6	118.5	116.5	115.7	124.7	126.7	84.6	84.4	113.5	323.7	608.0	365.2
4:23:53	0:53:06	28.8	28.9	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.4	116.1	124.7	126.6	84.6	84.5	113.6	323.7	608.0	365.3
4:24:53	0:54:06	28.8	28.9	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.4	117.6	124.6	126.6	84.7	84.5	113.6	323.7	607.9	363.8
4:25:53	0:55:06	28.8	28.9	30.1	68.0	91.6	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.8	127.0	124.5	126.4	84.6	84.5	113.5	323.7	608.0	363.8
4:26:53	0:56:06	28.8	28.9	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.6	118.4	118.3	117.8	120.8	124.4	126.4	84.6	84.6	113.5	323.7	608.0	363.8
4:27:53	0:57:06	28.8	28.9	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.3	127.3	124.4	126.3	84.6	84.6	113.6	323.7	608.0	363.7
4:28:53	0:58:06	28.8	28.9	30.1	67.9	91.5	118.0	118.6	118.2	117.2	118.7	118.5	118.4	119.4	125.1	124.3	126.3	84.6	84.6	113.5	323.7	608.0	363.8
4:29:54	0:59:06	28.8	28.9	30.1	67.9	91.3	118.0	118.7	118.2	117.3	118.7	118.5	118.4	118.1	120.6	124.2	126.2	84.7	84.6	113.5	323.7	607.9	363.7
4:30:54	1:00:07	28.8	28.9	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.5	118.4	117.5	118.8	124.1	126.1	84.6	84.7	113.5	323.7	608.0	362.3
4:31:54	1:01:07	28.8	28.9	30.1	67.9	91.6	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.1	118.0	124.1	126.0	84.6	84.7	113.5	323.7	607.9	362.3
4:32:54	1:02:07	28.8	28.9	30.1	67.5	91.2	117.8	118.3	118.1	117.1	118.6	118.4	118.3	117.6	122.1	129.1	126.0	84.6	84.7	113.5	323.7	608.0	362.3
4:33:54	1:03:07	28.8	28.9	30.1	67.9	91.6	117.9	118.6	118.1	117.2	118.6	118.4	118.3	119.2	124.6	129.0	125.9	84.6	84.7	113.5	323.7	608.0	362.2
4:34:54	1:04:07	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.8	120.2	128.8	125.9	84.7	84.7	113.4	323.7	608.0	362.3
4:35:54	1:05:07	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.3	121.2	132.4	128.7	125.8	84.6	84.8	113.5	323.7	608.0	360.7
4:36:54	1:06:07	28.8	28.9	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.6	123.8	138.0	128.6	125.8	84.7	84.7	113.5	323.7	608.0	360.8
4:37:54	1:07:07	28.8	28.9	30.1	68.0	90.7	118.3	118.9	118.5	117.5	119.1	118.8	118.6	118.6	121.6	128.5	125.7	84.6	84.7	113.5	323.7	608.0	360.8
4:38:55	1:08:08	28.8	28.9	30.1	67.5	90.3	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.6	115.7	128.4	125.6	84.7	84.7	113.5	323.7	608.0	360.8
4:39:55	1:09:08	28.8	28.9	30.1	67.9	91.2	118.1	118.7	118.3	117.3	118.8	118.6	118.5	116.5	115.6	128.4	125.5	84.7	84.7	113.4	323.7	608.0	359.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000133

4:40:55	1:10:08	28.8	28.9	30.1	67.9	91.4	118.0	118.6	118.2	117.3	118.7	118.5	118.5	116.4	116.0	128.2	125.5	84.7	84.7	113.4	323.7	608.0	359.2
4:41:55	1:11:08	28.8	28.9	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.4	116.3	128.2	125.5	84.7	84.7	113.4	323.7	608.0	359.3
4:42:55	1:12:08	28.8	28.9	30.1	67.9	91.7	117.9	118.5	118.1	117.1	118.6	118.4	118.4	120.0	128.2	128.1	125.4	84.7	84.8	113.4	323.7	608.0	359.3
4:43:55	1:13:08	28.8	28.9	30.1	67.5	90.9	117.9	118.6	118.1	117.2	118.6	118.4	118.3	118.0	121.4	128.0	125.3	84.7	84.8	113.4	323.7	608.0	359.3
4:44:55	1:14:08	28.8	28.9	30.1	67.4	90.7	118.0	118.6	118.2	117.2	118.6	118.5	118.3	120.1	128.4	127.9	125.2	84.7	84.8	113.4	323.7	608.0	359.2
4:45:55	1:15:08	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.3	121.9	127.9	125.2	84.7	84.8	113.4	323.7	607.9	359.6
4:46:55	1:16:08	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.6	119.3	127.8	125.1	84.7	84.9	113.4	323.7	608.0	357.7
4:47:56	1:17:08	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	118.2	127.7	125.0	84.7	84.8	113.4	323.7	607.9	357.8
4:48:56	1:18:09	28.8	28.9	30.1	67.5	91.0	117.9	118.5	118.2	117.1	118.6	118.4	118.3	120.4	130.3	127.6	125.0	84.7	84.9	113.4	323.7	607.9	357.7
4:49:56	1:19:09	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	119.0	124.1	127.6	124.9	84.7	84.9	113.4	323.7	608.0	356.3
4:50:56	1:20:09	28.8	28.9	30.1	67.9	91.5	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.0	120.3	127.4	124.9	84.8	84.9	113.4	323.7	608.0	356.2
4:51:56	1:21:09	28.8	28.9	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.4	118.7	127.4	124.8	84.7	84.9	113.3	323.7	608.0	356.2
4:52:56	1:22:09	28.8	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	128.2	127.3	124.8	84.8	84.9	113.3	323.7	608.0	356.3
4:53:56	1:23:09	28.8	28.9	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.9	118.6	118.5	123.6	138.3	127.1	124.7	84.8	84.9	113.4	323.7	608.0	356.3
4:54:56	1:24:09	28.8	28.9	30.1	68.0	90.9	118.2	118.8	118.4	117.5	119.0	118.7	118.6	118.9	123.0	127.1	124.6	84.8	85.0	113.4	323.7	608.0	356.3
4:55:56	1:25:09	28.8	28.9	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.6	116.1	127.1	124.6	84.8	85.0	113.4	323.7	608.0	354.7
4:56:57	1:26:09	28.8	28.8	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.8	118.6	118.5	116.3	115.6	126.9	124.4	84.7	85.0	113.4	323.7	608.0	354.7
4:57:57	1:27:10	28.7	28.8	30.1	67.4	90.7	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.4	116.0	126.9	124.4	84.8	85.0	113.3	323.7	608.0	354.7
4:58:57	1:28:10	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.5	118.4	118.3	116.3	117.4	126.8	124.4	84.8	85.0	113.3	323.7	608.0	354.7
4:59:57	1:29:10	28.7	28.8	30.2	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	127.9	126.6	124.3	84.8	85.0	113.3	323.7	608.0	354.7
5:00:57	1:30:10	28.7	28.8	30.2	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.0	121.2	126.6	124.2	84.8	85.0	113.3	323.7	608.0	354.8
5:01:57	1:31:10	28.7	28.8	30.2	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.9	126.4	124.2	84.8	85.0	113.3	323.7	608.0	354.7
5:02:57	1:32:10	28.7	28.8	30.2	67.5	90.9	118.0	118.6	118.2	117.2	118.8	118.5	118.4	119.2	124.4	126.4	124.1	84.8	85.1	113.3	323.7	608.0	354.7
5:03:57	1:33:10	28.7	28.8	30.2	67.5	90.6	118.1	118.7	118.3	117.3	118.7	118.6	118.4	118.0	120.4	126.3	124.1	84.8	85.1	113.3	323.7	608.0	354.7
5:04:57	1:34:10	28.7	28.8	30.2	67.5	90.8	118.0	118.6	118.3	117.2	118.7	118.5	118.4	117.5	118.8	126.2	124.0	84.8	85.1	113.2	323.7	608.0	353.2
5:05:58	1:35:10	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	118.0	126.1	123.9	84.8	85.1	113.2	323.7	608.0	353.2
5:06:58	1:36:11	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	126.9	126.1	123.9	84.8	85.2	113.2	323.7	608.0	353.2
5:07:58	1:37:11	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.8	118.5	118.4	121.0	129.8	125.9	123.8	84.8	85.2	113.3	323.7	608.0	353.2
5:08:58	1:38:11	28.7	28.8	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.8	118.6	118.5	118.3	121.2	125.9	123.8	84.8	85.2	113.3	323.7	608.0	353.2
5:09:58	1:39:11	28.7	28.8	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.8	118.6	118.4	116.3	115.6	125.8	123.7	84.8	85.2	113.2	323.7	608.0	353.2
5:10:58	1:40:11	28.7	28.8	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.1	115.5	125.8	123.7	84.9	85.3	113.2	323.7	608.0	353.2
5:11:58	1:41:11	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.3	120.0	128.4	125.7	123.6	84.9	85.3	113.2	323.7	608.0	351.7
5:12:58	1:42:11	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.1	121.5	125.6	123.5	84.8	85.3	113.2	323.7	608.0	351.7
5:13:58	1:43:11	28.7	28.8	30.1	67.5	91.1	117.9	118.5	118.1	117.1	118.6	118.5	118.3	117.8	122.5	125.5	123.5	84.9	85.3	113.2	323.7	608.0	351.7
5:14:59	1:44:12	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	120.3	127.9	125.5	123.4	84.9	85.3	113.2	323.7	608.0	351.8
5:15:59	1:45:12	28.7	28.8	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.8	118.6	118.4	118.3	121.6	125.4	123.3	84.9	85.4	113.2	323.7	608.0	351.7
5:16:59	1:46:12	28.7	28.8	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.8	118.6	118.5	117.7	119.3	125.3	123.3	85.1	85.4	113.2	323.7	608.0	350.2
5:17:59	1:47:12	28.7	28.8	30.1	67.5	90.8	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.3	118.4	125.3	123.3	85.1	85.4	113.2	323.7	608.0	350.1
5:18:59	1:48:12	28.7	28.8	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.0	119.2	125.1	123.2	85.1	85.4	113.2	323.7	608.0	350.2
5:19:59	1:49:12	28.7	28.8	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.5	118.4	122.2	135.4	125.0	123.2	85.1	85.4	113.2	323.7	607.9	350.2
5:20:59	1:50:12	28.7	28.8	30.1	67.5	90.3	118.2	118.8	118.4	117.5	119.0	118.7	118.6	121.6	131.1	125.0	123.1	85.1	85.5	113.3	323.7	608.0	350.2
5:21:59	1:51:12	28.7	28.8	30.1	67.5	90.1	118.3	118.9	118.5	117.5	119.0	118.8	118.6	117.3	118.1	125.0	123.0	85.1	85.5	113.2	323.7	608.0	350.2
5:23:00	1:52:13	28.7	28.8	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.5	115.6	124.9	123.0	85.1	85.5	113.2	323.7	607.9	350.2
5:24:00	1:53:13	28.7	28.8	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.8	118.6	118.5	116.4	115.9	124.8	122.9	85.1	85.6	113.3	323.7	608.0	350.2
5:25:00	1:54:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.4	116.2	124.7	122.8	85.1	85.6	113.2	323.7	607.9	350.2
5:26:00	1:55:13	28.7	28.8	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.4	127.7	124.7	122.8	85.1	85.6	113.2	323.7	608.0	350.2
5:27:00	1:56:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.3	122.6	124.5	122.7	85.1	85.6	113.2	323.7	607.9	350.2
5:28:00	1:57:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.4	119.3	124.5	122.7	85.3	85.6	113.2	323.7	608.0	350.2
5:29:00	1:58:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.6	130.2	124.5	122.6	85.3	85.6	113.2	323.7	608.0	348.7
5:30:00	1:59:13	28.7	28.8	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.8	118.6	118.5	118.7	122.9	124.3	122.6	85.3	85.7	113.2	323.7	608.0	348.6
5:31:00	2:00:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.8	119.7	124.3	122.5	85.3	85.7	113.2	323.7	608.0	348.7
5:32:00	2:01:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.6	118.4	117.2	118.4	124.2	122.4	85.3	85.7	113.2	323.7	608.0	348.8
5:33:01	2:02:13	28.7	28.8	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.3	116.9	117.8	124.2	122.4	85.3	85.6	113.1	323.7	608.0	348.8
	BEGIN GAS ADDITION (4) (cmappa)					06/17/2015 14:42:49																	
5:33:42	2:02:55	28.7	28.8	30.1	67.5	91.1	117.9	118.3	118.2	117.1	118.5	118.4	118.3	116.8	117.5	129.3	122.3	85.3	85.7	113.1	323.7	608.0	348.7
	END GAS ADDITION (4) (cmappa)					06/17/2015 14:43:01																	
5:33:55	2:03:08	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	120.3	129.4	122.3	85.9	85.7	113.1	323.7	608.0	348.8
5:34:01	2:03:14	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.7	122.6	129.4	122.3	87.1	85.7	113.1	323.7	607.9	350.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000134

5:35:01	2:04:14	29.0	29.1	30.1	68.0	91.3	118.0	118.6	118.3	117.3	118.8	118.6	118.4	122.6	136.6	129.2	122.3	89.2	85.7	113.2	323.7	607.9	351.7
5:36:01	2:05:14	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.5	119.6	125.8	129.0	122.1	88.7	85.7	113.2	323.7	608.0	350.2
5:37:01	2:06:14	29.0	29.1	30.1	67.5	90.3	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.6	116.6	128.8	122.2	88.4	85.6	113.1	323.7	608.0	347.2
5:38:01	2:07:14	29.0	29.1	30.1	67.5	90.5	118.1	118.7	118.3	117.4	118.8	118.6	118.5	116.3	115.6	128.9	122.1	87.9	85.6	113.1	323.7	608.0	347.2
5:39:01	2:08:14	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.3	115.9	129.2	122.1	87.6	85.7	113.1	323.7	608.0	345.7
5:40:01	2:09:14	29.0	29.1	30.1	67.0	90.6	117.8	118.3	118.1	117.1	118.6	118.5	118.3	117.6	122.9	129.0	122.0	87.3	85.7	113.1	323.7	608.0	345.6
5:41:01	2:10:14	29.0	29.1	30.1	67.2	90.4	118.0	118.6	118.2	117.2	118.6	118.5	118.3	118.9	124.6	128.7	121.9	87.1	85.6	113.1	323.7	608.0	345.6
5:42:02	2:11:15	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.8	122.5	128.6	121.8	86.9	85.7	113.1	323.7	608.0	345.6
5:43:02	2:12:15	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.5	118.4	119.9	126.9	128.5	121.8	86.7	85.7	113.0	323.7	607.9	345.7
5:44:02	2:13:15	29.0	29.1	30.1	67.5	90.6	118.1	118.7	118.3	117.3	118.8	118.6	118.4	118.3	121.3	128.4	121.8	86.7	85.7	113.1	323.7	608.0	345.7
5:45:02	2:14:15	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.6	118.4	116.5	116.2	128.3	121.7	86.5	85.7	113.0	323.7	608.0	345.7
5:46:02	2:15:15	29.0	29.1	30.1	67.1	90.3	117.9	118.5	118.2	117.2	118.5	118.5	118.3	114.6	112.6	128.2	121.6	86.3	85.7	113.0	323.7	608.0	345.5
5:47:02	2:16:15	29.0	29.1	30.1	67.5	91.2	117.8	118.3	118.1	117.1	118.5	118.4	118.3	119.8	128.6	128.1	121.6	86.3	85.7	113.0	323.7	608.0	345.7
5:48:02	2:17:15	29.0	29.1	30.1	67.0	90.6	117.8	118.3	118.1	117.1	118.6	118.4	118.3	117.8	123.2	128.0	121.5	86.2	85.7	113.0	323.7	607.9	344.1
5:49:02	2:18:15	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	124.3	127.9	121.5	86.2	85.7	113.0	323.7	607.9	344.2
5:50:02	2:19:15	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.6	119.8	127.7	121.4	86.0	85.7	112.9	323.7	607.9	344.1
5:51:03	2:20:15	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	118.6	127.6	121.4	86.0	85.7	113.0	323.7	608.0	344.1
5:52:03	2:21:16	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.1	117.2	118.6	118.4	118.3	119.6	125.8	127.5	121.3	85.9	85.6	112.9	323.7	607.9	344.1
5:53:03	2:22:16	29.0	29.1	30.1	67.0	90.3	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	120.6	127.5	121.2	85.9	85.7	112.9	323.7	607.9	344.1
5:54:03	2:23:16	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.3	118.7	127.5	121.2	85.9	85.7	113.0	323.7	608.0	344.2
5:55:03	2:24:16	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	121.7	133.7	127.3	121.1	85.8	85.7	112.9	323.7	607.9	344.2
5:56:03	2:25:16	29.0	29.1	30.1	67.1	89.8	118.2	118.8	118.4	117.4	118.9	118.7	118.5	121.7	131.4	127.3	121.1	85.8	85.7	112.9	323.7	608.0	344.2
5:57:03	2:26:16	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	119.0	118.7	118.6	117.2	118.1	127.2	121.0	85.8	85.7	112.9	323.7	608.0	344.2
5:58:03	2:27:16	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.8	118.7	118.6	116.4	115.6	127.1	121.0	85.8	85.8	112.9	323.7	607.9	344.2
5:59:04	2:28:16	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.6	118.5	116.4	115.8	127.1	121.0	85.8	85.7	112.9	323.7	608.0	343.8
6:00:04	2:29:17	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.3	116.2	127.0	120.8	85.8	85.7	112.9	323.7	608.0	342.7
6:01:04	2:30:17	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.3	128.3	126.9	120.8	85.7	85.7	112.9	323.7	607.9	344.2
6:02:04	2:31:17	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.5	118.4	118.1	121.4	126.7	120.8	85.7	85.7	112.9	323.7	608.0	344.2
6:03:04	2:32:17	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.3	118.8	126.6	120.7	85.7	85.7	112.9	323.7	607.9	342.6
6:04:04	2:33:17	29.0	29.1	30.1	67.5	91.2	117.8	118.3	118.1	117.1	118.6	118.5	118.4	117.1	120.4	126.6	120.5	85.6	85.7	112.8	323.7	608.0	342.7
6:05:04	2:34:17	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.3	117.2	118.7	118.5	118.4	122.3	135.8	126.6	120.6	85.7	85.7	112.8	323.7	608.0	342.7
6:06:04	2:35:17	29.0	29.1	30.1	67.5	90.3	118.2	118.8	118.4	117.5	119.0	118.7	118.6	122.4	133.4	126.4	120.5	85.7	85.7	112.8	323.7	607.9	342.7
6:07:04	2:36:17	29.0	29.1	30.1	67.5	90.1	118.3	118.9	118.5	117.5	119.1	118.8	118.7	117.7	119.1	126.4	120.5	85.7	85.7	112.9	323.7	608.0	342.7
6:08:05	2:37:17	29.0	29.1	30.1	67.5	90.3	118.2	118.8	118.4	117.5	118.9	118.8	118.7	116.5	115.6	126.3	120.4	85.7	85.6	112.8	323.7	607.9	342.7
6:09:05	2:38:18	29.0	29.1	30.1	67.5	90.5	118.1	118.7	118.4	117.4	118.8	118.6	118.6	116.5	115.9	126.2	120.4	85.7	85.6	112.8	323.7	607.9	342.7
6:10:05	2:39:18	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.6	118.5	116.4	116.2	126.1	120.3	85.7	85.7	112.8	323.7	608.0	342.7
6:11:05	2:40:18	29.0	29.1	30.1	67.5	91.0	117.9	118.3	118.2	117.2	118.6	118.5	118.4	116.2	116.7	125.9	120.2	85.6	85.6	112.7	323.7	607.9	342.7
6:12:05	2:41:18	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.6	127.0	125.9	120.2	85.7	85.7	112.8	323.7	607.9	342.7
6:13:05	2:42:18	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.6	118.5	118.4	117.8	120.8	125.9	120.1	85.7	85.7	112.8	323.7	607.9	342.7
6:14:05	2:43:18	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.4	121.2	125.8	120.1	85.6	85.7	112.7	323.7	608.0	342.6
6:15:05	2:44:18	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.5	118.4	119.3	125.0	125.7	120.1	85.6	85.6	112.7	323.7	608.0	342.7
6:16:06	2:45:18	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.6	118.4	117.8	120.4	125.7	120.0	85.6	85.6	112.7	323.7	608.0	342.7
6:17:06	2:46:19	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.6	118.5	118.4	117.3	118.6	125.5	119.8	85.4	85.7	112.7	323.7	607.9	342.7
6:18:06	2:47:19	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	117.8	125.4	119.8	85.6	85.6	112.7	323.7	607.9	342.6
6:19:06	2:48:19	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.0	127.3	125.3	119.8	85.4	85.6	112.7	323.7	608.0	342.6
6:20:06	2:49:19	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.5	118.4	119.6	126.3	125.2	119.8	85.6	85.6	112.7	323.7	608.0	342.6
6:21:06	2:50:19	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.7	118.5	118.4	117.6	119.4	125.1	119.7	85.6	85.6	112.7	323.7	608.0	341.1
6:22:06	2:51:19	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.9	115.2	125.0	119.7	85.6	85.6	112.6	323.7	608.0	341.1
6:23:06	2:52:19	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.4	118.3	119.8	128.4	125.1	119.7	85.6	85.7	112.7	323.7	607.9	341.2
6:24:06	2:53:19	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.2	122.2	125.0	119.6	85.4	85.6	112.6	323.7	608.0	341.1
6:25:07	2:54:19	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.2	119.0	124.8	119.5	85.4	85.6	112.5	323.7	608.0	341.1
6:26:07	2:55:20	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.8	131.6	124.7	119.5	85.4	85.6	112.6	323.7	607.9	341.1
6:27:07	2:56:20	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.5	124.0	139.5	124.7	119.5	85.6	85.6	112.6	323.7	608.0	341.2
6:28:07	2:57:20	29.0	29.1	30.1	67.5	89.9	118.4	118.9	118.6	117.6	119.1	118.8	118.7	119.2	123.7	124.6	119.3	85.6	85.7	112.7	323.7	608.0	341.2
6:29:07	2:58:20	29.0	29.1	30.1	67.5	90.2	118.3	118.8	118.5	117.5	119.0	118.7	118.7	116.7	116.0	124.5	119.3	85.4	85.6	112.6	323.7	608.0	341.2
6:30:07	2:59:20	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.5	115.6	124.5	119.3	85.6	85.7	112.6	323.7	608.0	341.2
6:31:07	3:00:20	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.8	118.6	118.5	116.4	116.0	124.3	119.2	85.6	85.7	112.6	323.7	608.0	341.1
6:32:07	3:01:20	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.3	116.2	124.2	119.1	85.4	85.6	112.5	323.7	607.9	341.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000135

6:33:07	3:02:20	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.1	117.2	118.6	118.5	118.3	116.7	120.1	124.1	119.1	85.4	85.6	112.5	323.7	608.0	341.2
6:34:08	3:03:20	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	121.9	135.3	124.1	119.0	85.4	85.6	112.5	323.7	608.0	341.2
6:35:08	3:04:21	29.0	29.1	30.1	67.5	90.2	118.3	118.8	118.5	117.5	118.9	118.7	118.6	123.0	135.4	129.2	122.2	85.4	85.6	113.1	323.7	607.9	341.2
6:36:08	3:05:21	29.0	29.1	30.1	67.5	90.2	118.3	118.8	118.5	117.5	119.0	118.8	118.7	117.8	119.8	129.1	122.1	85.4	85.7	112.9	323.7	608.0	341.4
6:37:08	3:06:21	29.0	29.1	30.1	67.5	90.3	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.4	115.7	128.8	122.1	85.4	85.6	112.8	323.7	607.9	341.2
6:38:08	3:07:21	29.0	29.1	30.1	67.9	91.2	118.1	118.7	118.3	117.4	118.8	118.7	118.5	116.4	115.7	128.9	122.1	85.4	85.7	112.9	323.7	607.9	341.1
6:39:08	3:08:21	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.6	118.5	116.3	116.1	128.6	122.0	85.4	85.7	112.8	323.7	608.0	341.2
6:40:08	3:09:21	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.2	116.2	128.7	122.0	85.6	85.7	112.8	323.7	608.0	341.2
6:41:08	3:10:21	29.0	29.1	30.1	67.5	91.2	117.8	118.3	118.1	117.1	118.5	118.4	118.3	117.8	123.8	128.6	121.9	85.4	85.7	112.8	323.7	607.9	341.1
6:42:08	3:11:21	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.4	118.3	118.9	124.6	128.5	121.9	85.6	85.7	112.9	323.7	608.0	341.1
6:43:08	3:12:21	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.4	119.8	128.4	121.9	85.6	85.7	112.8	323.7	607.9	339.7
6:44:09	3:13:22	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.1	117.2	118.5	118.4	118.3	116.9	120.0	128.3	121.7	85.4	85.7	112.8	323.7	608.0	339.7
6:45:09	3:14:22	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.3	125.5	128.1	121.7	85.4	85.6	112.8	323.7	607.9	339.7
6:46:09	3:15:22	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.8	120.5	128.0	121.7	85.6	85.7	112.8	323.7	608.0	339.7
6:47:09	3:16:22	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.1	117.2	118.6	118.5	118.3	117.1	118.5	127.9	121.6	85.4	85.6	112.8	323.7	608.0	339.7
6:48:09	3:17:22	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.5	133.7	127.9	121.5	85.4	85.6	112.8	323.7	608.0	339.6
6:49:09	3:18:22	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.5	133.9	127.7	121.4	85.4	85.6	112.9	323.7	608.0	339.6
6:50:09	3:19:22	29.0	29.1	30.1	67.5	90.2	118.2	118.8	118.4	117.5	119.0	118.8	118.6	117.6	119.2	127.7	121.4	85.4	85.6	112.9	323.7	608.0	339.6
6:51:09	3:20:22	29.0	29.1	30.1	67.5	90.4	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.4	115.7	127.6	121.4	85.4	85.6	112.8	323.7	608.0	339.6
6:52:10	3:21:22	29.0	29.1	30.1	67.5	90.5	118.1	118.7	118.4	117.4	118.7	118.6	118.5	116.4	115.9	127.5	121.3	85.4	85.6	112.8	323.7	607.9	339.6
6:53:10	3:22:23	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.3	116.1	127.4	121.2	85.4	85.6	112.8	323.7	608.0	339.6
6:54:10	3:23:23	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.1	117.2	118.5	118.5	118.3	116.1	116.2	127.3	121.2	85.4	85.6	112.8	323.7	608.0	339.6
6:55:10	3:24:23	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.8	127.9	127.1	121.1	85.4	85.5	112.8	323.7	607.9	339.7
6:56:10	3:25:23	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.8	121.1	127.2	121.0	85.3	85.5	112.8	323.7	607.9	339.7
6:57:10	3:26:23	29.0	29.1	30.1	67.5	90.9	118.0	118.5	118.2	117.3	118.6	118.4	118.3	117.0	118.6	127.0	121.1	85.4	85.5	112.7	323.7	608.0	339.7
6:58:10	3:27:23	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.5	118.4	118.3	118.4	125.4	126.9	121.0	85.4	85.5	112.7	323.7	608.0	339.7
6:59:10	3:28:23	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	124.3	126.8	120.9	85.4	85.5	112.7	323.7	608.0	339.7
7:00:10	3:29:23	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.6	120.0	126.8	120.8	85.3	85.5	112.7	323.7	608.0	339.7
7:01:11	3:30:24	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.0	118.4	126.6	120.8	85.3	85.4	112.7	323.7	608.0	338.2
7:02:11	3:31:24	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.7	117.6	126.6	120.7	85.3	85.4	112.7	323.7	608.0	338.2
7:03:11	3:32:24	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.2	117.1	118.5	118.4	118.3	119.3	128.0	126.5	120.7	85.3	85.4	112.7	323.7	608.0	338.2
7:04:11	3:33:24	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.7	123.8	126.4	120.6	85.3	85.4	112.7	323.7	608.0	338.2
7:05:11	3:34:24	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.5	119.8	126.3	120.6	85.3	85.4	112.6	323.7	608.0	338.2
7:06:11	3:35:24	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	118.3	126.2	120.6	85.3	85.4	112.7	323.7	608.0	338.2
7:07:11	3:36:24	29.0	29.1	30.1	67.5	91.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	120.0	128.9	126.1	120.5	85.3	85.3	112.6	323.7	608.0	338.1
7:08:11	3:37:24	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.5	118.4	118.4	122.5	126.1	120.4	85.3	85.3	112.6	323.7	608.0	338.1
7:09:11	3:38:24	29.0	29.1	30.1	67.5	90.7	118.0	118.6	118.3	117.3	118.7	118.6	118.4	117.6	119.5	126.0	120.4	85.3	85.2	112.6	323.7	608.0	338.1
7:10:12	3:39:25	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.0	118.2	125.9	120.4	85.3	85.3	112.6	323.7	608.0	338.1
7:11:12	3:40:25	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.7	117.5	125.9	120.2	85.3	85.2	112.5	323.7	607.9	338.1
7:12:12	3:41:25	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	128.4	125.8	120.2	85.3	85.2	112.6	323.7	607.9	338.2
7:13:12	3:42:25	29.0	29.1	30.1	67.5	90.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	118.1	121.7	125.7	120.2	85.3	85.2	112.6	323.7	608.0	338.2
7:14:12	3:43:25	29.0	29.1	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.2	119.0	125.6	120.1	85.1	85.1	112.5	323.7	608.0	338.1
7:15:12	3:44:25	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.9	117.9	125.5	120.1	85.3	85.1	112.5	323.7	607.9	338.1
7:16:12	3:45:25	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.2	133.0	125.5	120.0	85.1	85.1	112.5	323.7	608.0	338.1
7:17:12	3:46:25	29.0	29.1	30.1	67.9	91.0	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.6	134.5	125.4	120.0	85.3	85.0	112.5	323.7	607.9	338.2
7:18:12	3:47:25	29.0	29.1	30.1	67.5	90.2	118.3	118.8	118.5	117.5	119.0	118.8	118.7	117.6	119.4	125.3	119.8	85.1	85.1	112.5	323.7	608.0	338.2
7:19:13	3:48:25	29.0	29.1	30.1	67.9	90.8	118.2	118.8	118.5	117.5	118.9	118.7	118.6	116.4	115.7	125.1	119.8	85.1	85.0	112.4	323.7	607.9	338.2
7:20:13	3:49:26	29.0	29.1	30.1	67.5	90.5	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.3	115.7	125.1	119.8	85.1	85.0	112.4	323.7	607.9	338.1
7:21:13	3:50:26	29.0	29.1	30.1	67.5	90.9	117.9	118.5	118.2	117.2	118.7	118.6	118.5	116.1	115.9	125.0	119.8	85.1	84.9	112.4	323.7	608.0	338.1
7:22:13	3:51:26	29.0	29.1	30.1	67.5	91.0	117.9	118.3	118.2	117.2	118.5	118.5	118.3	116.0	116.0	124.9	119.8	85.1	84.8	112.3	323.7	608.0	338.2
7:23:13	3:52:26	29.0	29.1	30.1	67.5	91.0	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.9	129.1	124.8	119.7	85.1	84.8	112.2	323.7	608.0	338.2
7:24:13	3:53:26	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.8	121.7	124.8	119.6	84.9	84.8	112.3	323.7	608.0	338.1
7:25:13	3:54:26	29.0	29.1	30.1	67.5	90.9	118.0	118.5	118.3	117.2	118.6	118.5	118.3	120.0	129.1	124.7	119.6	84.9	84.7	112.2	323.7	608.0	338.2
7:26:13	3:55:26	29.0	29.1	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	122.6	124.7	119.5	84.8	84.6	112.1	323.7	607.9	338.2
7:27:13	3:56:26	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.4	119.3	124.5	119.3	84.8	84.5	112.1	323.7	607.9	336.6
7:28:14	3:57:26	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	118.0	124.5	119.3	84.8	84.4	112.1	323.7	608.0	338.2
7:29:14	3:58:27	29.0	29.1	30.1	67.5	91.0	117.9	118.3	118.2	117.2	118.6	118.5	118.3	117.5	122.2	124.2	119.3	84.8	84.3	112.0	323.7	608.0	338.1
7:30:14	3:59:27	29.0	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.9	124.7	124.2	119.3	84.7	84.2	112.0	323.7	608.0	338.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000136

7:31:14	4:00:27	28.9	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.6	118.4	117.5	120.0	124.1	119.2	84.7	84.1	111.9	323.7	608.0	336.6
7:32:14	4:01:27	28.9	29.1	30.1	67.5	90.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	120.4	128.7	124.5	119.2	84.6	84.1	111.9	323.7	608.0	336.6
7:33:14	4:02:27	28.9	29.1	30.1	68.0	91.3	118.0	118.6	118.3	117.3	118.7	118.6	118.4	117.6	119.8	129.1	119.3	84.4	83.9	112.0	323.7	607.9	336.7
7:34:14	4:03:27	28.9	29.1	30.1	67.9	91.5	118.0	118.5	118.3	117.2	118.5	118.5	118.3	115.0	113.1	128.8	122.3	84.3	83.8	112.2	323.7	607.9	336.7
7:35:14	4:04:27	28.9	29.1	30.1	67.5	91.4	117.8	118.3	118.1	117.0	118.4	118.4	118.3	118.1	125.6	128.7	122.2	84.3	83.7	112.1	323.7	607.9	336.7
7:36:15	4:05:27	28.9	29.1	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.5	118.4	118.3	118.3	123.4	128.8	122.2	84.2	83.6	112.1	323.7	607.9	336.7
7:37:15	4:06:28	28.9	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.5	118.5	118.3	120.6	131.1	128.6	122.1	84.2	83.5	112.1	323.7	607.9	336.6
7:38:15	4:07:28	28.9	29.1	30.1	67.9	91.4	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.4	122.8	128.4	122.1	84.2	83.4	112.0	323.7	607.9	336.7
7:39:15	4:08:28	28.9	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.3	119.2	128.4	122.0	84.1	83.3	112.0	323.7	607.9	336.7
7:40:15	4:09:28	28.9	29.1	30.1	68.0	91.7	117.9	118.3	118.2	117.2	118.6	118.5	118.3	116.9	117.8	128.2	122.0	83.9	83.2	111.9	323.7	607.9	336.7
7:41:15	4:10:28	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	120.0	128.7	128.1	121.8	83.9	83.1	111.9	323.7	607.9	336.7
7:42:15	4:11:28	28.9	29.1	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	118.2	121.9	127.9	121.8	83.9	83.0	111.8	323.7	607.9	336.6
7:43:15	4:12:28	28.9	29.0	30.1	67.9	91.5	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.2	118.9	127.8	121.7	83.8	82.8	111.8	323.7	607.9	336.7
7:44:15	4:13:28	28.9	29.1	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.3	128.7	127.7	121.7	83.7	82.8	111.8	323.7	607.9	336.7
7:45:15	4:14:28	28.9	29.1	30.1	68.0	91.3	118.0	118.6	118.3	117.3	118.6	118.5	118.4	118.2	121.8	127.6	121.7	83.7	82.6	111.7	323.7	608.0	336.7
7:46:16	4:15:29	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.3	119.0	127.4	121.6	83.6	82.5	111.7	323.7	608.0	336.7
7:47:16	4:16:29	28.9	29.0	30.1	67.5	90.9	118.0	118.6	118.2	117.2	118.7	118.6	118.4	121.2	132.8	127.3	121.5	83.4	82.4	111.6	323.7	607.9	336.7
7:48:16	4:17:29	28.9	29.1	30.1	67.9	91.0	118.2	118.8	118.4	117.4	118.8	118.7	118.5	121.1	129.8	127.2	121.4	83.4	82.3	111.6	323.7	607.9	336.7
7:49:16	4:18:29	28.9	29.1	30.1	68.0	91.0	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.7	117.4	127.1	121.3	83.3	82.2	111.6	323.7	607.9	336.7
7:50:16	4:19:29	28.9	29.0	30.1	68.0	91.1	118.1	118.7	118.4	117.4	118.8	118.7	118.6	116.1	115.5	127.1	121.3	83.3	82.1	111.5	323.7	608.0	336.7
7:51:16	4:20:29	28.9	29.1	30.1	67.9	91.3	118.0	118.6	118.3	117.3	118.6	118.6	118.4	116.0	115.6	127.0	121.2	83.2	81.9	111.5	323.7	608.0	336.7
7:52:16	4:21:29	28.9	29.1	30.1	68.0	91.7	117.9	118.3	118.2	117.1	118.5	118.4	118.3	115.9	115.7	126.8	121.2	83.1	81.9	111.4	323.7	608.0	336.7
7:53:16	4:22:29	28.9	29.1	30.1	67.9	91.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	120.0	129.0	126.9	121.1	83.1	81.8	111.3	323.7	607.9	336.6
7:54:16	4:23:29	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.7	121.3	126.8	121.0	83.0	81.8	111.3	323.7	608.0	336.6
7:55:17	4:24:29	28.9	29.1	30.1	67.9	91.5	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.8	128.8	126.8	121.0	83.0	81.8	111.3	323.7	608.0	336.7
7:56:17	4:25:30	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.7	118.5	118.4	118.3	122.5	126.6	120.9	82.8	81.6	111.2	323.7	608.0	336.7
7:57:17	4:26:30	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.3	119.2	126.5	120.9	82.8	81.6	111.2	323.7	607.9	336.7
7:58:17	4:27:30	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.7	117.8	126.4	120.8	82.8	81.6	111.2	323.7	608.0	336.7
7:59:17	4:28:30	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	129.8	126.3	120.8	82.8	81.4	111.1	323.7	608.0	336.6
8:00:17	4:29:30	28.9	29.0	30.1	67.9	91.1	118.1	118.7	118.4	117.3	118.8	118.6	118.5	123.4	138.5	126.2	120.7	82.7	81.3	111.1	323.7	607.9	336.6
8:01:17	4:30:30	28.9	29.0	30.1	67.9	90.8	118.2	118.8	118.5	117.4	119.0	118.8	118.6	118.6	122.6	126.2	120.6	82.7	81.3	111.1	323.7	608.0	336.7
8:02:17	4:31:30	28.9	29.0	30.1	68.0	90.9	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	116.0	126.0	120.6	82.6	81.3	111.1	323.7	607.9	336.7
8:03:18	4:32:30	28.9	29.0	30.1	68.0	91.3	118.1	118.6	118.4	117.3	118.8	118.7	118.5	116.1	115.4	125.9	120.5	82.5	81.3	111.0	323.7	608.0	336.7
8:04:18	4:33:31	28.9	29.0	30.1	68.0	91.4	118.0	118.5	118.3	117.3	118.6	118.5	118.4	115.9	115.6	125.9	120.4	82.5	81.2	110.9	323.7	607.9	336.7
8:05:18	4:34:31	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.1	118.5	118.4	118.3	117.8	123.8	125.7	120.4	82.5	81.2	110.8	323.7	607.9	336.7
8:06:18	4:35:31	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.6	118.4	118.7	124.3	125.8	120.3	82.3	81.2	110.8	323.7	607.9	336.7
8:07:18	4:36:31	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.2	119.4	125.5	120.3	82.3	81.1	110.8	323.7	608.0	336.8
8:08:18	4:37:31	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.2	118.5	118.5	118.3	116.6	118.0	125.5	120.2	82.3	81.1	110.7	323.7	608.0	336.7
8:09:18	4:38:31	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.6	127.1	125.5	120.1	82.3	81.0	110.7	323.7	608.0	335.2
8:10:18	4:39:31	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.7	118.5	118.4	117.6	120.7	125.3	120.1	82.2	81.0	110.7	323.7	607.9	335.2
8:11:19	4:40:31	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	118.3	125.2	120.0	82.2	81.0	110.6	323.7	608.0	336.7
8:12:19	4:41:32	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.5	118.5	118.3	120.1	128.4	125.3	120.0	82.2	81.0	110.7	323.7	608.0	335.2
8:13:19	4:42:32	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.0	121.5	125.1	119.8	82.1	80.9	110.6	323.7	608.0	336.7
8:14:19	4:43:32	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	118.7	125.0	119.8	82.1	80.8	110.5	323.7	608.0	335.2
8:15:19	4:44:32	28.9	29.0	30.1	68.0	91.7	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.6	117.6	125.0	119.8	82.1	80.8	110.6	323.7	608.0	335.2
8:16:19	4:45:32	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.8	128.9	124.9	119.8	81.9	80.8	110.5	323.7	608.0	335.2
8:17:19	4:46:32	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.3	118.1	122.3	124.8	119.6	81.9	80.8	110.4	323.7	608.0	335.2
8:18:19	4:47:32	28.9	29.0	30.1	68.0	91.7	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.1	119.0	124.8	119.6	81.9	80.7	110.4	323.7	608.0	335.1
8:19:19	4:48:32	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	127.6	124.7	119.5	81.9	80.6	110.3	323.7	608.0	335.1
8:20:20	4:49:32	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.9	124.6	124.5	119.5	81.9	80.7	110.4	323.7	607.9	335.1
8:21:20	4:50:33	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.6	120.0	124.5	119.5	81.8	80.7	110.3	323.7	607.9	335.2
8:22:20	4:51:33	28.9	29.0	30.1	68.0	91.5	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.9	118.2	124.4	119.3	81.7	80.6	110.3	323.7	608.0	335.1
8:23:20	4:52:33	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.5	117.3	124.3	119.3	81.7	80.5	110.3	323.7	608.0	335.2
8:24:20	4:53:33	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.6	123.0	124.2	119.3	81.7	80.5	110.3	323.7	608.0	335.2
8:25:20	4:54:33	28.9	29.0	30.1	68.0	91.7	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	124.6	124.2	119.2	81.7	80.5	110.2	323.7	607.9	335.2
8:26:20	4:55:33	28.9	29.0	30.1	68.0	91.6	117.9	118.6	118.2	117.1	118.5	118.5	118.3	117.3	119.7	124.1	119.2	81.7	80.5	110.2	323.6	607.9	335.2
8:27:20	4:56:33	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.3	130.5	125.0	119.2	81.6	80.4	110.1	323.7	608.0	335.2
8:28:20	4:57:33	28.9	29.0	30.1	67.9	91.0	118.2	118.8	118.4	117.4	118.8	118.6	118.4	122.7	135.4	129.1	122.2	81.6	80.4	111.1	323.7	608.0	335.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000137

8:29:21	4:58:33	28.9	29.0	30.1	68.0	90.8	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.5	119.7	129.0	122.2	81.6	80.4	110.5	323.7	608.0	335.2
8:30:21	4:59:34	28.9	29.0	30.1	68.0	91.2	118.1	118.7	118.4	117.3	118.8	118.7	118.6	116.1	115.6	129.2	122.1	81.4	80.4	110.5	323.7	608.0	335.2
8:31:21	5:00:34	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.9	115.4	128.9	122.1	81.4	80.3	110.4	323.7	608.0	335.2
8:32:21	5:01:34	28.9	29.0	30.1	68.0	91.7	117.9	118.3	118.2	117.2	118.5	118.5	118.3	118.0	124.6	129.1	122.0	81.4	80.2	110.4	323.7	608.0	335.2
8:33:21	5:02:34	28.9	29.0	30.1	68.0	91.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.3	136.6	129.0	122.0	81.4	80.2	110.4	323.7	608.0	335.2
8:34:21	5:03:34	28.9	29.0	30.1	68.0	90.8	118.3	118.8	118.5	117.5	119.0	118.8	118.6	121.1	130.4	128.7	121.9	81.4	80.2	110.4	323.6	608.0	335.2
8:35:21	5:04:34	28.9	29.0	30.1	68.0	90.8	118.3	118.8	118.5	117.5	119.0	118.8	118.7	116.7	117.5	128.7	121.8	81.3	80.1	110.4	323.6	608.0	335.2
8:36:21	5:05:34	28.9	29.0	30.1	68.0	91.0	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.0	115.3	128.7	121.8	81.3	80.1	110.4	323.7	607.9	335.2
8:37:22	5:06:34	28.9	29.0	30.1	68.0	91.3	118.0	118.6	118.3	117.3	118.8	118.7	118.5	115.9	115.4	128.6	121.7	81.2	80.1	110.4	323.7	608.0	335.2
8:38:22	5:07:35	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.8	115.5	128.5	121.6	81.2	80.0	110.3	323.7	608.0	335.2
8:39:22	5:08:35	28.9	29.0	30.1	68.4	92.4	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.6	123.9	128.4	121.5	81.1	79.9	110.2	323.7	608.0	335.2
8:40:22	5:09:35	28.9	29.0	30.1	67.9	91.7	117.9	118.3	118.2	117.1	118.6	118.5	118.3	118.6	124.4	128.4	121.5	81.1	79.9	110.2	323.7	608.0	335.1
8:41:22	5:10:35	28.9	29.0	30.1	68.4	92.0	118.0	118.6	118.3	117.2	118.6	118.6	118.4	120.6	132.1	128.3	121.4	81.1	79.8	110.2	323.7	608.0	335.2
8:42:22	5:11:35	28.9	29.0	30.1	68.0	91.0	118.2	118.8	118.4	117.4	118.9	118.7	118.6	123.2	137.5	128.2	121.4	81.1	79.8	110.2	323.7	608.0	335.2
8:43:22	5:12:35	28.9	29.0	30.1	68.0	90.8	118.3	118.8	118.5	117.5	119.0	118.8	118.7	118.0	120.9	128.1	121.3	81.0	79.8	110.2	323.7	607.9	335.2
8:44:22	5:13:35	28.9	29.0	30.1	67.9	91.0	118.2	118.8	118.4	117.4	118.9	118.8	118.6	116.2	115.7	128.0	121.2	81.0	79.8	110.1	323.6	607.9	335.2
8:45:22	5:14:35	28.9	29.0	30.1	68.4	91.9	118.0	118.6	118.3	117.3	118.8	118.7	118.6	115.9	115.3	127.8	121.1	80.9	79.7	110.1	323.7	608.0	335.2
8:46:23	5:15:35	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.8	115.4	127.7	121.1	80.9	79.6	110.0	323.7	608.0	335.3
8:47:23	5:16:36	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.5	118.4	118.4	118.9	127.2	127.6	121.0	80.8	79.6	110.0	323.7	607.9	335.2
8:48:23	5:17:36	28.9	29.0	30.1	68.0	91.3	118.0	118.6	118.3	117.3	118.6	118.5	118.4	119.2	126.2	127.6	121.0	80.8	79.5	110.0	323.7	608.0	335.2
8:49:23	5:18:36	28.9	29.0	30.1	68.4	92.1	118.0	118.6	118.2	117.2	118.7	118.6	118.4	116.7	118.1	127.6	120.9	80.8	79.5	109.9	323.7	608.0	333.6
8:50:23	5:19:36	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.2	120.0	127.5	120.9	80.8	79.4	109.9	323.7	608.0	335.2
8:51:23	5:20:36	28.9	29.0	30.1	67.9	91.6	117.9	118.5	118.2	117.2	118.5	118.5	118.4	119.0	126.3	127.5	120.8	80.7	79.4	109.8	323.7	608.0	333.6
8:52:23	5:21:36	28.9	29.0	30.1	68.0	91.6	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.9	127.4	127.4	120.7	80.6	79.3	109.9	323.7	608.0	335.2
8:53:23	5:22:36	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	123.0	127.4	120.7	80.6	79.3	109.8	323.7	608.0	333.7
8:54:24	5:23:36	28.9	29.0	30.1	68.0	91.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	119.0	127.3	120.6	80.6	79.3	109.8	323.7	608.0	335.2
8:55:24	5:24:37	28.9	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.5	118.4	118.4	116.9	120.5	127.1	120.5	80.5	79.1	109.7	323.7	607.9	333.7
8:56:24	5:25:37	28.9	29.0	30.1	68.4	92.1	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.9	135.4	127.1	120.5	80.4	79.1	109.7	323.7	608.0	333.6
8:57:24	5:26:37	28.9	29.0	30.1	68.4	91.4	118.3	118.8	118.5	117.5	119.0	118.7	118.7	121.8	132.4	127.1	120.4	80.4	79.1	109.7	323.7	607.9	333.7
8:58:24	5:27:37	28.9	29.0	30.1	68.4	91.4	118.3	118.8	118.5	117.5	119.0	118.8	118.7	117.1	118.2	127.1	120.3	80.4	79.0	109.7	323.7	608.0	333.7
8:59:24	5:28:37	28.9	29.0	30.1	68.4	91.7	118.1	118.7	118.4	117.4	118.8	118.7	118.6	116.0	115.3	126.9	120.2	80.3	79.0	109.7	323.7	608.0	333.7
9:00:24	5:29:37	28.9	29.0	30.1	68.4	91.9	118.0	118.6	118.3	117.3	118.7	118.6	118.6	115.9	115.3	126.9	120.2	80.3	78.9	109.6	323.7	608.0	333.7
9:01:24	5:30:37	28.9	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.6	118.5	118.4	115.7	115.4	126.8	120.1	80.2	78.9	109.5	323.7	608.0	333.6
9:02:24	5:31:37	28.9	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.5	118.4	118.3	119.9	129.9	126.7	120.1	80.2	78.8	109.5	323.7	608.0	333.7
9:03:25	5:32:37	28.9	29.0	30.1	68.4	91.9	118.0	118.6	118.3	117.3	118.6	118.6	118.5	118.1	122.4	126.7	120.0	80.2	78.8	109.5	323.7	608.0	333.8
9:04:25	5:33:38	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	118.7	126.6	119.8	80.1	78.7	109.4	323.7	608.0	333.7
9:05:25	5:34:38	28.9	29.0	30.1	68.4	92.4	117.8	118.3	118.1	117.1	118.5	118.4	118.3	116.4	117.2	126.6	119.8	80.1	78.7	109.4	323.7	608.0	333.7
9:06:25	5:35:38	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.6	127.6	126.5	119.8	80.0	78.6	109.3	323.6	607.9	333.8
9:07:25	5:36:38	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.6	120.7	126.5	119.8	80.0	78.6	109.3	323.7	608.0	333.6
9:08:25	5:37:38	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.0	129.9	126.4	119.7	80.0	78.5	109.3	323.7	607.9	332.1
9:09:25	5:38:38	28.9	29.0	30.1	68.4	91.7	118.1	118.7	118.4	117.4	118.8	118.7	118.6	123.3	138.5	126.3	119.6	79.9	78.5	109.3	323.7	608.0	333.7
9:10:25	5:39:38	28.9	29.0	30.1	68.9	92.1	118.2	118.8	118.4	117.5	119.0	118.8	118.7	118.4	122.5	126.2	119.6	79.8	78.5	109.3	323.7	608.0	333.7
9:11:25	5:40:38	28.9	29.0	30.1	68.4	91.6	118.2	118.8	118.4	117.5	118.8	118.7	118.6	116.2	115.8	126.3	119.5	79.8	78.5	109.2	323.7	608.0	333.7
9:12:26	5:41:38	28.9	29.0	30.1	68.4	91.9	118.1	118.7	118.3	117.3	118.7	118.6	118.5	115.9	115.2	126.2	119.5	79.8	78.4	109.2	323.7	608.0	332.2
9:13:26	5:42:39	28.9	29.0	30.1	68.4	92.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	115.8	115.3	126.1	119.3	79.8	78.4	109.1	323.7	608.0	333.7
9:14:26	5:43:39	28.9	29.0	30.1	68.9	93.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	116.7	120.8	126.0	119.3	79.7	78.4	109.1	323.7	608.0	332.2
9:15:26	5:44:39	28.9	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.6	118.5	118.4	119.0	125.9	126.0	119.3	79.7	78.3	109.1	323.7	608.0	331.9
9:16:26	5:45:39	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.0	130.5	125.9	119.2	79.6	78.3	109.0	323.7	608.0	332.2
9:17:26	5:46:39	28.9	29.0	30.1	68.4	91.6	118.2	118.8	118.4	117.4	118.8	118.6	118.5	123.3	138.8	125.9	119.2	79.6	78.2	109.0	323.7	607.9	332.2
9:18:26	5:47:39	28.9	29.0	30.1	68.4	91.4	118.3	118.8	118.5	117.5	119.0	118.8	118.7	118.6	122.8	126.0	122.3	79.6	78.2	109.8	323.6	608.0	332.2
9:19:26	5:48:39	28.9	29.0	30.1	68.9	92.0	118.2	118.8	118.5	117.5	118.9	118.7	118.7	116.3	115.9	125.9	122.3	79.6	78.2	109.3	323.7	607.9	332.1
9:20:26	5:49:39	28.9	29.0	30.1	68.4	91.7	118.1	118.7	118.4	117.4	118.7	118.6	118.6	115.9	115.1	125.8	122.1	79.5	78.2	109.3	323.7	608.0	332.2
9:21:26	5:50:39	28.9	29.0	30.1	68.4	92.1	118.0	118.5	118.2	117.3	118.6	118.6	118.5	115.7	115.3	125.9	122.1	79.4	78.2	109.3	323.7	608.0	332.2
9:22:27	5:51:39	28.9	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.5	118.4	118.4	117.6	123.7	125.7	122.1	79.4	78.1	109.2	323.7	608.0	332.2
9:23:27	5:52:40	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.8	124.9	125.7	122.0	79.4	78.1	109.3	323.7	607.9	332.2
9:24:27	5:53:40	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.1	119.4	125.6	122.0	79.4	78.1	109.2	323.7	608.0	332.2
9:25:27	5:54:40	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.5	123.0	125.5	121.9	79.3	78.0	109.2	323.7	608.0	332.2
9:26:27	5:55:40	28.9	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.3	118.6	118.5	118.4	119.6	127.1	125.5	121.8	79.3	78.0	109.2	323.7	608.0	332.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000138

9:27:27	5:56:40	28.9	29.0	30.1	68.4	92.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	117.7	120.7	125.5	121.8	79.3	77.9	109.2	323.7	607.9	332.2
9:28:27	5:57:40	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.8	118.2	125.5	121.6	79.2	77.9	109.1	323.7	608.0	332.2
9:29:27	5:58:40	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.7	123.2	125.4	121.7	79.3	77.9	109.1	323.7	607.9	332.2
9:30:27	5:59:40	28.9	29.0	30.1	68.4	91.9	118.0	118.6	118.3	117.3	118.7	118.5	118.5	122.2	136.4	125.4	121.5	79.2	77.9	109.1	323.7	608.0	332.1
9:31:27	6:00:40	28.9	29.0	30.1	68.9	92.3	118.2	118.8	118.4	117.4	119.0	118.8	118.7	120.0	127.6	125.3	121.5	79.2	77.9	109.2	323.7	608.0	332.2
9:32:28	6:01:40	28.9	29.0	30.1	68.9	92.1	118.2	118.8	118.5	117.5	118.9	118.7	118.6	116.4	116.7	125.3	121.4	79.2	77.8	109.1	323.7	608.0	332.2
9:33:28	6:02:41	28.9	29.0	30.1	68.9	92.3	118.1	118.7	118.4	117.4	118.8	118.7	118.6	115.9	115.2	125.2	121.3	79.1	77.8	109.1	323.7	607.9	332.2
9:34:28	6:03:41	28.9	29.0	30.1	68.4	92.0	118.0	118.6	118.3	117.3	118.6	118.6	118.5	115.7	115.2	125.2	121.3	79.1	77.8	109.1	323.7	607.9	332.2
9:35:28	6:04:41	28.9	29.0	30.1	68.4	92.4	117.9	118.3	118.1	117.2	118.5	118.4	118.4	115.6	116.9	125.1	121.2	79.1	77.8	109.0	323.7	607.9	332.2
9:36:28	6:05:41	28.9	29.0	30.1	68.4	92.4	117.9	118.3	118.1	117.2	118.5	118.5	118.4	119.4	127.6	125.0	121.1	79.1	77.7	109.0	323.7	608.0	332.2
9:37:28	6:06:41	28.9	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.3	120.4	125.0	121.1	79.1	77.7	109.0	323.7	608.0	332.2
9:38:28	6:07:41	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.0	130.7	125.0	121.1	79.1	77.7	109.0	323.7	608.0	332.2
9:39:28	6:08:41	28.9	29.0	30.1	68.9	92.3	118.1	118.7	118.4	117.4	118.8	118.7	118.6	123.3	138.7	125.0	120.9	79.0	77.7	109.1	323.7	608.0	332.2
9:40:28	6:09:41	28.9	29.0	30.1	68.4	91.4	118.3	118.8	118.5	117.5	119.0	118.8	118.7	118.3	122.4	124.9	120.9	79.0	77.7	109.0	323.7	608.0	332.2
9:41:29	6:10:41	28.9	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.2	115.9	124.8	120.9	79.0	77.7	109.0	323.7	607.9	332.2
9:42:29	6:11:42	28.9	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.3	118.7	118.6	118.5	115.9	115.2	124.8	120.7	78.9	77.6	108.9	323.7	608.0	332.2
9:43:29	6:12:42	28.9	29.0	30.1	68.9	92.6	118.0	118.6	118.2	117.3	118.6	118.5	118.4	115.8	115.3	124.7	120.7	79.0	77.6	108.9	323.7	608.0	332.2
9:44:29	6:13:42	28.8	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.5	118.4	118.4	115.7	117.5	124.6	120.6	78.9	77.6	108.8	323.7	608.0	332.2
9:45:29	6:14:42	28.8	29.0	30.1	68.9	93.0	117.9	118.3	118.1	117.2	118.5	118.5	118.4	119.3	127.3	124.6	120.6	78.9	77.6	108.9	323.7	608.0	332.1
9:46:29	6:15:42	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.3	120.3	124.6	120.5	78.9	77.6	108.8	323.7	608.0	332.2
9:47:29	6:16:42	28.8	29.0	30.1	68.4	92.3	117.9	118.3	118.2	117.2	118.5	118.4	118.4	116.4	117.6	124.6	120.5	78.9	77.5	108.8	323.7	608.0	332.2
9:48:29	6:17:42	28.8	29.0	30.1	68.9	93.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	119.8	128.8	124.5	120.4	78.9	77.5	108.7	323.7	607.9	332.2
9:49:29	6:18:42	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.6	121.2	124.6	120.3	78.8	77.6	108.8	323.7	608.0	332.2
9:50:30	6:19:43	28.8	29.0	30.1	68.4	92.1	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.5	134.2	124.6	120.2	78.8	77.5	108.7	323.7	607.9	332.2
9:51:30	6:20:43	28.9	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.0	133.1	124.5	120.2	78.8	77.5	108.8	323.6	608.0	332.2
9:52:30	6:21:43	28.8	29.0	30.1	68.9	92.0	118.3	118.8	118.5	117.5	119.0	118.8	118.7	117.1	118.5	124.4	120.1	78.8	77.5	108.8	323.7	608.0	332.2
9:53:30	6:22:43	28.8	29.0	30.1	68.9	92.4	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.0	115.3	124.3	120.0	78.7	77.5	108.7	323.7	608.0	332.2
9:54:30	6:23:43	28.8	29.0	30.1	68.9	92.4	118.1	118.7	118.3	117.4	118.7	118.6	118.5	115.9	115.3	124.2	120.0	78.7	77.5	108.7	323.7	607.9	332.2
9:55:30	6:24:43	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.5	115.7	115.3	124.2	119.8	78.7	77.5	108.7	323.7	607.9	332.2
9:56:30	6:25:43	28.8	29.0	30.1	68.9	93.0	117.9	118.3	118.1	117.2	118.5	118.4	118.3	118.8	127.1	124.1	119.8	78.7	77.4	108.6	323.7	608.0	332.2
9:57:30	6:26:43	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.4	118.1	123.1	124.1	119.8	78.7	77.4	108.6	323.7	607.9	332.2
9:58:30	6:27:43	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.7	118.7	124.9	119.7	78.6	77.4	108.6	323.7	608.0	332.2
9:59:31	6:28:43	28.8	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.5	132.1	129.6	119.7	78.7	77.4	108.5	323.6	608.0	332.3
10:00:31	6:29:44	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.8	118.6	118.5	123.4	139.4	129.4	119.6	78.6	77.3	108.5	323.6	608.0	332.2
10:01:31	6:30:44	28.8	29.0	30.1	68.9	92.0	118.3	118.8	118.5	117.5	119.0	118.8	118.7	118.7	123.1	129.2	119.5	78.6	77.4	108.6	323.7	608.0	332.2
10:02:31	6:31:44	28.8	29.0	30.1	68.9	92.1	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.3	116.0	129.2	119.5	78.6	77.4	108.6	323.7	608.0	332.2
10:03:31	6:32:44	28.8	29.0	30.1	68.9	92.4	118.1	118.7	118.3	117.4	118.8	118.7	118.6	116.0	115.2	129.1	119.3	78.6	77.3	108.5	323.7	608.0	332.2
10:04:31	6:33:44	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.5	115.8	115.3	129.2	119.3	78.5	77.4	108.5	323.7	608.0	332.2
10:05:31	6:34:44	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.0	118.2	129.1	119.3	78.6	77.3	108.4	323.7	607.9	332.2
10:06:31	6:35:44	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.4	118.4	119.3	127.0	129.1	119.2	78.5	77.3	108.4	323.7	607.9	330.7
10:07:31	6:36:44	28.8	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.2	120.2	129.1	119.1	78.5	77.3	108.4	323.7	608.0	332.2
10:08:32	6:37:44	28.8	29.0	30.1	68.9	93.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	116.4	118.5	129.0	119.1	78.5	77.3	108.4	323.7	608.0	330.6
10:09:32	6:38:45	28.8	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.3	118.6	118.5	118.5	121.4	134.3	129.0	122.0	78.5	77.3	109.8	323.7	607.9	330.8
10:10:32	6:39:45	28.8	29.0	30.1	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	123.7	139.9	128.9	122.2	78.5	77.2	108.7	323.6	608.0	330.7
10:11:32	6:40:45	28.8	29.0	30.1	68.9	91.8	118.3	118.9	118.5	117.6	119.1	118.8	118.7	118.8	123.0	128.9	122.2	78.5	77.2	108.7	323.7	608.0	330.8
10:12:32	6:41:45	28.8	29.0	30.1	68.9	92.0	118.3	118.8	118.5	117.5	119.0	118.8	118.8	116.3	116.0	128.8	122.1	78.5	77.2	108.7	323.7	608.0	330.7
10:13:32	6:42:45	28.8	29.0	30.1	68.9	92.3	118.1	118.7	118.4	117.4	118.9	118.7	118.7	116.0	115.2	128.8	122.0	78.4	77.2	108.8	323.7	607.9	330.7
10:14:32	6:43:45	28.8	29.0	30.1	68.4	91.8	118.1	118.6	118.4	117.4	118.7	118.6	118.5	115.9	115.4	128.8	122.0	78.4	77.1	108.7	323.7	608.0	330.7
10:15:32	6:44:45	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.5	115.6	115.3	128.8	121.9	78.4	77.1	108.7	323.7	608.0	330.7
10:16:32	6:45:45	28.8	29.0	30.1	68.9	93.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	118.3	126.3	128.7	121.9	78.4	77.1	108.7	323.7	608.0	330.7
10:17:33	6:46:45	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.3	123.7	128.7	121.8	78.4	77.1	108.6	323.7	608.0	330.7
10:18:33	6:47:46	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.4	122.7	128.7	121.7	78.3	77.1	108.6	323.7	608.0	330.6
10:19:33	6:48:46	28.8	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.3	118.7	118.5	118.5	122.1	136.1	128.6	121.7	78.3	77.0	108.6	323.7	608.0	330.7
10:20:33	6:49:46	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	120.3	128.3	128.5	121.6	78.3	77.1	108.7	323.7	608.0	330.8
10:21:33	6:50:46	28.8	29.0	30.1	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.4	116.9	128.5	121.5	78.3	77.0	108.6	323.7	608.0	330.7
10:22:33	6:51:46	28.8	29.0	30.1	68.9	92.4	118.1	118.7	118.3	117.4	118.8	118.6	118.6	115.9	115.2	128.3	121.4	78.3	77.0	108.6	323.7	608.0	330.7
10:23:33	6:52:46	28.8	29.0	30.1	68.9	92.7	118.0	118.5	118.2	117.3	118.6	118.5	118.5	115.7	115.2	128.4	121.4	78.2	77.0	108.6	323.7	608.0	330.7
10:24:33	6:53:46	28.8	29.0	30.1	68.9	93.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	116.1	119.0	128.3	121.3	78.3	77.0	108.5	323.7	608.0	330.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000139

10:25:33	6:54:46	28.8	29.0	30.1	68.4	92.4	117.9	118.3	118.1	117.2	118.5	118.4	118.4	119.2	126.3	128.4	121.2	78.3	77.0	108.5	323.7	608.0	330.8
10:26:34	6:55:46	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.4	118.4	117.1	119.9	128.3	121.2	78.3	77.0	108.5	323.6	608.0	330.7
10:27:34	6:56:47	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.7	128.2	121.1	78.2	76.9	108.5	323.7	608.0	330.7
10:28:34	6:57:47	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	121.3	128.2	121.0	78.2	77.0	108.5	323.7	608.0	330.7
10:29:34	6:58:47	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.8	118.3	128.1	120.9	78.2	76.9	108.5	323.7	608.0	330.7
10:30:34	6:59:47	28.8	29.0	30.1	68.4	92.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.0	129.3	128.1	120.8	78.1	76.9	108.5	323.6	608.0	330.7
10:31:34	7:00:47	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.0	121.9	128.0	120.8	78.2	76.8	108.5	323.7	608.0	330.7
10:32:34	7:01:47	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.6	128.0	120.7	78.1	76.9	108.4	323.6	608.0	330.7
10:33:34	7:02:47	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.4	118.3	117.8	124.0	127.9	120.7	78.1	76.8	108.4	323.7	608.0	330.7
10:34:34	7:03:47	28.8	29.0	30.1	68.9	92.5	118.0	118.6	118.3	117.3	118.7	118.6	118.5	118.9	124.7	127.8	120.6	78.1	76.8	108.4	323.7	608.0	330.6
10:35:35	7:04:47	28.8	29.0	30.1	68.4	92.1	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.3	119.7	127.7	120.5	78.1	76.8	108.4	323.7	607.9	330.7
10:36:35	7:05:48	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.6	117.8	127.7	120.5	78.1	76.8	108.3	323.7	608.0	330.7
10:37:35	7:06:48	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.7	127.7	120.4	78.0	76.8	108.4	323.7	608.0	329.2
10:38:35	7:07:48	28.8	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.8	121.5	127.6	120.4	78.0	76.7	108.3	323.7	608.0	329.2
10:39:35	7:08:48	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.5	127.6	120.3	78.1	76.8	108.3	323.7	608.0	329.2
10:40:35	7:09:48	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.4	118.7	126.5	127.6	120.2	78.0	76.8	108.3	323.7	608.0	329.2
10:41:35	7:10:48	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.5	121.1	131.6	127.5	120.1	77.9	76.7	108.3	323.7	607.9	329.2
10:42:35	7:11:48	28.8	29.0	30.1	68.4	91.7	118.2	118.8	118.4	117.4	118.9	118.7	118.6	118.3	122.1	127.5	120.1	78.0	76.8	108.4	323.7	608.0	329.2
10:43:35	7:12:48	28.8	29.0	30.1	68.4	91.9	118.0	118.6	118.3	117.3	118.8	118.7	118.6	116.0	115.8	127.4	120.0	77.9	76.7	108.3	323.7	607.9	329.2
10:44:35	7:13:48	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	115.7	115.1	127.3	120.0	78.0	76.7	108.2	323.6	608.0	329.2
10:45:36	7:14:48	28.8	29.0	30.1	68.9	92.9	117.9	118.3	118.2	117.2	118.5	118.4	118.3	117.3	122.8	127.4	119.8	77.9	76.7	108.2	323.7	608.0	329.1
10:46:36	7:15:49	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.4	118.3	118.7	124.9	127.3	119.8	77.9	76.7	108.2	323.7	608.0	329.2
10:47:36	7:16:49	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.5	118.4	118.3	118.2	125.3	127.3	119.8	77.9	76.7	108.2	323.7	608.0	329.2
10:48:36	7:17:49	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.7	124.0	127.2	119.7	77.9	76.6	108.1	323.7	608.0	329.2
10:49:36	7:18:49	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.2	119.4	127.3	119.7	77.9	76.6	108.1	323.6	608.0	329.2
10:50:36	7:19:49	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.5	117.5	127.1	119.6	77.9	76.6	108.1	323.7	607.9	329.2
10:51:36	7:20:49	28.8	29.0	30.1	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	119.6	128.8	127.1	119.5	77.8	76.6	108.1	323.7	608.0	329.2
10:52:36	7:21:49	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.1	122.4	127.1	119.3	77.8	76.6	108.2	323.6	608.0	329.1
10:53:36	7:22:49	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.6	118.4	121.3	133.6	127.0	119.3	77.8	76.4	108.1	323.6	607.9	329.3
10:54:37	7:23:49	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.8	118.6	122.1	133.4	126.9	119.3	77.8	76.4	108.1	323.7	608.0	329.2
10:55:37	7:24:50	28.8	29.0	30.1	68.9	92.0	118.3	118.8	118.5	117.5	119.0	118.8	118.7	117.1	118.5	126.9	119.2	77.7	76.4	108.1	323.7	608.0	329.2
10:56:37	7:25:50	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.0	115.4	127.0	119.2	77.8	76.4	108.0	323.7	607.9	329.2
10:57:37	7:26:50	28.8	29.0	30.1	68.9	92.6	118.0	118.6	118.2	117.3	118.7	118.6	118.5	115.8	115.2	126.8	119.1	77.7	76.4	108.0	323.7	608.0	329.1
10:58:37	7:27:50	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	115.7	115.3	126.8	121.3	77.7	76.4	109.5	323.7	608.0	329.2
10:59:37	7:28:50	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.4	126.5	126.8	122.4	77.7	76.4	108.4	323.7	608.0	329.2
11:00:37	7:29:50	28.9	29.0	30.1	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.3	123.9	126.6	122.3	77.7	76.4	108.4	323.7	608.0	329.2
11:01:37	7:30:50	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.0	133.2	126.5	122.2	77.7	76.4	108.3	323.7	608.0	329.2
11:02:37	7:31:50	28.9	29.0	30.1	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	121.2	131.1	126.5	122.2	77.7	76.4	108.4	323.7	608.0	329.2
11:03:37	7:32:50	28.9	29.0	30.1	68.9	92.0	118.3	118.8	118.5	117.5	118.8	118.7	118.6	116.6	117.6	126.4	122.1	77.7	76.4	108.4	323.7	607.9	327.6
11:04:38	7:33:50	28.9	29.0	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.8	118.6	118.6	115.9	115.1	126.3	122.0	77.7	76.4	108.3	323.7	608.0	327.7
11:05:38	7:34:51	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.7	118.6	118.5	115.7	115.0	126.3	122.0	77.7	76.4	108.3	323.7	608.0	327.7
11:06:38	7:35:51	28.9	29.0	30.1	68.9	93.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	117.3	122.7	126.2	121.8	77.6	76.4	108.3	323.7	608.0	327.7
11:07:38	7:36:51	28.9	29.0	30.1	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.7	124.8	126.1	121.8	77.6	76.4	108.3	323.7	608.0	327.7
11:08:38	7:37:51	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.9	127.4	126.0	121.8	77.7	76.3	108.2	323.7	608.0	327.6
11:09:38	7:38:51	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.5	118.3	123.1	126.0	121.6	77.6	76.4	108.3	323.7	608.0	327.6
11:10:38	7:39:51	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.0	119.0	125.9	121.6	77.6	76.4	108.2	323.7	608.0	327.7
11:11:38	7:40:51	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.5	117.3	125.9	121.5	77.6	76.4	108.2	323.7	607.9	327.7
11:12:38	7:41:51	28.9	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.5	118.5	118.4	119.8	129.1	125.8	121.5	77.6	76.4	108.2	323.7	608.0	327.6
11:13:39	7:42:51	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	122.0	125.7	121.4	77.6	76.3	108.2	323.7	608.0	327.6
11:14:39	7:43:52	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	118.6	125.7	121.4	77.6	76.3	108.2	323.7	608.0	327.6
11:15:39	7:44:52	28.9	29.0	30.1	68.9	93.1	117.8	118.3	118.1	117.1	118.6	118.5	118.4	119.6	129.1	125.6	121.2	77.5	76.3	108.2	323.7	607.9	327.7
11:16:39	7:45:52	28.9	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	123.2	125.5	121.2	77.5	76.2	108.1	323.7	608.0	327.7
11:17:39	7:46:52	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.2	119.2	125.5	121.1	77.5	76.3	108.2	323.7	608.0	327.7
11:18:39	7:47:52	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	117.5	125.4	121.1	77.6	76.3	108.1	323.7	608.0	327.6
11:19:39	7:48:52	28.9	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.8	125.5	121.0	77.5	76.3	108.2	323.7	608.0	327.6
11:20:39	7:49:52	28.9	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.8	121.4	125.4	120.9	77.5	76.2	108.1	323.6	608.0	327.6
11:21:39	7:50:52	28.8	29.0	30.1	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	116.7	118.3	125.4	120.8	77.5	76.3	108.1	323.7	607.9	327.7
11:22:40	7:51:52	28.9	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.6	118.4	121.1	133.3	125.4	120.8	77.5	76.3	108.1	323.7	608.0	327.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000140

11:23:40	7:52:53	28.9	29.0	30.1	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	123.0	136.9	125.3	120.7	77.4	76.3	108.1	323.7	608.0	327.7
11:24:40	7:53:53	28.9	29.0	30.1	68.9	91.8	118.3	118.9	118.6	117.5	119.0	118.8	118.7	117.8	120.4	125.2	120.7	77.5	76.2	108.1	323.7	608.0	327.6
11:25:40	7:54:53	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.1	115.5	125.1	120.6	77.5	76.2	108.1	323.7	608.0	327.7
11:26:40	7:55:53	28.8	29.0	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.8	118.7	118.6	115.9	115.1	125.2	120.5	77.4	76.2	108.0	323.7	608.0	327.7
11:27:40	7:56:53	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.6	118.4	115.7	115.2	125.1	120.4	77.4	76.2	108.0	323.7	608.0	327.7
11:28:40	7:57:53	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.5	118.4	119.6	128.9	125.0	120.4	77.4	76.2	107.9	323.7	608.0	327.7
11:29:40	7:58:53	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.6	118.5	117.8	121.9	125.0	120.3	77.4	76.2	108.0	323.7	608.0	327.7
11:30:40	7:59:53	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.8	124.5	124.9	120.2	77.3	76.2	108.0	323.7	608.0	327.6
11:31:41	8:00:54	28.8	29.0	30.1	68.9	92.6	118.0	118.6	118.3	117.2	118.7	118.6	118.5	122.3	136.8	125.0	120.2	77.4	76.0	107.9	323.7	608.0	327.6
11:32:41	8:01:54	28.9	29.0	30.1	68.9	92.1	118.2	118.8	118.5	117.4	119.0	118.8	118.7	121.6	131.8	125.0	120.1	77.4	76.2	108.1	323.7	608.0	327.7
11:33:41	8:02:54	28.9	29.0	30.1	68.9	91.9	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.0	117.9	124.9	120.0	77.4	76.0	108.0	323.6	607.9	327.6
11:34:41	8:03:54	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.0	115.3	124.9	119.8	77.4	76.0	107.9	323.6	608.0	327.7
11:35:41	8:04:54	28.8	29.0	30.1	68.9	92.3	118.1	118.7	118.4	117.4	118.7	118.6	118.6	115.9	115.1	124.7	119.8	77.4	76.0	107.9	323.6	608.0	327.6
11:36:41	8:05:54	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.6	118.5	115.7	115.2	124.8	119.8	77.4	76.0	107.9	323.7	608.0	327.7
11:37:41	8:06:54	28.8	29.0	30.1	68.9	93.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	117.1	122.4	124.8	119.7	77.3	76.0	107.8	323.7	608.0	327.7
11:38:41	8:07:54	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.8	125.3	124.6	119.7	77.3	75.9	107.7	323.7	608.0	327.7
11:39:41	8:08:54	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.5	120.3	131.8	124.7	119.6	77.4	76.0	107.8	323.7	608.0	327.7
11:40:42	8:09:54	28.8	29.0	30.1	68.9	92.4	118.1	118.8	118.3	117.3	118.8	118.7	118.6	123.2	138.3	124.6	119.6	77.3	75.9	107.9	323.7	608.0	327.6
11:41:42	8:10:55	28.8	29.0	30.1	68.9	92.1	118.2	118.8	118.4	117.5	119.0	118.8	118.7	118.1	121.7	124.5	119.5	77.3	75.9	107.8	323.7	608.0	327.7
11:42:42	8:11:55	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.1	115.6	124.5	119.3	77.2	75.9	107.8	323.7	608.0	327.7
11:43:42	8:12:55	28.8	29.0	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.6	118.6	115.9	115.1	124.4	119.3	77.3	75.9	107.7	323.7	608.0	327.7
11:44:42	8:13:55	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.5	115.7	115.1	124.4	119.3	77.3	75.9	107.7	323.7	608.0	327.7
11:45:42	8:14:55	28.8	29.0	30.1	68.9	93.0	117.9	118.3	118.1	117.2	118.5	118.5	118.4	116.5	120.7	124.3	119.2	77.2	75.9	107.6	323.7	608.0	327.7
11:46:42	8:15:55	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.5	118.4	118.4	118.9	125.8	124.3	119.2	77.2	75.8	107.6	323.7	608.0	327.6
11:47:42	8:16:55	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.5	118.4	118.4	117.2	122.1	124.3	119.1	77.2	75.8	107.6	323.7	607.9	327.7
11:48:42	8:17:55	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	125.4	124.3	122.2	77.2	75.8	108.5	323.7	608.0	327.7
11:49:43	8:18:55	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.2	119.8	124.3	122.1	77.2	75.8	108.0	323.7	608.0	327.7
11:50:43	8:19:56	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.5	117.6	124.3	122.1	77.2	75.8	108.0	323.7	608.0	327.7
11:51:43	8:20:56	28.8	29.0	30.1	68.9	93.0	117.8	118.3	118.1	117.1	118.5	118.4	118.3	119.0	127.8	124.1	122.0	77.2	75.8	108.0	323.7	607.9	327.6
11:52:43	8:21:56	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.2	122.9	124.1	121.9	77.2	75.8	108.0	323.7	608.0	327.7
11:53:43	8:22:56	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	119.8	128.7	121.9	77.2	75.7	108.0	323.6	607.9	327.6
11:54:43	8:23:56	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.7	134.9	129.0	121.8	77.2	75.7	108.0	323.7	607.9	327.7
11:55:43	8:24:56	28.8	29.0	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.4	134.1	128.8	121.8	77.2	75.7	108.1	323.7	608.0	327.7
11:56:43	8:25:56	28.8	29.0	30.2	68.9	91.8	118.3	118.9	118.5	117.6	119.0	118.7	118.7	117.3	118.8	128.7	121.7	77.2	75.7	108.0	323.7	608.0	326.1
11:57:43	8:26:56	28.8	29.0	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.0	115.3	128.7	121.6	77.1	75.7	108.0	323.7	607.9	327.7
11:58:43	8:27:56	28.8	29.0	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.6	118.6	115.9	115.1	128.6	121.5	77.2	75.7	108.0	323.7	607.9	327.7
11:59:44	8:28:57	28.8	29.0	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.5	115.6	115.2	128.7	121.4	77.1	75.7	107.9	323.7	607.9	326.2
12:00:44	8:29:57	28.8	29.0	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.5	118.5	118.4	118.8	127.4	128.6	121.4	77.2	75.7	107.9	323.7	608.0	326.2
12:01:44	8:30:57	28.8	29.0	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.1	122.9	128.6	121.3	77.1	75.7	107.9	323.7	608.0	326.1
12:02:44	8:31:57	28.8	29.0	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	121.4	134.5	128.5	121.2	77.1	75.7	107.9	323.7	608.0	326.1
12:03:44	8:32:57	28.8	29.0	30.2	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.8	118.7	123.4	138.1	128.5	121.2	77.1	75.7	107.9	323.7	608.0	326.1
12:04:44	8:33:57	28.8	29.0	30.2	68.9	91.9	118.3	118.9	118.5	117.5	119.1	118.8	118.8	118.1	121.0	128.5	121.1	77.1	75.7	107.9	323.7	608.0	327.7
12:05:44	8:34:57	28.8	29.0	30.2	68.9	91.9	118.3	118.9	118.5	117.5	119.0	118.8	118.7	116.2	115.5	128.5	121.1	77.1	75.7	108.0	323.6	607.9	326.2
12:06:44	8:35:57	28.8	29.0	30.1	68.9	92.3	118.1	118.7	118.4	117.4	118.8	118.7	118.6	115.9	115.1	128.2	120.9	77.1	75.7	107.9	323.7	608.0	326.2
12:07:44	8:36:57	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.5	115.7	115.2	128.2	120.9	77.0	75.7	107.9	323.7	608.0	326.2
12:08:45	8:37:57	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.1	117.2	118.5	118.5	118.4	115.5	115.2	128.2	120.8	77.0	75.7	107.8	323.7	608.0	326.1
12:09:45	8:38:58	28.8	29.0	30.1	68.9	93.1	117.8	118.3	118.1	117.1	118.6	118.5	118.4	119.8	129.3	128.0	120.7	77.0	75.7	107.8	323.7	608.0	326.1
12:10:45	8:39:58	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.5	121.3	127.9	120.7	77.0	75.7	107.8	323.7	608.0	326.2
12:11:45	8:40:58	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.6	123.5	127.8	120.6	77.0	75.5	107.8	323.7	607.9	326.2
12:12:45	8:41:58	28.8	29.0	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	124.9	127.7	120.6	77.1	75.5	107.8	323.7	608.0	326.2
12:13:45	8:42:58	28.8	29.0	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.1	119.5	127.7	120.5	77.0	75.5	107.8	323.7	608.0	326.1
12:14:45	8:43:58	28.8	29.0	30.1	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.3	125.5	127.6	120.4	76.9	75.5	107.7	323.7	608.0	326.1
12:15:45	8:44:58	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.6	123.8	127.7	120.3	77.0	75.5	107.8	323.7	607.9	326.2
12:16:45	8:45:58	28.8	29.0	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.5	117.1	119.3	127.7	120.3	77.0	75.5	107.7	323.7	608.0	326.2
12:17:46	8:46:58	28.8	28.9	30.1	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	116.6	119.6	127.5	120.2	76.9	75.5	107.7	323.7	608.0	326.2
12:18:46	8:47:59	28.8	28.9	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.5	118.4	121.7	135.0	127.5	120.1	76.9	75.4	107.7	323.7	608.0	326.2
12:19:46	8:48:59	28.8	29.0	30.1	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.9	136.1	127.4	120.0	76.9	75.4	107.7	323.7	608.0	326.1
12:20:46	8:49:59	28.8	29.0	30.1	68.9	91.9	118.3	118.9	118.5	117.5	119.1	118.9	118.8	117.6	119.8	127.3	120.0	76.9	75.4	107.7	323.7	607.9	326.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000141

12:21:46	8:50:59	28.8	29.0	30.1	68.9	92.1	118.2	118.8	118.5	117.5	118.9	118.8	118.7	116.1	115.4	127.3	119.8	76.9	75.4	107.6	323.7	608.0	326.1
12:22:46	8:51:59	28.8	28.9	30.1	68.9	92.5	118.1	118.7	118.3	117.3	118.8	118.6	118.6	115.9	115.1	127.3	119.8	76.9	75.4	107.6	323.7	607.9	326.2
12:23:46	8:52:59	28.8	28.9	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.5	115.6	115.1	127.1	119.8	76.8	75.3	107.6	323.7	608.0	326.2
12:24:46	8:53:59	28.8	28.9	30.1	68.9	92.9	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.4	129.1	127.1	119.8	76.9	75.3	107.5	323.7	608.0	326.1
12:25:46	8:54:59	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.8	122.2	127.1	119.6	76.8	75.3	107.6	323.7	608.0	326.1
12:26:47	8:55:59	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	118.3	127.1	119.6	76.8	75.2	107.5	323.7	608.0	326.1
12:27:47	8:56:59	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.9	128.8	127.0	119.5	76.8	75.2	107.5	323.7	607.9	326.2
12:28:47	8:58:00	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.7	121.3	127.0	119.3	76.8	75.3	107.6	323.7	608.0	326.2
12:29:47	8:59:00	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.5	116.7	118.3	127.0	119.3	76.8	75.2	107.5	323.7	607.9	326.2
12:30:47	9:00:00	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	129.6	127.0	119.3	76.8	75.2	107.5	323.6	607.9	326.1
12:31:47	9:01:00	28.8	28.9	30.1	68.9	92.6	118.0	118.7	118.3	117.2	118.7	118.5	118.4	118.3	123.0	127.0	119.2	76.7	75.2	107.5	323.7	608.0	326.2
12:32:47	9:02:00	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.0	119.0	126.9	119.1	76.7	75.2	107.4	323.7	608.0	324.7
12:33:47	9:03:00	28.8	28.9	30.1	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.6	123.2	126.7	119.2	76.7	75.2	107.4	323.7	607.9	326.1
12:34:47	9:04:00	28.8	28.9	30.1	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.4	118.9	124.6	126.8	122.3	76.7	75.2	108.0	323.7	608.0	324.7
12:35:48	9:05:00	28.8	28.9	30.1	68.9	92.6	118.0	118.7	118.3	117.2	118.7	118.6	118.5	117.2	119.5	126.7	122.2	76.7	75.2	107.8	323.6	608.0	324.6
12:36:48	9:06:01	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.5	117.6	126.6	122.2	76.7	75.2	107.7	323.6	607.9	324.6
12:37:48	9:07:01	28.8	28.9	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.4	118.4	119.6	129.6	126.6	122.0	76.6	75.2	107.8	323.6	608.0	324.6
12:38:48	9:08:01	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.6	123.8	126.6	122.0	76.6	75.2	107.7	323.7	608.0	324.7
12:39:48	9:09:01	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.7	118.6	118.4	117.1	119.3	126.5	121.9	76.6	75.1	107.7	323.7	607.9	324.7
12:40:48	9:10:01	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.5	117.5	126.6	121.9	76.6	75.2	107.7	323.7	607.9	324.7
12:41:48	9:11:01	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.9	128.7	126.4	121.8	76.7	75.1	107.7	323.7	608.0	324.6
12:42:48	9:12:01	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.6	118.5	117.7	121.2	126.4	121.7	76.6	75.1	107.7	323.7	607.9	324.7
12:43:48	9:13:01	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.4	116.7	118.3	126.4	121.7	76.6	75.2	107.7	323.7	607.9	324.7
12:44:49	9:14:01	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	116.3	118.0	126.5	121.6	76.6	75.1	107.7	323.6	608.0	324.7
12:45:49	9:15:02	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	119.4	127.0	126.2	121.5	76.6	75.0	107.7	323.7	608.0	324.7
12:46:49	9:16:02	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.4	120.4	126.3	121.5	76.6	75.1	107.7	323.7	608.0	324.7
12:47:49	9:17:02	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	117.9	126.2	121.4	76.6	75.1	107.6	323.7	608.0	324.7
12:48:49	9:18:02	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	119.9	128.7	126.1	121.4	76.6	75.1	107.6	323.7	608.0	324.7
12:49:49	9:19:02	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.8	121.3	126.1	121.3	76.6	75.0	107.6	323.7	607.9	324.7
12:50:49	9:20:02	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	119.2	127.9	126.0	121.2	76.6	75.0	107.6	323.7	608.0	324.7
12:51:49	9:21:02	28.8	28.9	30.2	68.9	92.6	118.0	118.7	118.3	117.2	118.8	118.6	118.5	122.9	138.1	125.9	121.1	76.5	75.1	107.7	323.7	608.0	324.7
12:52:50	9:22:02	28.8	28.9	30.1	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.7	118.6	118.8	123.6	125.9	121.0	76.5	75.1	107.7	323.7	608.0	324.7
12:53:50	9:23:03	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.2	116.0	125.8	121.0	76.5	75.0	107.6	323.7	608.0	324.6
12:54:50	9:24:03	28.8	28.9	30.2	68.9	92.5	118.1	118.7	118.3	117.3	118.8	118.6	118.5	115.9	115.1	125.7	120.9	76.5	75.0	107.6	323.7	608.0	324.6
12:55:50	9:25:03	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	115.6	115.1	125.7	120.8	76.4	75.0	107.5	323.7	607.9	324.7
12:56:50	9:26:03	28.8	28.9	30.2	68.9	93.0	117.9	118.3	118.2	117.1	118.5	118.4	118.3	118.2	125.5	125.7	120.8	76.5	75.0	107.5	323.7	608.0	324.6
12:57:50	9:27:03	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	123.6	125.7	120.7	76.5	75.0	107.5	323.6	608.0	324.7
12:58:50	9:28:03	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.5	120.6	132.3	125.7	120.6	76.5	75.0	107.5	323.6	608.0	324.7
12:59:50	9:29:03	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	123.4	138.9	125.5	120.5	76.5	74.9	107.5	323.7	608.0	324.6
13:00:50	9:30:03	28.8	28.9	30.2	68.9	91.9	118.3	118.9	118.5	117.5	119.0	118.8	118.7	118.3	122.1	125.5	120.4	76.4	74.9	107.6	323.6	608.0	324.7
13:01:51	9:31:03	28.8	28.9	30.2	68.9	92.1	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.1	115.7	125.5	120.4	76.4	74.9	107.5	323.6	607.9	324.7
13:02:51	9:32:04	28.8	28.9	30.2	68.9	92.3	118.1	118.7	118.4	117.4	118.8	118.7	118.6	115.9	115.1	125.5	120.3	76.4	74.9	107.5	323.7	608.0	324.7
13:03:51	9:33:04	28.8	28.9	30.1	68.9	92.6	118.0	118.6	118.3	117.2	118.6	118.5	118.5	115.6	115.1	125.5	120.2	76.4	74.9	107.4	323.6	608.0	324.6
13:04:51	9:34:04	28.8	28.9	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.5	118.4	118.4	115.4	115.8	125.4	120.2	76.4	74.8	107.3	323.7	608.0	324.7
13:05:51	9:35:04	28.8	28.9	30.1	68.9	92.9	117.9	118.5	118.2	117.1	118.5	118.4	118.3	119.6	128.4	125.3	120.1	76.4	74.8	107.4	323.7	607.9	324.6
13:06:51	9:36:04	28.8	28.9	30.1	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.8	127.6	125.4	120.0	76.3	74.8	107.4	323.7	608.0	324.7
13:07:51	9:37:04	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	123.4	125.3	120.0	76.3	74.8	107.3	323.7	608.0	324.7
13:08:51	9:38:04	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	119.0	125.1	119.8	76.3	74.7	107.3	323.7	607.9	324.7
13:09:51	9:39:04	28.8	28.9	30.1	68.9	92.7	118.0	118.7	118.2	117.2	118.7	118.5	118.5	120.0	128.4	125.3	119.8	76.3	74.7	107.3	323.7	608.0	324.7
13:10:52	9:40:04	28.8	28.9	30.1	68.9	92.6	118.0	118.7	118.2	117.2	118.7	118.5	118.5	117.8	121.2	125.1	119.8	76.3	74.7	107.3	323.7	608.0	324.6
13:11:52	9:41:05	28.8	28.9	30.1	68.9	92.6	118.0	118.6	118.3	117.3	118.7	118.5	118.5	116.8	118.3	125.0	119.7	76.2	74.7	107.2	323.7	608.0	324.7
13:12:52	9:42:05	28.8	28.9	30.1	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.2	117.0	124.9	119.6	76.2	74.7	107.2	323.7	607.9	324.6
13:13:52	9:43:05	28.8	28.9	30.1	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	128.0	124.9	119.5	76.2	74.7	107.2	323.7	607.9	324.7
13:14:52	9:44:05	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.6	120.9	124.8	119.5	76.2	74.6	107.1	323.7	608.0	324.6
13:15:52	9:45:05	28.8	28.9	30.2	68.8	92.7	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.7	119.5	124.7	119.3	76.2	74.6	107.1	323.7	608.0	324.6
13:16:52	9:46:05	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	127.8	124.6	119.3	76.1	74.6	107.1	323.7	608.0	324.8
13:17:52	9:47:05	28.8	28.9	30.2	68.9	92.6	118.0	118.7	118.3	117.2	118.7	118.6	118.5	117.6	120.9	124.6	119.2	76.2	74.6	107.1	323.7	608.0	324.7
13:18:52	9:48:05	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	116.8	118.2	124.6	119.2	76.2	74.6	107.1	323.7	608.0	324.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000142

13:19:53	9:49:05	28.8	28.9	30.2	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	116.3	117.6	124.5	119.1	76.1	74.5	107.0	323.7	607.9	324.7
13:20:53	9:50:06	28.8	28.9	30.2	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	119.9	128.4	124.4	121.6	76.1	74.6	108.8	323.7	608.0	324.7
13:21:53	9:51:06	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.6	118.5	117.6	121.0	124.4	122.3	76.1	74.6	107.5	323.7	608.0	324.6
13:22:53	9:52:06	28.8	28.9	30.2	68.9	92.6	118.0	118.7	118.3	117.2	118.7	118.5	118.4	121.5	134.0	124.3	122.3	76.1	74.5	107.3	323.7	608.0	324.7
13:23:53	9:53:06	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.7	118.6	119.6	126.5	124.2	122.2	76.0	74.6	107.4	323.7	608.0	324.7
13:24:53	9:54:06	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.8	118.6	118.6	116.2	116.4	124.1	122.1	76.0	74.5	107.4	323.7	608.0	324.7
13:25:53	9:55:06	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.6	118.5	115.7	115.0	124.1	122.1	76.1	74.6	107.4	323.7	608.0	324.7
13:26:53	9:56:06	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.5	115.4	114.9	124.1	122.0	76.0	74.6	107.4	323.7	608.0	324.6
13:27:53	9:57:06	28.8	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.6	128.3	124.0	121.9	76.0	74.5	107.3	323.7	607.9	323.1
13:28:53	9:58:06	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.4	120.7	129.1	121.9	76.1	74.6	107.3	323.7	608.0	324.7
13:29:54	9:59:07	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	121.5	134.7	129.0	121.8	76.1	74.6	107.3	323.7	608.0	323.2
13:30:54	10:00:07	28.8	28.9	30.2	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	121.0	130.5	128.8	121.7	76.1	74.6	107.4	323.7	608.0	323.2
13:31:54	10:01:07	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.6	117.4	128.8	121.6	76.0	74.6	107.4	323.7	608.0	323.1
13:32:54	10:02:07	28.8	28.9	30.2	68.9	92.4	118.1	118.7	118.3	117.4	118.8	118.7	118.6	115.8	115.1	128.8	121.6	76.0	74.6	107.3	323.7	608.0	323.2
13:33:54	10:03:07	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.5	115.6	115.0	128.8	121.5	76.0	74.7	107.4	323.7	608.0	323.2
13:34:54	10:04:07	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.9	121.7	128.7	121.4	76.1	74.6	107.3	323.7	608.0	323.2
13:35:54	10:05:07	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.2	126.4	128.8	121.4	76.1	74.6	107.3	323.7	607.9	323.2
13:36:54	10:06:07	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	119.9	128.6	121.3	76.1	74.6	107.3	323.7	608.0	323.1
13:37:54	10:07:07	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.3	117.5	128.7	121.3	76.1	74.7	107.3	323.7	608.0	323.1
13:38:55	10:08:07	28.8	28.9	30.2	68.8	92.9	117.9	118.5	118.1	117.1	118.6	118.4	118.4	119.8	129.3	128.6	121.2	76.1	74.8	107.4	323.7	607.9	323.1
13:39:55	10:09:08	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.5	117.8	121.7	128.5	121.1	76.1	74.8	107.3	323.7	608.0	323.1
13:40:55	10:10:08	28.8	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.5	116.7	118.4	128.6	121.0	76.2	74.8	107.3	323.7	608.0	323.2
13:41:55	10:11:08	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.5	131.9	128.5	121.0	76.2	74.9	107.4	323.7	608.0	323.2
13:42:55	10:12:08	28.8	28.9	30.2	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.5	118.5	118.8	124.5	128.5	120.9	76.2	74.9	107.4	323.7	608.0	323.2
13:43:55	10:13:08	28.8	28.9	30.2	68.9	92.5	118.1	118.7	118.3	117.3	118.8	118.6	118.5	117.4	119.8	128.5	120.8	76.2	75.0	107.4	323.7	608.0	323.1
13:44:55	10:14:08	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.5	116.7	117.8	128.5	120.7	76.2	75.0	107.4	323.7	607.9	323.2
13:45:55	10:15:08	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.3	116.9	128.4	120.7	76.3	75.0	107.3	323.7	608.0	323.2
13:46:55	10:16:08	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	119.6	129.1	128.4	120.6	76.2	75.1	107.4	323.7	608.0	323.1
13:47:55	10:17:08	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	121.9	128.3	120.5	76.3	75.1	107.3	323.7	607.9	323.1
13:48:56	10:18:08	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.7	118.5	128.3	120.5	76.3	75.1	107.3	323.7	607.9	321.7
13:49:56	10:19:09	28.8	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.3	128.7	128.1	120.4	76.3	75.1	107.3	323.7	608.0	321.6
13:50:56	10:20:09	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.6	118.5	118.4	123.5	128.1	120.4	76.4	75.2	107.4	323.7	608.0	323.2
13:51:56	10:21:09	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.1	119.2	128.1	120.3	76.4	75.2	107.3	323.7	608.0	321.7
13:52:56	10:22:09	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.5	117.5	128.1	120.2	76.4	75.2	107.3	323.7	608.0	321.7
13:53:56	10:23:09	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	119.8	128.1	128.1	120.2	76.4	75.2	107.4	323.7	608.0	321.6
13:54:56	10:24:09	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.6	121.0	127.9	120.1	76.4	75.2	107.3	323.7	607.9	321.7
13:55:56	10:25:09	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	118.1	127.8	120.0	76.4	75.1	107.3	323.7	608.0	321.6
13:56:57	10:26:09	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	127.9	127.8	119.8	76.4	75.1	107.3	323.7	608.0	321.7
13:57:57	10:27:10	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.3	117.2	118.7	118.5	118.4	117.7	120.9	127.7	119.8	76.4	75.1	107.3	323.7	608.0	321.7
13:58:57	10:28:10	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	118.1	127.7	119.8	76.4	75.1	107.3	323.7	608.0	321.7
13:59:57	10:29:10	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.1	117.1	118.6	118.5	118.4	117.8	124.3	127.7	119.8	76.4	75.1	107.3	323.7	608.0	321.6
14:00:57	10:30:10	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	118.7	124.4	127.6	119.6	76.4	75.0	107.3	323.7	608.0	321.7
14:01:57	10:31:10	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	119.4	127.5	119.6	76.4	75.1	107.3	323.7	607.9	321.7
14:02:57	10:32:10	28.8	28.9	30.2	68.9	92.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	118.6	126.4	127.4	119.5	76.4	75.0	107.3	323.7	608.0	321.7
14:03:57	10:33:10	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.6	123.9	127.5	119.5	76.4	75.0	107.3	323.7	607.9	321.7
14:04:57	10:34:10	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.2	119.4	127.4	119.3	76.4	75.0	107.3	323.7	608.0	321.6
14:05:57	10:35:10	28.8	28.9	30.2	68.9	93.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	116.5	117.5	127.3	119.3	76.4	75.0	107.2	323.7	608.0	321.7
14:06:58	10:36:11	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.0	128.8	127.3	119.3	76.4	75.0	107.2	323.7	608.0	321.7
14:07:58	10:37:11	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.7	121.3	127.2	119.2	76.3	74.9	107.2	323.7	608.0	321.6
14:08:58	10:38:11	28.8	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.8	118.4	127.2	119.1	76.4	74.9	107.2	323.7	608.0	321.7
14:09:58	10:39:11	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.4	120.4	131.6	127.1	122.1	76.3	74.9	108.2	323.7	608.0	321.6
14:10:58	10:40:11	28.8	28.9	30.2	68.9	92.4	118.1	118.8	118.3	117.3	118.9	118.7	118.6	123.3	138.2	127.0	122.2	76.3	74.8	107.6	323.7	608.0	321.7
14:11:58	10:41:11	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.8	118.6	118.0	121.5	127.1	122.1	76.3	74.8	107.6	323.7	608.0	321.6
14:12:58	10:42:11	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.1	115.7	126.9	122.1	76.3	74.8	107.5	323.7	608.0	321.6
14:13:58	10:43:11	28.8	28.9	30.2	68.9	92.6	118.0	118.7	118.3	117.2	118.8	118.6	118.5	115.8	115.1	126.9	122.0	76.3	74.8	107.5	323.7	608.0	321.6
14:14:59	10:44:11	28.8	28.9	30.2	68.9	92.9	117.9	118.5	118.2	117.1	118.6	118.5	118.4	115.6	115.1	126.8	121.9	76.3	74.7	107.5	323.7	608.0	321.7
14:15:59	10:45:12	28.8	28.9	30.2	68.9	92.9	117.9	118.6	118.1	117.1	118.6	118.5	118.4	119.8	129.8	126.7	121.8	76.3	74.7	107.5	323.7	607.9	321.7
14:16:59	10:46:12	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.8	122.1	126.7	121.8	76.3	74.7	107.5	323.7	608.0	321.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000143

14:17:59	10:47:12	28.8	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.0	124.9	126.7	121.7	76.2	74.8	107.5	323.7	607.9	320.1
14:18:59	10:48:12	28.8	28.9	30.2	68.9	92.6	118.0	118.7	118.3	117.2	118.8	118.6	118.5	122.4	136.9	126.6	121.7	76.3	74.8	107.5	323.7	608.0	320.1
14:19:59	10:49:12	28.8	28.9	30.2	68.9	92.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	119.2	125.1	126.6	121.6	76.2	74.8	107.5	323.7	608.0	321.7
14:20:59	10:50:12	28.8	28.9	30.2	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.1	116.2	126.5	121.5	76.2	74.8	107.5	323.7	608.0	321.7
14:21:59	10:51:12	28.8	28.9	30.2	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.6	118.5	115.7	115.0	126.4	121.4	76.2	74.7	107.5	323.7	608.0	320.1
14:22:59	10:52:12	28.7	28.9	30.2	68.9	92.7	118.0	118.6	118.2	117.2	118.6	118.5	118.4	115.6	115.0	126.3	121.4	76.3	74.7	107.4	323.7	608.0	320.1
14:23:59	10:53:12	28.7	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.8	129.6	126.3	121.2	76.2	74.6	107.4	323.7	608.0	320.2
14:25:00	10:54:12	28.7	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.7	121.8	126.2	121.2	76.2	74.7	107.4	323.7	608.0	320.2
14:26:00	10:55:13	28.7	28.9	30.2	68.9	92.8	118.0	118.6	118.2	117.2	118.7	118.5	118.5	120.9	132.8	126.2	121.1	76.2	74.6	107.3	323.7	607.9	320.2
14:27:00	10:56:13	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.7	118.7	121.8	132.8	126.2	121.0	76.1	74.6	107.5	323.7	608.0	320.2
14:28:00	10:57:13	28.8	28.9	30.2	68.9	92.2	118.2	118.8	118.4	117.4	119.0	118.7	118.7	116.8	118.1	126.1	121.0	76.1	74.6	107.4	323.7	608.0	320.2
14:29:00	10:58:13	28.7	28.9	30.2	68.9	92.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	115.9	115.2	126.1	120.9	76.2	74.6	107.3	323.7	608.0	320.1
14:30:00	10:59:13	28.7	28.9	30.2	68.9	92.5	118.1	118.7	118.3	117.3	118.7	118.5	118.5	115.7	115.0	126.0	120.9	76.2	74.6	107.4	323.7	607.9	320.1

EXPOSURE(2) SUMMARY 06/17/2015 23:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:47	11:00:00	28.7	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.4	115.0	125.9	120.8	76.1	74.6	107.3	323.7	608.0	320.1

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 129.7 MAX GAS TEMP: 089.4
END PRESS: 0028.7 MIN PRESS: 0028.7 MIN TEMP: 118.2 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.0
PRESS CHANGE: 000.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.5
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/17/2015 23:39:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:47	0:00:00	28.7	28.9	30.2	68.9	92.8	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.4	115.0	125.9	120.8	76.1	74.6	107.3	323.7	608.0	320.1
14:31:47	0:01:00	28.0	28.2	30.2	68.0	92.2	117.7	118.3	117.9	116.9	118.3	118.2	118.1	119.3	127.6	125.9	120.7	76.1	82.3	107.3	323.7	608.0	314.1
14:32:47	0:02:00	27.3	27.5	30.2	66.6	90.7	117.5	118.1	117.8	116.8	118.2	118.1	118.0	118.9	125.7	125.8	120.6	76.1	85.6	107.4	323.7	608.0	306.6
14:33:47	0:03:00	26.7	26.8	30.2	65.7	89.5	117.5	118.1	117.8	116.7	118.2	118.0	117.9	118.6	124.6	125.8	120.6	76.2	87.6	107.3	323.7	608.0	299.1
14:34:48	0:04:00	26.0	26.1	30.2	64.3	87.8	117.4	118.1	117.7	116.6	118.2	118.0	117.8	119.0	127.1	125.8	120.5	76.1	89.4	107.3	323.7	608.0	291.5
14:35:48	0:05:00	25.3	25.5	30.2	63.4	86.6	117.4	118.1	117.7	116.6	118.2	118.0	117.9	119.6	127.5	125.7	120.4	76.2	90.4	107.4	323.7	608.0	283.9
14:36:48	0:06:01	24.6	24.8	30.2	62.1	84.7	117.5	118.2	117.7	116.6	118.2	118.0	117.8	119.8	126.5	125.6	120.4	76.2	91.5	107.4	323.7	608.0	275.0
14:37:48	0:07:01	24.0	24.1	30.2	61.1	83.4	117.5	118.2	117.7	116.6	118.2	118.0	117.8	119.4	125.3	125.6	120.3	76.2	92.0	107.4	323.7	608.0	267.3
14:38:48	0:08:01	23.3	23.4	30.2	60.2	82.2	117.5	118.2	117.7	116.6	118.3	118.1	117.9	119.2	124.7	125.6	120.2	76.2	92.2	107.4	323.7	608.0	261.4
14:39:48	0:09:01	22.6	22.7	30.2	58.9	80.4	117.4	118.2	117.7	116.5	118.2	118.0	117.8	119.3	126.6	125.5	120.1	76.2	92.6	107.4	323.7	608.0	253.8
14:40:48	0:10:01	21.9	22.0	30.2	58.0	79.2	117.4	118.2	117.7	116.5	118.2	117.9	117.8	119.9	127.7	125.4	120.1	76.3	92.6	107.4	323.7	608.0	244.8
14:41:48	0:11:01	21.2	21.4	30.2	57.5	78.5	117.4	118.2	117.7	116.5	118.3	118.0	117.8	120.0	127.9	125.5	120.0	76.3	92.7	107.4	323.7	608.0	237.2
14:42:48	0:12:01	20.5	20.7	30.2	56.2	76.7	117.4	118.2	117.7	116.5	118.2	118.0	117.7	120.1	128.0	125.5	119.8	76.3	92.8	107.4	323.7	607.9	229.7

STERILANT REMOVAL SUMMARY 06/17/2015 23:51:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:52	0:12:05	20.5	20.6	30.2	56.2	76.7	117.4	118.2	117.7	116.5	118.2	117.9	117.7	120.3	128.0	125.5	119.8	76.3	92.8	107.4	323.7	608.0	229.7

START PRESS: 0028.7 MAX PRESS: 0028.7 MAX TEMP: 118.6 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.9 MAX GAS TEMP: 076.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 125.4 MIN GAS TEMP: 076.0
PRESS CHANGE: 008.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.8

POST N2 WASH(1) (Loop:1/6) 06/17/2015 23:51:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000144

14:42:53	0:00:00	20.5	20.6	30.2	56.2	76.7	117.4	118.2	117.7	116.5	118.2	117.9	117.7	120.3	128.0	125.5	119.8	76.3	92.8	107.4	323.7	608.0	229.7
14:44:53	0:02:00	23.2	23.3	30.2	58.9	78.3	118.4	119.2	118.7	117.5	119.3	119.0	118.9	120.0	127.7	125.2	119.7	102.6	89.5	107.4	323.7	608.0	240.2
14:46:53	0:04:00	25.9	26.0	30.2	58.4	76.9	118.8	119.6	119.1	117.9	119.7	119.3	119.3	120.4	127.7	125.1	119.5	109.7	86.6	107.3	323.7	608.0	232.7

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/17/2015 23:57:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:47	0:05:55	28.5	28.6	30.2	57.5	75.3	119.0	119.7	119.2	118.2	119.9	119.5	119.6	120.3	127.3	125.0	119.2	110.6	84.5	107.3	323.7	608.0	220.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.5 MAX GAS TEMP: 110.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.0 MIN GAS TEMP: 076.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:1/6) 06/17/2015 23:57:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:47	0:00:00	28.5	28.6	30.2	57.5	75.3	119.0	119.7	119.2	118.2	119.9	119.5	119.6	120.3	127.3	125.0	119.2	110.6	84.5	107.3	323.7	608.0	220.7
14:50:47	0:02:00	25.8	25.9	30.2	52.1	70.4	117.8	118.6	117.9	116.9	118.6	118.2	118.1	120.3	127.2	125.0	122.2	104.4	92.4	107.7	323.7	607.9	184.5
14:52:48	0:04:00	23.1	23.2	30.2	48.9	66.8	117.4	118.2	117.6	116.5	118.2	117.9	117.7	120.6	128.0	124.9	122.1	98.4	95.2	107.7	323.7	608.0	163.5

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/18/2015 00:03:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:40	0:05:52	20.5	20.6	30.2	46.2	63.3	117.2	118.0	117.5	116.3	118.1	117.7	117.5	120.0	127.5	124.9	122.0	94.1	96.4	107.7	323.7	607.9	148.4

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.1 MAX GAS TEMP: 110.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 124.8 MIN GAS TEMP: 094.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 122.3
EO USED PHASE: 000.1 EO USED CYCLE:020.3 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:2/6) 06/18/2015 00:03:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:40	0:00:00	20.5	20.6	30.2	46.2	63.3	117.2	118.0	117.5	116.3	118.1	117.7	117.5	120.0	127.5	124.9	122.0	94.1	96.4	107.7	323.7	607.9	148.4
14:56:40	0:02:00	23.2	23.3	30.2	48.9	64.8	118.5	119.3	118.8	117.6	119.4	119.0	119.0	120.1	127.7	124.7	121.7	107.6	92.7	107.6	323.7	607.9	158.9
14:58:40	0:04:00	25.9	26.0	30.2	49.3	64.8	118.9	119.7	119.1	118.1	119.8	119.4	119.5	120.3	127.9	124.7	121.5	112.2	89.4	107.6	323.7	608.0	156.0

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/18/2015 00:09:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:34	0:05:54	28.5	28.6	30.2	48.9	63.8	119.2	119.8	119.3	118.4	120.0	119.6	119.7	120.0	127.5	124.6	121.2	112.8	86.9	107.6	323.7	608.0	151.4

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.9
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.6 MIN GAS TEMP: 093.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.2

POST EVACUATION(1) (Loop:2/6) 06/18/2015 00:09:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:34	0:00:00	28.5	28.6	30.2	48.9	63.8	119.2	119.8	119.3	118.4	120.0	119.6	119.7	120.0	127.5	124.6	121.2	112.8	86.9	107.6	323.7	608.0	151.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000145

15:02:34	0:02:00	25.8	25.9	30.2	44.8	60.4	117.9	118.7	118.0	117.1	118.7	118.3	118.3	119.9	127.3	124.4	121.1	106.9	92.9	107.6	323.7	607.9	127.4
15:04:34	0:04:00	23.0	23.2	30.2	42.5	58.0	117.5	118.3	117.7	116.6	118.3	117.9	117.9	119.8	126.7	124.4	120.9	100.9	96.1	107.6	323.7	607.9	112.3

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/18/2015 00:15:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:26	0:05:53	20.5	20.6	30.2	40.7	55.8	117.3	118.1	117.5	116.4	118.2	117.8	117.7	119.2	124.3	124.3	120.8	96.5	97.5	107.6	323.7	608.0	104.9

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.6 MAX GAS TEMP: 112.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.3 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.7

POST N2 WASH(1) (Loop:3/6) 06/18/2015 00:15:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:26	0:00:00	20.5	20.6	30.2	40.7	55.8	117.3	118.1	117.5	116.4	118.2	117.8	117.7	119.2	124.3	124.3	120.8	96.5	97.5	107.6	323.7	608.0	104.9
15:08:26	0:02:00	23.2	23.3	30.2	43.4	57.5	118.6	119.4	118.8	117.7	119.5	119.1	119.1	119.2	124.2	124.2	120.5	107.5	94.2	107.6	323.7	608.0	113.8
15:10:27	0:04:00	25.9	26.1	30.2	43.9	57.5	119.0	119.7	119.2	118.2	119.9	119.5	119.6	119.2	124.4	124.1	120.3	111.5	90.8	107.5	323.7	608.0	113.8

POST N2 WASE(1) (Loop:3/6) SUMMARY 06/18/2015 00:21:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:21	0:05:55	28.5	28.6	30.2	43.9	57.1	119.3	119.9	119.4	118.6	120.0	119.6	119.8	119.3	123.5	124.1	120.0	112.1	88.3	107.5	323.7	608.0	110.8

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.4 MAX GAS TEMP: 112.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.1 MIN GAS TEMP: 096.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.0

POST EVACUATION(1) (Loop:3/6) 06/18/2015 00:21:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:21	0:00:00	28.5	28.6	30.2	43.9	57.1	119.3	119.9	119.4	118.6	120.0	119.6	119.8	119.3	123.5	124.1	120.0	112.1	88.3	107.5	323.7	608.0	110.8
15:14:21	0:02:00	25.8	25.9	30.2	40.7	54.8	117.9	118.7	118.0	117.2	118.8	118.3	118.4	119.4	123.8	129.3	119.8	106.5	93.8	107.5	323.7	608.0	94.2
15:16:21	0:04:00	23.1	23.2	30.2	38.9	52.9	117.6	118.3	117.7	116.8	118.4	118.0	118.0	119.6	124.1	128.9	119.7	100.9	96.4	107.5	323.7	608.0	85.2

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/18/2015 00:27:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:14	0:05:53	20.5	20.6	30.2	37.1	50.7	117.4	118.2	117.5	116.5	118.2	117.8	117.7	120.3	126.3	128.9	119.6	96.9	97.8	107.5	323.7	608.0	80.7

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 129.5 MAX GAS TEMP: 112.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.0 MIN GAS TEMP: 096.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.5

POST N2 WASH(1) (Loop:4/6) 06/18/2015 00:27:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:14	0:00:00	20.5	20.6	30.2	37.1	50.7	117.4	118.2	117.5	116.5	118.2	117.8	117.7	120.3	126.3	128.9	119.6	96.9	97.8	107.5	323.7	608.0	80.7
15:20:14	0:02:00	23.2	23.3	30.2	39.7	52.5	118.6	119.4	118.8	117.8	119.6	119.2	119.3	120.3	126.3	128.6	119.3	106.9	94.5	107.4	323.7	608.0	88.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000146

15:20:14	0:04:00	25.9	26.0	30.2	40.7	53.2	119.1	119.8	119.2	118.3	119.9	119.5	119.7	120.3	126.2	128.6	119.1	110.8	91.2	107.4	323.7	608.0	89.7

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/18/2015 00:33:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:08	0:05:54	28.5	28.6	30.2	40.7	53.0	119.3	119.9	119.4	118.6	120.1	119.7	120.0	120.4	127.1	128.5	122.1	112.4	88.6	107.8	323.7	608.0	86.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.9 MAX GAS TEMP: 112.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.5 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:4/6) 06/18/2015 00:33:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:08	0:00:00	28.5	28.6	30.2	40.7	53.0	119.3	119.9	119.4	118.6	120.1	119.7	120.0	120.4	127.1	128.5	122.1	112.4	88.6	107.8	323.7	608.0	86.7
15:26:08	0:02:00	25.8	25.9	30.2	38.0	51.1	118.0	118.8	118.1	117.2	118.8	118.4	118.5	120.5	127.2	128.4	122.0	107.2	94.6	107.7	323.7	608.0	74.6
15:28:08	0:04:00	23.1	23.2	30.2	36.2	49.2	117.6	118.3	117.7	116.8	118.4	118.0	118.0	120.4	127.4	128.3	121.9	101.6	97.2	107.8	323.7	608.0	67.1

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/18/2015 00:39:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:01	0:05:54	20.5	20.6	30.2	35.3	48.3	117.3	118.1	117.5	116.4	118.2	117.8	117.7	119.9	127.3	128.1	121.7	97.4	98.3	107.6	323.7	608.0	64.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.6 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 097.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.7

POST N2 WASH(1) (Loop:5/6) 06/18/2015 00:39:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:02	0:00:00	20.5	20.6	30.2	35.3	48.3	117.3	118.1	117.5	116.4	118.2	117.8	117.7	119.9	127.3	128.1	121.7	97.4	98.3	107.6	323.7	608.0	64.1
15:32:02	0:02:00	23.2	23.3	30.2	38.0	50.2	118.7	119.4	118.9	117.8	119.6	119.2	119.3	119.8	126.8	128.0	121.5	108.3	94.9	107.6	323.7	608.0	73.2
15:34:02	0:04:00	25.9	26.0	30.2	38.4	50.2	119.1	119.8	119.3	118.3	120.0	119.5	119.7	119.6	126.7	127.8	121.2	112.4	91.4	107.6	323.7	608.0	73.1

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/18/2015 00:45:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:56	0:05:54	28.5	28.6	30.2	38.9	50.6	119.3	119.9	119.4	118.6	120.1	119.7	120.0	119.3	125.9	127.8	121.0	113.0	88.8	107.5	323.7	607.9	71.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.2 MAX GAS TEMP: 113.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 127.7 MIN GAS TEMP: 097.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.0

POST EVACUATION(1) (Loop:5/6) 06/18/2015 00:45:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:56	0:00:00	28.5	28.6	30.2	38.9	50.6	119.3	119.9	119.4	118.6	120.1	119.7	120.0	119.3	125.9	127.8	121.0	113.0	88.8	107.5	323.7	607.9	71.6
15:37:56	0:02:00	25.8	25.9	30.2	35.7	48.0	118.0	118.8	118.1	117.3	118.7	118.3	118.4	119.2	124.7	127.7	120.8	107.5	94.0	107.5	323.7	608.0	61.1
15:39:56	0:04:00	23.1	23.2	30.2	34.3	46.7	117.6	118.3	117.8	116.8	118.5	118.1	118.1	119.2	124.5	127.6	120.7	101.9	96.8	107.5	323.7	608.0	55.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000147

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/18/2015 00:50:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:50	0:05:54	20.5	20.6	30.1	33.5	45.6	117.5	118.3	117.6	116.6	118.3	117.9	117.9	119.2	122.9	127.5	120.5	97.6	98.3	107.5	323.7	608.0	53.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 127.8 MAX GAS TEMP: 113.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 127.5 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.5

POST N2 WASH(1) (Loop:6/6) 06/18/2015 00:50:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:50	0:00:00	20.5	20.6	30.1	33.5	45.6	117.5	118.3	117.6	116.6	118.3	117.9	117.9	119.2	122.9	127.5	120.5	97.6	98.3	107.5	323.7	608.0	53.6
15:43:50	0:02:00	23.2	23.3	30.2	35.7	47.0	118.8	119.6	119.0	118.0	119.6	119.2	119.3	119.2	122.8	127.4	120.3	107.7	94.8	107.4	323.7	608.0	61.1
15:45:50	0:04:00	25.9	26.1	30.2	36.6	47.7	119.3	119.9	119.4	118.5	120.0	119.6	119.8	119.4	123.3	127.3	120.1	111.7	91.4	107.4	323.7	607.9	61.1

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/18/2015 00:56:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:45	0:05:55	28.5	28.6	30.1	37.1	48.0	119.4	120.2	119.5	118.7	120.2	119.7	120.1	119.9	125.0	127.2	119.8	112.1	89.0	107.5	323.7	608.0	59.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.5 MAX GAS TEMP: 112.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 127.1 MIN GAS TEMP: 097.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.8

POST EVACUATION(1) (Loop:6/6) 06/18/2015 00:56:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:45	0:00:00	28.5	28.6	30.1	37.1	48.0	119.4	120.2	119.5	118.7	120.2	119.7	120.1	119.9	125.0	127.2	119.8	112.1	89.0	107.5	323.7	608.0	59.6
15:49:45	0:02:00	25.7	25.9	30.2	34.3	46.0	118.1	118.8	118.2	117.4	118.9	118.4	118.6	120.1	125.5	127.1	119.7	106.8	94.8	107.5	323.7	608.0	52.1
15:51:46	0:04:00	23.1	23.2	30.1	33.5	45.3	117.7	118.5	117.8	116.9	118.5	118.1	118.2	120.4	126.3	127.0	119.5	101.5	97.4	107.5	323.7	608.0	47.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/18/2015 01:02:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:37	0:05:52	20.5	20.6	30.2	32.5	44.4	117.5	118.3	117.6	116.6	118.3	117.9	117.9	120.6	128.0	126.9	119.3	97.5	98.8	107.5	323.7	608.0	46.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.2 MAX GAS TEMP: 112.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.9 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:1/12) 06/18/2015 01:02:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:37	0:00:00	20.5	20.6	30.2	32.5	44.4	117.5	118.3	117.6	116.6	118.3	117.9	117.9	120.6	128.0	126.9	119.3	97.5	98.8	107.5	323.7	608.0	46.0
15:55:37	0:02:00	23.3	23.4	30.1	34.4	45.6	118.5	119.6	119.0	117.0	119.6	119.2	118.3	120.4	128.0	126.8	119.2	94.0	95.4	107.4	323.7	607.9	52.0
15:57:37	0:04:00	26.0	26.1	30.1	35.7	47.1	118.7	119.8	119.3	117.1	120.0	119.7	118.4	120.4	127.9	126.7	119.1	91.3	92.0	107.4	323.7	608.0	53.5
15:59:38	0:06:00	28.7	28.8	30.1	36.2	47.4	119.0	120.2	119.6	117.2	120.2	119.8	118.5	120.3	127.7	126.7	119.0	89.1	89.3	107.4	323.7	607.9	53.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000148

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/18/2015 01:09:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:02	0:06:24	29.3	29.4	30.1	36.6	48.0	119.0	120.2	119.6	117.3	120.3	119.9	118.5	120.3	125.6	126.6	119.0	88.7	88.8	107.3	323.7	608.0	53.6

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.9 MAX GAS TEMP: 097.5
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.6 MIN GAS TEMP: 088.7
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:1/12) 06/18/2015 01:09:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:02	0:00:00	29.3	29.4	30.1	36.6	48.0	119.0	120.2	119.6	117.3	120.3	119.9	118.5	120.3	125.6	126.6	119.0	88.7	88.8	107.3	323.7	608.0	53.6
16:02:02	0:02:00	26.6	26.7	30.2	34.3	46.2	118.0	118.8	118.3	117.0	118.9	118.5	118.2	120.3	125.9	126.5	122.3	86.9	94.5	107.8	323.7	608.0	44.5
16:04:02	0:04:00	23.9	24.0	30.1	33.0	44.8	117.7	118.5	117.9	116.7	118.5	118.2	117.9	120.3	126.0	126.5	122.1	85.6	97.1	107.7	323.7	608.0	41.5
16:06:02	0:06:00	21.1	21.2	30.1	32.5	44.4	117.5	118.3	117.7	116.5	118.3	118.0	117.8	120.5	127.0	126.3	122.0	84.3	98.7	107.7	323.7	608.0	40.1

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/18/2015 01:15:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:29	0:06:29	20.5	20.6	30.1	32.1	43.8	117.4	118.3	117.7	116.4	118.3	117.9	117.6	119.0	123.1	126.3	121.9	84.2	98.8	107.7	323.7	608.0	40.0

START PRESS: 0029.3 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.7 MAX GAS TEMP: 088.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.3 MIN GAS TEMP: 084.2
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:2/12) 06/18/2015 01:15:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:30	0:00:00	20.5	20.6	30.1	32.1	43.8	117.4	118.3	117.7	116.4	118.3	117.9	117.6	119.0	123.1	126.3	121.9	84.2	98.8	107.7	323.7	608.0	40.0
16:08:30	0:02:00	23.3	23.4	30.1	34.3	45.7	118.4	119.4	119.0	116.8	119.6	119.3	118.1	119.2	124.0	126.3	121.8	83.2	95.3	107.6	323.7	608.0	44.5
16:10:30	0:04:00	26.0	26.1	30.1	35.3	46.5	118.7	119.8	119.4	117.0	120.0	119.7	118.3	119.2	123.7	126.1	121.7	82.3	91.8	107.6	323.7	608.0	46.1
16:12:30	0:06:00	28.6	28.7	30.1	35.7	46.9	118.9	120.1	119.6	117.1	120.2	119.9	118.4	119.2	123.9	126.1	121.5	81.8	89.0	107.6	323.7	608.0	46.0

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/18/2015 01:22:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:57	0:06:27	29.3	29.4	30.1	35.7	46.9	118.9	120.2	119.6	117.1	120.3	120.0	118.4	120.5	127.6	126.1	121.5	81.6	88.5	107.6	323.7	608.0	46.0

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.4 MAX GAS TEMP: 084.2
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.0 MIN GAS TEMP: 081.6
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.4

POST EVACUATION(2) (Loop:2/12) 06/18/2015 01:22:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:57	0:00:00	29.3	29.4	30.1	35.7	46.9	118.9	120.2	119.6	117.1	120.3	120.0	118.4	120.5	127.6	126.1	121.5	81.6	88.5	107.6	323.7	608.0	46.0
16:14:57	0:02:00	26.6	26.7	30.1	33.5	45.0	118.0	118.8	118.3	116.9	118.9	118.5	118.1	120.4	127.6	125.9	121.4	81.0	94.3	107.6	323.7	608.0	40.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000149

16:16:57	0:04:00	23.8	24.0	30.1	32.1	43.6	117.6	118.5	117.9	116.6	118.6	118.2	117.9	120.3	127.8	125.9	121.2	80.5	97.0	107.6	323.7	608.0	35.5
16:18:57	0:06:00	21.1	21.2	30.1	31.6	43.2	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.3	127.9	125.7	121.1	80.1	98.6	107.6	323.7	608.0	34.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/18/2015 01:28:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:24	0:06:27	20.5	20.6	30.1	31.6	43.3	117.4	118.3	117.6	116.3	118.3	118.0	117.7	120.0	125.2	125.7	121.0	80.0	98.8	107.6	323.7	608.0	34.0

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.1 MAX GAS TEMP: 081.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.7 MIN GAS TEMP: 080.0
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.0

AIR BACKFILL(1) (Loop:3/12) 06/18/2015 01:28:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:24	0:00:00	20.5	20.6	30.1	31.6	43.3	117.4	118.3	117.6	116.3	118.3	118.0	117.7	120.0	125.2	125.7	121.0	80.0	98.8	107.6	323.7	608.0	34.0
16:21:24	0:02:00	23.3	23.4	30.1	33.5	44.5	118.5	119.6	119.1	116.8	119.7	119.4	118.1	119.9	125.4	125.5	120.9	79.7	95.3	107.5	323.7	608.0	40.0
16:23:24	0:04:00	26.0	26.1	30.1	34.3	45.3	118.7	119.9	119.4	116.9	120.1	119.7	118.3	120.0	125.4	125.5	120.7	79.3	91.9	107.5	323.7	608.0	40.0
16:25:24	0:06:00	28.6	28.7	30.2	35.3	46.3	119.0	120.2	119.7	117.1	120.2	119.9	118.3	120.1	125.8	125.4	120.6	79.1	89.2	107.5	323.7	607.9	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/18/2015 01:34:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:51	0:06:27	29.3	29.4	30.1	35.3	46.3	118.9	120.2	119.7	117.0	120.3	120.0	118.3	119.2	124.7	125.3	120.5	79.0	88.7	107.5	323.7	608.0	40.1

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.7 MAX GAS TEMP: 080.0
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.3 MIN GAS TEMP: 079.0
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.5

POST EVACUATION(2) (Loop:3/12) 06/18/2015 01:34:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:51	0:00:00	29.3	29.4	30.1	35.3	46.3	118.9	120.2	119.7	117.0	120.3	120.0	118.3	119.2	124.7	125.3	120.5	79.0	88.7	107.5	323.7	608.0	40.1
16:27:51	0:02:00	26.6	26.7	30.2	33.0	44.3	118.1	118.9	118.4	116.9	118.9	118.6	118.1	119.3	123.2	125.2	120.4	78.8	94.8	107.5	323.7	608.0	34.0
16:29:51	0:04:00	23.9	24.0	30.2	31.6	42.9	117.7	118.6	118.0	116.6	118.6	118.2	117.8	119.3	123.4	125.1	120.3	78.7	97.5	107.5	323.7	608.0	31.0
16:31:51	0:06:00	21.1	21.2	30.2	30.7	41.8	117.5	118.3	117.8	116.4	118.4	118.1	117.7	119.4	123.6	125.0	120.2	78.5	99.0	107.5	323.7	608.0	29.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/18/2015 01:41:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:32:17	0:06:27	20.5	20.6	30.2	30.7	42.0	117.4	118.3	117.7	116.3	118.3	117.9	117.6	120.0	127.4	124.9	120.1	78.4	99.2	107.5	323.7	608.0	29.4

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.3 MAX GAS TEMP: 079.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.9 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:4/12) 06/18/2015 01:41:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000150

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

16:32:13	0:00:00	20.5	20.6	30.2	30.7	42.0	117.4	118.3	117.7	116.3	118.3	117.9	117.6	120.0	127.4	124.9	120.1	78.4	99.2	107.5	323.7	608.0	29.4
16:34:13	0:02:00	23.2	23.3	30.2	32.5	43.2	118.5	119.6	119.1	116.8	119.6	119.4	118.0	119.6	126.8	125.1	120.0	78.3	95.7	107.5	323.7	608.0	34.0
16:36:13	0:04:00	25.9	26.0	30.2	33.9	44.7	118.8	119.9	119.5	116.9	120.0	119.7	118.2	119.6	126.5	124.9	119.8	78.2	92.3	107.5	323.7	608.0	35.5
16:38:13	0:06:00	28.7	28.9	30.2	34.3	45.1	118.9	120.2	119.7	116.9	120.3	120.0	118.2	119.3	125.6	124.8	119.6	78.0	89.6	107.5	323.7	607.9	35.5

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/18/2015 01:47:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:46	0:06:29	29.3	29.4	30.2	34.8	45.7	118.9	120.2	119.7	116.9	120.4	120.0	118.3	120.3	126.2	124.8	119.7	78.0	89.1	107.5	323.7	608.0	35.5

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.1 MAX GAS TEMP: 078.5
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.8 MIN GAS TEMP: 078.0
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.6

POST EVACUATION(2) (Loop:4/12) 06/18/2015 01:47:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:46	0:00:00	29.3	29.4	30.2	34.8	45.7	118.9	120.2	119.7	116.9	120.4	120.0	118.3	120.3	126.2	124.8	119.7	78.0	89.1	107.5	323.7	608.0	35.5
16:40:46	0:02:00	26.6	26.7	30.2	32.5	43.8	118.0	118.8	118.4	116.8	118.9	118.6	118.1	120.4	126.5	124.6	119.5	77.9	94.7	107.5	323.7	608.0	29.5
16:42:46	0:04:00	23.8	23.9	30.1	31.2	42.3	117.7	118.6	118.0	116.6	118.5	118.2	117.8	120.3	126.5	124.4	119.3	77.7	97.3	107.5	323.7	607.9	28.0
16:44:47	0:06:00	21.1	21.2	30.1	30.3	41.2	117.5	118.3	117.8	116.4	118.4	118.1	117.6	120.4	127.2	124.4	119.2	77.6	98.7	107.5	323.7	607.9	26.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/18/2015 01:54:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:45:13	0:06:27	20.5	20.6	30.1	30.3	41.4	117.4	118.3	117.7	116.2	118.3	118.0	117.5	119.0	123.0	124.5	119.2	77.5	98.8	107.4	323.7	608.0	26.5

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.8 MAX GAS TEMP: 078.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.3 MIN GAS TEMP: 077.5
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:5/12) 06/18/2015 01:54:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:45:13	0:00:00	20.5	20.6	30.1	30.3	41.4	117.4	118.3	117.7	116.2	118.3	118.0	117.5	119.0	123.0	124.5	119.2	77.5	98.8	107.4	323.7	608.0	26.5
16:47:14	0:02:00	23.3	23.4	30.1	32.5	43.3	118.4	119.6	119.1	116.7	119.7	119.4	118.0	119.2	122.9	124.2	119.1	77.4	95.4	107.4	323.7	608.0	29.5
16:49:14	0:04:00	26.0	26.1	30.1	33.0	43.6	118.7	119.8	119.4	116.9	120.0	119.7	118.2	119.2	122.9	124.2	118.8	77.3	91.9	107.3	323.7	608.0	31.0
16:51:14	0:06:00	28.6	28.7	30.1	33.9	44.6	118.9	120.2	119.6	116.9	120.3	120.0	118.3	119.3	123.1	124.0	118.8	77.2	89.2	107.3	323.7	608.0	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/18/2015 02:00:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:51:40	0:06:26	29.3	29.4	30.1	33.9	44.5	118.9	120.2	119.7	116.9	120.3	120.0	118.3	119.9	127.4	124.0	118.7	77.2	88.7	107.3	323.7	608.0	31.0

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.5 MAX GAS TEMP: 077.6
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.7

POST EVACUATION(2) (Loop:5/12) 06/18/2015 02:00:47

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000151

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
16:51:40	0:00:00	29.3	29.4	30.1	33.9	44.5	118.9	120.2	119.7	116.9	120.3	120.0	118.3	119.9	127.4	124.0	118.7	77.2	88.7	107.3	323.7	608.0	31.0
16:53:40	0:02:00	26.6	26.7	30.1	32.1	43.2	118.0	118.8	118.4	116.8	118.9	118.6	118.1	119.9	127.2	129.0	122.3	77.2	94.3	107.7	323.7	608.0	26.5
16:55:40	0:04:00	23.8	24.0	30.1	30.7	41.7	117.7	118.6	118.0	116.6	118.6	118.3	117.8	119.6	126.7	128.8	122.1	77.0	97.0	107.6	323.7	608.0	23.5
16:57:40	0:06:00	21.1	21.2	30.1	29.8	40.7	117.4	118.3	117.8	116.3	118.4	118.1	117.6	119.4	125.8	128.8	122.0	77.0	98.4	107.7	323.7	608.0	22.0

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/18/2015 02:07:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:58:05	0:06:25	20.5	20.6	30.1	29.4	40.1	117.4	118.3	117.8	116.3	118.3	118.0	117.6	120.3	126.7	128.8	122.0	77.0	98.8	107.6	323.7	608.0	22.0

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 129.2 MAX GAS TEMP: 077.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.9
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.7

AIR BACKFILL(1) (Loop:6/12) 06/18/2015 02:07:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:58:05	0:00:00	20.5	20.6	30.1	29.4	40.1	117.4	118.3	117.8	116.3	118.3	118.0	117.6	120.3	126.7	128.8	122.0	77.0	98.8	107.6	323.7	608.0	22.0
17:00:05	0:02:00	23.3	23.4	30.1	31.6	42.1	118.4	119.6	119.1	116.7	119.7	119.4	118.0	120.4	127.4	128.7	121.9	76.9	95.3	107.6	323.7	608.0	26.5
17:02:05	0:04:00	26.0	26.2	30.1	32.5	42.9	118.8	119.9	119.5	116.9	120.1	119.8	118.3	120.4	127.8	128.7	121.7	76.8	91.9	107.6	323.7	608.0	28.0
17:04:06	0:06:00	28.6	28.8	30.1	33.5	43.9	118.9	120.2	119.7	117.0	120.3	120.0	118.3	120.5	128.0	128.6	121.5	76.8	89.2	107.6	323.7	608.0	26.5

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/18/2015 02:13:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:04:29	0:06:23	29.3	29.4	30.1	33.5	43.9	118.9	120.2	119.7	117.0	120.4	120.1	118.4	119.8	124.3	128.6	121.5	76.8	88.8	107.6	323.7	608.0	26.5

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.9 MAX GAS TEMP: 077.0
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.6 MIN GAS TEMP: 076.7
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:6/12) 06/18/2015 02:13:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:04:29	0:00:00	29.3	29.4	30.1	33.5	43.9	118.9	120.2	119.7	117.0	120.4	120.1	118.4	119.8	124.3	128.6	121.5	76.8	88.8	107.6	323.7	608.0	26.5
17:06:29	0:02:00	26.6	26.7	30.1	31.6	42.5	118.0	118.9	118.4	116.8	119.0	118.7	118.1	119.9	125.0	128.5	121.4	76.8	94.7	107.7	323.7	607.9	22.0
17:08:30	0:04:00	23.8	24.0	30.1	30.3	41.0	117.7	118.6	118.0	116.6	118.6	118.3	117.8	120.3	125.9	128.5	121.2	76.7	97.3	107.6	323.7	608.0	21.9
17:10:30	0:06:00	21.1	21.2	30.1	29.4	40.0	117.5	118.3	117.8	116.4	118.4	118.1	117.7	120.5	126.8	128.3	121.1	76.8	98.8	107.6	323.7	607.9	20.5

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/18/2015 02:20:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:54	0:06:25	20.5	20.6	30.1	29.4	40.1	117.4	118.3	117.8	116.3	118.3	118.1	117.6	119.0	122.8	128.3	121.0	76.7	99.2	107.6	323.7	607.9	20.5

START PRESS: 0029.3 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.7 MAX GAS TEMP: 076.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.3 MIN GAS TEMP: 076.7
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000152

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

AIR BACKFILL(1) (Loop:7/12) 06/18/2015 02:20:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:55	0:00:00	20.5	20.6	30.1	29.4	40.1	117.4	118.3	117.8	116.3	118.3	118.1	117.6	119.0	122.8	128.3	121.0	76.7	99.2	107.6	323.7	607.9	20.5
17:12:55	0:02:00	23.2	23.3	30.1	31.2	41.4	118.5	119.7	119.2	116.8	119.7	119.4	118.0	119.3	123.5	128.3	121.0	76.8	95.7	107.6	323.7	608.0	23.5
17:14:55	0:04:00	25.9	26.0	30.1	32.6	42.9	118.8	119.9	119.5	116.9	120.1	119.8	118.2	119.4	123.6	128.1	120.8	76.8	92.3	107.6	323.7	607.9	23.5
17:16:55	0:06:00	28.7	28.8	30.1	33.0	43.3	118.9	120.2	119.7	117.0	120.3	120.0	118.3	119.6	124.1	128.1	120.6	76.7	89.6	107.6	323.7	607.9	23.5

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/18/2015 02:26:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:17:23	0:06:26	29.3	29.4	30.1	33.0	43.2	119.0	120.3	119.8	117.1	120.3	120.0	118.3	120.3	127.8	128.1	120.6	76.8	89.1	107.6	323.7	608.0	23.5

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 128.3 MAX GAS TEMP: 076.9
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.1 MIN GAS TEMP: 076.7
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.6

POST EVACUATION(2) (Loop:7/12) 06/18/2015 02:26:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:17:23	0:00:00	29.3	29.4	30.1	33.0	43.2	119.0	120.3	119.8	117.1	120.3	120.0	118.3	120.3	127.8	128.1	120.6	76.8	89.1	107.6	323.7	608.0	23.5
17:19:23	0:02:00	26.6	26.7	30.1	30.7	41.3	118.1	118.9	118.4	116.9	119.0	118.7	118.1	119.8	127.1	127.8	120.4	76.7	94.7	107.5	323.7	608.0	20.5
17:21:23	0:04:00	23.8	23.9	30.1	29.8	40.5	117.6	118.5	118.0	116.5	118.6	118.3	117.8	119.8	126.9	127.6	120.3	76.7	97.3	107.6	323.7	608.0	19.0
17:23:23	0:06:00	21.1	21.2	30.1	29.4	40.0	117.6	118.3	117.9	116.5	118.4	118.1	117.6	119.6	126.2	127.5	120.2	76.7	98.7	107.6	323.7	608.0	17.5

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/18/2015 02:32:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:49	0:06:2	20.5	20.6	30.1	28.9	39.5	117.4	118.3	117.8	116.3	118.3	118.1	117.6	120.4	126.7	127.4	120.1	76.7	98.8	107.5	323.7	608.0	17.5

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.1 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 127.4 MIN GAS TEMP: 076.7
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:8/12) 06/18/2015 02:32:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:49	0:00:00	20.5	20.6	30.1	28.9	39.5	117.4	118.3	117.8	116.3	118.3	118.1	117.6	120.4	126.7	127.4	120.1	76.7	98.8	107.5	323.7	608.0	17.5
17:25:49	0:02:00	23.3	23.4	30.1	30.7	40.9	118.4	119.6	119.1	116.7	119.7	119.5	118.0	120.3	126.8	127.4	120.0	76.7	95.3	107.5	323.7	608.0	20.0
17:27:49	0:04:00	26.0	26.1	30.1	31.6	41.7	118.8	119.9	119.5	116.9	120.1	119.8	118.1	120.3	127.1	127.2	119.8	76.6	91.9	107.4	323.7	608.0	22.0
17:29:50	0:06:00	28.7	28.8	30.1	32.5	42.7	119.0	120.2	119.7	117.1	120.3	120.0	118.4	120.3	127.0	127.1	119.7	76.6	89.1	107.4	323.7	608.0	22.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/18/2015 02:39:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:30:15	0:06:25	29.3	29.4	30.1	32.5	42.6	119.0	120.3	119.8	117.1	120.4	120.1	118.4	119.3	123.4	127.1	119.7	76.6	88.7	107.4	323.7	608.0	22.0

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.5 MAX GAS TEMP: 076.8
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000153

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:8/12) 06/18/2015 02:39:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:30:15	0:00:00	29.3	29.4	30.1	32.5	42.6	119.0	120.3	119.8	117.1	120.4	120.1	118.4	119.3	123.4	127.1	119.7	76.6	88.7	107.4	323.7	608.0	22.0
17:32:15	0:02:00	26.6	26.7	30.1	30.1	40.4	118.1	118.9	118.4	116.9	119.0	118.7	118.1	119.4	123.6	127.0	119.6	76.6	94.3	107.4	323.7	608.0	17.4
17:34:15	0:04:00	23.9	24.0	30.1	29.4	39.7	117.8	118.6	118.1	116.7	118.6	118.3	117.8	119.8	124.5	126.9	119.5	76.6	96.8	107.3	323.7	608.0	16.0
17:36:15	0:06:00	21.1	21.3	30.1	28.4	38.7	117.5	118.3	117.9	116.4	118.5	118.2	117.7	120.0	125.3	126.9	119.3	76.5	98.3	107.3	323.7	608.0	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/18/2015 02:45:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:42	0:06:27	20.5	20.8	30.1	28.6	39.0	117.4	118.3	117.8	116.3	118.3	118.1	117.6	119.3	125.5	126.8	119.3	76.5	98.7	107.3	323.7	608.0	16.0

START PRESS: 0029.3 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.1 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.8 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:9/12) 06/18/2015 02:45:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:42	0:00:00	20.5	20.6	30.1	28.6	39.0	117.4	118.3	117.8	116.3	118.3	118.1	117.6	119.3	125.5	126.8	119.3	76.5	98.7	107.3	323.7	608.0	16.0
17:38:42	0:02:00	23.3	23.5	30.1	30.3	40.1	118.6	119.7	119.3	116.8	119.8	119.5	118.1	119.0	124.4	126.7	119.2	76.4	95.1	107.3	323.7	608.0	19.0
17:40:42	0:04:00	26.0	26.1	30.1	31.2	41.1	118.8	119.9	119.5	117.0	120.1	119.9	118.3	118.9	123.7	126.6	119.0	76.4	91.7	107.2	323.7	607.9	19.0
17:42:42	0:06:00	28.6	28.8	30.1	32.1	42.1	119.0	120.2	119.7	117.1	120.4	120.1	118.4	118.9	122.9	126.6	118.8	76.4	89.1	107.2	323.7	608.0	19.0

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/18/2015 02:52:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:43:08	0:06:26	29.3	29.4	30.1	32.5	42.6	119.1	120.3	119.8	117.2	120.4	120.1	118.4	120.4	127.8	126.5	118.8	76.4	88.5	107.2	323.7	608.0	19.0

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.8 MAX GAS TEMP: 076.5
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.5 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:9/12) 06/18/2015 02:52:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:43:08	0:00:00	29.3	29.4	30.1	32.5	42.6	119.1	120.3	119.8	117.2	120.4	120.1	118.4	120.4	127.8	126.5	118.8	76.4	88.5	107.2	323.7	608.0	19.0
17:45:08	0:02:00	26.5	26.7	30.1	29.8	40.0	118.1	118.9	118.5	116.9	119.0	118.7	118.1	120.1	127.6	126.5	122.3	76.4	94.4	107.6	323.7	608.0	16.0
17:47:08	0:04:00	23.8	23.9	30.1	28.9	39.2	117.7	118.6	118.1	116.6	118.7	118.4	117.9	120.1	127.5	126.5	122.3	76.4	97.2	107.6	323.7	608.0	14.5
17:49:08	0:06:00	21.1	21.2	30.1	28.5	38.7	117.5	118.3	117.9	116.4	118.4	118.1	117.7	119.8	126.7	126.2	122.1	76.4	98.7	107.6	323.7	608.0	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/18/2015 02:58:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:49:35	0:06:57	20.5	20.8	30.1	28.0	38.1	117.5	118.3	117.8	116.4	118.4	118.1	117.6	120.1	125.8	126.2	122.1	76.4	98.8	107.6	323.7	608.0	14.4

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.6 MAX GAS TEMP: 076.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000154

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.1 MIN GAS TEMP: 076.3
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:10/12) 06/18/2015 02:58:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:49:35	0:00:00	20.5	20.6	30.1	28.0	38.1	117.5	118.3	117.8	116.4	118.4	118.1	117.6	120.1	125.8	126.2	122.1	76.4	98.8	107.6	323.7	608.0	14.4
17:51:35	0:02:00	23.3	23.4	30.1	30.3	40.2	118.5	119.7	119.2	116.8	119.8	119.5	118.1	120.3	126.1	126.1	122.0	76.4	95.3	107.6	323.7	608.0	16.0
17:53:35	0:04:00	26.0	26.1	30.1	30.7	40.5	118.8	119.9	119.6	117.0	120.1	119.8	118.3	120.3	126.9	126.1	121.8	76.4	91.8	107.6	323.7	608.0	16.0
17:55:35	0:06:00	28.6	28.8	30.1	31.6	41.4	119.0	120.3	119.8	117.1	120.4	120.1	118.4	120.4	127.4	125.9	121.7	76.4	89.2	107.6	323.7	608.0	16.0

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/18/2015 03:05:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:58:01	0:06:26	29.3	29.4	30.1	31.6	41.4	119.0	120.3	119.8	117.1	120.4	120.1	118.5	119.0	122.9	125.9	121.6	76.4	88.7	107.6	323.7	608.0	15.9

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.2 MAX GAS TEMP: 076.5
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.9 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.6

POST EVACUATION(2) (Loop:10/12) 06/18/2015 03:05:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:58:01	0:00:00	29.3	29.4	30.1	31.6	41.4	119.0	120.3	119.8	117.1	120.4	120.1	118.5	119.0	122.9	125.9	121.6	76.4	88.7	107.6	323.7	608.0	15.9
17:58:01	0:02:00	26.5	26.7	30.1	29.8	40.0	118.1	118.9	118.4	116.9	119.1	118.8	118.2	119.4	123.3	125.9	121.5	76.5	94.6	107.6	323.7	608.0	14.4
18:00:01	0:04:00	23.8	23.9	30.1	28.5	38.5	117.7	118.6	118.1	116.6	118.7	118.4	118.0	119.6	123.9	125.8	121.4	76.5	97.2	107.6	323.7	608.0	12.9
18:02:02	0:06:00	21.1	21.2	30.1	28.0	38.1	117.6	118.3	117.9	116.5	118.4	118.2	117.7	119.8	124.3	125.7	121.3	76.6	98.7	107.6	323.7	608.0	12.9

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/18/2015 03:11:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:02:28	0:06:27	20.5	20.6	30.1	27.5	37.5	117.5	118.3	117.8	116.3	118.3	118.1	117.6	119.8	126.8	125.7	121.2	76.5	98.8	107.6	323.7	608.0	12.9

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.0 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.6 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:11/12) 06/18/2015 03:11:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:02:28	0:00:00	20.5	20.6	30.1	27.5	37.5	117.5	118.3	117.8	116.3	118.3	118.1	117.6	119.8	126.8	125.7	121.2	76.5	98.8	107.6	323.7	608.0	12.9
18:04:28	0:02:00	23.3	23.4	30.1	29.8	39.5	118.5	119.7	119.2	116.8	119.8	119.5	118.1	119.4	126.0	125.5	121.0	76.5	95.4	107.6	323.7	608.0	14.5
18:06:28	0:04:00	26.0	26.1	30.1	30.7	40.4	118.9	120.1	119.6	117.0	120.2	119.9	118.3	119.2	124.9	125.5	120.9	76.6	92.1	107.6	323.7	608.0	14.5
18:08:28	0:06:00	28.8	28.9	30.1	31.2	40.8	119.1	120.3	119.8	117.2	120.4	120.1	118.5	118.9	124.0	125.3	120.7	76.6	89.3	107.6	323.7	608.0	14.5

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/18/2015 03:17:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:52	0:06:24	29.3	29.4	30.1	31.6	41.4	119.0	120.3	119.8	117.1	120.4	120.1	118.5	120.5	127.7	125.3	120.8	76.6	89.0	107.6	323.7	608.0	14.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000155

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.7 MAX GAS TEMP: 076.6
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:11/12) 06/18/2015 03:17:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:08:52	0:00:00	29.3	29.4	30.1	31.6	41.4	119.0	120.3	119.8	117.1	120.4	120.1	118.5	120.5	127.7	125.3	120.8	76.6	89.0	107.6	323.7	608.0	14.4
18:10:52	0:02:00	26.6	26.7	30.1	29.4	39.4	118.1	118.9	118.5	116.9	119.1	118.7	118.2	120.6	128.0	125.3	120.5	76.6	94.6	107.5	323.6	607.9	12.9
18:12:52	0:04:00	23.8	24.0	30.1	28.5	38.5	117.7	118.6	118.1	116.6	118.7	118.4	118.0	120.3	127.7	125.2	120.4	76.6	97.2	107.6	323.7	608.0	11.5
18:14:52	0:06:00	21.1	21.2	30.1	27.5	37.5	117.5	118.3	117.9	116.4	118.4	118.1	117.7	120.0	127.4	125.1	120.3	76.6	98.7	107.5	323.7	608.0	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/18/2015 03:24:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:18	0:06:26	20.5	20.6	30.1	27.5	37.5	117.5	118.3	117.8	116.4	118.4	118.2	117.7	120.0	125.3	125.0	120.2	76.6	98.8	107.6	323.7	607.9	11.4

START PRESS: 0029.3 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.3 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 607.9 MIN PRE TEMP: 125.0 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 120.2

AIR BACKFILL(1) (Loop:12/12) 06/18/2015 03:24:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:18	0:00:00	20.5	20.6	30.1	27.5	37.5	117.5	118.3	117.8	116.4	118.4	118.2	117.7	120.0	125.3	125.0	120.2	76.6	98.8	107.6	323.7	607.9	11.4
18:17:18	0:02:00	23.3	23.4	30.1	29.4	39.0	118.5	119.6	119.2	116.7	119.7	119.5	118.1	120.0	125.5	125.0	120.1	76.6	95.4	107.5	323.7	608.0	12.9
18:19:18	0:04:00	26.0	26.1	30.1	30.3	39.8	118.9	120.1	119.6	117.1	120.1	119.8	118.3	120.0	125.8	124.8	119.8	76.6	92.0	107.5	323.7	608.0	12.9
18:21:18	0:06:00	28.6	28.8	30.1	31.2	40.9	119.0	120.2	119.7	117.1	120.4	120.1	118.4	120.0	125.8	124.7	119.8	76.6	89.3	107.5	323.7	607.9	12.9

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/18/2015 03:30:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:45	0:06:27	29.3	29.4	30.1	31.2	40.8	119.0	120.3	119.8	117.1	120.4	120.1	118.4	119.2	124.8	124.7	119.8	76.7	88.8	107.4	323.7	608.0	12.9

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 125.1 MAX GAS TEMP: 076.7
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.6 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:12/12) 06/18/2015 03:30:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:45	0:00:00	29.3	29.4	30.1	31.2	40.8	119.0	120.3	119.8	117.1	120.4	120.1	118.4	119.2	124.8	124.7	119.8	76.7	88.8	107.4	323.7	608.0	12.9
18:23:45	0:02:00	26.5	26.7	30.1	29.4	39.4	118.1	118.9	118.4	116.9	119.0	118.7	118.1	118.9	123.4	124.6	119.7	76.7	94.5	107.5	323.7	608.0	11.4
18:25:45	0:04:00	23.8	23.9	30.1	28.0	37.9	117.7	118.6	118.1	116.6	118.7	118.4	117.9	119.2	122.9	124.5	119.5	76.6	97.2	107.4	323.7	608.0	9.9
18:27:45	0:06:00	21.1	21.2	30.1	27.5	37.5	117.5	118.3	117.9	116.4	118.4	118.2	117.7	119.6	124.0	124.4	119.3	76.6	98.6	107.4	323.7	608.0	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/18/2015 03:37:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000156

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033693

18:28:10	0:06:35	20.5	20.6	30.1	27.1	37.0	117.4	118.3	117.8	116.3	118.4	118.1	117.6	120.1	127.6	124.4	119.3	76.6	98.8	107.4	323.7	608.0	9.9

START PRESS: 0029.3 MAX PRESS: 0029.4 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.7 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.3 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 119.3

AIR BACKFILL(2) 06/18/2015 03:37:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:28:10	0:00:00	20.5	20.6	30.1	27.1	37.0	117.4	118.3	117.8	116.3	118.4	118.1	117.6	120.1	127.6	124.4	119.3	76.6	98.8	107.4	323.7	608.0	9.9
18:29:10	0:01:00	21.9	22.0	30.1	28.5	38.2	118.1	119.2	118.7	116.5	119.2	119.0	117.8	119.9	127.2	124.3	119.3	76.7	97.0	107.3	323.7	608.0	9.9
18:30:10	0:02:00	23.3	23.4	30.1	29.4	39.0	118.5	119.6	119.2	116.7	119.8	119.5	118.1	120.0	127.5	124.2	119.2	76.6	95.2	107.4	323.7	608.0	11.5
18:31:10	0:03:00	24.7	24.8	30.1	29.8	39.4	118.7	119.8	119.4	116.9	120.0	119.7	118.2	119.8	127.0	124.1	119.1	76.6	93.4	107.3	323.6	608.0	11.5
18:32:10	0:04:00	26.0	26.2	30.1	29.8	39.2	118.9	120.1	119.6	117.0	120.1	119.8	118.3	119.9	127.2	124.1	119.1	76.6	91.8	107.3	323.7	608.0	11.5
18:33:10	0:05:00	27.3	27.5	30.1	30.4	39.9	118.9	120.2	119.7	117.0	120.3	120.0	118.3	119.8	127.1	124.0	119.0	76.6	90.3	107.3	323.7	608.0	11.5
18:34:10	0:06:01	28.6	28.8	30.1	30.7	40.2	119.0	120.3	119.8	117.1	120.4	120.1	118.4	119.9	127.2	124.0	118.8	76.6	89.1	107.2	323.7	608.0	11.4

AIR BACKFILL(2) SUMMARY 06/18/2015 03:43:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:35	0:06:36	29.3	29.4	30.1	30.7	40.2	119.0	120.3	119.8	117.1	120.4	120.1	118.4	120.3	126.1	124.0	118.8	76.6	88.6	107.3	323.7	608.0	11.4

START PRESS: 0020.5 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.4 MAX GAS TEMP: 076.7
END PRESS: 0029.3 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 123.9 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:020.3 MIN VAP TEMP: 118.8

END OF CYCLE 06/18/2015 03:43:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:35	0:00:00	29.3	29.4	30.1	30.7	40.2	119.0	120.3	119.8	117.1	120.4	120.1	118.4	120.3	126.1	124.0	118.8	76.6	88.6	107.3	323.7	608.0	11.4
DRUM 1 EMPTY ALARM RESET 06/18/2015 03:43:42																							
18:34:35	0:00:00	29.3	29.4	30.1	30.7	40.2	119.0	120.3	119.8	117.1	120.4	120.1	118.4	120.3	126.1	124.0	118.8	76.6	88.6	107.3	323.7	608.0	11.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000157

Aeration Validation

Set "B"

Sterilization Cycle# CB500300

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500300 Load Number: Dunnage Load

Date Cycle Completed: June 9, 2015 Time Cycle Completed: 05:47

Date Aeration Completed: June 10, 2015 Time Aeration Completed: 06:00

Notes: Chamber B (STE14-030/031), (Set B: 1X), (Set B: 1 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	101.9	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	42	40	70	%
Room RH Max	56	40	70	%
PCR Elapsed Time	12:05	12:00	96:00	Hrs:Min
Load Time	9	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	4	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	87	38	390	Minutes
Chamber Moisture Min	54.3	18.3	86.3	mg/L
Chamber Moisture Max	65.7	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	*28.1	27.0	28.0	inHgA
EtO Inject Elapsed Time	10	3	60	Minutes
EtO Gas Weight Used	15.1	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.1	28.5	29.5	inHgA
Chamber Temperature Min	117.3	95	130	°F
Chamber Temperature Max	119.1	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	314.0	200	480	mg/L
Gas Concentration Max	400.0	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.0	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.0	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.0	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.0	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.0	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.0	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.0	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.0	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.0	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.0	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.0	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.0	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.0	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:00	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	105	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.4	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.1 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Bell Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 11:05	DATE: 6/8/15
CB500300	CYCLE LOAD TIME: 11:10	DATE: 6/8/15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: MM

STARTING PCR TEMP: 101.9 STARTING PCR TIME: 23:05 START PCR DATE: 06-07-15

PCR MIN RH: 42 PCR MIN TEMP: 103

PCR MAX RH: 56 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: MM PCR CIRCULATOR RUNNING: MM

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013960			
STE14-030	6 Pallet	Residuals	(Set-B:1X).	(Set-B:1 of 3X)	

CYCLE START TIME: 11:19 CYCLE START DATE: 6/8/15 ETC RUN #: 150

CYCLE END TIME: 05:47 CYCLE END DATE: 06-09-15 PRIMARY START TIME: 06:00

PRIMARY END TIME: 06:00 PRIMARY END DATE: 06-10-15 MIN TEMP: 105 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: K.S.

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: Nabil Bouilli Management Review:

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

```
*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
```

CHAMBER 103369-3

DATE: 06/08/2015
TIME: 11:19:40 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000150

LOAD NUMBER 1: CB500300
LOAD NUMBER 2: 5013960
LOAD NUMBER 3: STE14-030 6 PALLET
LOAD NUMBER 4: RESIDUALS
LOAD NUMBER 5: SETB1X SETB1 OF 3X
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00005016

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000165

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000166

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 08 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000167

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000168

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000169

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

****

INITIAL EVACUATION(1) 06/08/2015 11:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.4	30.5	30.0	33.9	56.6	109.9	111.1	110.5	108.1	111.0	110.5	108.7	119.6	126.8	126.7	122.0	78.1	75.5	107.6	324.1	684.9	0.9
	CHAMBER LOW TEMPERATURE WARNING 06/08/2015 11:19:40																						
0:00:00	0:00:00	30.4	30.5	30.0	33.9	56.6	109.9	111.1	110.5	108.1	111.0	110.5	108.7	119.6	126.8	126.7	122.0	78.1	75.5	107.6	324.1	684.9	0.9
	ALARM SILENCED (ravallone) 06/08/2015 11:20:03																						
0:00:23	0:00:23	29.9	30.0	30.0	33.9	56.4	110.0	111.2	110.6	108.4	111.2	110.5	108.8	118.7	125.1	126.7	122.0	78.1	78.4	107.6	324.1	684.9	0.8
0:01:00	0:01:00	29.0	29.1	30.0	34.3	57.3	109.9	111.1	110.4	108.3	111.2	110.4	108.8	119.2	125.8	126.6	122.0	78.1	83.3	107.6	324.1	684.9	0.8
0:02:00	0:02:00	27.6	27.8	30.0	34.3	57.4	109.9	111.1	110.3	108.4	111.2	110.4	109.1	118.9	124.6	126.6	121.8	78.1	87.8	107.6	324.1	684.9	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000170

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

0:03:00	0:03:00	26.3	26.4	30.0	34.3	57.2	110.0	111.2	110.4	108.5	111.2	110.4	109.2	118.8	126.0	126.5	121.8	78.1	90.2	107.7	324.1	684.9	0.9
0:04:00	0:04:00	24.9	25.0	30.0	34.4	57.0	110.1	111.3	110.5	108.6	111.3	110.6	109.4	119.3	127.7	126.4	121.7	78.0	91.7	107.7	324.1	684.9	0.9
0:05:01	0:05:01	23.5	23.6	30.0	34.3	56.9	110.2	111.4	110.5	108.8	111.3	110.6	109.4	119.6	127.5	126.4	121.7	78.0	92.9	107.6	324.1	684.9	0.9
0:06:01	0:06:01	22.2	22.3	30.0	33.9	56.1	110.2	111.5	110.5	108.8	111.6	110.6	109.6	119.4	126.5	126.3	121.5	78.0	93.8	107.6	324.1	684.9	0.9
0:07:01	0:07:01	20.8	20.9	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	119.2	125.5	126.3	121.5	78.0	94.6	107.6	324.1	684.9	0.9

INITIAL EVACUATION(1) SUMMARY 06/08/2015 11:26:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:15	0:07:15	20.5	20.6	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	118.8	125.5	126.2	121.5	78.0	94.8	107.6	324.1	684.9	0.9

START PRESS: 0030.4 MAX PRESS: 0030.4 MAX TEMP: 111.6 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.7 MAX GAS TEMP: 078.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 108.7 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.2 MIN GAS TEMP: 077.9
PRESS CHANGE: 009.9 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

STABILIZATION 06/08/2015 11:26:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:15	0:00:00	20.5	20.6	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	118.8	125.5	126.2	121.5	78.0	94.8	107.6	324.1	684.9	0.9
0:08:15	0:01:00	20.5	20.6	30.0	34.4	55.7	111.0	112.2	111.3	109.5	112.3	111.3	110.3	119.2	127.5	126.2	121.4	77.9	93.3	107.6	324.1	684.9	0.9
0:09:15	0:02:00	20.5	20.7	30.0	35.3	56.5	111.4	112.6	111.7	110.0	112.6	111.7	110.9	119.6	127.6	126.0	121.3	77.9	91.4	107.5	324.1	684.9	0.9
0:10:15	0:03:00	20.6	20.7	30.0	36.2	57.5	111.7	112.9	112.0	110.3	113.0	112.1	111.2	119.6	126.8	126.0	121.3	77.9	89.8	107.6	324.1	684.9	0.8
0:11:15	0:04:00	20.6	20.7	30.0	37.1	58.6	112.0	113.2	112.2	110.5	113.2	112.3	111.5	119.3	125.8	125.9	121.2	77.9	88.4	107.5	324.1	684.9	0.9
0:12:15	0:05:01	20.6	20.7	30.0	38.0	59.7	112.2	113.4	112.4	110.7	113.4	112.5	111.7	118.9	124.7	125.9	121.1	77.8	87.0	107.5	324.1	684.9	0.9
0:13:15	0:06:01	20.6	20.7	30.0	38.4	60.1	112.3	113.6	112.6	110.9	113.5	112.6	111.9	118.9	125.6	125.9	121.0	77.7	85.9	107.5	324.1	684.9	0.9
0:14:15	0:07:01	20.6	20.8	30.0	38.9	60.6	112.5	113.7	112.7	111.1	113.7	112.7	112.1	119.3	127.4	125.7	121.0	77.7	84.9	107.5	324.1	684.9	0.8
0:15:15	0:08:01	20.7	20.8	30.0	39.3	61.1	112.6	113.8	112.9	111.2	113.9	113.1	112.3	119.8	127.7	125.7	120.9	77.7	84.0	107.5	324.1	684.9	0.8
0:16:15	0:09:01	20.7	20.8	30.0	39.8	61.5	112.8	114.0	113.0	111.4	114.0	113.1	112.4	119.8	126.9	125.6	120.8	77.6	83.2	107.4	324.1	684.9	0.9

STABILIZATION SUMMARY 06/08/2015 11:36:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:15	0:10:00	20.7	20.8	30.0	40.3	61.9	113.0	114.2	113.2	111.6	114.1	113.2	112.6	119.6	126.2	125.5	120.8	77.6	82.6	107.5	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 114.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.3 MAX GAS TEMP: 078.0
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 109.6 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.5 MIN GAS TEMP: 077.5
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.7

LEAK CHECK 06/08/2015 11:36:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:15	0:00:00	20.7	20.8	30.0	40.3	61.9	113.0	114.2	113.2	111.6	114.1	113.2	112.6	119.6	126.2	125.5	120.8	77.6	82.6	107.5	324.1	684.9	0.9
0:18:15	0:01:00	20.7	20.8	30.0	40.7	62.3	113.1	114.3	113.3	111.8	114.3	113.4	112.8	119.2	125.2	125.4	120.6	77.5	81.8	107.5	324.1	684.9	0.9
0:19:15	0:02:00	20.7	20.8	30.0	41.2	62.9	113.2	114.4	113.4	112.0	114.4	113.6	113.0	118.9	124.7	125.4	120.6	77.5	81.3	107.5	324.1	684.9	0.9
0:20:15	0:03:00	20.7	20.8	30.0	41.6	63.4	113.3	114.5	113.5	112.0	114.6	113.6	113.1	119.2	126.5	125.3	120.5	77.5	80.8	107.4	324.1	684.9	1.1
0:21:15	0:04:00	20.7	20.8	30.0	42.1	63.8	113.5	114.7	113.7	112.2	114.7	113.8	113.2	119.8	127.7	125.2	120.5	77.5	80.3	107.4	324.1	684.9	0.9

LEAK CHECK SUMMARY 06/08/2015 11:41:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:15	0:05:00	20.8	20.9	30.0	42.5	64.3	113.6	114.8	113.8	112.3	114.8	113.9	113.3	119.9	127.7	125.2	120.4	77.4	79.9	107.4	324.1	684.9	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000171

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

START PRESS: 0020.7 MAX PRESS: 0020.8 MAX TEMP: 114.8 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.5 MAX GAS TEMP: 077.6
END PRESS: 0020.8 MIN PRESS: 0020.7 MIN TEMP: 112.6 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.1 MIN GAS TEMP: 077.4
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASH(1) (Loop:1/5) 06/08/2015 11:41:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:15	0:00:00	20.8	20.9	30.0	42.5	64.3	113.6	114.8	113.8	112.3	114.8	113.9	113.3	119.9	127.7	125.2	120.4	77.4	79.9	107.4	324.1	684.9	0.9
0:23:15	0:01:00	22.0	22.2	30.0	43.9	65.4	114.1	115.3	114.4	112.8	115.3	114.5	113.8	119.9	127.0	125.1	120.3	90.9	79.6	107.4	324.1	684.9	0.8
0:24:15	0:02:00	23.5	23.6	30.0	44.8	66.1	114.5	115.7	114.8	113.2	115.7	114.9	114.2	119.8	126.1	125.1	120.1	103.1	79.4	107.4	324.1	684.9	0.8
0:25:15	0:03:00	24.8	24.9	30.0	44.8	65.7	114.8	115.8	115.0	113.5	115.8	115.2	114.5	119.4	125.1	125.0	120.0	108.3	79.1	107.3	324.1	684.8	0.9
0:26:16	0:04:00	26.2	26.3	30.0	45.3	66.1	114.9	116.0	115.1	113.7	116.0	115.4	114.8	119.2	124.9	124.9	119.8	110.1	78.9	107.3	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/08/2015 11:46:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:14	0:04:59	27.5	27.6	30.0	45.3	65.7	115.1	116.2	115.4	113.8	116.2	115.5	115.0	119.3	126.4	124.8	119.8	110.8	78.7	107.3	324.1	684.9	0.9

START PRESS: 0020.8 MAX PRESS: 0027.5 MAX TEMP: 116.3 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.2 MAX GAS TEMP: 110.9
END PRESS: 0027.5 MIN PRESS: 0020.8 MIN TEMP: 113.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.8 MIN GAS TEMP: 077.4
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:1/5) 06/08/2015 11:46:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:15	0:00:00	27.5	27.6	30.0	45.3	65.7	115.1	116.2	115.4	113.8	116.2	115.5	115.0	119.3	126.4	124.8	119.8	110.8	78.7	107.3	324.1	684.9	0.9
0:28:15	0:01:00	26.1	26.3	30.0	43.4	64.3	114.4	115.5	114.5	113.2	115.4	114.7	114.1	119.9	127.8	124.8	119.6	108.2	85.4	107.3	324.1	684.9	0.9
0:29:15	0:02:00	24.8	24.9	30.0	41.6	62.4	113.9	115.0	114.1	112.7	114.9	114.1	113.7	120.1	127.8	124.7	119.6	104.7	89.6	107.3	324.1	684.9	0.9
0:30:15	0:03:00	23.4	23.5	30.0	40.3	60.7	113.7	114.8	113.9	112.5	114.7	114.1	113.4	120.1	127.3	124.6	119.5	101.4	91.9	107.3	324.1	684.9	0.9
0:31:15	0:04:00	22.1	22.2	30.0	39.4	59.5	113.6	114.7	113.8	112.4	114.7	113.8	113.3	120.0	126.7	124.5	119.5	98.7	93.4	107.3	324.1	684.9	0.9
0:32:15	0:05:00	20.7	20.8	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.8	125.9	124.5	119.3	96.2	94.6	107.3	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/08/2015 11:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:24	0:05:09	20.5	20.6	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.6	124.9	124.5	119.3	95.9	94.8	107.3	324.1	684.9	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.9 MAX GAS TEMP: 110.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.5 MIN GAS TEMP: 095.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:2/5) 06/08/2015 11:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:24	0:00:00	20.5	20.6	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.6	124.9	124.5	119.3	95.9	94.8	107.3	324.1	684.9	0.8
0:33:24	0:01:00	21.8	21.9	30.0	39.3	58.1	114.5	115.6	114.7	113.2	115.5	114.8	114.2	119.3	124.6	124.4	119.3	100.3	93.2	107.3	324.1	684.9	0.9
0:34:24	0:02:00	23.2	23.3	30.0	40.3	58.5	115.1	116.2	115.4	113.8	116.2	115.5	114.9	119.2	125.0	124.3	119.2	106.7	91.4	107.3	324.1	684.9	0.9
0:35:24	0:03:00	24.5	24.7	30.0	40.7	58.7	115.4	116.5	115.6	114.2	116.4	115.8	115.3	119.2	125.4	124.2	119.8	109.3	89.8	107.8	324.1	684.9	0.9
0:36:24	0:04:00	25.9	26.0	30.0	41.2	58.9	115.7	116.7	115.9	114.4	116.6	116.1	115.5	119.3	125.7	124.2	122.4	111.5	88.5	107.6	324.1	684.9	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000172

0:37:25	0:05:00	27.3	27.4	30.0	41.6	59.3	115.8	116.9	116.0	114.6	116.8	116.3	115.8	119.3	125.9	124.1	122.2	112.8	87.3	107.6	324.1	684.9	0.4

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/08/2015 11:57:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:35	0:05:10	27.5	27.6	30.0	41.6	59.3	115.9	116.9	116.0	114.7	116.9	116.3	115.8	120.0	127.9	124.2	122.2	113.0	87.0	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 116.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.5 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 113.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 095.6
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:2/5) 06/08/2015 11:57:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:35	0:00:00	27.5	27.6	30.0	41.6	59.3	115.9	116.9	116.0	114.7	116.9	116.3	115.8	120.0	127.9	124.2	122.2	113.0	87.0	107.6	324.1	684.9	0.9
0:38:35	0:01:00	26.1	26.3	30.0	39.8	58.0	115.0	116.0	115.2	113.8	116.2	115.4	114.9	120.0	127.8	124.1	122.1	110.4	90.6	107.6	324.1	684.9	0.9
0:39:35	0:02:00	24.8	24.9	30.0	38.4	56.6	114.6	115.6	114.8	113.4	115.6	114.9	114.4	119.9	127.6	128.3	122.1	107.0	93.1	107.7	324.1	684.9	0.8
0:40:35	0:03:00	23.4	23.5	30.0	37.1	55.0	114.3	115.4	114.5	113.2	115.4	114.8	114.2	119.8	127.3	129.3	122.0	103.8	94.6	107.6	324.1	684.9	0.8
0:41:35	0:04:00	22.0	22.2	30.0	36.2	53.7	114.3	115.4	114.5	113.1	115.3	114.5	114.0	120.3	127.9	129.1	121.9	101.1	95.7	107.7	324.1	684.9	0.9
0:42:35	0:05:00	20.7	20.8	30.0	35.3	52.5	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.3	127.6	129.0	121.8	98.6	96.3	107.6	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/08/2015 12:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:42	0:05:08	20.5	20.6	30.0	35.3	52.4	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.0	126.7	129.0	121.8	98.3	96.5	107.7	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.8

INITIAL N2 WASH(1) (Loop:3/5) 06/08/2015 12:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:42	0:00:00	20.5	20.6	30.0	35.3	52.4	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.0	126.7	129.0	121.8	98.3	96.5	107.7	324.1	684.9	0.9
0:43:42	0:01:00	21.8	22.0	30.0	36.6	53.2	115.1	116.2	115.4	113.8	116.2	115.5	114.9	120.0	126.3	128.9	121.7	102.4	95.0	107.6	324.1	684.9	0.9
0:44:43	0:02:00	23.2	23.3	30.0	38.0	54.4	115.7	116.7	115.9	114.4	116.7	116.2	115.6	120.0	126.3	129.0	121.6	108.7	93.3	107.6	324.1	684.9	0.9
0:45:43	0:03:00	24.5	24.6	30.0	38.4	54.5	116.0	117.1	116.3	114.7	117.1	116.6	116.0	120.1	126.6	129.0	121.5	111.5	91.6	107.7	324.1	684.9	0.6
0:46:43	0:04:00	25.9	26.0	30.0	38.9	54.9	116.2	117.2	116.4	115.0	117.3	116.7	116.3	120.3	127.1	128.8	121.3	112.5	90.2	107.7	324.1	684.9	0.9
0:47:43	0:05:00	27.3	27.5	30.0	39.3	55.2	116.4	117.4	116.6	115.2	117.4	116.9	116.5	120.4	127.6	128.7	121.2	112.9	88.9	107.7	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/08/2015 12:07:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:05:11	27.5	27.6	30.0	39.3	55.1	116.5	117.4	116.7	115.3	117.4	116.9	116.5	120.1	126.3	128.7	121.2	113.0	88.7	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.5 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.1 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 113.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.6 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL EVACUATION(2) (Loop:3/5) 06/08/2015 12:07:33

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000173

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:00:00	27.5	27.6	30.0	39.3	55.1	116.5	117.4	116.7	115.3	117.4	116.9	116.5	120.1	126.3	128.7	121.2	113.0	88.7	107.6	324.1	684.9	0.9
0:48:53	0:01:00	26.2	26.3	30.0	38.0	54.4	115.6	116.6	115.8	114.4	116.6	115.9	115.5	120.3	126.6	128.6	121.0	110.4	91.7	107.6	324.1	684.9	0.9
0:49:53	0:02:00	24.8	24.9	30.0	36.2	52.5	115.2	116.1	115.4	114.1	116.2	115.5	115.0	120.0	126.2	128.6	121.0	107.2	94.1	107.7	324.1	684.9	0.9
0:50:53	0:03:00	23.4	23.5	30.0	35.3	51.4	115.0	116.0	115.2	113.8	115.9	115.4	114.8	120.0	126.1	128.4	121.0	104.2	95.4	107.7	324.1	684.9	0.9
0:51:54	0:04:00	22.0	22.2	30.0	34.8	50.9	114.8	115.8	115.0	113.7	115.8	115.0	114.7	120.1	126.4	128.2	120.9	101.6	96.3	107.7	324.1	684.9	0.9
0:52:54	0:05:00	20.7	20.8	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.6	120.3	126.9	128.2	120.8	99.1	97.0	107.7	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/08/2015 12:12:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:03	0:05:10	20.5	20.5	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.5	119.9	125.8	128.2	120.8	98.9	97.1	107.7	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.5 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.7 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 098.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

INITIAL N2 WASH(1) (Loop:4/5) 06/08/2015 12:12:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:03	0:00:00	20.5	20.6	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.5	119.9	125.8	128.2	120.8	98.9	97.1	107.7	324.1	684.9	0.9
0:54:03	0:01:00	21.8	21.9	30.0	35.3	50.5	115.7	116.7	115.9	114.4	116.7	116.1	115.6	120.1	125.9	128.1	120.7	102.4	95.7	107.7	324.1	684.9	0.9
0:55:03	0:02:00	23.2	23.3	30.0	36.2	51.0	116.2	117.2	116.5	115.0	117.2	116.7	116.2	119.8	125.5	128.1	120.6	108.3	94.0	107.6	324.1	684.9	0.9
0:56:03	0:03:00	24.5	24.6	30.0	37.1	51.9	116.5	117.4	116.7	115.3	117.5	117.0	116.5	119.6	124.9	128.0	120.4	111.0	92.3	107.6	324.1	684.9	0.8
0:57:03	0:04:00	25.9	26.0	30.0	37.1	51.6	116.7	117.7	116.9	115.5	117.7	117.2	116.8	119.6	124.8	127.9	120.3	111.9	90.9	107.6	324.1	684.9	0.8
0:58:04	0:05:00	27.3	27.4	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.8	124.6	127.9	120.2	112.2	89.6	107.6	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/08/2015 12:17:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:05:09	27.5	27.6	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.0	123.1	127.9	120.2	112.2	89.5	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.2 MAX GAS TEMP: 112.3
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.9 MIN GAS TEMP: 098.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.1

INITIAL EVACUATION(2) (Loop:4/5) 06/08/2015 12:17:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:00:00	27.5	27.6	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.0	123.1	127.9	120.2	112.2	89.5	107.6	324.1	684.9	0.9
0:59:12	0:01:00	26.2	26.3	30.0	36.2	51.3	116.0	116.9	116.2	114.9	117.0	116.4	116.0	119.2	124.1	127.8	120.1	110.1	92.4	107.6	324.1	684.9	0.9
1:00:13	0:02:00	24.8	24.9	30.0	35.3	50.6	115.5	116.5	115.7	114.4	116.6	115.9	115.5	119.2	124.1	127.7	119.8	106.9	94.7	107.6	324.1	684.9	0.8
1:01:13	0:03:00	23.4	23.5	30.0	34.3	49.6	115.3	116.3	115.5	114.3	116.3	115.7	115.3	119.0	123.8	127.6	119.8	104.1	96.0	107.6	324.1	684.9	0.8
1:02:13	0:04:00	22.1	22.2	30.0	33.4	48.4	115.2	116.2	115.4	114.1	116.2	115.5	115.1	119.2	124.4	127.5	119.8	101.6	96.9	107.7	324.1	684.9	0.8
1:03:13	0:05:00	20.7	20.8	30.0	33.0	47.9	115.1	116.1	115.3	114.1	116.2	115.4	115.0	119.2	124.2	127.5	119.8	99.4	97.6	107.6	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/08/2015 12:23:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:22	0:05:09	20.5	20.5	30.0	32.5	47.3	115.1	116.1	115.3	114.0	116.2	115.4	115.0	119.4	126.4	127.5	119.8	99.0	97.7	107.6	324.1	684.9	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000174

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.9 MAX GAS TEMP: 112.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.0 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.4 MIN GAS TEMP: 099.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL N2 WASH(1) (Loop:5/5) 06/08/2015 12:23:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:22	0:00:00	20.5	20.6	30.0	32.5	47.3	115.1	116.1	115.3	114.0	116.2	115.4	115.0	119.4	126.4	127.5	119.8	99.0	97.7	107.6	324.1	684.9	0.9
1:04:22	0:01:00	21.8	21.9	30.0	33.9	48.1	116.0	116.9	116.2	114.8	117.0	116.4	116.0	119.3	126.2	127.5	119.7	102.4	96.3	107.7	324.1	684.9	0.9
1:05:22	0:02:00	23.2	23.3	30.0	35.3	49.3	116.5	117.4	116.8	115.4	117.6	117.1	116.6	119.9	127.6	127.3	119.6	108.0	94.7	107.6	324.1	684.9	0.9
1:06:22	0:03:00	24.5	24.6	30.0	35.7	49.5	116.9	117.8	117.1	115.7	117.9	117.4	116.9	119.9	127.6	127.2	119.3	110.5	93.2	107.7	324.1	684.9	0.9
1:07:22	0:04:00	25.9	26.0	30.0	36.2	49.9	117.1	118.0	117.3	115.9	118.1	117.6	117.2	119.6	127.1	127.1	119.3	111.4	91.7	107.6	324.1	684.9	0.9
1:08:22	0:05:00	27.3	27.4	30.0	36.6	50.3	117.2	118.1	117.4	116.1	118.2	117.7	117.4	120.0	127.8	127.1	119.2	111.8	90.5	107.7	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/08/2015 12:28:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:05:09	27.5	27.6	30.0	36.6	50.3	117.2	118.1	117.5	116.2	118.2	117.8	117.4	120.3	127.7	127.0	119.2	111.7	90.3	107.7	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.5 MAX GAS TEMP: 111.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.0 MIN GAS TEMP: 098.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL EVACUATION(2) (Loop:5/5) 06/08/2015 12:28:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:00:00	27.5	27.6	30.0	36.6	50.3	117.2	118.1	117.5	116.2	118.2	117.8	117.4	120.3	127.7	127.0	119.2	111.7	90.3	107.7	324.1	684.9	0.9
1:09:31	0:01:00	26.2	26.3	30.0	35.3	49.5	116.4	117.3	116.6	115.4	117.3	116.8	116.5	120.5	128.1	126.9	119.1	109.6	93.2	107.7	324.1	684.9	0.8
1:10:31	0:02:00	24.8	24.9	30.0	33.9	48.1	116.0	116.9	116.1	114.9	116.8	116.3	115.9	120.3	127.8	126.9	122.5	106.7	95.4	108.6	324.1	684.9	0.8
1:11:31	0:03:00	23.4	23.5	30.0	33.5	47.8	115.7	116.6	115.9	114.6	116.6	116.1	115.6	120.4	127.8	126.8	122.4	104.0	96.7	108.1	324.1	684.9	0.8
1:12:31	0:04:00	22.1	22.2	30.0	32.5	46.7	115.5	116.5	115.7	114.4	116.5	115.9	115.5	120.5	128.1	126.7	122.4	101.6	97.5	108.1	324.1	684.9	0.9
1:13:31	0:05:00	20.7	20.8	30.0	32.5	46.8	115.4	116.4	115.6	114.4	116.4	115.8	115.4	120.3	127.8	126.7	122.3	99.4	98.3	108.2	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/08/2015 12:33:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:38	0:05:08	20.5	20.6	30.0	32.1	46.2	115.4	116.4	115.6	114.4	116.4	115.8	115.3	120.3	127.1	126.6	122.3	99.2	98.3	108.1	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.0 MAX GAS TEMP: 111.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.6 MIN GAS TEMP: 099.2
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

HUMIDIFICATION(1) 06/08/2015 12:33:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:00:00	20.5	20.6	30.0	32.1	46.2	115.4	116.4	115.6	114.4	116.4	115.8	115.3	120.3	127.1	126.6	122.3	99.2	98.3	108.1	324.1	684.9	0.9
1:14:39	0:01:00	20.7	20.8	30.0	33.4	47.5	115.9	116.8	116.1	114.9	116.9	116.4	116.2	119.8	126.1	126.7	122.3	97.3	96.9	108.2	324.1	684.9	0.9
1:15:39	0:02:00	20.9	21.0	30.0	39.8	56.1	116.3	116.9	116.5	115.4	116.9	116.9	116.6	119.9	126.2	126.6	122.2	95.6	95.2	108.2	324.1	684.9	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000175

1:16:39	0:03:00	21.0	21.1	30.0	47.1	65.7	116.6	117.2	116.9	115.8	117.1	117.1	117.0	119.9	126.1	126.5	122.1	94.1	93.7	108.2	324.1	684.9	0.9
1:17:39	0:04:00	21.2	21.3	30.0	54.2	75.3	116.8	117.3	117.1	116.0	117.3	117.4	117.3	119.9	126.1	126.4	122.0	92.8	92.2	108.2	324.1	684.9	0.9

HUMIDIFICATION(1) SUMMARY 06/08/2015 12:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:41	0:04:02	21.2	21.3	30.0	54.3	75.5	116.8	117.3	117.1	116.0	117.3	117.4	117.2	119.9	126.0	126.4	122.0	92.8	92.1	108.2	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 117.4 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.7 MAX GAS TEMP: 099.2
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.4 MIN GAS TEMP: 092.8
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.0

HUMIDIFICATION DWELL(1) 06/08/2015 12:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:41	0:00:00	21.2	21.3	30.0	54.3	75.5	116.8	117.3	117.1	116.0	117.3	117.4	117.2	119.9	126.0	126.4	122.0	92.8	92.1	108.2	324.1	684.9	0.9
1:19:41	0:02:00	21.3	21.4	30.0	64.4	88.7	117.1	117.6	117.5	116.2	117.6	117.9	117.6	118.4	121.1	126.3	132.4	90.5	89.8	109.7	324.1	684.9	0.9
1:21:41	0:04:00	21.3	21.4	30.0	65.7	90.6	117.1	117.6	117.5	116.2	117.6	117.8	117.5	118.7	121.8	126.1	132.1	88.7	87.9	109.5	324.1	684.9	0.9
1:23:41	0:06:00	21.2	21.3	30.0	65.7	90.7	117.0	117.6	117.5	116.1	117.7	117.8	117.4	118.6	122.0	126.0	132.1	87.3	86.4	109.7	324.1	684.9	0.9
1:25:41	0:08:00	21.2	21.3	30.0	64.8	89.3	117.1	117.7	117.5	116.1	117.7	117.8	117.4	118.4	122.0	125.9	131.8	86.2	85.2	109.7	324.1	684.9	0.8
1:27:41	0:10:00	21.2	21.3	30.0	63.9	88.1	117.1	117.7	117.5	116.1	117.7	117.8	117.4	118.4	121.9	125.7	131.6	85.3	84.2	109.8	324.1	684.9	0.9
1:29:41	0:12:01	21.2	21.3	30.0	63.0	86.8	117.1	117.7	117.5	116.1	117.8	117.8	117.4	118.3	121.2	125.6	131.4	84.4	83.5	109.9	324.1	684.9	0.9
1:31:41	0:14:01	21.2	21.3	30.0	62.1	85.7	117.0	117.7	117.4	116.0	117.7	117.8	117.3	118.2	120.9	125.5	131.2	83.8	82.9	110.1	324.1	684.9	0.8
1:33:41	0:16:01	21.2	21.3	30.0	61.6	84.9	117.1	117.7	117.5	116.1	117.8	117.8	117.4	118.0	120.5	125.3	131.1	83.2	82.3	110.0	324.1	684.9	0.9
1:35:42	0:18:01	21.2	21.3	30.0	61.2	84.5	117.0	117.7	117.4	116.0	117.8	117.8	117.4	118.1	122.6	125.3	130.8	82.8	81.8	110.1	324.1	684.9	0.9
1:37:42	0:20:01	21.2	21.3	30.0	60.7	83.7	117.1	117.8	117.5	116.0	117.8	117.8	117.3	118.9	125.9	125.1	130.6	82.3	81.3	110.1	324.1	684.9	0.8
1:39:42	0:22:01	21.2	21.3	30.0	60.3	83.0	117.1	117.8	117.5	116.1	117.8	117.8	117.4	119.8	127.2	125.1	130.5	82.1	81.0	110.2	324.1	684.9	0.9
1:41:42	0:24:01	21.2	21.3	30.0	59.8	82.2	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.8	126.8	124.8	130.3	81.7	80.7	110.3	324.1	684.8	0.8
1:43:42	0:26:01	21.1	21.3	30.0	59.8	82.2	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.6	126.0	124.7	130.1	81.4	80.4	110.3	324.1	684.9	0.6
1:45:42	0:28:01	21.1	21.3	30.0	59.3	81.6	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.3	124.9	124.5	129.9	81.1	80.1	110.2	324.1	684.9	0.8
1:47:42	0:30:02	21.1	21.2	30.0	58.9	80.8	117.3	118.0	117.6	116.2	117.9	117.8	117.4	119.0	123.9	124.3	129.7	80.8	79.8	110.2	324.1	684.9	0.9
1:49:42	0:32:02	21.1	21.2	30.0	58.9	81.0	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.8	123.1	124.3	129.5	80.6	79.6	110.2	324.1	684.9	0.9
1:51:42	0:34:02	21.1	21.2	30.0	58.4	80.4	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.4	122.2	124.1	129.3	80.4	79.4	110.2	324.1	684.9	0.8
1:53:43	0:36:02	21.1	21.2	30.0	58.0	79.6	117.2	118.0	117.6	116.1	118.0	117.8	117.4	118.2	121.1	129.0	129.1	80.2	79.2	110.2	324.1	684.9	0.9
1:55:43	0:38:02	21.1	21.2	30.0	58.0	79.8	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.0	120.6	128.6	128.9	80.0	79.1	110.1	324.1	684.9	0.8
1:57:43	0:40:02	21.1	21.2	30.0	58.0	79.6	117.3	118.0	117.6	116.2	117.9	117.8	117.3	118.1	122.5	128.5	132.1	79.9	79.0	110.6	324.1	684.9	0.9
1:59:43	0:42:02	21.1	21.2	30.0	57.5	79.0	117.2	118.0	117.6	116.1	118.0	117.9	117.4	118.9	125.7	128.5	131.9	79.7	78.9	110.6	324.1	684.9	0.6
2:01:43	0:44:02	21.1	21.3	30.0	57.5	78.9	117.3	118.0	117.6	116.2	118.0	117.9	117.5	119.6	126.9	128.4	131.8	79.7	78.8	110.6	324.1	684.9	0.8
2:03:43	0:46:02	21.1	21.3	30.0	57.5	78.9	117.3	118.1	117.6	116.2	118.0	117.9	117.4	119.8	126.9	128.2	131.6	79.5	78.8	110.6	324.1	684.9	0.9
2:05:43	0:48:03	21.1	21.3	30.0	57.5	78.9	117.3	118.1	117.6	116.2	118.1	117.9	117.5	119.6	126.0	128.1	131.4	79.4	78.7	110.6	324.1	684.9	0.9
2:07:43	0:50:03	21.1	21.3	30.0	57.1	78.1	117.3	118.1	117.7	116.3	118.1	117.9	117.5	119.3	124.9	127.8	131.2	79.3	78.7	110.5	324.1	684.9	0.9
2:09:43	0:52:03	21.1	21.3	30.0	57.1	78.2	117.3	118.1	117.7	116.2	118.1	117.9	117.5	118.9	123.4	127.8	131.1	79.3	78.7	110.6	324.1	684.9	0.9
2:11:44	0:54:03	21.2	21.3	30.0	57.1	78.1	117.3	118.1	117.7	116.3	118.1	118.0	117.5	118.6	122.5	127.6	130.8	79.2	78.7	110.6	324.1	684.9	0.8
2:13:44	0:56:03	21.1	21.3	30.0	56.6	77.6	117.3	118.1	117.7	116.2	118.1	118.0	117.5	118.4	121.8	127.4	130.7	79.2	78.7	110.6	324.1	684.9	0.9
2:15:44	0:58:03	21.2	21.3	30.0	56.6	77.5	117.3	118.1	117.7	116.3	118.2	118.0	117.6	118.3	121.3	127.3	130.4	79.1	78.8	110.6	324.1	684.9	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/08/2015 13:37:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:41	1:00:00	21.2	21.3	30.0	56.6	77.4	117.4	118.2	117.8	116.3	118.2	118.1	117.6	118.2	121.1	127.1	130.3	79.1	78.8	110.5	324.1	684.9	0.9

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 092.8
END PRESS: 0021.2 MIN PRESS: 0021.1 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 079.1
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000176

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.0

INITIAL EVACUATION(3) 06/08/2015 13:37:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:41	0:00:00	21.2	21.3	30.0	56.6	77.4	117.4	118.2	117.8	116.3	118.2	118.1	117.6	118.2	121.1	127.1	130.3	79.1	78.8	110.5	324.1	684.9	0.9

INITIAL EVACUATION(3) SUMMARY 06/08/2015 13:37:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:31	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8

START PRESS: 0021.2 MAX PRESS: 0021.2 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.1 MAX GAS TEMP: 079.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.1 MIN GAS TEMP: 079.0
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.2

STERILANT INJECTION(1) 06/08/2015 13:37:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:00	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8

CHAMBER LOW TEMPERATURE WARNING RESET 06/08/2015 13:37:51

2:18:12	0:00:00	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8
2:19:12	0:01:00	21.3	21.4	30.0	56.6	78.8	116.7	117.4	117.2	115.5	117.4	117.5	116.7	118.8	122.8	126.9	129.6	120.4	83.3	110.6	324.1	682.6	6.9
2:20:12	0:02:00	22.0	22.0	30.0	58.4	82.6	116.1	116.8	116.6	115.0	116.8	117.0	116.2	118.8	122.9	126.9	129.2	118.3	82.6	110.5	324.1	682.6	49.0
2:21:12	0:03:00	22.5	22.6	30.0	59.8	85.0	115.9	116.3	116.6	114.9	116.6	117.0	116.1	118.8	122.8	126.8	130.8	117.5	82.2	112.2	324.1	682.6	98.7
2:22:12	0:04:00	23.2	23.3	30.0	61.6	87.5	115.9	116.4	116.6	114.8	116.6	116.9	116.0	118.8	122.9	126.6	131.8	114.3	81.8	111.0	324.1	682.6	155.8
2:23:12	0:05:00	24.0	24.1	30.0	62.5	88.1	116.2	116.8	116.8	115.1	116.7	117.0	116.2	118.8	122.9	126.4	130.8	113.3	81.4	110.9	324.1	681.7	208.6
2:24:12	0:06:01	24.5	24.6	30.0	63.9	90.3	116.1	116.7	116.7	115.0	116.7	117.0	116.1	118.8	122.9	126.2	130.1	116.0	81.1	110.8	324.1	679.7	265.8
2:25:12	0:07:01	25.2	25.3	30.0	65.7	92.3	116.3	116.9	116.9	115.2	117.0	117.2	116.4	118.8	122.9	126.1	129.1	116.6	81.0	110.8	324.1	677.3	318.6
2:26:12	0:08:01	25.9	26.0	30.0	67.1	93.7	116.6	117.2	117.0	115.5	117.2	117.4	116.7	118.8	122.9	125.9	131.9	116.5	80.8	112.0	324.0	675.3	372.5
2:27:13	0:09:01	26.6	26.7	30.0	68.9	95.6	116.8	117.4	117.3	115.7	117.4	117.6	116.8	118.9	123.0	125.7	130.8	117.6	80.7	111.0	324.1	674.0	427.1
2:28:13	0:10:01	27.4	27.5	30.0	70.7	97.9	116.9	117.4	117.4	115.8	117.6	117.7	117.0	118.9	123.0	125.5	129.7	117.4	80.6	111.0	324.1	671.7	479.9

STERILANT INJECTION(1) SUMMARY 06/08/2015 13:48:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:09	0:10:59	28.0	28.1	30.0	72.5	100.0	117.0	117.7	117.5	116.0	117.7	117.8	117.2	118.9	123.3	125.3	128.7	114.2	80.4	110.9	324.1	669.8	529.7

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.1 MAX GAS TEMP: 123.2
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 324.1 DRM2 END: 669.8 MIN PRE TEMP: 125.3 MIN GAS TEMP: 111.2
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 015.1 MAX VAP TEMP: 132.1
EO USED PHASE: 015.1 EO USED CYCLE:015.1 MIN VAP TEMP: 128.7

N2 BLANKET(1) 06/08/2015 13:48:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:09	0:00:00	28.0	28.1	30.0	72.5	100.0	117.0	117.7	117.5	116.0	117.7	117.8	117.2	118.9	123.3	125.3	128.7	114.2	80.4	110.9	324.1	669.8	529.7
2:30:09	0:01:00	28.6	28.8	30.0	74.3	100.0	117.2	117.8	117.6	116.2	117.8	117.9	117.4	118.3	123.4	125.1	132.4	113.4	80.4	111.7	324.0	669.7	577.9

N2 BLANKET(1) SUMMARY 06/08/2015 13:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000177

2:30:49	0:01:00	29.0	29.1	30.0	75.7	100.0	117.3	117.8	117.7	116.3	118.0	118.0	117.5	119.8	125.9	124.9	132.1	114.9	80.3	111.4	324.1	669.7	594.6

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.0 DRM1 START: 324.1 DRM2 START: 669.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 114.9
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 124.9 MIN GAS TEMP: 112.5
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 132.4
EO USED PHASE: 000.1 EO USED CYCLE:015.1 MIN VAP TEMP: 128.7

EXPOSURE(1) 06/08/2015 13:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:49	0:00:00	29.0	29.1	30.0	75.7	100.0	117.3	117.8	117.7	116.3	118.0	118.0	117.5	119.8	125.9	124.9	132.1	114.9	80.3	111.4	324.1	669.7	594.6
2:31:49	0:01:00	29.0	29.1	30.0	74.3	100.0	117.2	117.8	117.6	116.2	117.9	117.9	117.4	118.1	120.8	124.7	132.1	113.5	80.2	111.3	324.0	669.7	596.1
2:32:49	0:02:00	29.0	29.0	30.0	74.3	100.0	117.2	117.8	117.6	116.3	117.9	117.9	117.4	119.8	126.4	124.5	132.1	111.0	80.1	111.4	324.0	669.7	588.5
2:33:49	0:03:00	28.9	29.0	30.0	73.9	100.0	117.2	117.8	117.6	116.3	117.9	117.9	117.4	118.2	121.0	124.3	131.9	108.7	80.0	111.3	324.0	669.8	580.9
2:34:50	0:04:00	28.9	29.0	30.0	73.4	100.0	117.3	118.0	117.7	116.4	118.0	117.9	117.5	119.8	126.0	124.1	131.9	106.6	79.9	111.3	324.1	669.7	573.4
2:35:50	0:05:00	28.8	29.0	30.0	73.9	100.0	117.3	118.0	117.7	116.4	118.0	118.0	117.5	118.1	120.9	127.7	131.9	104.6	79.9	111.4	324.0	669.7	564.4
2:36:50	0:06:01	28.8	28.9	29.9	73.9	100.0	117.3	118.0	117.7	116.4	118.1	118.0	117.6	119.8	126.1	129.0	131.6	102.7	79.8	111.4	324.0	669.8	556.8
2:37:50	0:07:01	28.8	28.9	29.9	74.3	100.0	117.4	118.1	117.8	116.5	118.1	118.1	117.6	118.1	120.8	128.6	131.6	100.9	79.7	111.5	324.1	669.7	549.3
2:38:50	0:08:01	28.8	28.9	29.9	74.3	100.0	117.4	118.1	117.8	116.5	118.2	118.1	117.7	119.8	125.9	128.3	131.6	99.4	79.7	111.5	324.0	669.7	543.2
2:39:50	0:09:01	28.7	28.8	29.9	74.3	100.0	117.5	118.1	117.8	116.6	118.2	118.1	117.7	118.2	120.8	128.2	131.4	98.0	79.7	111.5	324.1	669.7	535.7
2:40:50	0:10:01	28.7	28.8	30.0	74.3	100.0	117.5	118.2	117.8	116.6	118.2	118.1	117.7	119.8	126.1	128.0	131.4	96.7	79.6	111.5	324.0	669.7	529.7
	BEGIN GAS ADDITION (1) (ravallone) 06/08/2015 14:00:41																						
2:41:01	0:10:12	28.7	28.9	29.9	74.3	100.0	117.5	118.1	117.8	116.6	118.2	118.1	117.7	119.4	124.9	128.0	131.4	96.6	79.6	111.5	324.0	669.7	528.1
	END GAS ADDITION (1) (ravallone) 06/08/2015 14:00:53																						
2:41:14	0:10:25	29.0	29.1	29.9	74.3	100.0	117.5	118.2	117.9	116.6	118.3	118.2	117.8	118.9	123.5	127.9	131.4	96.6	79.6	111.5	324.0	669.7	528.2
2:41:50	0:11:01	29.0	29.1	30.0	75.7	100.0	117.6	118.3	117.9	116.7	118.3	118.2	117.8	118.2	120.9	127.8	131.2	98.0	79.6	111.5	324.0	669.7	528.2
2:42:50	0:12:01	29.0	29.1	29.9	74.8	100.0	117.5	118.2	117.8	116.6	118.3	118.2	117.8	119.8	126.1	127.6	131.1	96.8	79.5	111.5	324.0	669.7	520.6
2:43:51	0:13:01	29.0	29.1	29.9	74.8	100.0	117.5	118.2	117.9	116.6	118.3	118.2	117.8	118.1	120.8	127.5	130.9	95.6	79.5	111.5	324.0	669.7	513.1
2:44:51	0:14:01	29.0	29.0	29.9	74.8	100.0	117.6	118.3	118.0	116.7	118.3	118.2	117.8	119.8	126.1	127.4	130.9	94.6	79.5	111.6	324.1	669.7	507.0
2:45:51	0:15:02	28.9	29.0	29.9	74.3	100.0	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.1	120.8	127.3	130.8	93.6	79.4	111.5	324.0	669.7	501.0
2:46:51	0:16:02	28.9	29.0	29.9	74.8	100.0	117.6	118.3	117.9	116.7	118.3	118.2	117.8	119.8	126.3	127.2	130.7	92.7	79.4	111.5	324.0	669.7	494.9
2:47:51	0:17:02	28.9	29.0	29.9	74.8	100.0	117.6	118.3	117.9	116.8	118.4	118.3	117.9	118.2	120.9	127.1	130.6	91.8	79.4	111.6	324.1	669.7	491.9
2:48:51	0:18:02	28.9	29.0	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.3	118.3	117.9	119.8	125.9	127.0	130.5	91.1	79.4	111.5	324.0	669.7	487.4
2:49:51	0:19:02	28.9	29.0	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.4	118.4	118.0	118.1	120.8	126.9	130.5	90.4	79.4	111.6	324.0	669.7	482.8
2:50:51	0:20:02	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.8	126.2	126.8	130.4	89.7	79.4	111.6	324.1	669.7	481.4
2:51:51	0:21:02	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.1	116.8	118.4	118.4	118.0	118.2	120.9	126.7	130.2	89.1	79.4	111.6	324.1	669.7	476.9
2:52:52	0:22:02	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.5	118.4	118.0	119.9	126.3	126.5	130.2	88.7	79.4	111.6	324.1	669.7	472.4
2:53:52	0:23:02	28.8	28.9	29.9	74.8	100.0	117.8	118.3	118.1	116.9	118.5	118.4	118.0	118.2	121.0	126.4	130.1	88.1	79.4	111.5	324.1	669.7	470.8
2:54:52	0:24:03	28.8	28.9	29.9	74.8	100.0	117.8	118.5	118.1	116.9	118.5	118.4	118.1	120.0	126.9	126.4	130.0	87.6	79.4	111.6	324.1	669.7	467.8
2:55:52	0:25:03	28.8	28.9	29.9	74.8	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.0	118.3	121.2	126.3	129.9	87.1	79.5	111.6	324.0	669.7	463.3
2:56:52	0:26:03	28.8	28.9	29.9	74.8	100.0	117.8	118.3	118.1	116.9	118.5	118.4	118.1	120.0	127.1	126.2	129.9	86.7	79.4	111.6	324.1	669.8	460.3
2:57:52	0:27:03	28.7	28.8	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.3	121.4	126.1	129.8	86.4	79.5	111.6	324.1	669.7	458.7
2:58:52	0:28:03	28.7	28.8	29.9	74.8	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.1	120.1	127.5	126.0	129.7	86.0	79.4	111.5	324.0	669.7	455.8
2:59:52	0:29:03	28.7	28.8	29.9	74.8	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.4	121.6	126.0	129.6	85.8	79.5	111.6	324.1	669.7	452.8
	BEGIN GAS ADDITION (2) (ravallone) 06/08/2015 14:20:18																						
3:00:38	0:29:49	28.7	28.8	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	119.2	126.4	125.8	129.6	85.6	79.4	111.5	324.0	669.7	451.3
	END GAS ADDITION (2) (ravallone) 06/08/2015 14:20:30																						
3:00:51	0:30:02	29.0	29.1	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.2	120.0	127.7	125.8	129.5	86.0	79.5	111.6	324.1	669.7	451.2
3:00:52	0:30:03	29.0	29.1	29.9	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.7	125.8	129.5	86.3	79.5	111.6	324.1	669.7	451.2
3:01:53	0:31:03	29.0	29.1	29.9	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.4	121.8	125.9	129.4	89.3	79.6	111.6	324.1	669.7	451.2
3:02:53	0:32:04	29.0	29.1	29.9	74.8	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.6	120.4	125.7	129.3	88.5	79.6	111.5	324.0	669.7	448.1
3:03:53	0:33:04	29.0	29.1	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.3	124.5	125.6	129.2	87.9	79.6	111.5	324.0	669.7	443.7
3:04:53	0:34:04	29.0	29.1	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.0	120.2	125.5	129.2	87.3	79.7	111.5	324.1	669.7	442.2
3:05:53	0:35:04	29.0	29.1	29.9	74.3	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.9	126.5	125.4	129.0	86.7	79.8	111.6	324.0	669.7	439.1
3:06:53	0:36:04	29.0	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.2	121.0	125.3	129.0	86.3	79.7	111.5	324.1	669.7	434.6
3:07:53	0:37:04	29.0	29.0	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.8	125.1	132.1	85.8	79.7	112.4	324.1	669.7	434.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000178

3:08:53	0:38:04	29.0	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.4	121.8	125.0	132.1	85.4	79.7	111.9	324.1	669.7	431.6
3:09:53	0:39:04	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.6	119.1	125.0	132.1	85.1	79.8	111.9	324.0	669.7	430.1
3:10:54	0:40:04	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.2	124.9	131.9	84.8	79.8	111.9	324.0	669.7	427.1
3:11:54	0:41:05	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	121.2	124.8	131.9	84.4	79.8	111.9	324.0	669.7	427.1
3:12:54	0:42:05	28.9	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.9	125.5	124.7	131.8	84.2	79.9	111.9	324.1	669.7	424.1
3:13:54	0:43:05	28.9	29.0	29.9	74.3	99.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	120.6	128.4	124.6	131.8	83.9	79.9	112.0	324.1	669.7	422.5
3:14:54	0:44:05	28.9	29.0	29.9	74.3	99.8	118.1	118.7	118.4	117.2	118.8	118.7	118.3	117.7	119.4	124.5	131.6	83.8	79.9	111.9	324.1	669.7	421.0
3:15:54	0:45:05	28.9	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	115.3	113.0	124.5	131.6	83.4	79.9	111.9	324.0	669.7	419.6
3:16:54	0:46:05	28.9	29.0	29.9	74.3	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	119.0	127.6	124.3	131.4	83.4	80.0	111.9	324.0	669.7	419.5
3:17:54	0:47:05	28.9	29.0	29.9	74.3	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	117.8	121.8	124.3	131.4	83.2	80.0	111.9	324.0	669.7	416.5
3:18:55	0:48:05	28.9	29.0	29.9	74.3	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.3	125.8	124.2	131.2	83.0	80.0	112.0	324.1	669.7	414.9
3:19:55	0:49:06	28.9	28.9	29.9	73.8	99.7	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.4	124.6	126.8	131.1	82.8	80.0	111.9	324.0	669.7	413.5
3:20:55	0:50:06	28.9	28.9	29.9	74.3	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.8	123.4	129.0	131.1	82.7	80.0	111.9	324.1	669.7	412.0
3:21:55	0:51:06	28.8	28.9	29.9	74.3	100.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.3	123.7	128.6	130.9	82.6	80.1	111.9	324.1	669.7	412.0
3:22:55	0:52:06	28.8	28.9	29.9	74.3	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.6	125.2	128.5	130.8	82.5	80.1	111.9	324.1	669.7	410.5
3:23:55	0:53:06	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.1	120.5	128.6	130.8	82.3	80.2	112.0	324.0	669.7	409.0
3:24:55	0:54:06	28.8	28.9	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.4	118.6	128.4	130.7	82.3	80.2	112.0	324.0	669.7	407.4
3:25:55	0:55:06	28.8	28.9	29.9	73.8	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	120.0	127.2	128.4	130.6	82.2	80.2	111.9	324.1	669.7	405.9
3:26:55	0:56:06	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.2	121.2	128.3	130.5	82.1	80.2	112.0	324.1	669.7	406.0
3:27:56	0:57:06	28.8	28.9	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	120.3	129.4	128.2	130.4	81.9	80.2	112.0	324.1	669.7	404.5
3:28:56	0:58:07	28.8	28.9	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.8	122.9	128.1	130.3	81.9	80.3	112.0	324.0	669.8	402.9
3:29:56	0:59:07	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	119.7	127.9	130.3	81.9	80.3	112.0	324.1	669.7	401.5

EXPOSURE(1) SUMMARY 06/08/2015 14:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:49	1:00:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.3	118.3	127.8	130.2	81.8	80.2	111.9	324.1	669.7	399.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.8 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.1 MAX GAS TEMP: 115.0
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 123.5 MIN GAS TEMP: 081.8
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/08/2015 14:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:49	0:00:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.3	118.3	127.8	130.2	81.8	80.2	111.9	324.1	669.7	399.9
3:31:49	0:01:00	28.8	28.9	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.9	128.7	127.7	130.0	81.7	80.3	111.9	324.1	669.8	400.0
3:32:49	0:02:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.7	122.9	127.7	130.0	81.7	80.3	112.0	324.1	669.7	398.5
3:33:49	0:03:00	28.8	28.9	29.9	73.8	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.6	119.5	127.5	129.9	81.6	80.4	112.0	324.0	669.7	398.4
3:34:50	0:04:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.5	118.5	118.2	117.8	122.9	127.4	129.8	81.4	80.4	111.9	324.1	669.7	396.9
3:35:50	0:05:00	28.8	28.8	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.3	125.2	127.3	129.7	81.4	80.4	112.0	324.0	669.7	395.4
3:36:50	0:06:01	28.7	28.8	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.8	121.5	127.2	129.7	81.4	80.4	111.9	324.1	669.7	394.0
3:37:50	0:07:01	28.8	28.8	29.9	73.4	98.6	118.1	118.7	118.4	117.2	118.7	118.6	118.3	122.5	136.2	127.3	129.6	81.4	80.5	112.0	324.0	669.7	392.4
3:38:50	0:08:01	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.3	119.0	118.8	118.5	121.6	130.9	127.0	129.5	81.3	80.5	112.0	324.0	669.7	392.5
3:39:50	0:09:01	28.7	28.8	29.9	73.8	98.6	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.3	117.8	126.9	129.4	81.3	80.5	112.0	324.0	669.8	392.4
3:40:50	0:10:01	28.7	28.8	29.9	73.9	98.9	118.2	118.8	118.5	117.3	118.8	118.7	118.4	116.4	115.3	126.9	129.4	81.3	80.5	111.9	324.1	669.7	390.9
3:41:50	0:11:01	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	115.5	126.8	129.2	81.3	80.6	112.0	324.0	669.7	390.9
3:42:50	0:12:01	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.2	115.8	126.7	129.2	81.3	80.6	111.9	324.1	669.7	389.4
3:43:51	0:13:01	28.7	28.8	29.9	73.4	99.2	117.8	118.3	118.2	117.0	118.5	118.4	118.2	119.6	128.4	126.6	129.1	81.2	80.6	111.9	324.1	669.7	387.9
3:44:51	0:14:01	28.7	28.8	29.9	73.8	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.1	122.2	126.5	129.0	81.2	80.7	112.0	324.1	669.7	386.3
	BEGIN GAS ADDITION (2) (ravallone) 06/08/2015 15:05:18																						
3:45:39	0:14:50	28.7	28.8	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.3	124.7	126.4	129.0	81.2	80.6	111.9	324.1	669.7	386.4
3:45:51	0:15:02	29.0	29.1	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	127.9	126.4	128.9	81.8	80.7	111.9	324.1	669.7	386.4
	END GAS ADDITION (3) (ravallone) 06/08/2015 15:05:32																						
3:45:52	0:15:03	29.0	29.1	29.9	73.8	99.5	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.4	128.1	126.4	128.9	82.1	80.7	111.9	324.0	669.8	386.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000179

3:46:51	0:16:02	29.0	29.1	29.9	74.3	99.9	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.4	122.8	126.3	128.9	86.3	80.8	111.9	324.1	669.8	389.4
3:47:51	0:17:02	29.0	29.1	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.4	119.3	126.3	128.8	85.7	80.7	111.9	324.1	669.7	386.4
3:48:51	0:18:02	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.2	117.0	118.5	118.5	118.2	117.6	122.4	126.2	128.7	85.1	80.8	111.9	324.0	669.7	383.4
3:49:51	0:19:02	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	124.8	126.1	128.6	84.6	80.8	111.9	324.1	669.7	381.8
3:50:51	0:20:02	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.6	120.1	126.0	128.5	84.2	80.8	111.9	324.1	669.7	381.8
3:51:52	0:21:02	29.0	29.1	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.5	118.5	118.2	120.0	129.1	125.9	128.4	83.8	80.8	111.9	324.0	669.7	381.8
3:52:52	0:22:02	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.8	123.4	125.8	128.4	83.6	80.8	111.9	324.0	669.7	380.4
3:53:52	0:23:02	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.6	119.7	125.7	128.2	83.2	80.8	111.9	324.1	669.7	378.9
3:54:52	0:24:03	29.0	29.1	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.3	121.2	125.7	128.2	82.8	80.8	111.9	324.1	669.7	377.4
3:55:52	0:25:03	29.0	29.1	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	119.2	124.9	125.6	128.1	82.8	80.8	111.9	324.0	669.7	377.4
3:56:52	0:26:03	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.8	120.2	125.5	128.0	82.5	80.8	111.9	324.1	669.7	375.9
3:57:52	0:27:03	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.8	128.9	125.5	128.0	82.3	80.9	111.9	324.1	669.7	375.8
3:58:52	0:28:03	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.5	139.1	125.4	127.8	82.2	80.9	111.9	324.0	669.7	375.8
3:59:52	0:29:03	29.0	29.1	29.9	73.4	98.0	118.3	118.9	118.6	117.4	119.1	118.8	118.6	120.7	127.9	125.2	127.8	82.1	81.0	111.9	324.0	669.7	375.9
4:00:53	0:30:03	29.0	29.1	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.9	116.8	125.1	127.7	81.9	81.0	111.9	324.1	669.7	372.8
4:01:53	0:31:03	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.4	115.3	125.0	127.7	81.9	81.0	111.9	324.1	669.7	372.8
4:02:53	0:32:04	29.0	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.7	118.7	118.4	116.3	115.5	125.0	127.5	81.8	81.1	111.9	324.0	669.8	372.8
4:03:53	0:33:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	115.8	124.9	127.5	81.7	81.1	111.9	324.1	669.7	371.3
4:04:53	0:34:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.4	129.9	124.8	127.4	81.7	81.1	111.9	324.1	669.7	369.9
4:05:53	0:35:04	29.0	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	122.3	124.6	127.3	81.7	81.1	111.8	324.1	669.7	369.8
4:06:53	0:36:04	29.0	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.2	118.9	124.7	127.2	81.6	81.2	111.8	324.1	669.7	369.8
4:07:53	0:37:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.1	129.9	124.7	127.2	81.6	81.1	111.8	324.1	669.7	369.9
4:08:53	0:38:04	29.0	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.7	118.6	118.3	118.9	124.3	124.5	127.1	81.4	81.2	111.9	324.0	669.7	369.8
4:09:54	0:39:04	29.0	29.0	29.9	73.4	98.6	118.1	118.7	118.4	117.2	118.7	118.6	118.3	117.8	120.0	124.4	127.0	81.4	81.2	111.8	324.1	669.7	369.8
4:10:54	0:40:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	118.3	124.3	126.9	81.4	81.3	111.9	324.1	669.7	368.3
4:11:54	0:41:05	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.2	120.8	131.8	124.2	126.8	81.4	81.2	111.8	324.1	669.7	368.3
4:12:54	0:42:05	29.0	29.0	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	123.1	136.4	124.2	126.8	81.4	81.3	111.9	324.1	669.7	366.8
4:13:54	0:43:05	29.0	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	118.0	120.4	124.1	126.7	81.4	81.3	111.9	324.1	669.7	366.8
4:14:54	0:44:05	28.9	29.0	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	116.2	115.5	129.4	126.6	81.4	81.3	111.9	324.1	669.7	366.8
4:15:54	0:45:05	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.1	115.4	129.4	126.6	81.4	81.4	111.8	324.1	669.7	365.3
4:16:54	0:46:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.0	115.7	129.0	126.5	81.4	81.4	111.8	324.1	669.7	365.3
4:17:55	0:47:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	127.8	128.8	126.5	81.4	81.4	111.8	324.1	669.8	365.2
4:18:55	0:48:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.8	123.0	128.8	126.3	81.4	81.6	111.8	324.1	669.7	363.7
4:19:55	0:49:05	28.9	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.9	124.4	128.7	126.2	81.4	81.6	111.8	324.1	669.7	363.8
4:20:55	0:50:06	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.6	120.0	128.6	126.2	81.4	81.6	111.9	324.1	669.7	363.8
4:21:55	0:51:06	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.2	117.0	118.2	128.5	126.1	81.4	81.6	111.8	324.1	669.7	363.8
4:22:55	0:52:06	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	129.8	128.4	126.0	81.4	81.6	111.8	324.0	669.7	363.7
4:23:55	0:53:06	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.2	118.8	118.6	118.3	123.5	139.3	128.3	125.9	81.4	81.6	111.8	324.0	669.7	362.2
4:24:55	0:54:06	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.0	126.4	128.2	125.9	81.4	81.6	111.8	324.0	669.7	362.3
4:25:55	0:55:06	28.9	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.7	116.4	128.1	125.9	81.4	81.6	111.8	324.0	669.7	362.3
4:26:55	0:56:06	28.9	29.0	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	115.3	127.9	125.8	81.4	81.6	111.8	324.1	669.8	362.3
4:27:56	0:57:06	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.6	127.9	125.7	81.4	81.6	111.8	324.1	669.7	360.8
4:28:56	0:58:06	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.8	127.8	125.6	81.4	81.6	111.8	324.1	669.8	360.7
4:29:56	0:59:07	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	127.8	127.7	125.5	81.4	81.6	111.7	324.1	669.7	360.7
4:30:56	1:00:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.7	120.9	127.5	125.4	81.4	81.8	111.7	324.1	669.8	359.2
4:31:56	1:01:07	28.9	29.0	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.9	128.9	127.4	125.4	81.4	81.8	111.7	324.1	669.7	359.2
4:32:56	1:02:07	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.3	122.4	127.3	125.3	81.4	81.6	111.7	324.0	669.7	359.2
4:33:56	1:03:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.1	127.2	125.2	81.4	81.8	111.7	324.1	669.7	359.2
4:34:56	1:04:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	128.4	127.1	125.1	81.4	81.8	111.7	324.1	669.8	359.2
4:35:56	1:05:07	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.2	121.8	127.1	125.1	81.4	81.8	111.7	324.1	669.7	359.2
4:36:56	1:06:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	118.9	127.0	125.0	81.4	81.8	111.7	324.1	669.7	357.7
4:37:57	1:07:07	28.9	29.0	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.2	118.4	125.0	126.8	124.9	81.4	81.6	111.7	324.1	669.7	357.7
4:38:57	1:08:07	28.9	29.0	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.2	118.8	123.7	126.7	124.8	81.4	81.6	111.6	324.1	669.7	357.8
4:39:57	1:09:08	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.8	126.7	124.8	81.4	81.6	111.6	324.1	669.7	357.7
4:40:57	1:10:08	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	119.2	126.6	124.8	81.4	81.8	111.6	324.1	669.8	356.2
4:41:57	1:11:08	28.9	29.0	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.4	125.8	126.5	124.6	81.4	81.8	111.6	324.0	669.8	356.3
4:42:57	1:12:08	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.5	126.4	124.6	81.4	81.8	111.6	324.0	669.7	356.2
4:43:57	1:13:08	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.2	119.2	127.4	126.3	124.6	81.4	81.8	111.6	324.1	669.7	356.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000180

4:44:57	1:14:08	28.9	29.0	29.9	72.8	97.7	118.1	118.7	118.4	117.3	118.8	118.6	118.4	123.2	138.5	126.2	124.4	81.4	81.8	111.6	324.0	669.7	356.2
4:45:57	1:15:08	28.9	29.0	29.9	72.9	97.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.8	125.6	126.2	124.4	81.6	81.8	111.7	324.0	669.7	355.1
4:46:58	1:16:08	28.9	29.0	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.6	116.4	126.1	124.3	81.4	81.8	111.6	324.1	669.8	354.7
4:47:58	1:17:08	28.9	29.0	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.4	126.0	124.2	81.4	81.8	111.6	324.1	669.7	354.7
4:48:58	1:18:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.7	118.6	118.4	116.2	115.7	125.8	124.2	81.4	81.8	111.6	324.0	669.7	354.7
4:49:58	1:19:09	28.9	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	119.5	125.8	124.1	81.4	81.8	111.5	324.1	669.7	354.7
4:50:58	1:20:09	28.9	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.6	125.7	124.0	81.4	81.8	111.5	324.0	669.7	354.7
4:51:58	1:21:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.5	120.1	125.7	124.0	81.6	81.8	111.5	324.1	669.7	353.2
4:52:58	1:22:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.6	131.8	125.5	123.9	81.4	81.8	111.5	324.0	669.7	353.2
4:53:58	1:23:09	28.9	28.9	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	123.5	137.9	125.4	123.8	81.6	81.8	111.6	324.0	669.7	353.2
4:54:58	1:24:09	28.9	28.9	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	118.3	121.4	125.4	123.8	81.6	81.8	111.5	324.0	669.7	353.2
4:55:59	1:25:09	28.9	28.9	29.9	72.9	97.7	118.2	118.8	118.4	117.4	118.9	118.7	118.5	116.4	115.7	125.2	123.7	81.6	81.9	111.5	324.0	669.7	353.2
4:56:59	1:26:09	28.9	28.9	29.9	72.9	98.1	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.2	115.4	125.2	123.6	81.6	81.9	111.5	324.1	669.7	353.2
4:57:59	1:27:09	28.9	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	115.8	125.0	123.5	81.6	81.9	111.4	324.1	669.7	353.2
4:58:59	1:28:10	28.9	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	127.2	125.0	123.5	81.6	81.9	111.5	324.0	669.8	351.7
4:59:59	1:29:10	28.9	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	117.7	120.7	124.9	123.4	81.6	81.8	111.4	324.0	669.8	351.7
5:00:59	1:30:10	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.6	124.8	123.4	81.6	81.8	111.4	324.1	669.7	351.7
5:01:59	1:31:10	28.9	28.9	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	126.5	124.7	123.3	81.6	81.8	111.4	324.1	669.8	351.7
5:02:59	1:32:10	28.9	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	121.8	124.7	123.2	81.6	81.9	111.4	324.1	669.7	351.7
5:03:59	1:33:10	28.9	28.9	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.6	118.4	122.5	136.2	124.5	123.2	81.6	81.8	111.4	324.0	669.7	350.1
5:05:00	1:34:10	28.9	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	118.8	123.1	124.4	123.1	81.7	81.8	111.3	324.1	669.8	350.2
5:06:00	1:35:10	28.9	28.9	29.9	72.9	97.8	118.1	118.8	118.4	117.3	118.8	118.7	118.5	116.3	116.0	124.5	123.0	81.7	81.8	111.4	324.0	669.7	350.2
5:07:00	1:36:10	28.9	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.4	124.3	123.0	81.7	81.8	111.3	324.1	669.8	350.2
5:08:00	1:37:11	28.8	28.9	29.9	72.9	98.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.7	124.2	122.9	81.7	81.8	111.3	324.0	669.7	350.2
5:09:00	1:38:11	28.8	28.9	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.8	127.5	124.2	122.9	81.7	81.9	111.3	324.0	669.7	350.2
5:10:00	1:39:11	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	120.7	124.1	122.7	81.7	81.8	111.3	324.0	669.7	350.2
5:11:00	1:40:11	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.0	130.1	129.2	122.7	81.6	81.8	111.3	324.0	669.7	350.2
5:12:00	1:41:11	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.9	124.2	128.7	122.6	81.6	81.8	111.3	324.0	669.7	350.2
5:13:00	1:42:11	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.7	120.0	128.9	122.6	81.7	81.8	111.2	324.0	669.7	350.2
5:14:01	1:43:11	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	118.3	129.0	122.4	81.7	81.8	111.3	324.0	669.7	348.6
5:15:01	1:44:11	28.8	28.9	29.9	72.9	98.4	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.6	117.4	128.8	122.4	81.6	81.8	111.2	324.0	669.7	348.6
5:16:01	1:45:12	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	127.7	128.5	122.4	81.7	81.8	111.2	324.0	669.8	348.6
5:17:01	1:46:12	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.8	121.2	128.6	122.3	81.6	81.8	111.2	324.0	669.7	348.7
5:18:01	1:47:12	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	126.9	128.4	122.2	81.7	81.8	111.2	324.0	669.7	348.7
5:19:01	1:48:12	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.1	138.3	128.3	122.1	81.6	81.9	111.3	324.1	669.7	348.7
5:20:01	1:49:12	28.8	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	119.0	118.8	118.6	120.3	127.4	128.2	122.1	81.7	81.8	111.2	324.1	669.7	348.7
5:21:01	1:50:12	28.8	28.9	29.9	72.9	97.4	118.3	118.8	118.6	117.5	119.0	118.8	118.6	116.8	116.7	128.1	122.0	81.7	81.9	111.2	324.0	669.7	347.2
5:22:01	1:51:12	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.2	115.3	127.9	121.9	81.6	81.9	111.2	324.0	669.7	347.2
5:23:02	1:52:12	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.2	115.6	127.8	121.9	81.6	81.9	111.2	324.0	669.7	347.2
5:24:02	1:53:12	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.8	127.6	121.8	81.6	81.9	111.2	324.1	669.7	347.2
5:25:02	1:54:12	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.7	127.5	121.7	81.6	81.9	111.1	324.1	669.8	347.1
5:26:02	1:55:13	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.8	121.4	127.4	121.7	81.7	81.9	111.0	324.1	669.7	347.1
5:27:02	1:56:13	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.5	127.3	121.6	81.6	81.9	111.0	324.0	669.7	347.2
5:28:02	1:57:13	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.5	118.5	118.3	120.0	128.3	127.2	121.6	81.7	81.8	111.0	324.0	669.7	345.7
5:29:02	1:58:13	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.0	121.4	127.3	121.5	81.6	81.8	111.0	324.0	669.7	345.7
5:30:02	1:59:13	28.8	28.9	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.2	118.7	127.1	121.4	81.7	81.8	111.0	324.0	669.7	345.7
5:31:02	2:00:13	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.5	131.3	127.0	121.3	81.6	81.8	110.9	324.0	669.7	345.7
5:32:02	2:01:13	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.6	138.6	126.9	121.3	81.7	81.8	111.0	324.0	669.7	345.7
5:33:03	2:02:13	28.8	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	118.4	122.1	126.7	121.2	81.4	81.8	110.9	324.0	669.7	345.7
5:34:03	2:03:13	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.3	115.7	126.6	121.2	81.6	81.8	110.9	324.0	669.8	345.7
5:35:03	2:04:13	28.8	28.9	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.1	115.4	126.6	121.1	81.6	81.8	110.9	324.0	669.7	345.7
5:36:03	2:05:14	28.8	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	115.6	126.5	121.1	81.6	81.8	110.9	324.0	669.7	345.7
5:37:03	2:06:14	28.8	28.9	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.2	127.9	126.5	121.0	81.6	81.8	110.8	324.0	669.7	345.7
5:38:03	2:07:14	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.4	123.5	126.4	120.9	81.6	81.8	110.9	324.1	669.7	345.7
5:39:03	2:08:14	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.6	128.3	126.2	120.9	81.7	81.8	110.8	324.0	669.7	345.7
5:40:03	2:09:14	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.2	138.2	126.1	120.8	81.7	81.8	110.9	324.0	669.7	345.6
5:41:03	2:10:14	28.8	28.9	29.9	73.4	98.0	118.3	118.8	118.5	117.5	119.0	118.8	118.6	118.6	122.5	126.0	120.7	81.4	81.8	110.9	324.0	669.7	345.6
5:42:03	2:11:14	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.3	115.9	125.9	120.7	81.6	81.8	110.8	324.0	669.7	344.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000181

5:43:04	2:12:14	28.8	28.9	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.4	125.8	120.6	81.6	81.8	110.8	324.0	669.7	344.1
5:44:04	2:13:14	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.0	115.6	125.8	120.6	81.6	81.8	110.7	324.1	669.7	344.2
5:45:04	2:14:15	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.6	128.4	125.7	120.5	81.6	81.8	110.7	324.1	669.7	344.2
5:46:04	2:15:15	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.0	121.9	125.5	120.4	81.6	81.8	110.7	324.0	669.7	344.1
5:47:04	2:16:15	28.8	28.9	29.9	73.0	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	120.7	125.5	120.4	81.6	81.8	110.7	324.1	669.7	344.1
5:48:04	2:17:15	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.1	135.7	125.4	120.3	81.6	81.8	110.8	324.0	669.7	344.1
5:49:04	2:18:15	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.5	118.3	122.7	125.3	120.2	81.6	81.8	110.7	324.0	669.7	344.1
5:50:04	2:19:15	28.8	28.9	29.9	72.9	98.0	118.1	118.6	118.4	117.3	118.8	118.7	118.5	116.1	115.9	125.2	120.2	81.6	81.8	110.7	324.1	669.7	342.7
5:51:05	2:20:15	28.8	28.9	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	115.9	115.3	125.1	120.1	81.6	81.8	110.7	324.0	669.7	342.7
5:52:05	2:21:15	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	128.3	125.0	120.1	81.6	81.8	110.6	324.0	669.7	342.6
5:53:05	2:22:15	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.8	121.1	124.9	120.0	81.6	81.8	110.6	324.1	669.7	342.7
5:54:05	2:23:16	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.9	118.3	124.8	119.8	81.6	81.8	110.6	324.0	669.7	342.7
5:55:05	2:24:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	129.0	124.7	119.8	81.6	81.6	110.5	324.0	669.7	342.7
5:56:05	2:25:16	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	118.1	121.9	124.7	119.8	81.6	81.8	110.6	324.1	669.7	342.7
5:57:05	2:26:16	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.2	118.9	124.5	119.7	81.6	81.8	110.5	324.0	669.7	342.7
5:58:05	2:27:16	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.4	118.2	116.7	117.6	124.5	119.7	81.6	81.8	110.5	324.0	669.7	342.6
5:59:05	2:28:16	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.8	127.5	124.3	119.6	81.4	81.8	110.5	324.0	669.7	342.7
6:00:05	2:29:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.8	121.1	124.3	119.6	81.6	81.8	110.5	324.1	669.7	342.7
6:01:06	2:30:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	126.5	124.2	119.5	81.6	81.8	110.5	324.1	669.7	341.1
6:02:06	2:31:16	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.7	118.6	118.4	119.4	125.8	124.1	119.3	81.4	81.8	110.5	324.0	669.7	341.1
6:03:06	2:32:16	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.6	119.4	127.2	119.3	81.4	81.8	110.5	324.0	669.7	341.2
6:04:06	2:33:17	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	115.7	114.8	128.9	119.3	81.4	81.6	110.4	324.0	669.7	341.1
6:05:06	2:34:17	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.4	118.2	117.4	122.6	128.8	119.3	81.6	81.8	110.4	324.0	669.7	341.2
6:06:06	2:35:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.4	118.2	118.8	124.6	128.5	119.2	81.4	81.8	110.3	324.0	669.7	341.2
6:07:06	2:36:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.1	129.8	128.5	119.2	81.6	81.6	110.4	324.0	669.7	341.2
6:08:06	2:37:17	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.3	122.7	128.6	119.1	81.4	81.6	110.3	324.0	669.7	341.2
6:09:06	2:38:17	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	117.3	119.2	128.5	122.4	81.4	81.6	111.2	324.0	669.7	341.2
6:10:07	2:39:17	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.9	117.9	128.4	122.5	81.6	81.6	110.7	324.1	669.7	341.2
6:11:07	2:40:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	129.0	128.2	122.5	81.6	81.6	110.7	324.0	669.7	341.1
6:12:07	2:41:17	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.2	122.2	128.1	122.4	81.4	81.6	110.7	324.1	669.7	341.1
6:13:07	2:42:18	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.2	119.1	128.0	122.3	81.4	81.6	110.7	324.0	669.7	341.1
6:14:07	2:43:18	28.8	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.9	126.8	127.8	122.3	81.4	81.6	110.7	324.0	669.7	341.1
6:15:07	2:44:18	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	123.0	138.1	127.7	122.2	81.4	81.6	110.7	324.0	669.7	341.1
6:16:07	2:45:18	28.8	28.9	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.8	126.2	127.6	122.1	81.4	81.6	110.7	324.0	669.7	341.1
6:17:07	2:46:18	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.5	127.6	122.1	81.4	81.6	110.8	324.0	669.7	341.1
6:18:07	2:47:18	28.8	28.9	29.9	73.4	98.4	118.1	118.7	118.4	117.4	118.7	118.6	118.4	116.1	115.3	127.4	122.0	81.4	81.6	110.7	324.0	669.7	341.2
6:19:08	2:48:18	28.8	28.9	29.9	72.9	97.9	118.1	118.6	118.4	117.3	118.6	118.5	118.4	116.0	115.6	127.3	121.9	81.4	81.6	110.7	324.0	669.7	339.6
6:20:08	2:49:18	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.7	123.2	127.2	121.9	81.4	81.6	110.7	324.0	669.7	339.7
6:21:08	2:50:18	28.8	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.8	124.3	127.2	121.8	81.4	81.6	110.7	324.1	669.7	339.7
6:22:08	2:51:19	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.2	119.4	127.1	121.7	81.4	81.4	110.7	324.0	669.7	339.6
6:23:08	2:52:19	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	128.7	126.9	121.7	81.4	81.4	110.7	324.0	669.7	339.6
6:24:08	2:53:19	28.8	28.8	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.2	122.1	126.7	121.6	81.4	81.3	110.6	324.0	669.7	339.6
6:25:08	2:54:19	28.8	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.0	126.7	121.6	81.4	81.4	110.6	324.0	669.7	339.6
6:26:08	2:55:19	28.8	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	117.6	126.6	121.4	81.4	81.4	110.7	324.0	669.7	339.6
6:27:08	2:56:19	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	128.2	126.5	121.4	81.4	81.3	110.6	324.0	669.7	339.6
6:28:09	2:57:19	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.8	121.3	126.4	121.3	81.4	81.3	110.6	324.0	669.7	339.7
6:29:09	2:58:19	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.5	118.5	118.3	117.1	119.4	126.3	121.3	81.4	81.3	110.6	324.0	669.7	339.6
6:30:09	2:59:19	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	121.9	135.2	126.2	121.2	81.3	81.3	110.6	324.0	669.7	338.1
6:31:09	3:00:20	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	120.3	127.7	126.1	121.1	81.4	81.3	110.6	324.0	669.7	338.1
6:32:09	3:01:20	28.8	28.8	29.9	72.9	97.6	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.8	126.1	121.1	81.4	81.3	110.6	324.0	669.7	338.1
6:33:09	3:02:20	28.8	28.8	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	115.3	126.0	121.0	81.4	81.3	110.6	324.0	669.7	338.2
6:34:09	3:03:20	28.8	28.8	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.6	118.6	118.4	115.9	115.4	125.8	121.0	81.3	81.2	110.5	324.0	669.7	338.2
6:35:09	3:04:20	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.6	131.9	125.7	120.8	81.3	81.3	110.6	324.0	669.8	338.1
6:36:09	3:05:20	28.8	28.8	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.4	118.8	123.6	125.7	120.9	81.3	81.2	110.5	324.0	669.7	338.4
6:37:09	3:06:20	28.8	28.8	29.9	72.9	97.9	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	116.0	125.6	120.8	81.3	81.2	110.5	324.0	669.7	338.1
6:38:10	3:07:20	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.6	125.4	120.7	81.3	81.1	110.4	324.0	669.7	338.2
6:39:10	3:08:20	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	120.3	129.8	125.4	120.6	81.3	81.2	110.5	324.0	669.7	338.1
6:40:10	3:09:21	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.0	121.6	125.3	120.6	81.3	81.2	110.5	324.0	669.7	338.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000182

6:41:10	3:10:21	28.8	28.8	29.9	73.4	98.6	118.0	118.6	118.3	117.3	118.6	118.6	118.4	117.0	118.6	125.2	120.5	81.3	81.2	110.5	324.0	669.7	338.1
6:42:10	3:11:21	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.5	117.3	125.2	120.5	81.2	81.3	110.5	324.0	669.7	338.1
6:43:10	3:12:21	28.8	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.4	125.1	120.4	81.2	81.2	110.4	324.0	669.7	338.2
6:44:10	3:13:21	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.8	121.4	124.9	120.4	81.2	81.1	110.4	324.0	669.7	338.2
6:45:10	3:14:21	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	118.9	127.1	124.8	120.3	81.2	81.1	110.4	324.0	669.7	338.2
6:46:10	3:15:21	28.8	28.8	29.9	73.4	98.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	123.1	138.1	124.8	120.2	81.2	81.1	110.4	324.0	669.7	336.6
6:47:10	3:16:21	28.8	28.8	29.9	72.9	97.4	118.3	118.8	118.6	117.5	118.9	118.8	118.6	118.9	123.4	124.7	120.2	81.2	81.1	110.4	324.0	669.7	336.6
6:48:11	3:17:21	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	115.9	124.7	120.1	81.2	81.1	110.4	324.0	669.7	336.6
6:49:11	3:18:21	28.8	28.8	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	124.6	120.1	81.2	81.1	110.3	324.0	669.7	336.6
6:50:11	3:19:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.9	115.5	124.5	120.0	81.2	81.1	110.4	324.0	669.7	336.6
6:51:11	3:20:22	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	118.5	124.4	119.8	81.1	81.1	110.3	324.0	669.7	336.6
6:52:11	3:21:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	119.3	126.4	124.3	119.8	81.2	81.1	110.3	324.0	669.7	336.7
6:53:11	3:22:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	117.3	120.1	124.2	119.8	81.2	81.0	110.3	324.0	669.7	336.7
6:54:11	3:23:22	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.6	123.3	124.2	119.8	81.2	81.0	110.3	324.0	669.7	336.7
6:55:11	3:24:22	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.9	124.9	124.0	119.7	81.1	81.0	110.2	324.0	669.7	336.7
6:56:12	3:25:22	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.4	119.9	129.3	119.6	81.1	81.0	110.3	324.0	669.7	336.6
6:57:12	3:26:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.8	118.1	129.0	119.7	81.2	81.0	110.2	324.0	669.7	336.6
6:58:12	3:27:23	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	120.3	130.1	128.9	119.5	81.1	81.0	110.2	324.0	669.7	336.6
6:59:12	3:28:23	28.7	28.8	29.9	73.4	98.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	118.3	122.7	128.6	119.5	81.1	80.9	110.1	324.0	669.7	336.6
7:00:12	3:29:23	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.2	128.4	119.3	81.1	81.0	110.2	324.0	669.7	336.6
7:01:12	3:30:23	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.7	117.8	128.6	119.3	81.1	80.9	110.1	324.0	669.7	336.6
7:02:12	3:31:23	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	118.8	128.3	119.3	81.1	80.8	110.0	324.0	669.7	336.6
7:03:12	3:32:23	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.4	126.6	128.3	119.3	81.0	80.9	110.1	324.0	669.7	336.6
7:04:13	3:33:23	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	120.6	128.2	119.2	81.0	80.8	110.0	324.0	669.7	336.6
7:05:13	3:34:23	28.7	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.8	123.6	128.1	119.2	81.0	80.8	110.0	324.0	669.7	336.6
7:06:13	3:35:23	28.7	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.8	127.0	127.9	119.8	81.0	80.8	110.5	324.0	669.7	336.6
7:07:13	3:36:23	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.7	120.2	127.8	122.3	81.0	80.8	110.5	324.0	669.7	336.6
7:08:13	3:37:24	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	115.0	113.3	127.7	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:09:13	3:38:24	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.4	118.4	118.2	118.9	127.9	127.6	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:10:13	3:39:24	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	122.2	127.6	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:11:13	3:40:24	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	119.2	125.7	127.4	122.1	80.9	80.8	110.3	324.0	669.7	336.6
7:12:13	3:41:24	28.7	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.4	119.9	127.4	122.0	80.9	80.8	110.3	324.0	669.7	335.1
7:13:14	3:42:24	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.7	117.9	127.4	122.0	80.9	80.7	110.3	324.0	669.7	335.1
7:14:14	3:43:24	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.6	118.3	119.9	128.0	127.3	121.9	80.9	80.7	110.3	324.0	669.7	335.1
7:15:14	3:44:24	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.8	121.2	127.2	121.8	80.8	80.6	110.3	324.0	669.7	335.1
7:16:14	3:45:25	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	118.6	127.1	121.8	80.9	80.6	110.2	324.0	669.7	335.1
7:17:14	3:46:25	28.7	28.8	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	117.6	127.1	121.7	80.8	80.6	110.2	324.0	669.7	335.1
7:18:14	3:47:25	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.6	127.1	126.9	121.7	80.9	80.6	110.3	324.0	669.7	335.1
7:19:14	3:48:25	28.7	28.8	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.6	120.7	126.8	121.5	80.8	80.6	110.3	324.0	669.7	335.1
7:20:14	3:49:25	28.7	28.8	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.9	118.4	126.7	121.5	80.8	80.5	110.2	324.0	669.7	335.1
7:21:14	3:50:25	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.3	125.5	126.7	121.4	80.8	80.5	110.2	324.0	669.7	335.1
7:22:15	3:51:25	28.7	28.8	29.9	73.3	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	118.7	124.1	126.6	121.4	80.8	80.5	110.2	324.0	669.7	335.1
7:23:15	3:52:25	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.3	119.6	126.6	121.3	80.7	80.5	110.2	324.0	669.7	335.1
7:24:15	3:53:26	28.7	28.8	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.2	127.5	126.5	121.3	80.8	80.5	110.2	324.0	669.7	335.1
7:25:15	3:54:26	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.4	123.1	126.4	121.2	80.8	80.4	110.1	324.0	669.7	335.1
7:26:15	3:55:26	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.4	126.3	121.1	80.7	80.4	110.1	324.0	669.7	335.1
7:27:15	3:56:26	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	118.6	125.8	126.2	121.1	80.7	80.4	110.1	324.0	669.7	335.1
7:28:15	3:57:26	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.8	137.7	126.1	121.0	80.6	80.4	110.1	324.0	669.7	335.1
7:29:15	3:58:26	28.7	28.8	29.9	73.4	98.0	118.3	118.8	118.6	117.5	119.0	118.8	118.6	120.5	128.1	126.0	121.0	80.7	80.3	110.2	324.0	669.7	335.1
7:30:16	3:59:26	28.7	28.8	29.9	73.4	97.9	118.3	118.9	118.6	117.5	119.0	118.8	118.6	116.7	116.9	125.8	120.9	80.7	80.4	110.1	324.0	669.7	335.1
7:31:16	4:00:26	28.7	28.8	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.8	118.7	118.5	116.1	115.3	125.9	120.8	80.6	80.3	110.1	324.0	669.7	333.6
7:32:16	4:01:27	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.7	118.4	116.0	115.4	125.8	120.7	80.6	80.3	110.1	324.0	669.7	335.1
7:33:16	4:02:27	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.9	115.6	125.7	120.7	80.6	80.3	110.0	324.0	669.7	333.6
	BEGIN GAS ADDITION (3) (ravallone)						06/08/2015 18:53:23																
7:33:45	4:02:55	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	115.7	115.6	125.6	120.7	80.6	80.2	110.0	324.0	669.7	333.6
	END GAS ADDITION (4) (ravallone)						06/08/2015 18:53:37																
7:33:57	4:03:08	29.0	29.1	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.5	118.5	118.3	115.7	116.9	125.6	120.6	81.3	80.2	110.0	324.0	669.7	335.1
7:34:16	4:03:27	29.0	29.1	29.9	73.9	99.4	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.7	123.9	125.6	120.6	84.3	80.3	110.0	324.0	669.7	338.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000183

7:35:16	4:04:27	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	122.0	136.4	125.5	120.5	84.7	80.3	110.0	324.0	669.7	336.6
7:36:16	4:05:27	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	121.0	130.5	125.5	120.5	84.2	80.3	110.0	324.0	669.7	335.1
7:37:16	4:06:27	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.6	117.4	125.3	120.4	83.7	80.3	110.0	324.0	669.7	333.6
7:38:17	4:07:27	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.5	115.9	115.3	125.3	120.4	83.4	80.3	109.9	324.0	669.7	332.1
7:39:17	4:08:27	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.6	118.3	115.8	115.3	125.2	120.2	82.8	80.2	109.9	324.0	669.7	332.2
7:40:17	4:09:27	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	126.0	125.1	120.2	82.7	80.2	109.8	324.0	669.7	332.1
7:41:17	4:10:28	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.4	118.3	123.6	125.1	120.2	82.3	80.2	109.9	324.0	669.7	332.1
7:42:17	4:11:28	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	120.2	124.9	120.1	82.1	80.2	109.8	324.0	669.7	332.1
7:43:17	4:12:28	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	120.6	130.3	124.9	120.0	81.9	80.2	109.8	324.0	669.7	332.1
7:44:17	4:13:28	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.9	118.7	124.8	119.8	81.7	80.2	109.8	324.0	669.7	330.6
7:45:17	4:14:28	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.7	115.3	124.7	119.8	81.4	80.1	109.8	324.0	669.7	330.6
7:46:17	4:15:28	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.8	128.7	124.6	119.8	81.4	80.1	109.7	324.0	669.7	330.6
7:47:18	4:16:28	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	117.7	121.2	124.5	119.7	81.3	80.1	109.7	324.0	669.7	330.6
7:48:18	4:17:28	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.7	118.2	124.5	119.7	81.2	80.1	109.7	324.0	669.7	330.6
7:49:18	4:18:28	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	120.1	129.6	124.4	119.7	81.1	80.1	109.7	324.0	669.7	330.6
7:50:18	4:19:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.1	122.2	124.3	119.6	81.0	80.0	109.7	324.0	669.7	330.6
7:51:18	4:20:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.0	118.8	124.2	119.5	81.0	80.0	109.7	324.0	669.7	330.6
7:52:18	4:21:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.7	123.5	124.1	119.5	80.9	80.0	109.6	324.0	669.7	330.6
7:53:18	4:22:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.0	125.3	124.1	119.3	80.8	80.0	109.6	324.0	669.7	330.5
7:54:18	4:23:29	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.6	118.4	117.5	120.1	128.5	119.3	80.8	80.0	109.6	324.0	669.7	330.6
7:55:18	4:24:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.8	118.1	129.6	119.2	80.7	79.9	109.6	324.0	669.7	330.6
7:56:18	4:25:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.2	127.7	129.4	119.2	80.6	80.0	109.6	324.0	669.7	330.6
7:57:19	4:26:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	122.9	138.3	129.1	119.1	80.6	79.9	109.6	324.0	669.7	330.6
7:58:19	4:27:29	29.0	29.1	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	119.6	125.9	129.0	119.2	80.5	79.9	109.6	324.0	669.7	330.6
7:59:19	4:28:30	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.6	129.0	122.5	80.6	79.8	110.1	324.0	669.7	330.6
8:00:19	4:29:30	29.0	29.1	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.8	118.7	118.5	116.0	115.3	129.1	122.3	80.5	79.9	109.9	324.0	669.7	330.6
8:01:19	4:30:30	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	115.8	115.4	129.0	122.2	80.4	79.8	109.8	324.0	669.7	330.6
8:02:19	4:31:30	29.0	29.1	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.5	118.5	118.3	115.7	115.5	129.0	122.3	80.4	79.8	109.9	324.0	669.7	330.6
8:03:19	4:32:30	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	128.8	122.1	80.3	79.8	109.8	324.0	669.7	330.6
8:04:19	4:33:30	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	117.7	121.5	128.9	122.1	80.4	79.8	109.9	324.0	669.7	330.6
8:05:20	4:34:30	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	120.6	131.1	128.8	122.0	80.2	79.8	109.9	324.0	669.7	330.6
8:06:20	4:35:30	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	118.3	122.8	128.7	121.9	80.2	79.7	109.8	324.0	669.7	330.6
8:07:20	4:36:30	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.6	118.6	118.4	117.3	119.2	128.7	121.9	80.2	79.7	109.8	324.0	669.7	330.6
8:08:20	4:37:31	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.7	117.7	128.6	121.8	80.2	79.7	109.8	324.0	669.7	330.6
8:09:20	4:38:31	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.0	128.5	121.8	80.2	79.6	109.7	324.0	669.7	330.7
8:10:20	4:39:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.8	127.9	128.5	121.7	80.2	79.7	109.8	324.0	669.7	330.6
8:11:20	4:40:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.7	121.0	128.4	121.6	80.1	79.6	109.7	324.0	669.7	330.6
8:12:20	4:41:31	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.2	128.3	121.5	80.0	79.6	109.7	324.0	669.7	330.6
8:13:21	4:42:31	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	128.4	128.1	121.5	80.0	79.6	109.7	324.0	669.7	330.6
8:14:21	4:43:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.8	121.4	128.1	121.4	80.0	79.6	109.7	324.0	669.7	330.6
8:15:21	4:44:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.0	118.6	128.1	121.4	80.0	79.6	109.7	324.0	669.7	330.6
8:16:21	4:45:32	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.7	119.7	127.9	121.3	80.0	79.5	109.7	324.0	669.7	330.6
8:17:21	4:46:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	119.3	126.1	127.9	121.2	80.0	79.5	109.6	324.0	669.7	330.6
8:18:21	4:47:32	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.5	120.3	127.9	121.1	79.9	79.4	109.6	324.0	669.7	330.6
8:19:21	4:48:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.6	122.6	127.9	121.1	79.9	79.4	109.6	324.0	669.7	330.6
8:20:21	4:49:32	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.0	125.0	127.8	121.0	79.9	79.4	109.6	324.0	669.7	330.6
8:21:21	4:50:32	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.5	120.0	127.7	121.0	79.8	79.4	109.6	324.0	669.7	330.6
8:22:21	4:51:32	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.8	118.0	127.7	120.9	79.8	79.4	109.6	324.0	669.7	330.6
8:23:22	4:52:32	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.8	120.9	127.5	120.8	79.7	79.4	109.6	324.0	669.7	330.5
8:24:22	4:53:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	119.2	125.8	127.5	120.8	79.7	79.3	109.6	324.0	669.7	330.6
8:25:22	4:54:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.5	120.2	127.3	120.7	79.8	79.3	109.5	324.0	669.7	330.6
8:26:22	4:55:33	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.2	121.5	127.4	120.6	79.8	79.3	109.5	324.0	669.7	330.6
8:27:22	4:56:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	120.4	129.1	127.4	120.6	79.7	79.3	109.5	324.0	669.7	330.6
8:28:22	4:57:33	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.4	117.5	119.8	127.2	120.5	79.7	79.3	109.4	324.0	669.7	330.6
8:29:22	4:58:33	29.0	29.1	29.9	73.4	98.9	118.0	118.5	118.3	117.2	118.6	118.6	118.3	115.8	115.5	127.1	120.4	79.7	79.2	109.4	324.0	669.7	329.1
8:30:22	4:59:33	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.3	118.9	127.2	127.1	120.4	79.7	79.2	109.4	324.0	669.7	330.6
8:31:23	5:00:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	120.4	129.5	127.1	120.3	79.7	79.2	109.4	324.0	669.7	329.1
8:32:23	5:01:33	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.9	118.5	127.1	120.2	79.6	79.2	109.4	324.0	669.7	329.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000184

8:33:23	5:02:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.4	114.7	127.0	120.2	79.6	79.1	109.4	324.0	669.7	329.1
8:34:23	5:03:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.4	129.0	126.9	120.1	79.6	79.2	109.3	324.0	669.7	329.1
8:35:23	5:04:34	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.4	117.2	118.7	118.7	118.4	122.7	138.1	126.9	120.0	79.5	79.1	109.4	324.0	669.7	329.1
8:36:23	5:05:34	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.2	125.4	126.7	120.0	79.6	79.2	109.4	324.0	669.7	329.1
8:37:23	5:06:34	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.6	116.3	116.3	126.6	119.8	79.6	79.1	109.3	324.0	669.7	329.1
8:38:23	5:07:34	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.5	115.9	115.1	126.6	119.8	79.5	79.1	109.3	324.0	669.7	329.1
8:39:23	5:08:34	29.0	29.1	29.9	73.4	98.7	118.0	118.5	118.3	117.3	118.6	118.6	118.4	115.7	115.2	126.6	119.8	79.5	79.1	109.3	324.0	669.7	329.1
8:40:24	5:09:34	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.6	126.7	126.5	119.7	79.5	79.1	109.2	324.0	669.7	329.1
8:41:24	5:10:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	118.2	123.2	126.3	119.6	79.5	78.9	109.1	324.0	669.7	329.1
8:42:24	5:11:35	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	119.8	129.8	126.4	119.6	79.4	79.0	109.2	324.0	669.7	329.1
8:43:24	5:12:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.5	118.8	124.1	126.3	119.6	79.5	79.0	109.2	324.0	669.7	329.1
8:44:24	5:13:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.5	114.8	126.3	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:45:24	5:14:35	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	114.7	115.7	126.2	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:46:24	5:15:35	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.2	117.1	118.5	118.5	118.3	119.6	128.9	126.2	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:47:24	5:16:35	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.9	127.9	126.0	119.2	79.3	79.0	109.0	324.0	669.7	329.1
8:48:24	5:17:35	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.2	123.1	126.0	119.2	79.4	78.9	109.0	324.0	669.7	329.1
8:49:25	5:18:35	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.5	122.7	125.9	119.1	79.3	78.9	109.0	324.0	669.7	329.1
8:50:25	5:19:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	119.6	126.8	125.9	119.1	79.3	78.9	109.0	324.0	669.7	329.2
8:51:25	5:20:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.7	120.6	125.9	122.4	79.3	78.8	109.6	324.0	669.7	329.1
8:52:25	5:21:36	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.9	118.2	125.8	122.4	79.2	78.9	109.3	324.0	669.7	329.1
8:53:25	5:22:36	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.4	125.7	125.6	122.3	79.2	78.8	109.3	324.0	669.7	329.1
8:54:25	5:23:36	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	118.6	123.9	125.5	122.2	79.2	78.7	109.3	324.0	669.7	327.6
8:55:25	5:24:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.5	125.6	122.2	79.2	78.8	109.3	324.0	669.7	327.6
8:56:25	5:25:36	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.7	117.7	125.5	122.1	79.2	78.7	109.2	324.0	669.7	327.6
8:57:26	5:26:36	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	129.3	125.5	122.1	79.1	78.7	109.3	324.0	669.7	327.6
8:58:26	5:27:36	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.8	125.5	122.0	79.2	78.7	109.3	324.0	669.7	327.6
8:59:26	5:28:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.4	117.2	118.6	118.5	118.4	117.0	118.7	125.4	122.0	79.2	78.7	109.3	324.0	669.7	327.6
9:00:26	5:29:37	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.6	123.2	125.2	121.8	79.1	78.7	109.2	324.0	669.7	327.6
9:01:26	5:30:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	119.8	127.5	125.2	121.8	79.1	78.7	109.3	324.0	669.7	327.6
9:02:26	5:31:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.9	118.4	125.2	121.7	79.1	78.6	109.2	324.0	669.7	327.6
9:03:26	5:32:37	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	114.4	112.1	125.2	121.7	79.0	78.6	109.2	324.0	669.7	327.6
9:04:26	5:33:37	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	118.7	127.4	125.1	121.6	79.1	78.6	109.2	324.0	669.7	327.6
9:05:26	5:34:37	29.0	29.1	29.9	73.4	99.3	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	122.8	125.1	121.4	79.0	78.6	109.2	324.0	669.7	327.6
9:06:26	5:35:37	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	129.0	124.9	121.4	79.0	78.5	109.2	324.0	669.7	327.6
9:07:27	5:36:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.8	121.1	124.8	121.4	79.0	78.4	109.1	324.0	669.7	327.6
9:08:27	5:37:37	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.9	118.3	124.8	121.3	79.0	78.5	109.1	324.0	669.7	327.6
9:09:27	5:38:38	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	130.4	124.7	121.2	78.9	78.5	109.1	324.0	669.7	327.6
9:10:27	5:39:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.3	123.1	124.8	121.1	78.9	78.5	109.1	324.0	669.7	327.6
9:11:27	5:40:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.3	124.6	121.1	78.9	78.4	109.1	324.0	669.7	327.6
9:12:27	5:41:38	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.6	117.6	124.6	121.0	78.9	78.4	109.0	324.0	669.7	327.6
9:13:27	5:42:38	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.4	122.6	124.6	120.9	78.9	78.4	109.0	324.0	669.7	327.5
9:14:27	5:43:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.8	127.4	124.6	120.9	78.9	78.4	109.1	324.0	669.7	327.6
9:15:27	5:44:38	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.6	120.8	124.5	120.8	78.8	78.4	109.0	324.0	669.7	327.6
9:16:28	5:45:38	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.3	124.4	120.8	78.9	78.3	109.0	324.0	669.7	327.6
9:17:28	5:46:38	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.8	124.1	124.4	120.6	78.8	78.3	109.0	324.0	669.7	327.5
9:18:28	5:47:39	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.8	124.5	124.4	120.6	78.8	78.3	109.0	324.0	669.7	327.6
9:19:28	5:48:39	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.7	124.2	120.5	78.8	78.3	109.0	324.0	669.7	327.6
9:20:28	5:49:39	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	117.7	124.1	120.5	78.8	78.2	108.9	324.0	669.7	327.6
9:21:28	5:50:39	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.6	129.1	120.4	78.7	78.2	108.9	324.0	669.7	327.6
9:22:28	5:51:39	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.7	121.3	129.0	120.3	78.7	78.2	108.9	324.0	669.7	327.5
9:23:28	5:52:39	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	116.9	118.4	129.0	120.3	78.7	78.2	108.8	324.0	669.7	327.5
9:24:28	5:53:39	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.3	128.9	120.2	78.7	78.2	108.8	324.0	669.7	327.6
9:25:29	5:54:39	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.2	122.6	128.8	120.1	78.6	78.1	108.8	324.0	669.7	327.6
9:26:29	5:55:39	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.0	119.0	128.8	120.1	78.7	78.1	108.8	324.0	669.7	327.6
9:27:29	5:56:39	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	117.5	128.9	119.8	78.6	78.1	108.7	324.0	669.7	327.6
9:28:29	5:57:40	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.3	129.8	128.7	119.8	78.6	78.1	108.8	324.0	669.7	327.6
9:29:29	5:58:40	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.9	128.8	119.8	78.6	78.2	108.8	324.0	669.7	327.6
9:30:29	5:59:40	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.0	118.7	128.7	119.8	78.6	78.1	108.7	324.0	669.7	327.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000185

9:31:29	6:00:40	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	119.3	128.7	128.6	119.7	78.5	78.1	108.7	324.0	669.7	327.6
9:32:29	6:01:40	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.8	118.4	122.5	136.1	128.6	119.7	78.5	78.0	108.7	324.0	669.7	327.6
9:33:29	6:02:40	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.5	120.0	128.5	119.6	78.5	78.0	108.7	324.0	669.7	327.6
9:34:30	6:03:40	29.0	29.1	29.9	73.4	98.4	118.1	118.7	118.4	117.4	118.8	118.7	118.5	115.9	115.5	128.5	119.5	78.5	78.0	108.7	324.0	669.7	327.6
9:35:30	6:04:40	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.6	118.6	118.4	115.7	115.1	128.4	119.5	78.5	77.9	108.6	324.0	669.7	327.5
9:36:30	6:05:40	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.9	121.8	128.5	119.3	78.5	78.0	108.6	324.0	669.7	327.6
9:37:30	6:06:41	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.9	125.4	128.3	119.3	78.5	78.0	108.5	324.0	669.7	327.6
9:38:30	6:07:41	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.1	119.6	128.3	119.3	78.5	78.0	108.5	324.0	669.7	327.6
9:39:30	6:08:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.4	118.5	118.3	116.6	119.8	128.2	119.2	78.5	77.9	108.5	324.0	669.7	327.5
9:40:30	6:09:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	119.8	128.0	128.2	119.1	78.4	77.9	108.5	324.0	669.7	327.6
9:41:30	6:10:41	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.6	121.0	128.1	122.3	78.5	77.9	109.6	324.0	669.7	327.6
9:42:30	6:11:41	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.7	118.2	128.2	122.3	78.5	77.9	108.8	324.0	669.7	326.1
9:43:31	6:12:41	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.4	128.1	122.3	78.4	77.9	108.8	324.0	669.7	326.1
9:44:31	6:13:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	118.2	122.7	127.9	122.2	78.4	77.8	108.8	324.0	669.7	326.1
9:45:31	6:14:41	29.0	29.1	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.4	117.0	119.0	127.8	122.1	78.3	77.8	108.8	324.0	669.7	326.1
9:46:31	6:15:42	29.0	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.5	117.5	127.8	122.1	78.4	77.8	108.8	324.0	669.7	326.1
9:47:31	6:16:42	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	127.7	127.8	122.0	78.4	77.8	108.8	324.0	669.7	326.1
9:48:31	6:17:42	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.5	120.8	127.6	121.9	78.3	77.8	108.8	324.0	669.7	326.1
9:49:31	6:18:42	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.2	127.6	121.9	78.3	77.7	108.8	324.0	669.7	326.1
9:50:31	6:19:42	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.3	128.4	127.6	121.8	78.3	77.7	108.8	324.0	669.7	326.1
9:51:31	6:20:42	28.9	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.2	122.9	127.6	121.7	78.3	77.7	108.8	324.0	669.7	326.1
9:52:32	6:21:42	28.9	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	119.1	127.3	121.7	78.3	77.7	108.7	324.0	669.7	326.1
9:53:32	6:22:42	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	118.9	127.4	121.5	78.3	77.7	108.7	324.0	669.7	326.1
9:54:32	6:23:43	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	127.3	127.3	121.5	78.3	77.6	108.7	324.0	669.7	326.1
9:55:32	6:24:43	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.5	120.7	127.3	121.4	78.2	77.7	108.7	324.0	669.7	326.0
9:56:32	6:25:43	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.3	116.7	118.2	127.2	121.4	78.3	77.6	108.6	324.0	669.7	326.1
9:57:32	6:26:43	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.6	132.1	127.2	121.3	78.3	77.6	108.7	324.0	669.7	326.1
9:58:32	6:27:43	29.0	29.1	29.9	73.4	98.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	123.1	137.3	127.0	121.2	78.2	77.6	108.7	324.0	669.7	326.1
9:59:32	6:28:43	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.8	120.7	126.9	121.2	78.2	77.6	108.7	324.0	669.7	326.1
10:00:33	6:29:43	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.8	118.6	116.1	115.6	127.1	121.1	78.2	77.6	108.7	324.0	669.7	326.1
10:01:33	6:30:43	28.9	29.0	29.9	73.4	98.4	118.1	118.7	118.5	117.3	118.7	118.7	118.5	115.8	115.1	127.0	121.1	78.2	77.7	108.7	324.0	669.7	326.1
10:02:33	6:31:43	28.9	29.0	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	115.7	115.3	126.8	121.0	78.2	77.6	108.6	324.0	669.7	326.1
10:03:33	6:32:44	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.6	118.3	119.2	128.7	126.8	120.9	78.2	77.6	108.6	324.0	669.7	326.1
10:04:33	6:33:44	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.5	118.6	118.3	117.8	122.2	126.8	120.8	78.1	77.6	108.6	324.0	669.7	326.1
10:05:33	6:34:44	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	125.1	126.7	120.7	78.1	77.5	108.5	324.0	669.7	326.1
10:06:33	6:35:44	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.4	137.1	126.7	120.7	78.1	77.6	108.6	324.0	669.7	326.1
10:07:33	6:36:44	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.6	126.4	126.7	120.6	78.1	77.6	108.6	324.0	669.7	326.1
10:08:33	6:37:44	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	116.5	126.7	120.5	78.1	77.5	108.5	324.0	669.7	326.0
10:09:33	6:38:44	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.8	115.1	126.6	120.4	78.1	77.6	108.5	324.0	669.7	326.1
10:10:34	6:39:44	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.1	126.5	120.4	78.0	77.5	108.4	324.0	669.7	326.1
10:11:34	6:40:44	28.9	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	124.6	126.4	120.3	78.0	77.5	108.5	324.0	669.7	326.1
10:12:34	6:41:44	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.4	118.4	124.3	126.4	120.2	78.0	77.5	108.4	324.0	669.7	326.1
10:13:34	6:42:45	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.9	119.1	126.4	120.2	78.0	77.5	108.5	324.0	669.7	326.1
10:14:34	6:43:45	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.9	126.4	120.1	78.0	77.5	108.4	324.0	669.7	324.6
10:15:34	6:44:45	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	118.7	124.5	126.3	120.1	78.0	77.5	108.4	324.0	669.7	324.6
10:16:34	6:45:45	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	119.4	126.3	119.8	77.9	77.4	108.3	324.0	669.7	326.1
10:17:34	6:46:45	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	125.9	126.2	119.8	77.9	77.4	108.4	324.0	669.7	326.1
10:18:34	6:47:45	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.7	124.2	126.1	119.8	78.0	77.4	108.4	324.0	669.7	324.6
10:19:35	6:48:45	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.2	119.5	126.1	119.8	77.9	77.4	108.3	324.0	669.7	324.6
10:20:35	6:49:45	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	117.6	126.1	119.7	78.0	77.4	108.3	324.0	669.7	324.6
10:21:35	6:50:45	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	126.0	119.6	77.9	77.4	108.3	324.0	669.7	324.6
10:22:35	6:51:46	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.5	118.5	118.3	118.0	122.2	125.9	119.6	77.9	77.4	108.3	324.0	669.7	324.6
10:23:35	6:52:46	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.7	126.0	119.5	77.9	77.4	108.2	324.0	669.7	324.6
10:24:35	6:53:46	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.3	126.0	119.5	77.9	77.4	108.2	324.0	669.7	324.6
10:25:35	6:54:46	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.7	137.9	125.9	119.3	77.9	77.4	108.3	324.0	669.7	324.5
10:26:35	6:55:46	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.6	117.4	119.0	118.9	118.6	121.4	131.1	125.8	119.3	77.9	77.4	108.3	324.0	669.7	324.6
10:27:36	6:56:46	28.9	29.0	29.9	73.4	97.9	118.3	118.9	118.6	117.5	119.0	118.9	118.7	116.9	117.7	125.7	119.3	77.9	77.4	108.3	324.0	669.7	324.6
10:28:36	6:57:46	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.8	118.6	116.0	115.3	125.6	119.2	77.8	77.3	108.2	324.0	669.7	324.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000186

10:29:36	6:58:46	28.9	29.0	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.7	118.7	118.5	115.9	115.2	125.6	119.1	77.9	77.3	108.1	324.0	669.7	324.6
10:30:36	6:59:47	28.9	29.0	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.7	115.3	125.5	122.3	77.8	77.3	109.0	324.0	669.7	324.6
10:31:36	7:00:47	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.8	127.5	125.5	122.4	77.9	77.4	108.6	324.0	669.7	324.6
10:32:36	7:01:47	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.6	118.6	118.4	118.1	123.0	125.3	122.3	77.8	77.3	108.5	324.0	669.7	324.6
10:33:36	7:02:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.7	118.7	125.4	122.2	77.8	77.3	108.5	324.0	669.7	324.6
10:34:36	7:03:47	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.3	125.2	122.1	77.8	77.3	108.5	324.0	669.7	324.6
10:35:37	7:04:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.6	127.9	125.1	122.1	77.8	77.2	108.5	324.0	669.7	324.6
10:36:37	7:05:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	120.7	125.1	122.0	77.7	77.2	108.5	324.0	669.7	324.6
10:37:37	7:06:47	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.8	126.9	125.0	121.9	77.8	77.2	108.5	324.0	669.7	324.6
10:38:37	7:07:48	28.9	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.7	118.7	118.4	122.6	137.8	125.0	121.8	77.7	77.2	108.5	324.0	669.7	324.6
10:39:37	7:08:48	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	119.0	118.8	118.6	120.3	127.8	124.9	121.8	77.7	77.2	108.6	324.0	669.7	324.6
10:40:37	7:09:48	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	119.0	118.8	118.7	116.5	116.8	124.9	121.7	77.7	77.2	108.5	324.0	669.7	324.6
10:41:37	7:10:48	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	116.0	115.2	124.7	121.7	77.7	77.2	108.5	324.0	669.7	324.6
10:42:37	7:11:48	28.9	29.0	29.9	73.4	98.6	118.0	118.6	118.3	117.3	118.6	118.7	118.4	115.8	115.3	124.7	121.6	77.8	77.2	108.5	324.0	669.7	324.6
10:43:37	7:12:48	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.4	115.6	115.2	124.7	121.5	77.7	77.2	108.5	324.0	669.7	324.6
10:44:38	7:13:48	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.6	129.3	124.6	121.5	77.8	77.2	108.5	324.0	669.7	324.6
10:45:38	7:14:48	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	121.9	124.6	121.3	77.7	77.2	108.5	324.0	669.7	324.6
10:46:38	7:15:48	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.1	124.5	121.3	77.7	77.1	108.4	324.0	669.7	324.6
10:47:38	7:16:49	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.8	124.7	124.5	121.3	77.7	77.2	108.4	324.0	669.7	324.6
10:48:38	7:17:49	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.2	119.6	124.6	121.1	77.7	77.2	108.4	324.0	669.7	324.6
10:49:38	7:18:49	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.5	117.6	124.5	121.1	77.7	77.2	108.4	324.0	669.7	324.6
10:50:38	7:19:49	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.4	121.1	133.6	124.4	121.0	77.7	77.2	108.4	324.0	669.7	324.6
10:51:38	7:20:49	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.7	136.0	124.3	121.0	77.7	77.2	108.5	324.0	669.7	324.6
10:52:38	7:21:49	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.4	119.7	124.2	120.9	77.7	77.2	108.4	324.0	669.7	324.6
10:53:38	7:22:49	28.9	29.0	29.9	73.5	98.4	118.2	118.8	118.4	117.4	118.8	118.8	118.6	116.0	115.4	124.3	120.8	77.7	77.2	108.4	324.0	669.7	324.6
10:54:39	7:23:49	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.8	115.1	124.1	120.7	77.7	77.2	108.4	324.0	669.7	324.6
10:55:39	7:24:49	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.2	124.2	120.7	77.7	77.2	108.4	324.0	669.7	324.6
10:56:39	7:25:50	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.4	118.5	118.3	118.1	125.4	124.0	120.6	77.7	77.2	108.3	324.0	669.7	324.6
10:57:39	7:26:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	124.1	129.2	120.5	77.6	77.2	108.3	324.0	669.7	324.5
10:58:39	7:27:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.7	127.2	129.2	120.4	77.6	77.2	108.3	324.0	669.7	324.6
10:59:39	7:28:50	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	122.6	137.7	129.0	120.4	77.7	77.2	108.4	324.0	669.7	324.6
11:00:39	7:29:50	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.8	118.6	118.2	122.3	129.0	120.4	77.7	77.2	108.3	324.0	669.7	324.6
11:01:39	7:30:50	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.0	115.9	128.9	120.3	77.7	77.2	108.3	324.0	669.7	324.6
11:02:39	7:31:50	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	115.7	115.1	128.8	120.2	77.7	77.2	108.2	324.0	669.7	324.5
11:03:40	7:32:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.5	115.0	128.8	120.1	77.7	77.2	108.2	324.0	669.7	324.6
11:04:40	7:33:50	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	128.7	120.1	77.6	77.2	108.2	324.0	669.7	323.0
11:05:40	7:34:51	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.4	121.9	128.7	119.8	77.6	77.2	108.2	324.0	669.7	323.1
11:06:40	7:35:51	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	121.7	135.6	128.7	119.8	77.7	77.2	108.2	324.0	669.7	323.1
11:07:40	7:36:51	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	122.4	134.7	128.6	119.8	77.7	77.2	108.2	324.0	669.7	324.6
11:08:40	7:37:51	28.9	29.0	29.9	73.4	97.9	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.3	119.0	128.6	119.8	77.6	77.2	108.2	324.0	669.7	323.0
11:09:40	7:38:51	28.9	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.5	118.9	118.8	118.6	116.1	115.4	128.7	119.7	77.6	77.2	108.2	324.0	669.7	323.1
11:10:40	7:39:51	28.9	29.0	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.6	115.8	115.1	128.5	119.6	77.6	77.3	108.2	324.0	669.7	323.1
11:11:40	7:40:51	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	115.6	115.1	128.5	119.5	77.6	77.2	108.1	324.0	669.7	323.1
11:12:41	7:41:51	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.0	122.2	128.4	119.6	77.6	77.3	108.1	324.0	669.7	323.1
11:13:41	7:42:51	28.9	29.0	29.9	73.4	99.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	118.8	125.5	128.3	119.3	77.6	77.2	108.1	324.0	669.7	323.0
11:14:41	7:43:52	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.3	131.6	128.4	119.3	77.6	77.3	108.1	324.0	669.7	323.3
11:15:41	7:44:52	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	123.3	139.3	128.4	119.3	77.6	77.3	108.2	324.0	669.7	323.1
11:16:41	7:45:52	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.5	119.0	118.9	118.7	118.6	123.0	128.3	119.2	77.6	77.2	108.1	324.0	669.7	323.1
11:17:41	7:46:52	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.4	117.5	118.9	118.8	118.6	116.1	115.8	128.2	119.2	77.6	77.2	108.1	324.0	669.7	323.1
11:18:41	7:47:52	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.1	128.2	119.1	77.6	77.3	108.1	324.0	669.7	323.0
11:19:41	7:48:52	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.3	118.6	118.5	118.4	115.7	115.2	128.1	122.3	77.6	77.3	109.0	324.0	669.7	322.8
11:20:41	7:49:52	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.1	119.4	128.1	122.3	77.6	77.3	108.4	324.0	669.7	323.0
11:21:42	7:50:52	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	119.3	127.4	128.1	122.3	77.6	77.3	108.4	324.0	669.7	323.1
11:22:42	7:51:52	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.2	120.3	128.1	122.2	77.6	77.3	108.4	324.0	669.7	321.6
11:23:42	7:52:52	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.8	120.9	128.0	122.1	77.6	77.3	108.4	324.0	669.7	323.1
11:24:42	7:53:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	125.7	128.0	122.1	77.5	77.3	108.4	324.0	669.7	321.5
11:25:42	7:54:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.2	119.9	127.9	122.0	77.6	77.3	108.4	324.0	669.7	321.6
11:26:42	7:55:53	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.6	127.6	122.0	77.6	77.3	108.4	324.0	669.7	321.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000187

11:27:42	7:56:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.7	118.6	118.4	118.3	123.1	127.6	121.9	77.6	77.3	108.4	324.0	669.7	321.6
11:28:42	7:57:53	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.0	119.1	127.5	121.8	77.6	77.3	108.4	324.0	669.7	321.6
11:29:42	7:58:53	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.5	117.5	127.5	121.7	77.6	77.3	108.4	324.0	669.7	321.8
11:30:43	7:59:53	28.9	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	124.4	127.5	121.7	77.6	77.3	108.3	324.0	669.7	321.5
11:31:43	8:00:53	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.5	127.3	121.6	77.6	77.3	108.4	324.0	669.7	321.6
11:32:43	8:01:53	28.9	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	117.0	119.4	127.3	121.5	77.5	77.2	108.3	324.0	669.7	321.6
11:33:43	8:02:54	28.9	29.0	29.9	73.4	99.3	117.8	118.3	118.1	117.0	118.5	118.5	118.3	117.3	122.3	127.2	121.5	77.6	77.2	108.4	324.0	669.7	321.6
11:34:43	8:03:54	28.9	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.6	118.6	118.4	122.0	136.1	127.1	121.4	77.6	77.2	108.4	324.0	669.7	321.6
11:35:43	8:04:54	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.4	117.4	118.9	118.8	118.6	121.8	132.9	127.1	121.3	77.5	77.2	108.4	324.0	669.7	321.6
11:36:43	8:05:54	28.9	29.0	29.9	73.8	98.8	118.2	118.8	118.4	117.4	118.9	118.8	118.6	116.9	118.3	127.0	121.2	77.5	77.2	108.4	324.0	669.7	321.5
11:37:43	8:06:54	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	116.0	115.4	126.9	121.2	77.6	77.2	108.4	324.0	669.7	321.5
11:38:43	8:07:54	28.9	29.0	29.9	73.9	99.3	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.8	115.2	126.9	121.1	77.6	77.2	108.3	324.0	669.7	321.6
11:39:44	8:08:54	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.6	115.2	126.9	121.1	77.6	77.2	108.3	324.0	669.7	321.6
11:40:44	8:09:54	28.9	29.0	29.9	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.9	128.3	126.8	120.9	77.5	77.2	108.3	324.0	669.7	321.6
11:41:44	8:10:55	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	118.0	122.9	126.7	120.9	77.5	77.1	108.3	324.0	669.7	321.6
11:42:44	8:11:55	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	118.6	126.7	120.8	77.5	77.2	108.3	324.0	669.7	321.6
11:43:44	8:12:55	28.9	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	121.0	133.8	126.6	120.7	77.5	77.2	108.3	324.0	669.7	321.6
11:44:44	8:13:55	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.9	118.8	118.6	123.6	139.8	126.6	120.6	77.5	77.1	108.3	324.0	669.7	321.6
11:45:44	8:14:55	28.9	29.0	29.9	73.9	98.6	118.3	118.9	118.5	117.5	119.1	118.9	118.7	118.4	122.8	126.6	120.6	77.5	77.1	108.3	324.0	669.7	320.1
11:46:44	8:15:55	28.9	29.0	29.9	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.7	116.2	115.9	126.6	120.5	77.5	77.1	108.3	324.0	669.7	321.6
11:47:44	8:16:55	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.2	126.5	120.5	77.5	77.1	108.3	324.0	669.7	320.0
11:48:45	8:17:55	28.9	29.0	29.9	73.9	99.2	118.1	118.7	118.3	117.3	118.6	118.7	118.5	115.7	115.3	126.5	120.4	77.5	77.1	108.3	324.0	669.7	320.1
11:49:45	8:18:55	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.4	115.5	115.2	126.5	120.3	77.5	77.1	108.2	324.0	669.7	320.1
11:50:45	8:19:55	28.9	29.0	29.9	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.0	128.7	126.3	120.2	77.5	77.1	108.2	324.0	669.7	320.1
11:51:45	8:20:56	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.8	122.8	126.3	120.2	77.5	77.1	108.2	324.0	669.7	320.1
11:52:45	8:21:56	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.3	129.0	126.4	120.1	77.5	77.1	108.2	324.0	669.7	320.1
11:53:45	8:22:56	28.9	29.0	29.9	73.8	99.1	118.1	118.7	118.3	117.3	118.8	118.7	118.5	121.9	134.2	126.5	120.0	77.5	77.1	108.2	324.0	669.7	320.0
11:54:45	8:23:56	28.9	29.0	29.9	73.9	99.1	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.9	118.7	126.3	119.8	77.5	77.1	108.2	324.0	669.7	320.1
11:55:45	8:24:56	28.9	29.0	29.9	73.9	99.3	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.7	115.2	126.2	119.8	77.5	77.1	108.1	324.0	669.7	320.1
11:56:45	8:25:56	28.9	29.0	29.9	73.8	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.4	115.5	114.9	126.0	119.8	77.5	77.0	108.1	324.0	669.7	320.1
11:57:46	8:26:56	28.9	29.0	29.9	73.8	99.6	117.9	118.5	118.2	117.1	118.4	118.4	118.3	119.3	129.0	125.9	119.8	77.5	77.0	108.1	324.0	669.7	320.0
11:58:46	8:27:56	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.2	117.2	118.5	118.5	118.3	117.8	122.2	125.8	119.6	77.4	77.0	108.1	324.0	669.7	320.1
11:59:46	8:28:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.6	118.3	125.9	119.6	77.5	77.0	108.1	324.0	669.7	320.1
12:00:46	8:29:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.8	125.9	119.6	77.4	77.0	108.1	324.0	669.7	320.1
12:01:46	8:30:57	28.9	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.6	121.2	125.8	119.5	77.4	76.9	108.0	324.0	669.7	320.1
12:02:46	8:31:57	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.7	118.2	125.7	119.3	77.4	76.9	108.0	324.0	669.7	320.1
12:03:46	8:32:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.5	125.7	119.3	77.4	76.9	108.1	324.0	669.7	320.0
12:04:46	8:33:57	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	118.2	122.7	125.6	119.3	77.4	76.8	108.0	324.0	669.7	320.0
12:05:47	8:34:57	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.0	118.9	125.6	119.3	77.5	76.9	108.0	324.0	669.7	320.1
12:06:47	8:35:57	28.9	29.0	29.9	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.3	117.7	125.5	119.2	77.4	76.8	108.0	324.0	669.7	320.1
12:07:47	8:36:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	127.4	125.4	119.1	77.4	76.8	108.0	324.0	669.7	320.1
12:08:47	8:37:58	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.5	120.7	125.4	122.4	77.4	76.8	108.8	324.0	669.7	320.0
12:09:47	8:38:58	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	118.1	125.4	122.4	77.4	76.8	108.3	324.0	669.7	320.1
12:10:47	8:39:58	28.9	29.0	29.9	73.8	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.7	126.8	125.4	122.3	77.4	76.8	108.2	324.0	669.7	320.0
12:11:47	8:40:58	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.4	123.6	125.4	122.3	77.4	76.8	108.3	324.0	669.7	320.1
12:12:47	8:41:58	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.0	119.2	125.4	122.2	77.4	76.8	108.2	324.0	669.7	320.1
12:13:47	8:42:59	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.9	130.5	125.3	122.1	77.3	76.8	108.3	324.0	669.7	320.1
12:14:48	8:43:58	28.9	29.0	29.9	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.5	123.2	138.8	125.3	122.1	77.4	76.8	108.4	324.0	669.7	320.1
12:15:48	8:44:58	28.9	29.0	29.9	73.9	98.7	118.3	118.9	118.5	117.4	119.0	118.8	118.6	118.3	122.3	125.1	122.0	77.4	76.8	108.3	324.0	669.7	320.0
12:16:48	8:45:58	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.1	115.8	125.1	121.9	77.4	76.8	108.3	324.0	669.7	320.1
12:17:48	8:46:59	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.7	118.7	118.5	115.8	115.1	125.0	121.8	77.3	76.8	108.3	324.0	669.7	320.1
12:18:48	8:47:59	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.1	124.9	121.7	77.3	76.8	108.2	324.0	669.7	320.1
12:19:48	8:48:59	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.4	118.3	118.8	127.3	124.9	121.7	77.3	76.8	108.2	324.0	669.7	320.1
12:20:48	8:49:59	28.9	29.0	29.9	73.5	99.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.3	124.0	124.9	121.6	77.3	76.8	108.2	324.0	669.7	320.1
12:21:48	8:50:59	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	119.1	124.8	121.5	77.3	76.7	108.2	324.0	669.7	320.1
12:22:48	8:51:59	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.4	129.0	124.6	121.5	77.3	76.7	108.2	324.0	669.7	320.1
12:23:49	8:52:59	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.1	122.7	124.6	121.4	77.2	76.7	108.2	324.0	669.7	320.1
12:24:49	8:53:59	28.9	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	116.9	118.8	124.6	121.3	77.3	76.7	108.2	324.0	669.7	320.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000188

12:25:49	8:54:59	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.4	123.0	124.5	121.2	77.2	76.7	108.2	324.0	669.7	320.1
12:26:49	8:56:00	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.9	125.5	124.4	121.1	77.2	76.7	108.2	324.0	669.7	320.1
12:27:49	8:57:00	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.3	119.9	124.4	121.1	77.2	76.7	108.1	324.0	669.7	320.1
12:28:49	8:58:00	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	117.8	124.3	121.0	77.2	76.6	108.1	324.0	669.7	320.0
12:29:49	8:59:00	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	120.0	130.9	124.2	120.9	77.2	76.6	108.1	324.0	669.7	320.1
12:30:49	9:00:00	28.9	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.8	118.7	118.5	123.1	139.3	124.1	120.8	77.2	76.7	108.1	324.0	669.7	318.5
12:31:49	9:01:00	28.9	29.0	29.9	73.4	97.8	118.4	119.1	118.6	117.5	119.0	118.8	118.7	120.3	127.8	124.1	120.8	77.2	76.6	108.1	324.0	669.7	320.1
12:32:49	9:02:00	28.9	29.0	29.9	73.9	98.5	118.3	118.9	118.6	117.5	119.0	118.8	118.7	116.6	116.8	127.8	120.8	77.2	76.7	108.2	324.0	669.7	320.1
12:33:50	9:03:00	28.9	29.0	29.9	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.0	115.2	129.0	120.7	77.2	76.7	108.1	324.0	669.7	320.1
12:34:50	9:04:00	28.9	29.0	29.9	73.9	99.2	118.1	118.7	118.3	117.3	118.7	118.7	118.5	115.8	115.2	128.9	120.5	77.1	76.7	108.1	324.0	669.7	320.1
12:35:50	9:05:00	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.3	128.8	120.5	77.1	76.8	108.1	324.0	669.7	320.1
12:36:50	9:06:01	28.8	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	115.6	117.4	128.7	120.5	77.2	76.7	108.0	324.0	669.7	320.1
12:37:50	9:07:01	28.8	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.4	128.0	128.9	120.4	77.1	76.8	108.1	324.0	669.7	320.0
12:38:50	9:08:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.2	120.4	128.7	120.3	77.1	76.7	107.9	324.0	669.7	318.5
12:39:50	9:09:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	130.7	128.7	120.2	77.1	76.8	108.0	324.0	669.7	318.6
12:40:50	9:10:01	28.8	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.7	118.6	118.4	119.6	127.1	128.7	120.2	77.2	76.7	108.0	324.0	669.7	318.6
12:41:50	9:11:01	28.8	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.7	118.6	118.4	117.0	118.5	128.6	120.1	77.2	76.7	108.0	324.0	669.7	318.5
12:42:51	9:12:01	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.7	115.3	128.6	120.1	77.2	76.7	107.9	324.0	669.7	318.6
12:43:51	9:13:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	120.5	128.6	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:44:51	9:14:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	126.3	128.5	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:45:51	9:15:02	28.8	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.5	118.5	118.3	117.0	119.7	128.4	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:46:51	9:16:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.2	117.3	128.4	119.7	77.1	76.7	107.8	324.0	669.7	318.6
12:47:51	9:17:02	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.4	128.3	119.7	77.1	76.7	107.8	324.0	669.7	318.5
12:48:51	9:18:02	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.5	120.9	128.3	119.6	77.0	76.7	107.9	324.0	669.7	318.6
12:49:51	9:19:02	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.3	128.2	119.6	77.1	76.6	107.8	324.0	669.7	318.6
12:50:51	9:20:02	28.8	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.6	118.4	120.1	128.8	128.3	119.5	77.1	76.7	107.9	324.0	669.7	318.6
12:51:51	9:21:02	28.8	29.0	29.9	73.9	99.3	118.0	118.7	118.3	117.2	118.7	118.7	118.5	117.2	119.2	128.2	119.3	77.1	76.7	107.9	324.1	669.7	318.6
12:52:52	9:22:02	28.8	29.0	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	115.3	114.6	128.2	119.3	77.1	76.7	107.8	324.0	669.7	318.6
12:53:52	9:23:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	115.1	114.6	128.1	119.2	77.0	76.7	107.7	324.0	669.7	318.5
12:54:52	9:24:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	119.6	128.9	128.0	119.2	77.1	76.7	107.7	324.0	669.7	318.6
12:55:52	9:25:03	28.8	29.0	29.9	73.9	99.9	117.8	118.3	118.1	117.0	118.6	118.5	118.3	118.1	125.2	128.1	119.1	77.1	76.7	107.8	324.0	669.7	318.6
12:56:52	9:26:03	28.8	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.7	124.4	127.9	121.5	77.1	76.6	109.3	324.0	669.7	318.6
12:57:52	9:27:03	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.1	119.4	127.9	122.4	77.1	76.6	108.1	324.0	669.7	318.6
12:58:52	9:28:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	117.5	127.9	122.4	77.1	76.7	108.1	324.0	669.7	318.6
12:59:52	9:29:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.0	127.7	122.3	77.1	76.6	108.1	324.0	669.7	318.6
13:00:52	9:30:03	28.8	29.0	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.7	121.5	127.7	122.2	77.1	76.6	108.1	324.0	669.7	318.6
13:01:53	9:31:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	118.3	127.5	122.1	77.0	76.6	108.1	324.0	669.7	317.1
13:02:53	9:32:03	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.5	118.5	118.3	119.9	128.8	127.6	122.1	77.1	76.6	108.1	324.0	669.7	318.6
13:03:53	9:33:04	28.8	29.0	29.8	73.8	99.4	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.8	121.4	127.4	122.0	77.1	76.4	108.1	324.0	669.7	317.0
13:04:53	9:34:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.3	127.4	121.9	77.0	76.4	108.1	324.0	669.7	317.2
13:05:53	9:35:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.1	127.4	122.0	77.1	76.6	108.1	324.0	669.7	317.0
13:06:53	9:36:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	127.4	121.8	77.1	76.6	108.1	324.0	669.7	317.1
13:07:53	9:37:04	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.6	121.4	127.3	121.7	77.0	76.4	108.1	324.0	669.7	317.1
13:08:53	9:38:04	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.3	131.3	127.3	121.6	77.0	76.4	108.1	324.1	669.7	317.1
13:09:54	9:39:04	28.8	29.0	29.8	73.9	99.2	118.1	118.8	118.3	117.2	118.8	118.6	118.4	123.3	139.6	127.1	121.6	77.1	76.4	108.1	324.0	669.7	317.1
13:10:54	9:40:04	28.8	29.0	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.9	118.7	119.6	126.1	127.2	121.5	77.0	76.4	108.1	324.0	669.7	317.1
13:11:54	9:41:04	28.8	29.0	29.8	73.9	98.5	118.3	118.9	118.6	117.5	119.0	118.8	118.7	116.4	116.4	127.2	121.5	77.1	76.4	108.1	324.0	669.7	317.0
13:12:54	9:42:05	28.8	29.0	29.8	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.6	115.9	115.1	127.1	121.3	77.0	76.4	108.1	324.0	669.7	317.1
13:13:54	9:43:05	28.8	29.0	29.8	73.9	99.2	118.1	118.7	118.3	117.3	118.7	118.7	118.5	115.9	115.3	127.2	121.3	77.1	76.4	108.1	324.0	669.7	317.1
13:14:54	9:44:05	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.6	118.4	115.6	115.3	127.1	121.2	77.0	76.6	108.1	324.0	669.7	317.1
13:15:54	9:45:05	28.8	29.0	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	115.3	115.8	127.0	121.1	77.0	76.6	108.0	324.0	669.7	317.0
13:16:54	9:46:05	28.8	29.0	29.8	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.6	129.1	127.0	121.1	77.0	76.4	108.0	324.0	669.7	317.1
13:17:54	9:47:05	28.8	29.0	29.8	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.7	127.4	126.9	121.0	77.0	76.4	108.0	324.0	669.7	317.1
13:18:55	9:48:05	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.3	123.7	126.7	120.9	77.0	76.6	108.1	324.0	669.7	317.1
13:19:55	9:49:05	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.0	119.1	126.6	120.8	77.0	76.6	108.0	324.0	669.7	317.1
13:20:55	9:50:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.3	126.5	120.8	77.0	76.4	108.0	324.0	669.7	317.0
13:21:55	9:51:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.3	131.6	126.4	120.7	77.0	76.4	107.9	324.0	669.7	317.1
13:22:55	9:52:06	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.6	124.0	126.4	120.6	77.0	76.4	108.0	324.0	669.7	317.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000189

13:23:55	9:53:06	28.8	29.0	29.8	73.9	99.3	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.5	126.4	120.6	77.1	76.4	107.9	324.0	669.7	317.1
13:24:55	9:54:06	28.8	29.0	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.5	117.6	126.3	120.5	77.0	76.4	107.9	324.0	669.7	317.1
13:25:55	9:55:06	28.8	29.0	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.5	118.5	118.3	116.1	118.3	126.2	120.4	77.0	76.4	107.9	324.0	669.7	317.1
13:26:55	9:56:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	129.1	126.2	120.4	77.0	76.4	107.9	324.0	669.7	317.1
13:27:56	9:57:06	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.6	121.3	126.1	120.3	77.0	76.4	107.9	324.0	669.7	317.0
13:28:56	9:58:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	116.7	118.3	126.2	120.2	77.0	76.4	107.9	324.0	669.7	317.1
13:29:56	9:59:07	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.4	126.1	120.1	76.9	76.4	107.9	324.0	669.7	317.1
13:30:56	10:00:07	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	118.1	122.5	126.1	120.1	77.0	76.4	107.9	324.0	669.7	317.1
13:31:56	10:01:07	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	116.9	118.8	126.1	120.0	76.9	76.4	107.9	324.0	669.7	317.1
13:32:56	10:02:07	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.3	125.9	119.8	77.0	76.4	107.8	324.0	669.7	317.0
13:33:56	10:03:07	28.8	28.9	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.4	118.4	118.2	118.6	126.9	125.9	119.8	77.0	76.3	107.8	324.0	669.7	317.1
13:34:56	10:04:07	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	123.7	125.8	119.8	77.0	76.4	107.8	324.0	669.7	317.1
13:35:56	10:05:07	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	126.9	125.7	119.7	77.0	76.4	107.7	324.0	669.7	317.0
13:36:57	10:06:07	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.7	138.0	125.8	119.6	76.9	76.4	107.8	324.0	669.7	317.1
13:37:57	10:07:07	28.8	29.0	29.8	73.9	98.7	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.5	128.9	125.6	119.5	76.9	76.4	107.8	324.0	669.7	317.0
13:38:57	10:08:08	28.8	29.0	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.9	118.7	116.6	117.0	125.6	119.5	76.9	76.4	107.8	324.0	669.7	317.1
13:39:57	10:09:08	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.5	117.4	118.8	118.8	118.5	116.0	115.2	125.4	119.5	77.0	76.4	107.7	324.0	669.7	317.1
13:40:57	10:10:08	28.8	28.9	29.8	73.9	99.1	118.1	118.7	118.4	117.3	118.7	118.7	118.4	115.8	115.2	125.4	119.3	77.0	76.4	107.7	324.0	669.7	317.1
13:41:57	10:11:08	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.6	115.2	125.4	119.3	77.0	76.3	107.7	324.0	669.7	317.1
13:42:57	10:12:08	28.8	28.9	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.4	118.4	118.3	117.8	125.0	125.3	119.2	76.9	76.3	107.6	324.0	669.7	317.0
13:43:57	10:13:08	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	118.3	124.3	125.3	119.2	76.9	76.4	107.6	324.0	669.7	317.1
13:44:58	10:14:08	28.8	28.9	29.8	73.8	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	120.2	125.4	119.0	76.9	76.4	107.7	324.0	669.7	317.1
13:45:58	10:15:08	28.8	28.9	29.8	73.9	99.6	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.6	131.1	125.3	122.3	76.9	76.4	108.3	324.0	669.7	317.1
13:46:58	10:16:09	28.8	28.9	29.8	73.9	99.3	118.0	118.7	118.3	117.2	118.7	118.6	118.4	118.1	122.3	125.2	122.3	76.9	76.4	107.9	324.0	669.7	317.1
13:47:58	10:17:09	28.8	28.9	29.8	73.9	99.3	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.0	118.8	125.1	122.2	76.9	76.4	107.9	324.0	669.7	317.1
13:48:58	10:18:09	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.4	117.3	125.2	122.1	76.9	76.4	107.9	324.0	669.7	317.0
13:49:58	10:19:09	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.2	122.4	125.1	122.1	76.9	76.4	107.9	324.0	669.7	317.1
13:50:58	10:20:09	28.8	28.9	29.8	73.9	99.3	118.0	118.7	118.3	117.2	118.6	118.6	118.4	121.8	135.9	125.0	122.0	76.9	76.4	107.9	324.0	669.7	317.1
13:51:58	10:21:09	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.6	122.2	134.2	125.0	121.9	76.9	76.4	108.0	324.0	669.7	317.1
13:52:59	10:22:09	28.8	28.9	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.8	118.6	117.1	118.7	124.9	121.9	76.9	76.4	108.0	324.0	669.7	317.1
13:53:59	10:23:09	28.8	28.9	29.8	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.3	124.9	121.7	76.8	76.4	108.0	324.0	669.7	315.5
13:54:59	10:24:09	28.8	28.9	29.8	73.9	99.2	118.1	118.7	118.3	117.3	118.6	118.5	118.4	115.7	115.1	124.9	121.8	76.9	76.4	107.9	324.0	669.7	317.1
13:55:59	10:25:10	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.6	115.1	124.8	121.7	76.9	76.4	107.9	324.0	669.7	315.5
13:56:59	10:26:10	28.8	28.9	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	118.6	127.1	124.7	121.6	76.9	76.4	107.9	324.0	669.7	315.6
13:57:59	10:27:10	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	123.4	124.7	121.5	76.8	76.4	107.9	324.0	669.7	315.5
13:58:59	10:28:10	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.1	131.4	124.7	121.4	76.8	76.4	108.0	324.0	669.7	315.6
13:59:59	10:29:10	28.8	28.9	29.8	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.6	122.6	136.7	124.6	121.3	76.8	76.4	108.0	324.0	669.7	315.5
14:00:59	10:30:10	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.4	117.4	119.0	118.8	118.7	117.4	120.1	124.6	121.2	76.8	76.4	108.0	324.0	669.7	315.5
14:02:00	10:31:10	28.8	28.9	29.8	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.5	124.5	121.2	76.8	76.4	107.9	324.0	669.7	315.5
14:03:00	10:32:10	28.8	28.9	29.8	73.9	99.3	118.0	118.6	118.3	117.3	118.7	118.6	118.5	115.7	115.1	124.5	121.1	76.8	76.4	107.9	324.0	669.7	315.5
14:04:00	10:33:10	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.4	115.0	124.5	121.0	76.8	76.4	107.9	324.0	669.7	315.6
14:05:00	10:34:11	28.8	28.9	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	119.6	129.3	124.4	121.0	76.8	76.4	107.9	324.0	669.7	315.6
14:06:00	10:35:11	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.6	121.8	124.5	120.9	76.9	76.4	107.9	324.0	669.7	315.5
14:07:00	10:36:11	28.8	28.9	29.8	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.4	116.5	119.6	124.3	120.8	76.8	76.4	107.9	324.0	669.7	315.5
14:08:00	10:37:11	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.2	126.7	124.2	120.8	76.9	76.4	107.9	324.0	669.7	315.6
14:09:00	10:38:11	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.2	120.1	124.1	120.7	76.8	76.4	107.8	324.0	669.7	315.6
14:10:01	10:39:11	28.8	28.9	29.8	73.9	99.7	117.9	118.5	118.1	117.1	118.5	118.5	118.3	116.4	118.1	124.1	120.6	76.8	76.4	107.8	324.1	669.7	315.5
14:11:01	10:40:11	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	119.4	127.2	128.6	120.5	76.8	76.4	107.9	324.0	669.7	315.5
14:12:01	10:41:11	28.8	28.9	29.8	73.9	99.4	118.0	118.7	118.3	117.2	118.6	118.6	118.4	117.4	120.5	129.1	120.5	76.9	76.4	107.9	324.0	669.7	315.5
14:13:01	10:42:12	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.6	118.0	128.7	120.4	76.9	76.4	107.8	324.1	669.7	315.6
14:14:01	10:43:12	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	119.4	128.8	120.4	76.9	76.4	107.8	324.1	669.7	315.6
14:15:01	10:44:12	28.8	28.9	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	120.0	129.1	128.8	120.3	76.9	76.4	107.9	324.0	669.7	315.6
14:16:01	10:45:12	28.8	28.9	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.6	121.3	128.7	120.2	76.9	76.4	107.8	324.0	669.7	314.1
14:17:01	10:46:12	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.7	118.3	128.7	120.1	76.9	76.4	107.8	324.0	669.7	314.0
14:18:01	10:47:12	28.8	28.9	29.8	73.4	99.1	117.9	118.5	118.1	117.1	118.5	118.5	118.3	119.4	128.6	128.6	120.1	76.9	76.4	107.8	324.0	669.7	314.0
14:19:02	10:48:12	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.6	118.4	118.1	122.7	128.6	120.0	76.9	76.4	107.8	324.1	669.7	315.5
14:20:02	10:49:12	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	116.9	118.8	128.5	119.8	76.9	76.4	107.8	324.0	669.7	314.1
14:21:02	10:50:13	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.3	117.3	128.5	119.8	76.9	76.4	107.7	324.0	669.7	314.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000190

14:22:02	10:51:13	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.7	128.6	119.8	76.9	76.6	107.8	324.0	669.7	315.6
14:23:02	10:52:13	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.6	121.2	128.5	119.7	76.8	76.6	107.8	324.0	669.7	314.0
14:24:02	10:53:13	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.5	118.5	118.3	118.8	127.0	128.4	119.6	76.9	76.6	107.8	324.0	669.7	314.0
14:25:02	10:54:13	28.8	28.9	29.8	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.4	122.5	137.0	128.4	119.6	76.9	76.6	107.8	324.0	669.7	314.0
14:26:02	10:55:13	28.8	28.9	29.8	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	117.8	121.2	128.3	119.5	76.9	76.6	107.8	324.0	669.7	314.1
14:27:03	10:56:13	28.8	28.9	29.8	73.4	98.6	118.1	118.7	118.3	117.3	118.8	118.7	118.5	115.9	115.6	128.3	119.3	76.8	76.6	107.8	324.0	669.7	314.1
14:28:03	10:57:13	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.7	118.6	118.4	115.6	115.0	128.2	119.3	76.8	76.6	107.7	324.0	669.7	314.0
14:29:03	10:58:13	28.8	28.9	29.8	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	115.4	115.1	128.2	119.3	76.9	76.6	107.7	324.0	669.7	314.0
14:30:03	10:59:14	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	128.1	119.2	76.9	76.6	107.7	324.0	669.7	314.0

EXPOSURE(2) SUMMARY 06/09/2015 01:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:49	11:00:00	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	122.3	128.1	119.2	76.8	76.6	107.6	324.0	669.7	314.0

START PRESS: 0028.8 MAX PRESS: 0029.0 MAX TEMP: 119.1 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.6 MAX GAS TEMP: 086.4
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.8
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.2
EO USED PHASE: 000.1 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/09/2015 01:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:49	0:00:00	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	122.3	128.1	119.2	76.8	76.6	107.6	324.0	669.7	314.0
14:31:49	0:01:00	28.1	28.2	29.8	72.5	98.4	117.7	118.3	117.9	116.9	118.4	118.3	118.1	118.6	124.5	128.0	119.1	76.9	85.5	107.6	324.0	669.7	309.5
14:32:50	0:02:00	27.4	27.5	29.8	71.6	97.3	117.6	118.2	117.9	116.8	118.3	118.2	118.0	118.8	126.4	128.0	122.3	76.8	87.9	108.9	324.0	669.7	300.4
14:33:50	0:03:00	26.7	26.9	29.8	69.8	94.8	117.6	118.3	117.9	116.8	118.3	118.2	118.0	119.4	127.7	128.0	122.4	76.9	89.3	108.1	324.0	669.7	293.0
14:34:50	0:04:00	26.0	26.1	29.8	68.9	93.7	117.6	118.3	117.8	116.7	118.3	118.2	117.9	119.8	127.1	127.9	122.4	76.9	90.4	108.1	324.0	669.7	285.4
14:35:50	0:05:00	25.3	25.5	29.8	67.5	91.8	117.6	118.3	117.8	116.7	118.3	118.1	117.8	119.6	126.1	127.9	122.3	76.9	91.0	108.1	324.0	669.7	277.9
14:36:50	0:06:01	24.7	24.8	29.8	66.6	90.8	117.5	118.2	117.8	116.6	118.3	118.1	117.8	119.3	125.1	127.8	122.3	76.9	91.3	108.1	324.0	669.7	270.4
14:37:50	0:07:01	24.0	24.1	29.8	65.2	88.8	117.5	118.3	117.8	116.6	118.3	118.1	117.8	119.2	125.1	127.8	122.2	76.9	91.8	108.1	324.0	669.7	262.8
14:38:50	0:08:01	23.3	23.5	29.8	63.9	87.0	117.5	118.3	117.8	116.6	118.3	118.1	117.8	119.4	126.9	127.7	122.1	76.9	91.8	108.1	324.0	669.7	255.3
14:39:50	0:09:01	22.6	22.8	29.8	63.0	85.7	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.0	127.9	127.5	122.0	76.9	92.0	108.1	324.0	669.7	246.3
14:40:50	0:10:01	22.0	22.1	29.8	62.1	84.5	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.3	127.7	127.5	122.0	76.9	92.1	108.2	324.0	669.7	240.3
14:41:51	0:11:01	21.3	21.4	29.8	60.7	82.7	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.3	127.8	127.4	121.9	76.9	92.4	108.2	324.0	669.7	232.7
14:42:51	0:12:01	20.6	20.7	29.8	59.8	81.5	117.5	118.3	117.8	116.5	118.4	118.1	117.8	120.5	128.1	127.4	121.9	76.9	92.7	108.2	324.0	669.7	225.2

STERILANT REMOVAL SUMMARY 06/09/2015 02:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:58	0:12:08	20.5	20.6	29.8	59.3	80.8	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.4	127.5	127.4	121.8	76.9	92.7	108.2	324.0	669.7	223.7

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.1 MAX GAS TEMP: 077.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:1/6) 06/09/2015 02:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:58	0:00:00	20.5	20.6	29.8	59.3	80.8	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.4	127.5	127.4	121.8	76.9	92.7	108.2	324.0	669.7	223.7
14:44:58	0:02:00	23.1	23.3	29.8	62.5	83.0	118.5	119.2	118.8	117.5	119.2	119.1	118.8	120.0	126.1	127.2	121.6	104.0	89.9	108.1	324.0	669.7	235.7
14:46:58	0:04:00	25.9	26.0	29.8	62.0	81.5	118.9	119.6	119.2	118.0	119.6	119.4	119.2	120.3	126.7	127.2	121.3	111.3	87.6	108.2	324.0	669.7	228.2

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/09/2015 02:08:31

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000191

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:52	0:05:54	28.5	28.6	29.8	61.6	80.4	119.2	119.8	119.4	118.3	119.9	119.7	119.6	120.3	127.0	127.2	121.0	112.4	85.8	108.1	324.0	669.7	214.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 112.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.1 MIN GAS TEMP: 076.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.0

POST EVACUATION(1) (Loop:1/6) 06/09/2015 02:08:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:52	0:00:00	28.5	28.6	29.8	61.6	80.4	119.2	119.8	119.4	118.3	119.9	119.7	119.6	120.3	127.0	127.2	121.0	112.4	85.8	108.1	324.0	669.7	214.6
14:50:52	0:02:00	25.8	26.0	29.8	55.2	74.5	117.9	118.7	118.1	117.0	118.7	118.4	118.2	120.3	127.6	126.9	120.8	106.0	94.0	108.2	324.0	669.7	180.0
14:52:52	0:04:00	23.0	23.2	29.8	51.6	70.2	117.6	118.3	117.8	116.6	118.3	118.0	117.8	120.6	128.0	126.9	120.7	99.8	96.4	108.1	324.0	669.7	158.9

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/09/2015 02:14:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:47	0:05:55	20.5	20.6	29.8	48.9	66.9	117.3	118.2	117.5	116.4	118.1	117.8	117.5	120.4	128.0	126.9	120.6	95.3	97.3	108.2	324.0	669.7	143.8

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.2 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.7 MIN GAS TEMP: 095.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.5

POST N2 WASH(1) (Loop:2/6) 06/09/2015 02:14:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:47	0:00:00	20.5	20.6	29.8	48.9	66.9	117.3	118.2	117.5	116.4	118.1	117.8	117.5	120.4	128.0	126.9	120.6	95.3	97.3	108.2	324.0	669.7	143.8
14:56:47	0:02:00	23.2	23.3	29.8	51.6	68.3	118.6	119.4	118.9	117.7	119.4	119.2	118.9	120.4	128.0	126.7	120.4	107.3	92.9	108.1	324.0	669.7	154.7
14:58:47	0:04:00	25.9	26.0	29.8	52.1	68.3	118.9	119.7	119.2	118.0	119.8	119.5	119.4	120.4	128.0	126.7	120.1	111.4	89.5	108.0	324.0	669.7	152.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/09/2015 02:20:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:40	0:05:58	28.5	28.6	29.8	52.1	67.8	119.2	119.9	119.4	118.4	120.0	119.7	119.6	119.9	127.5	126.4	119.8	111.8	87.0	108.0	324.0	669.7	145.4

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.9 MAX GAS TEMP: 111.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.3 MIN GAS TEMP: 095.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.8

POST EVACUATION(1) (Loop:2/6) 06/09/2015 02:20:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:40	0:00:00	28.5	28.6	29.8	52.1	67.8	119.2	119.9	119.4	118.4	120.0	119.7	119.6	119.9	127.5	126.4	119.8	111.8	87.0	108.0	324.0	669.7	145.4
15:02:40	0:02:00	25.8	25.9	29.8	47.1	63.3	118.0	118.8	118.1	117.1	118.7	118.4	118.2	119.6	126.7	126.2	119.6	106.2	94.2	108.0	324.0	669.7	121.3
15:04:40	0:04:00	23.1	23.2	29.8	44.8	60.9	117.6	118.3	117.8	116.7	118.4	118.0	117.8	119.4	125.9	126.2	119.5	100.6	96.9	107.9	324.0	669.7	109.2

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/09/2015 02:26:12

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000192

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
15:06:33	0:05:53	20.5	20.6	29.8	43.4	59.4	117.3	118.2	117.5	116.4	118.2	117.8	117.6	119.2	123.8	126.1	119.3	96.4	98.3	107.9	324.0	669.7	101.7

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.4 MAX GAS TEMP: 111.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.0 MIN GAS TEMP: 096.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST N2 WASH(1) (Loop:3/6) 06/09/2015 02:26:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:33	0:00:00	20.5	20.6	29.8	43.4	59.4	117.3	118.2	117.5	116.4	118.2	117.8	117.6	119.2	123.8	126.1	119.3	96.4	98.3	107.9	324.0	669.7	101.7
15:08:33	0:02:00	23.2	23.3	29.8	46.2	61.0	118.7	119.4	118.9	117.7	119.5	119.2	119.0	119.2	124.0	125.8	119.1	106.7	94.3	107.9	324.0	669.7	110.7
15:10:33	0:04:00	25.9	26.0	29.8	46.6	61.0	119.1	119.7	119.3	118.2	119.8	119.5	119.5	119.2	122.8	125.8	122.4	112.2	90.8	108.2	324.0	669.7	110.7

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/09/2015 02:32:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:26	0:05:56	28.5	28.6	29.8	47.1	61.2	119.3	119.9	119.5	118.5	120.0	119.8	119.7	119.8	124.3	125.8	122.1	113.6	88.3	108.2	324.0	669.7	106.3

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.1 MAX GAS TEMP: 113.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.7 MIN GAS TEMP: 096.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:3/6) 06/09/2015 02:32:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:26	0:00:00	28.5	28.6	29.8	47.1	61.2	119.3	119.9	119.5	118.5	120.0	119.8	119.7	119.8	124.3	125.8	122.1	113.6	88.3	108.2	324.0	669.7	106.3
15:14:26	0:02:00	25.8	25.9	29.8	43.0	57.8	118.0	118.8	118.1	117.2	118.8	118.5	118.4	119.8	124.7	125.6	122.0	107.9	95.5	108.2	324.0	669.7	91.2
15:16:26	0:04:00	23.1	23.2	29.8	41.2	55.8	117.7	118.5	117.8	116.8	118.4	118.1	118.0	119.9	125.1	125.5	121.8	102.2	98.3	108.2	324.0	669.7	80.7

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/09/2015 02:37:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:19	0:05:55	20.5	20.6	29.8	39.8	54.3	117.4	118.3	117.6	116.5	118.2	117.8	117.7	120.4	126.9	125.4	121.7	97.9	99.7	108.1	324.0	669.7	77.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.8 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.4 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.7

POST N2 WASH(1) (Loop:4/6) 06/09/2015 02:37:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:19	0:00:00	20.5	20.6	29.8	39.8	54.3	117.4	118.3	117.6	116.5	118.2	117.8	117.7	120.4	126.9	125.4	121.7	97.9	99.7	108.1	324.0	669.7	77.6
15:20:20	0:02:00	23.2	23.3	29.8	42.5	56.2	118.7	119.4	118.9	117.8	119.5	119.2	119.1	120.4	126.8	125.3	121.5	108.5	96.0	108.1	324.1	669.7	85.2
15:22:20	0:04:00	25.9	26.0	29.8	43.4	56.8	119.1	119.8	119.3	118.2	119.9	119.6	119.6	120.3	126.7	125.2	121.1	112.5	92.6	108.1	324.0	669.7	86.7

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/09/2015 02:43:52

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000193

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:24:13	0:03:33	28.5	28.6	29.8	43.9	57.1	119.3	119.9	119.5	118.5	120.1	119.8	119.8	120.5	127.7	125.1	120.9	113.0	90.0	108.1	324.0	669.7	83.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.4 MAX GAS TEMP: 113.0
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.9

POST EVACUATION(1) (Loop:4/6) 06/09/2015 02:43:52

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:24:13	0:00:00	28.5	28.6	29.8	43.9	57.1	119.3	119.9	119.5	118.5	120.1	119.8	119.8	120.5	127.7	125.1	120.9	113.0	90.0	108.1	324.0	669.7	83.6
15:26:13	0:02:00	25.8	25.9	29.8	40.2	54.1	118.0	118.8	118.2	117.2	118.8	118.4	118.4	120.5	128.1	125.1	120.7	107.5	96.0	108.0	324.0	669.7	71.6
15:28:13	0:04:00	23.0	23.1	29.8	38.4	52.2	117.6	118.3	117.8	116.8	118.4	118.0	118.0	120.3	127.7	124.9	120.6	102.1	98.7	108.0	324.0	669.7	64.1

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/09/2015 02:49:47

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:30:07	0:05:55	20.5	20.6	29.8	37.1	50.6	117.4	118.3	117.6	116.5	118.2	117.8	117.7	119.9	127.3	124.9	120.5	97.9	99.7	108.0	324.0	669.7	61.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.8 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.4

POST N2 WASH(1) (Loop:5/6) 06/09/2015 02:49:47

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:30:03	0:00:00	20.5	20.6	29.8	37.1	50.6	117.4	118.3	117.6	116.5	118.2	117.8	117.7	119.9	127.3	124.9	120.5	97.9	99.7	108.0	324.0	669.7	61.1
15:32:03	0:02:00	23.2	23.3	29.8	39.8	52.5	118.7	119.4	119.0	117.8	119.5	119.2	119.2	119.8	127.1	124.7	120.3	107.7	96.2	107.9	324.0	669.7	70.1
15:34:03	0:04:00	25.9	26.1	29.8	40.7	53.2	119.1	119.8	119.3	118.3	120.0	119.6	119.7	119.8	126.8	124.7	120.0	111.6	92.8	107.9	324.0	669.7	70.1

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/09/2015 02:55:40

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:36:00	0:05:33	28.5	28.6	29.8	41.2	53.3	119.4	120.1	119.6	118.7	120.1	119.9	119.9	119.0	124.5	124.7	119.7	112.1	90.3	107.8	324.0	669.7	68.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.6 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

POST EVACUATION(1) (Loop:5/6) 06/09/2015 02:55:40

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:36:00	0:00:00	28.5	28.6	29.8	41.2	53.3	119.4	120.1	119.6	118.7	120.1	119.9	119.9	119.0	124.5	124.7	119.7	112.1	90.3	107.8	324.0	669.7	68.6
15:38:00	0:02:00	25.8	25.9	29.8	38.0	50.9	118.2	118.8	118.3	117.4	118.8	118.5	118.5	119.0	123.8	124.5	119.6	106.8	95.9	107.9	324.0	669.7	58.0
15:40:00	0:04:00	23.1	23.2	29.8	36.2	49.0	117.7	118.5	117.9	116.9	118.5	118.1	118.1	119.0	123.4	124.4	119.3	101.5	98.6	107.8	324.0	669.7	53.5

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/09/2015 03:01:33

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000194

15:41:53	0:05:53	20.5	20.6	29.8	35.3	48.0	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.6	123.8	124.3	119.3	97.5	99.8	107.8	324.0	669.7	52.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.3 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST N2 WASH(1) (Loop:6/6) 06/09/2015 03:01:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:53	0:00:00	20.5	20.6	29.8	35.3	48.0	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.6	123.8	124.3	119.3	97.5	99.8	107.8	324.0	669.7	52.0
15:43:53	0:02:00	23.2	23.3	29.8	38.0	50.0	118.8	119.6	119.0	118.0	119.6	119.3	119.3	119.6	124.4	124.3	119.1	106.9	96.3	107.7	324.0	669.7	58.1
15:45:54	0:04:00	25.9	26.0	29.8	38.9	50.7	119.2	119.9	119.4	118.4	120.0	119.7	119.7	119.6	124.5	124.3	122.2	112.5	92.8	108.0	324.1	669.7	59.6

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/09/2015 03:07:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:48	0:05:54	28.5	28.6	29.8	39.3	51.0	119.4	120.1	119.6	118.7	120.2	119.9	120.0	119.8	125.3	124.2	122.0	113.7	90.3	108.0	324.1	669.7	58.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.4 MAX GAS TEMP: 113.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.2 MIN GAS TEMP: 097.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:6/6) 06/09/2015 03:07:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:48	0:00:00	28.5	28.6	29.8	39.3	51.0	119.4	120.1	119.6	118.7	120.2	119.9	120.0	119.8	125.3	124.2	122.0	113.7	90.3	108.0	324.1	669.7	58.1
15:49:48	0:02:00	25.8	25.9	29.8	36.2	48.4	118.2	118.8	118.3	117.4	118.9	118.5	118.6	120.0	125.5	124.1	121.9	108.1	95.7	108.0	324.0	669.7	50.5
15:51:48	0:04:00	23.1	23.2	29.8	34.8	47.1	117.8	118.6	117.9	117.0	118.6	118.2	118.2	120.3	126.1	129.4	121.7	102.6	98.3	108.0	324.0	669.7	44.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/09/2015 03:13:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:40	0:05:52	20.5	20.6	29.8	33.9	46.2	117.5	118.3	117.6	116.6	118.4	118.0	117.9	120.3	127.5	129.2	121.6	98.3	99.4	108.0	324.0	669.7	43.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.7 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.6

AIR BACKFILL(1) (Loop:1/12) 06/09/2015 03:13:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:40	0:00:00	20.5	20.6	29.8	33.9	46.2	117.5	118.3	117.6	116.6	118.4	118.0	117.9	120.3	127.5	129.2	121.6	98.3	99.4	108.0	324.0	669.7	43.0
15:55:40	0:02:00	23.3	23.4	29.8	36.6	48.5	118.6	119.6	119.1	117.1	119.7	119.5	118.5	120.3	127.7	129.3	121.4	94.7	95.9	108.0	324.0	669.7	50.5
15:57:40	0:04:00	26.0	26.1	29.8	38.0	49.9	118.9	119.9	119.5	117.2	120.0	119.8	118.5	120.3	127.7	129.1	121.3	91.8	92.6	107.9	324.0	669.7	52.0
15:59:40	0:06:00	28.6	28.7	29.8	38.9	51.0	119.0	120.1	119.7	117.2	120.2	120.0	118.5	120.3	127.7	129.2	121.1	89.4	89.8	107.8	324.0	669.7	50.5

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/09/2015 03:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000195

15:59:53	0:06:13	28.9	29.0	29.8	38.9	50.9	119.0	120.2	119.8	117.2	120.2	120.0	118.4	120.3	126.5	129.2	121.1	89.2	89.5	107.8	324.0	669.7	50.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.4 MAX GAS TEMP: 098.3
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 129.1 MIN GAS TEMP: 089.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.1

POST EVACUATION(2) (Loop:1/12) 06/09/2015 03:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:53	0:00:00	28.9	29.0	29.8	38.9	50.9	119.0	120.2	119.8	117.2	120.2	120.0	118.4	120.3	126.5	129.2	121.1	89.2	89.5	107.8	324.0	669.7	50.5
16:01:53	0:02:00	26.2	26.3	29.8	36.2	48.7	118.0	118.8	118.3	116.9	118.9	118.6	118.1	120.3	127.0	129.0	121.0	87.3	95.1	107.9	324.0	669.7	43.0
16:03:53	0:04:00	23.5	23.6	29.8	34.3	46.5	117.7	118.5	118.0	116.7	118.6	118.3	117.9	120.4	127.3	128.9	120.8	85.8	97.6	107.8	324.0	669.7	40.0
16:05:53	0:06:00	20.7	20.8	29.8	33.4	45.5	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.6	128.0	128.8	120.7	84.7	98.7	107.8	324.0	669.7	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/09/2015 03:25:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:03	0:06:11	20.5	20.6	29.8	33.4	45.6	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.4	126.7	128.7	120.7	84.6	98.7	107.8	324.0	669.7	38.5

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.2 MAX GAS TEMP: 089.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.7 MIN GAS TEMP: 084.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.7

AIR BACKFILL(1) (Loop:2/12) 06/09/2015 03:25:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:04	0:00:00	20.5	20.6	29.8	33.4	45.6	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.4	126.7	128.7	120.7	84.6	98.7	107.8	324.0	669.7	38.5
16:08:04	0:02:00	23.3	23.4	29.8	36.2	48.0	118.5	119.6	119.1	116.9	119.6	119.4	118.3	120.4	126.9	128.6	120.5	83.6	95.4	107.8	324.0	669.7	44.5
16:10:04	0:04:00	25.9	26.0	29.8	37.1	48.8	118.8	119.8	119.5	117.1	120.0	119.8	118.3	120.5	127.0	128.5	120.4	82.7	92.1	107.7	324.0	669.7	44.5
16:12:04	0:06:00	28.6	28.8	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.0	118.3	120.3	126.7	128.4	120.2	81.9	89.5	107.6	324.0	669.7	44.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/09/2015 03:31:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:11	0:06:07	28.9	29.0	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.1	118.4	120.0	125.5	128.4	120.2	81.9	89.3	107.6	324.0	669.7	44.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.7 MAX GAS TEMP: 084.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.4 MIN GAS TEMP: 081.9
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:2/12) 06/09/2015 03:31:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:11	0:00:00	28.9	29.0	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.1	118.4	120.0	125.5	128.4	120.2	81.9	89.3	107.6	324.0	669.7	44.5
16:14:11	0:02:00	26.2	26.3	29.8	35.3	47.4	118.0	118.8	118.4	116.9	118.9	118.7	118.1	120.1	125.9	128.4	120.0	81.3	93.9	107.7	324.0	669.7	38.5
16:16:11	0:04:00	23.5	23.6	29.8	33.9	46.0	117.7	118.6	118.0	116.6	118.5	118.3	117.8	120.3	126.4	128.2	119.8	80.8	96.3	107.6	324.0	669.7	35.5
16:18:11	0:06:00	20.8	20.9	29.8	33.0	45.0	117.5	118.3	117.8	116.4	118.3	118.0	117.6	120.4	126.8	128.0	119.8	80.3	97.6	107.5	324.0	669.7	33.9

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/09/2015 03:38:01

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000196

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
16:18:22	0:06:11	20.5	20.6	29.8	33.0	45.0	117.4	118.3	117.7	116.4	118.3	118.0	117.6	119.9	125.0	128.0	119.7	80.2	97.7	107.5	324.0	669.7	34.0

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 081.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.9 MIN GAS TEMP: 080.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:3/12) 06/09/2015 03:38:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:22	0:00:00	20.5	20.6	29.8	33.0	45.0	117.4	118.3	117.7	116.4	118.3	118.0	117.6	119.9	125.0	128.0	119.7	80.2	97.7	107.5	324.0	669.7	34.0
16:20:22	0:02:00	23.3	23.4	29.8	35.2	46.8	118.5	119.6	119.1	116.8	119.6	119.4	118.1	120.0	125.2	127.9	119.6	79.8	94.5	107.5	324.0	669.7	38.5
16:22:22	0:04:00	26.0	26.2	29.8	36.2	47.7	118.8	119.8	119.5	117.0	120.0	119.8	118.3	120.3	126.0	127.7	119.5	79.5	91.3	107.4	324.0	669.7	40.0
16:24:22	0:06:00	28.6	28.8	29.8	37.1	48.6	119.0	120.2	119.8	117.0	120.3	120.1	118.3	120.0	125.6	127.7	119.3	79.2	88.9	107.5	324.0	669.7	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/09/2015 03:44:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:29	0:06:07	28.9	29.0	29.8	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	124.1	127.6	119.3	79.2	88.7	107.5	324.0	669.7	40.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.0 MAX GAS TEMP: 080.2
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.5 MIN GAS TEMP: 079.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:3/12) 06/09/2015 03:44:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:29	0:00:00	28.9	29.0	29.8	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	124.1	127.6	119.3	79.2	88.7	107.5	324.0	669.7	40.0
16:26:29	0:02:00	26.1	26.3	29.8	34.8	46.8	118.0	118.8	118.4	116.9	118.9	118.7	118.0	119.8	124.3	127.6	119.2	78.9	94.1	107.4	324.0	669.7	34.0
16:28:29	0:04:00	23.5	23.6	29.8	33.4	45.3	117.7	118.6	118.1	116.6	118.6	118.3	117.8	119.9	125.1	127.6	119.8	78.7	96.6	107.9	324.0	669.7	31.0
16:30:29	0:06:00	20.7	20.9	29.8	32.5	44.3	117.5	118.3	117.8	116.4	118.4	118.1	117.6	120.0	125.5	127.4	122.4	78.4	98.0	107.8	324.0	669.7	29.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/09/2015 03:50:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:38	0:06:09	20.5	20.6	29.8	32.5	44.5	117.4	118.3	117.7	116.3	118.4	118.1	117.6	119.4	123.8	127.4	122.4	78.4	98.1	107.8	324.0	669.7	29.4

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.7 MAX GAS TEMP: 079.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:4/12) 06/09/2015 03:50:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:38	0:00:00	20.5	20.6	29.8	32.5	44.5	117.4	118.3	117.7	116.3	118.4	118.1	117.6	119.4	123.8	127.4	122.4	78.4	98.1	107.8	324.0	669.7	29.4
16:32:38	0:02:00	23.3	23.4	29.8	34.8	46.2	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.4	123.5	127.2	122.3	78.2	94.8	107.7	324.0	669.7	34.0
16:34:39	0:04:00	26.0	26.1	29.8	35.7	47.0	118.8	119.9	119.6	117.0	120.0	119.8	118.2	119.8	124.4	127.1	122.2	78.1	91.5	107.6	324.0	669.7	35.5
16:36:39	0:06:00	28.6	28.7	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	120.0	125.2	127.1	122.0	77.9	89.1	107.8	324.0	669.7	35.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000197

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/09/2015 03:56:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:50	0:06:19	28.9	29.0	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.2	122.7	127.0	122.0	77.9	88.8	107.7	324.0	669.7	35.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 078.4
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.0 MIN GAS TEMP: 077.9
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 122.0

POST EVACUATION(2) (Loop:4/12) 06/09/2015 03:56:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:51	0:00:00	28.9	29.0	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.2	122.7	127.0	122.0	77.9	88.8	107.7	324.0	669.7	35.5
16:38:51	0:02:00	26.2	26.3	29.8	33.9	45.5	118.0	118.9	118.4	116.8	118.9	118.7	118.0	119.3	123.3	127.1	121.8	77.8	94.9	107.8	324.0	669.7	29.5
16:40:51	0:04:00	23.4	23.5	29.8	32.5	44.1	117.7	118.6	118.0	116.6	118.6	118.3	117.8	119.6	123.7	126.9	121.7	77.7	97.6	107.8	324.0	669.7	28.0
16:42:51	0:06:00	20.7	20.8	29.8	31.7	43.2	117.5	118.3	117.8	116.4	118.4	118.1	117.6	119.8	124.5	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/09/2015 04:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:42:59	0:06:08	20.5	20.6	29.8	31.6	43.1	117.5	118.3	117.8	116.3	118.3	118.0	117.6	119.2	123.1	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.1 MAX GAS TEMP: 077.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.7 MIN GAS TEMP: 077.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.5

AIR BACKFILL(1) (Loop:5/12) 06/09/2015 04:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:42:59	0:00:00	20.5	20.6	29.8	31.6	43.1	117.5	118.3	117.8	116.3	118.3	118.0	117.6	119.2	123.1	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5
16:44:59	0:02:00	23.2	23.3	29.8	34.4	45.7	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.4	123.4	126.7	121.4	77.6	95.5	107.8	324.0	669.7	29.5
16:46:59	0:04:00	25.9	26.0	29.8	35.3	46.3	118.9	120.1	119.7	117.1	120.1	119.9	118.3	119.6	123.8	126.6	121.2	77.5	92.2	107.8	324.0	669.7	31.0
16:48:59	0:06:00	28.6	28.8	29.8	35.7	46.8	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.6	123.9	126.4	121.1	77.4	89.6	107.8	324.0	669.7	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/09/2015 04:08:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:06	0:06:07	28.9	29.0	29.8	35.7	46.8	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	122.7	126.4	121.1	77.4	89.5	107.8	324.0	669.7	31.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.8 MAX GAS TEMP: 077.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.4 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.1

POST EVACUATION(2) (Loop:5/12) 06/09/2015 04:08:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:06	0:00:00	28.9	29.0	29.8	35.7	46.8	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	122.7	126.4	121.1	77.4	89.5	107.8	324.0	669.7	31.0
16:51:06	0:02:00	26.1	26.3	29.8	33.5	45.0	118.0	118.8	118.4	116.8	119.0	118.7	118.1	119.4	123.5	126.2	120.9	77.4	94.7	107.8	324.0	669.7	26.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000198

16:53:06	0:04:00	23.4	23.5	29.8	32.1	43.5	117.7	118.6	118.0	116.5	118.7	118.4	117.9	119.8	124.3	126.2	120.8	77.3	97.2	107.8	324.0	669.7	23.5
16:55:06	0:06:00	20.7	20.8	29.8	31.6	43.0	117.5	118.5	117.8	116.4	118.3	118.0	117.6	119.9	125.2	125.9	120.6	77.2	98.4	107.8	324.0	669.7	23.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/09/2015 04:14:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:14	0:06:08	20.5	20.6	29.8	31.2	42.5	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.4	123.7	125.9	120.6	77.2	98.6	107.8	324.0	669.7	23.5

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.4 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.9 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.6

AIR BACKFILL(1) (Loop:6/12) 06/09/2015 04:14:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:14	0:00:00	20.5	20.6	29.8	31.2	42.5	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.4	123.7	125.9	120.6	77.2	98.6	107.8	324.0	669.7	23.5
16:57:14	0:02:00	23.3	23.4	29.8	33.4	44.4	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.6	124.0	125.9	120.5	77.2	95.3	107.7	324.0	669.7	26.5
16:59:14	0:04:00	26.0	26.1	29.8	34.3	45.1	118.9	120.1	119.7	117.1	120.1	119.9	118.3	119.8	124.4	125.8	120.4	77.1	92.0	107.7	324.0	669.7	28.0
17:01:14	0:06:00	28.6	28.8	29.8	35.3	46.2	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.8	124.6	125.7	120.2	77.1	89.4	107.7	324.0	669.7	28.0

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/09/2015 04:21:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:26	0:06:12	28.9	29.0	29.8	35.3	46.2	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.0	123.0	125.7	120.2	77.0	89.2	107.7	324.0	669.7	28.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.0 MAX GAS TEMP: 077.2
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.7 MIN GAS TEMP: 077.0
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:6/12) 06/09/2015 04:21:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:26	0:00:00	28.9	29.0	29.8	35.3	46.2	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.0	123.0	125.7	120.2	77.0	89.2	107.7	324.0	669.7	28.0
17:03:26	0:02:00	26.1	26.3	29.8	33.0	44.3	118.1	118.9	118.5	116.8	119.0	118.7	118.0	119.2	123.0	125.6	120.1	77.0	94.7	107.6	324.0	669.7	23.4
17:05:26	0:04:00	23.4	23.5	29.8	31.6	42.8	117.7	118.6	118.1	116.6	118.6	118.3	117.7	119.4	123.5	125.5	119.8	76.9	97.2	107.6	324.0	669.7	22.0
17:07:26	0:06:00	20.7	20.8	29.8	30.7	41.8	117.5	118.5	117.8	116.4	118.4	118.1	117.6	119.8	124.3	125.4	119.8	76.9	98.4	107.6	324.0	669.7	20.4

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/09/2015 04:27:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:07:36	0:06:10	20.5	20.6	29.8	30.7	41.9	117.5	118.3	117.8	116.3	118.4	118.1	117.5	119.0	122.9	125.4	119.8	76.9	98.6	107.6	324.0	669.7	20.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.8 MAX GAS TEMP: 077.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.4 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:7/12) 06/09/2015 04:27:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000199

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

17:07:36	0:00:00	20.5	20.6	29.8	30.7	41.9	117.5	118.3	117.8	116.3	118.4	118.1	117.5	119.0	122.9	125.4	119.8	76.9	98.6	107.6	324.0	669.7	20.4
17:09:36	0:02:00	23.3	23.4	29.8	33.4	44.3	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.2	122.8	125.2	119.6	76.9	95.2	107.6	324.0	669.7	23.4
17:11:36	0:04:00	26.0	26.1	29.8	34.3	45.2	118.8	119.9	119.6	116.9	120.1	119.9	118.3	119.2	122.9	125.2	119.5	76.8	92.0	107.6	324.0	669.7	24.9
17:13:36	0:06:00	28.6	28.8	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.3	123.0	125.2	119.3	76.7	89.4	107.5	324.0	669.7	25.0

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/09/2015 04:33:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:13:47	0:06:11	28.9	29.0	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.0	124.1	125.2	119.3	76.8	89.1	107.5	324.0	669.7	24.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.5 MAX GAS TEMP: 076.9
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.2

POST EVACUATION(2) (Loop:7/12) 06/09/2015 04:33:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:13:47	0:00:00	28.9	29.0	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.0	124.1	125.2	119.3	76.8	89.1	107.5	324.0	669.7	24.9
17:15:47	0:02:00	26.2	26.3	29.8	32.5	43.6	118.1	118.9	118.5	116.9	119.0	118.7	118.0	119.0	123.2	125.0	119.2	76.7	94.7	107.5	324.0	669.7	21.9
17:17:47	0:04:00	23.4	23.6	29.8	31.6	42.8	117.7	118.6	118.1	116.6	118.6	118.4	117.8	119.2	122.9	124.9	120.8	76.6	97.2	108.7	324.0	669.7	18.9
17:19:48	0:06:00	20.7	20.8	29.8	30.3	41.2	117.5	118.3	117.9	116.3	118.4	118.1	117.6	119.4	123.5	124.7	122.4	76.6	98.6	107.8	324.0	669.7	18.9

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/09/2015 04:39:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:56	0:06:08	20.5	20.6	29.8	30.3	41.3	117.5	118.3	117.8	116.3	118.3	118.1	117.5	118.9	123.1	124.7	122.4	76.6	98.7	107.8	324.0	669.7	19.0

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.7 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:8/12) 06/09/2015 04:39:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:56	0:00:00	20.5	20.6	29.8	30.3	41.3	117.5	118.3	117.8	116.3	118.3	118.1	117.5	118.9	123.1	124.7	122.4	76.6	98.7	107.8	324.0	669.7	19.0
17:21:56	0:02:00	23.3	23.4	29.8	32.5	43.1	118.5	119.7	119.2	116.8	119.8	119.6	118.2	119.0	122.9	124.8	122.3	76.6	95.3	107.8	324.0	669.7	21.9
17:23:56	0:04:00	26.0	26.2	29.8	33.5	43.9	118.9	120.1	119.7	117.1	120.2	120.0	118.3	119.0	122.9	124.7	122.1	76.6	92.1	107.9	324.0	669.7	22.0
17:25:56	0:06:00	28.6	28.7	29.8	34.3	45.0	119.0	120.3	119.9	117.0	120.3	120.2	118.3	119.2	122.8	124.5	121.9	76.6	89.3	107.8	324.0	669.7	22.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/09/2015 04:45:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:08	0:06:12	28.9	29.0	29.8	34.3	44.9	119.1	120.3	120.0	117.1	120.4	120.3	118.3	119.2	125.0	124.5	121.9	76.6	89.1	107.8	324.0	669.7	21.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.8 MAX GAS TEMP: 076.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.9

POST EVACUATION(2) (Loop:8/12) 06/09/2015 04:45:48

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000200

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
17:26:03	0:00:00	28.9	29.0	29.8	34.3	44.9	119.1	120.3	120.0	117.1	120.4	120.3	118.3	119.2	125.0	124.5	121.9	76.6	89.1	107.8	324.0	669.7	21.9
17:28:03	0:02:00	26.2	26.3	29.8	32.1	43.1	118.1	118.9	118.5	116.8	119.0	118.8	118.1	119.0	124.0	124.4	121.8	76.5	94.8	107.8	324.0	669.7	18.9
17:30:03	0:04:00	23.4	23.6	29.8	30.7	41.6	117.8	118.7	118.1	116.6	118.6	118.4	117.8	119.2	122.7	124.3	121.6	76.5	97.3	107.8	324.0	669.7	15.9
17:32:03	0:06:00	20.7	20.8	29.8	30.3	41.2	117.6	118.5	117.9	116.4	118.4	118.1	117.6	119.2	123.2	124.3	121.5	76.6	98.8	107.8	324.0	669.7	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/09/2015 04:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:32:19	0:06:11	20.5	20.5	29.8	29.8	40.7	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.0	124.6	124.3	121.4	76.5	98.8	107.8	324.0	669.7	15.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.6 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.4

AIR BACKFILL(1) (Loop:9/12) 06/09/2015 04:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:32:19	0:00:00	20.5	20.6	29.8	29.8	40.7	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.0	124.6	124.3	121.4	76.5	98.8	107.8	324.0	669.7	15.9
17:34:19	0:02:00	23.3	23.4	29.8	32.5	43.1	118.6	119.7	119.3	116.9	119.8	119.5	118.2	118.9	124.1	124.2	121.3	76.5	95.4	107.8	324.0	669.7	18.9
17:36:19	0:04:00	26.0	26.1	29.8	33.4	44.0	118.8	119.9	119.6	117.0	120.1	119.9	118.3	118.9	123.7	124.2	121.2	76.6	92.1	107.8	324.0	669.7	20.5
17:38:19	0:06:00	28.6	28.8	29.8	33.9	44.4	119.0	120.3	119.8	117.1	120.3	120.2	118.3	118.9	123.8	124.0	121.0	76.5	89.6	107.8	324.0	669.7	19.0

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/09/2015 04:58:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:31	0:06:12	28.9	29.0	29.8	33.9	44.3	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.8	126.9	124.0	121.0	76.6	89.4	107.7	324.1	669.7	18.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.3 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.0

POST EVACUATION(2) (Loop:9/12) 06/09/2015 04:58:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:31	0:00:00	28.9	29.0	29.8	33.9	44.3	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.8	126.9	124.0	121.0	76.6	89.4	107.7	324.1	669.7	18.9
17:40:31	0:02:00	26.2	26.3	29.8	31.6	42.5	118.1	118.9	118.5	116.8	119.0	118.7	118.0	119.4	125.9	129.5	120.9	76.6	95.0	107.8	324.0	669.7	15.9
17:42:31	0:04:00	23.5	23.6	29.8	30.3	40.9	117.8	118.7	118.1	116.6	118.6	118.4	117.8	119.2	124.8	129.2	120.7	76.6	97.3	107.8	324.0	669.7	14.4
17:44:31	0:06:00	20.7	20.8	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	118.9	123.5	129.1	120.5	76.6	98.7	107.8	324.0	669.7	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/09/2015 05:04:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:39	0:06:08	20.5	20.5	29.8	29.4	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.3	125.7	129.1	120.5	76.6	98.8	107.7	324.0	669.7	14.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.8 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 123.9 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000201

AIR BACKFILL(1) (Loop:10/12) 06/09/2015 05:04:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:39	0:00:00	20.5	20.6	29.8	29.4	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.3	125.7	129.1	120.5	76.6	98.8	107.7	324.0	669.7	14.4
17:46:40	0:02:00	23.3	23.4	29.8	31.6	41.9	118.6	119.7	119.3	116.9	119.7	119.5	118.1	119.2	125.1	129.0	120.4	76.6	95.4	107.7	324.0	669.7	17.5
17:48:40	0:04:00	26.0	26.1	29.8	33.0	43.4	118.9	120.1	119.6	117.1	120.1	120.0	118.4	119.0	124.3	128.9	120.3	76.6	92.1	107.6	324.0	669.7	17.4
17:50:40	0:06:00	28.6	28.7	29.8	33.5	43.8	119.0	120.3	119.8	117.1	120.3	120.2	118.3	118.9	123.7	128.8	120.1	76.6	89.5	107.7	324.0	669.7	17.5

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/09/2015 05:10:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:52	0:06:13	28.9	29.0	29.8	33.4	43.8	119.0	120.2	119.9	117.0	120.4	120.2	118.3	119.8	126.9	128.8	120.1	76.6	89.3	107.6	324.0	669.7	17.4

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.1 MAX GAS TEMP: 076.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.8 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.1

POST EVACUATION(2) (Loop:10/12) 06/09/2015 05:10:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:52	0:00:00	28.9	29.0	29.8	33.4	43.8	119.0	120.2	119.9	117.0	120.4	120.2	118.3	119.8	126.9	128.8	120.1	76.6	89.3	107.6	324.0	669.7	17.4
17:52:52	0:02:00	26.2	26.3	29.8	31.6	42.5	118.0	118.9	118.4	116.8	119.0	118.7	118.1	119.6	126.3	128.7	119.8	76.6	94.5	107.6	324.0	669.7	14.4
17:54:52	0:04:00	23.4	23.6	29.8	30.3	40.9	117.8	118.7	118.1	116.6	118.6	118.3	117.8	119.2	125.0	128.6	119.8	76.6	97.0	107.6	324.0	669.7	14.4
17:56:52	0:06:00	20.7	20.9	29.8	29.4	40.0	117.5	118.3	117.8	116.4	118.4	118.1	117.6	119.0	124.0	128.5	119.7	76.6	98.4	107.6	324.0	669.7	12.9

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/09/2015 05:16:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:03	0:06:10	20.5	20.6	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.8	126.8	128.5	119.7	76.6	98.6	107.6	324.0	669.7	12.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.6

AIR BACKFILL(1) (Loop:11/12) 06/09/2015 05:16:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:03	0:00:00	20.5	20.6	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.8	126.8	128.5	119.7	76.6	98.6	107.6	324.0	669.7	12.9
17:59:03	0:02:00	23.2	23.3	29.8	31.6	41.9	118.6	119.7	119.3	116.8	119.8	119.6	118.1	119.4	126.1	128.4	119.5	76.5	95.2	107.6	324.0	669.7	14.4
18:01:03	0:04:00	25.9	26.0	29.8	32.5	42.7	118.9	120.1	119.7	117.0	120.2	120.0	118.4	119.3	125.6	128.2	119.3	76.6	91.9	107.5	324.0	669.7	15.9
18:03:03	0:06:00	28.7	28.9	29.8	33.0	43.1	119.1	120.3	119.9	117.1	120.4	120.2	118.3	119.2	124.9	128.2	119.3	76.6	89.3	107.5	324.0	669.7	16.0

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/09/2015 05:22:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:11	0:06:08	28.9	29.0	29.8	33.0	43.2	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.8	127.0	128.2	119.3	76.6	89.1	107.4	324.0	669.7	15.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.2 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000202

EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.2

POST EVACUATION(2) (Loop:11/12) 06/09/2015 05:22:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:11	0:00:00	28.9	29.0	29.8	33.0	43.2	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.8	127.0	128.2	119.3	76.6	89.1	107.4	324.0	669.7	15.9
18:05:11	0:02:00	26.2	26.3	29.8	31.2	41.8	118.1	118.9	118.5	116.8	119.0	118.7	118.1	119.6	126.5	128.1	119.1	76.5	94.7	107.5	324.0	669.7	12.9
18:07:11	0:04:00	23.5	23.6	29.8	29.8	40.3	117.8	118.7	118.1	116.6	118.7	118.4	117.8	119.3	125.5	128.0	122.3	76.5	97.2	107.8	324.0	669.7	11.4
18:09:11	0:06:00	20.8	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.1	117.6	119.0	124.6	127.8	122.2	76.5	98.6	107.8	324.0	669.7	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/09/2015 05:29:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:21	0:06:10	20.5	20.8	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.7	119.8	127.1	127.7	122.2	76.5	98.7	107.8	324.0	669.7	11.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.2 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.7 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:12/12) 06/09/2015 05:29:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:21	0:00:00	20.5	20.6	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.7	119.8	127.1	127.7	122.2	76.5	98.7	107.8	324.0	669.7	11.4
18:11:21	0:02:00	23.3	23.4	29.8	31.3	41.5	118.6	119.7	119.3	116.8	119.8	119.6	118.2	119.6	126.7	127.7	122.0	76.4	95.4	107.8	324.0	669.7	14.4
18:13:22	0:04:00	26.0	26.1	29.8	32.5	42.7	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	126.4	127.7	121.9	76.4	92.1	107.8	324.0	669.7	14.4
18:15:22	0:06:00	28.7	28.9	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.3	118.3	119.2	125.0	127.6	121.7	76.4	89.5	107.8	324.0	669.7	14.4

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/09/2015 05:35:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:21	0:06:00	28.9	29.0	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.9	127.3	127.6	121.8	76.5	89.3	107.8	324.0	669.7	14.4

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.5
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.6 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:12/12) 06/09/2015 05:35:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:31	0:00:00	28.9	29.0	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.9	127.3	127.6	121.8	76.5	89.3	107.8	324.0	669.7	14.4
18:17:31	0:02:00	26.2	26.3	29.8	30.7	41.3	118.1	118.9	118.5	116.8	119.1	118.8	118.1	119.6	126.3	127.5	121.5	76.4	95.0	107.8	324.0	669.7	11.4
18:19:31	0:04:00	23.5	23.6	29.8	29.4	39.8	117.7	118.6	118.1	116.6	118.6	118.4	117.8	119.0	124.5	127.4	121.4	76.5	97.5	107.8	324.0	669.7	11.4
18:21:31	0:06:00	20.7	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.6	119.0	123.4	127.4	121.2	76.5	99.0	107.8	324.0	669.7	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/09/2015 05:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:40	0:06:09	20.5	20.8	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.2	117.6	119.3	125.6	127.4	121.3	76.5	99.1	107.8	324.0	669.7	9.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.7 MAX GAS TEMP: 076.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000203

CYCLE NO: 0000000150

STERILIZER NUMBER: 0001033693

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.2

AIR BACKFILL(2) 06/09/2015 05:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:40	0:00:00	20.5	20.6	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.2	117.6	119.3	125.6	127.4	121.3	76.5	99.1	107.8	324.0	669.7	9.9
18:22:40	0:01:00	22.0	22.1	29.8	29.8	39.9	118.2	119.3	118.8	116.6	119.3	119.1	117.9	119.4	125.9	127.3	121.2	76.5	97.5	107.8	324.0	669.7	11.4
18:23:40	0:02:00	23.3	23.4	29.8	30.7	40.6	118.6	119.7	119.3	116.9	119.8	119.7	118.2	119.2	124.8	127.3	121.1	76.6	95.8	107.8	324.0	669.7	11.4
18:24:40	0:03:00	24.7	24.8	29.8	31.6	41.7	118.8	119.9	119.5	117.0	120.0	119.8	118.3	119.3	125.1	127.1	121.0	76.5	94.1	107.8	324.0	669.7	12.9
18:25:40	0:04:00	26.0	26.1	29.8	31.6	41.5	118.9	120.1	119.7	117.1	120.2	120.0	118.3	118.9	124.0	127.0	121.0	76.5	92.4	107.8	324.0	669.7	12.9
18:26:40	0:05:00	27.3	27.4	29.8	32.5	42.6	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	123.7	127.0	120.9	76.6	91.0	107.8	324.0	669.7	12.9
18:27:40	0:06:00	28.6	28.7	29.8	32.5	42.5	119.1	120.3	119.9	117.1	120.4	120.2	118.3	118.9	123.0	127.0	120.9	76.6	89.8	107.8	324.0	669.7	12.9

AIR BACKFILL(2) SUMMARY 06/09/2015 05:47:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:27:53	0:06:13	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.8

END OF CYCLE 06/09/2015 05:47:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:27:53	0:00:00	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

DRUM 1 EMPTY ALARM RESET 06/09/2015 05:47:33

18:27:53	0:00:00	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000204

Aeration Validation

Set "B"

Sterilization Cycle# CB500307

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500307 Load Number: Dunnage Load

Date Cycle Completed: June 15, 2015 Time Cycle Completed: 18:45

Date Aeration Completed: June 16, 2015 Time Aeration Completed: 19:10

Notes: Chamber B (STE14-031), (Set B: 2 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	105.5	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	41	40	70	%
Room RH Max	54	40	70	%
PCR Elapsed Time	49:06	12:00	96:00	Hrs:Min
Load Time	44	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	122	38	390	Minutes
Chamber Moisture Min	53.9	18.3	86.3	mg/L
Chamber Moisture Max	65.7	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.7	20.0	21.0	inHgA
EtO Inject Pressure	28.2*	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	21.2	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.2	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.9	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	118.0	95	130	°F
Chamber Temperature Max	119.3	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	318.6	200	480	mg/L
Gas Concentration Max	406.1	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.2	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.2	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.2	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.2	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.2	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.2	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.2	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.2	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.2	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.2	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.2	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.2	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.2	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:10	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	105	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.4	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.2 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Bell Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 10:24	DATE: 06-13-15
CB500307	CYCLE LOAD TIME: 23:30	DATE: 06-14-15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: AH

STARTING PCR TEMP: 105.5 STARTING PCR TIME: 22:24 START PCR DATE: 06-12-15

PCR MIN RH: 41 PCR MIN TEMP: 103

PCR MAX RH: 54 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: GB PCR CIRCULATOR RUNNING: 6/14 AH

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013988			
STE14-031	6 Pallet Residuals (Set B: 2 of 3X)				

2

CYCLE START TIME: 00:14 CYCLE START DATE: 06-15-15 ETC RUN #: 153

CYCLE END TIME: 18:45 CYCLE END DATE: 6-15-15 PRIMARY START TIME: 19:00

PRIMARY END TIME: 19:10 PRIMARY END DATE: 6-16-15 MIN TEMP: 105 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: AL

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: RIA Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

```
*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
```

CHAMBER 103369-3

DATE: 06/15/2015
TIME: 12:14:34 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000153

LOAD NUMBER 1: CB500307
LOAD NUMBER 2: 5013988
LOAD NUMBER 3: STE14-031 6 Pallet Residuals
LOAD NUMBER 4: (Set B: 2 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001089

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000212

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000213

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000214

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000215

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000216

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

****

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/15/2015 00:14:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.1	30.3	30.1	41.6	60.3	115.2	116.0	116.0	113.8	116.2	116.3	114.7	119.2	123.7	129.1	120.1	80.4	77.7	109.1	323.9	649.3	0.9
0:01:00	0:01:00	28.7	28.9	30.1	41.2	60.2	114.9	115.6	115.6	113.5	115.7	115.9	114.4	119.2	122.9	129.0	120.0	80.4	85.4	109.1	323.8	649.3	0.9
0:02:00	0:02:00	27.4	27.5	30.1	40.7	59.9	114.6	115.4	115.3	113.3	115.4	115.4	114.0	119.4	123.8	129.0	120.0	80.4	90.0	109.1	323.9	649.3	0.9
0:03:00	0:03:00	26.0	26.1	30.1	39.8	58.9	114.4	115.2	115.1	113.1	115.3	115.4	114.0	119.3	123.4	128.8	119.8	80.3	92.6	109.0	323.9	649.3	0.9
0:04:00	0:04:00	24.6	24.8	30.1	39.4	58.2	114.4	115.2	115.1	113.1	115.3	115.3	113.9	119.6	124.1	128.9	119.8	80.3	94.4	109.1	323.9	649.3	0.9
0:05:00	0:05:00	23.3	23.4	30.1	38.4	57.0	114.3	115.1	115.0	112.9	115.1	115.2	113.7	119.6	124.3	128.9	119.8	80.3	95.7	109.1	323.9	649.3	1.0
0:06:01	0:06:01	21.9	22.0	30.1	38.0	56.5	114.2	115.0	114.9	112.8	115.1	115.0	113.7	119.8	124.9	128.8	119.8	80.3	96.6	109.0	323.9	649.3	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000217

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

0:07:01	0:07:01	20.5	20.7	30.1	37.1	55.2	114.2	115.0	114.8	112.8	115.0	114.9	113.7	119.9	125.0	128.7	119.7	80.3	97.3	109.0	323.9	649.3	0.9

INITIAL EVACUATION(1) SUMMARY 06/15/2015 00:21:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:01	0:07:03	20.5	20.6	30.1	37.1	55.3	114.1	115.0	114.8	112.7	115.0	114.9	113.7	119.8	124.5	128.7	119.7	80.3	97.3	109.0	323.8	649.3	0.9

START PRESS: 0030.1 MAX PRESS: 0030.1 MAX TEMP: 116.3 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.1 MAX GAS TEMP: 080.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.8 DRM2 END: 649.3 MIN PRE TEMP: 128.7 MIN GAS TEMP: 080.2
PRESS CHANGE: 009.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

STABILIZATION 06/15/2015 00:21:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:04	0:00:00	20.5	20.6	30.1	37.1	55.3	114.1	115.0	114.8	112.7	115.0	114.9	113.7	119.8	124.5	128.7	119.7	80.3	97.3	109.0	323.8	649.3	0.9
0:08:04	0:01:00	20.5	20.7	30.1	38.0	55.9	114.6	115.5	115.3	113.2	115.5	115.4	114.2	119.8	124.9	128.7	119.6	80.2	95.8	109.0	323.9	649.3	0.9
0:09:04	0:02:00	20.5	20.7	30.1	38.0	55.4	114.9	115.8	115.6	113.5	116.0	115.9	114.6	119.6	124.3	128.6	119.5	80.2	93.9	109.0	323.9	649.3	0.9
0:10:04	0:03:00	20.5	20.7	30.1	38.9	56.4	115.2	116.0	115.8	113.8	116.2	116.1	114.8	119.6	124.6	128.6	119.5	80.2	92.2	108.9	323.9	649.3	0.9
0:11:04	0:04:00	20.6	20.7	30.1	39.3	56.8	115.3	116.2	116.0	113.8	116.2	116.2	114.9	119.6	124.2	128.6	119.5	80.2	90.7	108.9	323.8	649.3	0.9
0:12:04	0:05:00	20.6	20.7	30.1	39.8	57.4	115.4	116.2	116.0	114.0	116.3	116.3	115.1	119.6	124.6	128.5	119.3	80.1	89.5	108.9	323.9	649.3	0.9
0:13:04	0:06:01	20.6	20.8	30.1	40.3	57.8	115.5	116.4	116.1	114.2	116.4	116.4	115.3	119.6	123.9	128.4	119.3	80.1	88.3	108.9	323.8	649.3	1.2
0:14:04	0:07:01	20.6	20.8	30.1	40.7	58.4	115.6	116.4	116.2	114.2	116.4	116.4	115.3	119.6	124.5	128.4	119.3	80.1	87.3	108.8	323.9	649.3	0.9
0:15:04	0:08:01	20.6	20.8	30.1	41.2	58.9	115.7	116.5	116.3	114.3	116.6	116.4	115.3	119.6	124.2	128.4	119.2	80.1	86.3	108.8	323.9	649.3	0.9
0:16:04	0:09:01	20.6	20.8	30.1	41.6	59.5	115.7	116.6	116.3	114.4	116.7	116.6	115.5	119.8	124.8	128.2	119.2	80.1	85.4	108.7	323.9	649.3	0.9

STABILIZATION SUMMARY 06/15/2015 00:31:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:04	0:10:00	20.6	20.8	30.1	41.6	59.4	115.8	116.6	116.4	114.4	116.7	116.7	115.6	119.6	124.3	128.2	119.2	80.0	84.7	108.8	323.8	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0020.6 MAX TEMP: 116.7 DRM1 START: 323.8 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 080.3
END PRESS: 0020.6 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.2 MIN GAS TEMP: 080.0
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

LEAK CHECK 06/15/2015 00:31:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:04	0:00:00	20.6	20.8	30.1	41.6	59.4	115.8	116.6	116.4	114.4	116.7	116.7	115.6	119.6	124.3	128.2	119.2	80.0	84.7	108.8	323.8	649.3	0.9
0:18:04	0:01:00	20.6	20.8	30.1	42.1	60.0	115.8	116.7	116.4	114.4	116.7	116.7	115.6	119.6	124.7	128.2	122.4	80.0	84.1	109.3	323.8	649.3	0.9
0:19:04	0:02:00	20.7	20.8	30.1	42.5	60.5	115.9	116.8	116.5	114.5	116.8	116.8	115.7	119.8	124.3	128.1	122.3	80.0	83.5	109.1	323.9	649.3	0.9
0:20:04	0:03:00	20.7	20.8	30.1	42.5	60.4	116.0	116.8	116.5	114.6	116.9	116.8	115.8	119.8	124.8	128.1	122.3	80.0	83.0	109.1	323.9	649.3	0.9
0:21:04	0:04:00	20.7	20.8	30.1	43.0	61.0	116.0	116.8	116.6	114.6	116.9	116.8	115.8	119.9	124.7	127.9	122.3	80.0	82.5	109.1	323.9	649.3	0.9

LEAK CHECK SUMMARY 06/15/2015 00:36:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:04	0:05:00	20.7	20.8	30.1	43.0	60.9	116.1	116.9	116.6	114.7	117.0	116.9	115.9	119.9	125.4	127.9	122.2	80.0	82.1	109.1	323.9	649.3	0.9

START PRESS: 0020.6 MAX PRESS: 0020.7 MAX TEMP: 117.0 DRM1 START: 323.8 DRM2 START: 649.3 MAX PRE TEMP: 128.2 MAX GAS TEMP: 080.1
END PRESS: 0020.7 MIN PRESS: 0020.6 MIN TEMP: 115.5 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.9 MIN GAS TEMP: 079.9
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000218

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.2

INITIAL N2 WASH(1) (Loop:1/5) 06/15/2015 00:36:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:04	0:00:00	20.7	20.8	30.1	43.0	60.9	116.1	116.9	116.6	114.7	117.0	116.9	115.9	119.9	125.4	127.9	122.2	80.0	82.1	109.1	323.9	649.3	0.9
0:23:04	0:01:00	22.0	22.2	30.1	44.4	61.8	116.6	117.4	117.2	115.3	117.5	117.4	116.5	120.1	125.6	127.9	122.1	93.2	81.8	109.1	323.9	649.3	0.9
0:24:04	0:02:00	23.4	23.5	30.1	45.3	62.7	116.9	117.7	117.4	115.6	117.7	117.6	116.9	120.0	125.7	127.8	121.9	105.3	81.4	109.0	323.9	649.3	0.9
0:25:04	0:03:00	24.8	24.9	30.1	45.8	63.2	117.0	117.8	117.5	115.8	117.9	117.9	117.1	120.3	125.9	127.7	121.8	110.4	81.2	109.1	323.9	649.3	0.9
0:26:04	0:04:00	26.1	26.3	30.1	45.7	62.9	117.1	117.8	117.6	116.0	118.0	117.9	117.2	120.1	126.1	127.9	121.7	112.2	81.0	109.1	323.8	649.3	0.9
0:27:04	0:05:00	27.5	27.6	30.1	45.7	62.5	117.3	118.1	117.8	116.2	118.2	118.1	117.4	120.3	126.4	127.7	121.5	113.0	80.8	109.0	323.8	649.3	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/15/2015 00:41:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:05:02	27.5	27.7	30.1	45.7	62.6	117.3	118.1	117.7	116.2	118.2	118.0	117.4	120.3	126.0	127.7	121.5	113.0	80.7	109.0	323.9	649.3	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.0 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.9 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.7 MIN GAS TEMP: 080.0
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL EVACUATION(2) (Loop:1/5) 06/15/2015 00:41:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:00:00	27.5	27.7	30.1	45.7	62.6	117.3	118.1	117.7	116.2	118.2	118.0	117.4	120.3	126.0	127.7	121.5	113.0	80.7	109.0	323.9	649.3	0.9
0:28:06	0:01:00	26.2	26.3	30.1	43.9	61.5	116.5	117.2	116.9	115.3	117.3	117.1	116.4	120.1	126.1	127.7	121.4	110.3	87.3	109.0	323.8	649.3	0.9
0:29:06	0:02:00	24.8	25.0	30.1	42.1	59.8	116.0	116.8	116.4	114.7	116.8	116.6	115.8	120.3	126.2	127.7	121.4	106.8	91.2	109.0	323.8	649.3	0.9
0:30:06	0:03:00	23.4	23.5	30.1	40.7	58.2	115.7	116.5	116.2	114.5	116.5	116.3	115.5	120.3	126.7	127.5	121.4	103.8	93.8	109.1	323.8	649.3	0.9
0:31:06	0:04:00	22.0	22.2	30.1	39.8	57.2	115.5	116.3	116.0	114.4	116.4	116.2	115.3	120.3	126.8	127.5	121.3	101.0	95.3	109.0	323.8	649.3	0.9
0:32:07	0:05:00	20.7	20.9	30.1	38.5	55.4	115.4	116.2	115.9	114.2	116.3	116.1	115.3	120.6	127.5	127.4	121.2	98.6	96.4	109.0	323.9	649.3	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/15/2015 00:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:14	0:05:08	20.5	20.6	30.1	38.4	55.4	115.4	116.2	115.9	114.2	116.3	116.1	115.3	120.3	126.4	127.4	121.2	98.4	96.5	109.0	323.9	649.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.8 MAX GAS TEMP: 113.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.4 MIN GAS TEMP: 098.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL N2 WASH(1) (Loop:2/5) 06/15/2015 00:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:14	0:00:00	20.5	20.6	30.1	38.4	55.4	115.4	116.2	115.9	114.2	116.3	116.1	115.3	120.3	126.4	127.4	121.2	98.4	96.5	109.0	323.9	649.3	0.9
0:33:14	0:01:00	21.8	22.0	30.1	39.8	56.0	116.3	117.1	116.8	115.1	117.2	117.1	116.2	120.3	126.5	127.3	121.1	102.7	95.1	108.9	323.9	649.3	0.9
0:34:14	0:02:00	23.2	23.3	30.1	40.7	56.5	116.8	117.6	117.3	115.6	117.7	117.6	116.9	120.4	126.7	127.4	121.0	108.9	93.4	109.0	323.8	649.3	0.9
0:35:14	0:03:00	24.6	24.7	30.1	41.2	56.6	117.2	118.0	117.6	116.0	118.0	117.8	117.2	120.3	126.6	127.3	120.8	111.5	91.7	108.9	323.8	649.3	0.9
0:36:14	0:04:00	25.9	26.1	30.1	41.6	57.0	117.3	118.1	117.7	116.2	118.2	118.0	117.5	120.6	127.2	127.2	120.7	112.5	90.3	109.0	323.8	649.3	0.9
0:37:15	0:05:00	27.3	27.5	30.1	41.6	56.7	117.5	118.3	117.9	116.4	118.3	118.1	117.6	120.4	127.2	127.1	120.7	112.9	89.1	108.9	323.9	649.3	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/15/2015 00:51:57

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000219

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
0:37:24	0:05:09	27.5	27.7	30.1	41.6	56.7	117.5	118.3	117.9	116.4	118.3	118.1	117.6	120.1	125.9	127.0	120.6	112.9	88.9	108.9	323.9	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.4 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.0 MIN GAS TEMP: 098.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL EVACUATION(2) (Loop:2/5) 06/15/2015 00:51:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:24	0:00:00	27.5	27.7	30.1	41.6	56.7	117.5	118.3	117.9	116.4	118.3	118.1	117.6	120.1	125.9	127.0	120.6	112.9	88.9	108.9	323.9	649.3	0.9
0:38:24	0:01:00	26.1	26.3	30.1	39.8	55.5	116.6	117.4	117.0	115.5	117.5	117.2	116.6	120.3	126.3	127.0	120.5	110.6	92.3	108.9	323.8	649.3	0.9
0:39:24	0:02:00	24.8	25.0	30.1	38.5	54.3	116.2	116.9	116.6	115.0	116.9	116.7	116.1	120.3	126.7	127.0	120.4	107.4	94.7	108.8	323.8	649.3	0.9
0:40:24	0:03:00	23.4	23.6	30.1	37.1	52.8	115.9	116.6	116.3	114.7	116.7	116.6	115.8	120.6	127.4	126.9	120.4	104.6	96.2	108.9	323.8	649.3	0.9
0:41:24	0:04:00	22.0	22.2	30.1	36.6	52.4	115.7	116.5	116.1	114.5	116.6	116.4	115.7	120.4	127.5	126.9	120.3	102.0	97.2	108.9	323.9	649.3	0.9
0:42:24	0:05:00	20.7	20.9	30.1	35.3	50.5	115.6	116.4	116.0	114.4	116.4	116.3	115.5	120.6	128.0	126.8	120.2	99.8	98.0	108.9	323.8	649.3	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/15/2015 00:57:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:34	0:05:10	20.5	20.6	30.1	35.3	50.5	115.6	116.4	116.0	114.4	116.4	116.3	115.5	120.5	126.9	126.8	120.2	99.4	98.0	108.9	323.9	649.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.1 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.8 MIN GAS TEMP: 099.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.2

INITIAL N2 WASH(1) (Loop:3/5) 06/15/2015 00:57:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:34	0:00:00	20.5	20.6	30.1	35.3	50.5	115.6	116.4	116.0	114.4	116.4	116.3	115.5	120.5	126.9	126.8	120.2	99.4	98.0	108.9	323.9	649.3	0.9
0:43:34	0:01:00	21.8	22.0	30.1	36.6	51.2	116.5	117.3	117.0	115.3	117.4	117.3	116.6	120.4	127.1	126.7	120.2	103.1	96.5	108.8	323.8	649.3	0.9
0:44:34	0:02:00	23.2	23.3	30.1	38.0	52.4	117.1	117.8	117.5	115.9	117.9	117.8	117.2	120.3	126.8	126.7	120.0	108.6	94.8	108.8	323.9	649.3	0.9
0:45:34	0:03:00	24.5	24.7	30.1	38.9	53.2	117.4	118.1	117.8	116.3	118.2	118.1	117.5	120.4	126.9	126.7	119.8	111.1	93.2	108.8	323.9	649.3	0.9
0:46:35	0:04:00	25.9	26.1	30.1	38.9	53.0	117.5	118.3	117.9	116.5	118.3	118.2	117.7	120.3	127.0	126.6	119.8	112.0	91.6	108.7	323.9	649.3	0.9
0:47:35	0:05:00	27.3	27.4	30.1	39.4	53.4	117.7	118.3	118.1	116.6	118.5	118.4	117.9	120.6	127.6	126.6	119.7	112.4	90.4	108.8	323.9	649.3	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/15/2015 01:02:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:43	0:05:08	27.5	27.7	30.1	39.4	53.4	117.7	118.3	118.1	116.6	118.5	118.3	117.9	120.3	126.1	126.6	119.6	112.3	90.2	108.8	323.9	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.8 MAX GAS TEMP: 112.4
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.6 MIN GAS TEMP: 099.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

INITIAL EVACUATION(2) (Loop:3/5) 06/15/2015 01:02:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000220

0:47:43	0:00:00	27.5	27.7	30.1	39.4	53.4	117.7	118.3	118.1	116.6	118.5	118.3	117.9	120.3	126.1	126.6	119.6	112.3	90.2	108.8	323.9	649.3	0.9
0:48:43	0:01:00	26.2	26.3	30.1	38.0	52.7	116.8	117.6	117.2	115.8	117.6	117.4	116.9	120.3	126.6	126.6	119.6	110.3	93.2	108.7	323.9	649.3	0.9
0:49:43	0:02:00	24.8	24.9	30.1	36.2	50.9	116.3	117.1	116.7	115.2	117.1	116.9	116.3	120.5	127.1	126.5	119.5	107.3	95.3	108.8	323.9	649.3	0.9
0:50:43	0:03:00	23.4	23.5	30.1	35.3	50.0	116.0	116.8	116.4	114.9	116.8	116.7	116.0	120.3	127.2	126.4	119.3	104.5	96.7	108.7	323.8	649.3	0.9
0:51:44	0:04:00	22.1	22.2	30.1	34.8	49.4	115.9	116.7	116.3	114.8	116.7	116.6	115.9	120.6	127.7	126.3	119.3	102.1	97.5	108.7	323.8	649.3	0.9
0:52:44	0:05:00	20.7	20.8	30.1	33.9	48.3	115.9	116.6	116.3	114.7	116.6	116.4	115.7	120.4	127.9	126.3	119.3	100.0	98.1	108.7	323.8	649.3	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/15/2015 01:07:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:51	0:05:00	20.5	20.6	30.1	33.9	48.3	115.8	116.6	116.2	114.6	116.7	116.4	115.7	120.4	127.1	126.3	119.3	99.7	98.3	108.7	323.8	649.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.6 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.7 DRM1 END: 323.8 DRM2 END: 649.3 MIN PRE TEMP: 126.3 MIN GAS TEMP: 099.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:4/5) 06/15/2015 01:07:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:51	0:00:00	20.5	20.6	30.1	33.9	48.3	115.8	116.6	116.2	114.6	116.7	116.4	115.7	120.4	127.1	126.3	119.3	99.7	98.3	108.7	323.8	649.3	0.9
0:53:51	0:01:00	21.8	22.0	30.1	35.3	49.1	116.7	117.4	117.1	115.6	117.5	117.4	116.7	120.4	127.3	126.3	119.3	102.8	96.9	108.6	323.8	649.3	0.9
0:54:51	0:02:00	23.1	23.3	30.1	36.2	49.5	117.3	118.1	117.7	116.2	118.1	118.0	117.5	120.6	127.7	126.3	119.1	108.1	95.2	108.7	323.8	649.3	0.9
0:55:51	0:03:00	24.5	24.7	30.1	37.0	50.4	117.5	118.3	117.9	116.5	118.3	118.2	117.7	120.3	127.5	126.2	121.3	110.5	93.6	110.2	323.8	649.3	0.9
0:56:51	0:04:00	26.0	26.1	30.1	37.1	50.3	117.6	118.3	118.0	116.6	118.5	118.4	118.0	120.6	127.9	126.1	122.2	112.6	92.0	109.0	323.8	649.3	0.9
0:57:51	0:05:00	27.3	27.4	30.1	38.0	51.3	117.8	118.6	118.2	116.8	118.6	118.5	118.2	120.4	127.8	126.0	122.2	113.8	90.7	109.0	323.9	649.3	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/15/2015 01:12:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:00	0:05:00	27.5	27.7	30.1	37.1	50.1	117.8	118.6	118.2	116.8	118.7	118.5	118.2	120.3	126.9	126.0	122.2	113.9	90.6	109.0	323.9	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.7 DRM1 START: 323.8 DRM2 START: 649.3 MAX PRE TEMP: 126.4 MAX GAS TEMP: 113.9
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.6 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.0 MIN GAS TEMP: 099.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:4/5) 06/15/2015 01:12:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:00	0:00:00	27.5	27.7	30.1	37.1	50.1	117.8	118.6	118.2	116.8	118.7	118.5	118.2	120.3	126.9	126.0	122.2	113.9	90.6	109.0	323.9	649.3	0.9
0:59:00	0:01:00	26.1	26.3	30.1	36.2	50.0	117.0	117.7	117.3	116.0	117.8	117.5	117.1	120.3	126.8	126.0	122.1	111.8	93.4	108.9	323.9	649.3	0.9
1:00:00	0:02:00	24.8	25.0	30.1	34.8	48.7	116.5	117.2	116.9	115.5	117.3	117.1	116.6	120.5	127.2	126.0	122.0	108.7	95.4	108.9	323.9	649.3	0.9
1:01:00	0:03:00	23.4	23.6	30.1	34.4	48.4	116.3	116.9	116.6	115.2	117.0	116.8	116.2	120.4	127.3	126.0	121.9	105.9	96.7	108.9	323.9	649.3	0.9
1:02:00	0:04:00	22.0	22.2	30.1	33.5	47.3	116.1	116.9	116.5	115.0	116.9	116.7	116.1	120.5	127.5	126.0	121.9	103.4	97.7	109.0	323.9	649.3	0.9
1:03:01	0:05:00	20.7	20.9	30.1	33.0	46.8	116.0	116.7	116.4	114.8	116.7	116.4	115.9	120.3	127.2	125.8	121.8	101.1	98.3	109.0	323.9	649.3	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/15/2015 01:17:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:10	0:05:10	20.5	20.6	30.1	32.9	46.7	116.0	116.7	116.4	114.8	116.7	116.6	115.9	120.0	125.9	125.8	121.8	100.8	98.3	109.0	323.8	649.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.1 MAX GAS TEMP: 114.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000221

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 323.8 DRM2 END: 649.3 MIN PRE TEMP: 125.8 MIN GAS TEMP: 100.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.7

INITIAL N2 WASH(1) (Loop:5/5) 06/15/2015 01:17:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:10	0:00:00	20.5	20.6	30.1	32.9	46.7	116.0	116.7	116.4	114.8	116.7	116.6	115.9	120.0	125.9	125.8	121.8	100.8	98.3	109.0	323.8	649.3	0.9
1:04:10	0:01:00	21.8	22.0	30.1	34.4	47.6	116.9	117.6	117.3	115.8	117.6	117.6	117.0	120.3	126.2	125.9	121.7	104.2	96.9	108.9	323.8	649.3	0.9
1:05:11	0:02:00	23.2	23.4	30.1	35.3	48.2	117.4	118.1	117.8	116.4	118.2	118.1	117.6	120.3	126.2	125.9	121.5	109.7	95.2	108.9	323.8	649.3	0.9
1:06:11	0:03:00	24.6	24.7	30.1	35.7	48.4	117.7	118.3	118.1	116.7	118.5	118.4	118.0	120.4	126.5	125.9	121.5	112.4	93.7	108.9	323.9	649.3	0.9
1:07:11	0:04:00	25.9	26.1	30.1	36.2	48.8	117.9	118.6	118.2	116.9	118.6	118.5	118.2	120.3	126.7	125.7	121.4	113.4	92.1	108.9	323.9	649.3	0.9
1:08:11	0:05:00	27.3	27.4	30.1	36.2	48.7	118.0	118.7	118.3	117.0	118.8	118.7	118.4	120.6	127.4	125.7	121.3	113.7	90.9	108.9	323.8	649.3	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/15/2015 01:22:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:19	0:05:09	27.5	27.7	30.1	36.2	48.7	118.0	118.7	118.3	117.1	118.8	118.7	118.4	120.3	125.8	125.7	121.2	113.6	90.7	108.8	323.9	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.8 DRM1 START: 323.8 DRM2 START: 649.3 MAX PRE TEMP: 125.9 MAX GAS TEMP: 113.7
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.7 MIN GAS TEMP: 100.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL EVACUATION(2) (Loop:5/5) 06/15/2015 01:22:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:19	0:00:00	27.5	27.7	30.1	36.2	48.7	118.0	118.7	118.3	117.1	118.8	118.7	118.4	120.3	125.8	125.7	121.2	113.6	90.7	108.8	323.9	649.3	0.9
1:09:19	0:01:00	26.2	26.3	30.1	35.3	48.5	117.1	117.8	117.5	116.2	118.0	117.7	117.4	120.3	126.1	125.6	121.1	111.5	93.3	108.8	323.9	649.3	0.9
1:10:19	0:02:00	24.8	24.9	30.0	33.9	47.3	116.6	117.3	116.9	115.6	117.4	117.2	116.7	120.3	126.3	125.7	121.0	108.5	95.5	108.9	323.8	649.3	0.9
1:11:19	0:03:00	23.4	23.5	30.0	33.5	47.0	116.4	117.1	116.7	115.4	117.2	116.9	116.5	120.3	126.1	125.6	121.0	105.8	96.8	108.9	323.8	649.3	0.9
1:12:20	0:04:00	22.0	22.2	30.0	32.5	45.9	116.2	116.9	116.6	115.2	117.0	116.8	116.3	120.3	126.3	125.5	120.9	103.3	97.7	108.8	323.9	649.3	0.9
1:13:20	0:05:01	20.7	20.8	30.0	32.0	45.2	116.1	116.9	116.5	115.0	116.9	116.7	116.1	120.5	127.1	125.4	120.8	101.1	98.4	108.8	323.9	649.3	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/15/2015 01:28:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:28	0:05:09	20.5	20.6	30.0	32.1	45.4	116.1	116.9	116.5	115.0	116.9	116.7	116.1	120.3	125.6	125.4	120.9	100.9	98.4	108.8	323.9	649.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.7 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.4 MIN GAS TEMP: 100.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

HUMIDIFICATION(1) 06/15/2015 01:28:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:28	0:00:00	20.5	20.6	30.0	32.1	45.4	116.1	116.9	116.5	115.0	116.9	116.7	116.1	120.3	125.6	125.4	120.9	100.9	98.4	108.8	323.9	649.3	0.9
1:14:28	0:01:00	20.6	20.8	30.0	33.5	46.8	116.6	117.1	117.0	115.6	117.2	117.4	116.9	119.6	123.9	125.4	120.7	98.9	97.0	108.8	323.9	649.3	0.9
1:15:28	0:02:00	20.8	21.0	30.0	39.4	54.5	116.9	117.2	117.5	116.1	117.3	117.8	117.4	119.4	123.5	125.4	120.7	97.2	95.2	108.7	323.9	649.3	0.9
1:16:28	0:03:00	21.0	21.2	30.0	46.7	64.2	117.2	117.4	117.8	116.4	117.5	118.1	117.7	119.4	123.4	125.2	120.7	95.6	93.6	108.7	323.8	649.3	0.9
1:17:29	0:04:00	21.2	21.3	30.0	53.9	73.8	117.3	117.4	118.0	116.6	117.6	118.4	118.0	118.2	119.7	125.2	120.5	94.2	92.1	108.7	323.9	649.3	0.9

HUMIDIFICATION(1) SUMMARY 06/15/2015 01:32:04

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000222

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:31	0:04:02	21.2	21.4	30.0	53.9	73.8	117.3	117.4	118.0	116.6	117.6	118.4	118.0	118.2	119.6	125.2	120.5	94.2	92.0	108.7	323.8	649.3	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.4 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.5 MAX GAS TEMP: 100.9
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 116.1 DRM1 END: 323.8 DRM2 END: 649.3 MIN PRE TEMP: 125.2 MIN GAS TEMP: 094.2
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

HUMIDIFICATION DWELL(1) 06/15/2015 01:32:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:31	0:00:00	21.2	21.4	30.0	53.9	73.8	117.3	117.4	118.0	116.6	117.6	118.4	118.0	118.2	119.6	125.2	120.5	94.2	92.0	108.7	323.8	649.3	0.9
1:19:31	0:02:00	21.3	21.4	30.0	63.9	86.7	117.7	117.8	118.4	116.9	117.9	118.7	118.3	118.3	120.6	125.1	132.5	92.0	89.5	110.7	323.8	649.3	0.9
1:21:31	0:04:00	21.2	21.4	30.0	65.7	89.1	117.7	117.8	118.4	116.9	118.0	118.7	118.2	118.3	120.9	125.0	132.3	90.0	87.4	110.0	323.9	649.3	0.8
1:23:31	0:06:00	21.2	21.4	30.0	64.8	87.9	117.7	117.8	118.4	116.8	118.1	118.6	118.1	118.3	121.1	125.0	132.1	88.5	85.8	110.1	323.8	649.3	0.9
1:25:31	0:08:00	21.2	21.3	30.0	63.9	86.7	117.7	118.0	118.3	116.8	118.1	118.6	118.0	118.4	121.4	124.9	131.9	87.3	84.5	110.1	323.9	649.3	0.9
1:27:31	0:10:00	21.2	21.3	30.0	63.0	85.5	117.7	118.0	118.3	116.8	118.1	118.5	118.0	118.4	121.4	124.7	131.8	86.3	83.5	110.2	323.8	649.3	0.9
1:29:31	0:12:01	21.1	21.3	30.0	62.1	84.3	117.7	118.1	118.3	116.7	118.1	118.5	118.0	118.4	121.3	124.7	131.6	85.4	82.6	110.3	323.9	649.3	0.9
1:31:31	0:14:01	21.1	21.3	30.0	61.6	83.8	117.6	118.0	118.2	116.6	118.1	118.5	117.9	118.3	121.0	124.6	131.4	84.7	81.8	110.3	323.8	649.3	0.9
1:33:32	0:16:01	21.1	21.3	30.0	60.7	82.4	117.7	118.1	118.3	116.7	118.2	118.6	118.0	118.3	120.9	124.5	131.2	84.1	81.1	110.3	323.8	649.3	0.9
1:35:32	0:18:01	21.1	21.3	30.0	60.3	81.9	117.6	118.1	118.2	116.6	118.2	118.5	118.0	118.2	120.7	124.3	130.9	83.4	80.5	110.3	323.8	649.3	0.9
1:37:32	0:20:01	21.1	21.3	30.0	59.8	81.2	117.6	118.2	118.2	116.6	118.2	118.5	117.9	118.2	120.6	124.2	130.8	83.1	80.1	110.3	323.8	649.3	0.9
1:39:32	0:22:01	21.1	21.3	30.0	59.4	80.7	117.6	118.1	118.2	116.6	118.2	118.5	117.9	118.2	120.6	124.2	130.6	82.7	79.8	110.4	323.8	649.3	0.9
1:41:32	0:24:01	21.1	21.3	30.0	58.9	80.0	117.6	118.2	118.2	116.6	118.2	118.5	117.9	118.1	120.5	129.5	130.4	82.3	79.4	110.3	323.9	649.3	0.9
1:43:32	0:26:01	21.1	21.3	30.0	58.5	79.4	117.6	118.1	118.2	116.6	118.2	118.4	117.9	118.0	120.2	129.5	130.2	81.9	79.1	110.3	323.9	649.3	0.9
1:45:32	0:28:01	21.1	21.3	30.0	58.0	78.9	117.6	118.1	118.2	116.5	118.2	118.5	117.9	118.0	120.1	129.4	130.1	81.7	78.9	110.3	323.8	649.3	0.9
1:47:32	0:30:02	21.1	21.3	30.0	58.0	78.8	117.6	118.2	118.2	116.6	118.2	118.4	117.9	117.8	120.7	129.3	129.9	81.4	78.6	110.3	323.8	649.3	0.9
1:49:32	0:32:02	21.1	21.3	30.0	57.5	78.2	117.6	118.2	118.2	116.6	118.3	118.5	117.9	118.1	122.2	129.3	129.8	81.2	78.4	110.2	323.8	649.3	0.9
1:51:33	0:34:02	21.1	21.3	30.0	57.5	78.1	117.6	118.2	118.2	116.6	118.2	118.4	117.8	118.8	124.8	129.2	129.6	80.9	78.3	110.3	323.8	649.3	0.9
1:53:33	0:36:02	21.1	21.3	30.0	57.1	77.5	117.6	118.2	118.2	116.6	118.2	118.4	117.8	119.2	126.2	129.1	129.3	80.7	78.1	110.2	323.9	649.3	0.9
1:55:33	0:38:02	21.1	21.3	30.0	56.6	77.1	117.6	118.2	118.1	116.5	118.3	118.5	117.8	119.8	127.1	129.0	129.2	80.6	78.0	110.2	323.8	649.3	0.9
1:57:33	0:40:02	21.1	21.3	30.0	56.6	76.8	117.7	118.3	118.2	116.6	118.3	118.4	117.8	119.8	126.9	128.9	129.1	80.4	77.8	110.1	323.8	649.3	0.9
1:59:33	0:42:02	21.1	21.3	30.0	56.2	76.2	117.7	118.3	118.2	116.6	118.3	118.4	117.8	119.9	126.9	128.8	132.3	80.3	77.7	110.5	323.9	649.3	0.9
2:01:33	0:44:02	21.1	21.3	30.0	56.2	76.3	117.6	118.3	118.2	116.5	118.3	118.5	117.8	119.9	126.5	128.8	132.1	80.1	77.6	110.5	323.9	649.3	0.9
2:03:33	0:46:02	21.1	21.3	30.0	55.7	75.6	117.7	118.3	118.2	116.6	118.3	118.5	117.8	119.8	126.0	128.7	131.9	79.9	77.5	110.5	323.9	649.3	0.9
2:05:33	0:48:03	21.1	21.3	30.0	55.7	75.7	117.6	118.3	118.2	116.5	118.4	118.5	117.9	119.6	125.3	128.5	131.8	79.8	77.4	110.5	323.8	649.3	0.8
2:07:33	0:50:03	21.1	21.3	30.0	55.7	75.6	117.7	118.3	118.2	116.6	118.4	118.5	117.9	119.3	124.5	128.4	131.6	79.7	77.4	110.5	323.8	649.3	0.9
2:09:34	0:52:03	21.1	21.3	30.0	55.7	75.6	117.7	118.3	118.2	116.6	118.4	118.6	117.9	119.2	123.9	128.3	131.4	79.6	77.3	110.5	323.9	649.3	0.9
2:11:34	0:54:03	21.1	21.3	30.0	55.3	74.9	117.7	118.3	118.3	116.6	118.3	118.5	117.8	119.0	123.5	128.1	131.1	79.4	77.2	110.4	323.9	649.3	0.9
2:13:34	0:56:03	21.1	21.3	30.0	55.3	75.0	117.7	118.3	118.2	116.6	118.3	118.5	117.8	118.8	122.9	128.1	130.9	79.4	77.2	110.4	323.9	649.3	0.9
2:15:34	0:58:03	21.1	21.3	30.0	54.8	74.4	117.7	118.3	118.2	116.6	118.4	118.6	117.9	118.7	122.3	128.1	130.8	79.3	77.2	110.4	323.9	649.3	0.9

HUMIDIFICATION DWELL(1) SUMMARY 06/15/2015 02:32:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:31	1:00:00	21.1	21.3	30.0	54.8	74.2	117.7	118.3	118.3	116.6	118.4	118.5	117.9	118.4	121.9	127.9	130.6	79.2	77.1	110.4	323.9	649.3	0.9

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.8 DRM1 START: 323.8 DRM2 START: 649.3 MAX PRE TEMP: 129.9 MAX GAS TEMP: 094.2
END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.5 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 079.2
PRESS CHANGE: 000.1 ETO USED 1: -000.1 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

INITIAL EVACUATION(3) 06/15/2015 02:32:04

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000223

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:31	0:00:00	21.1	21.3	30.0	54.8	74.2	117.7	118.3	118.3	116.6	118.4	118.5	117.9	118.4	121.9	127.9	130.6	79.2	77.1	110.4	323.9	649.3	0.9

INITIAL EVACUATION(3) SUMMARY 06/15/2015 02:32:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:00	0:00:29	20.5	20.7	30.0	54.3	74.2	117.4	118.1	118.0	116.3	118.2	118.3	117.6	119.8	127.9	127.9	130.5	79.2	81.6	110.4	323.9	649.3	0.9

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.9 MAX GAS TEMP: 079.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.9 MIN GAS TEMP: 079.1
PRESS CHANGE: 000.6 ETO USED 1: 000.1 ETO USED 2: 000.0 MAX VAP TEMP: 130.6
EO USED PHASE: 000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 130.5

STERILANT INJECTION(1) 06/15/2015 02:32:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:00	0:00:00	20.5	20.7	30.0	54.3	74.2	117.4	118.1	118.0	116.3	118.2	118.3	117.6	119.8	127.9	127.9	130.5	79.2	81.6	110.4	323.9	649.3	0.9
2:19:00	0:01:00	21.2	21.4	30.0	54.8	74.4	117.6	118.2	118.2	116.6	118.3	118.5	117.8	118.9	122.7	127.9	129.7	110.9	81.2	110.4	323.9	641.1	0.8
2:20:00	0:02:00	22.0	22.1	30.0	57.1	77.5	117.6	118.2	118.2	116.6	118.3	118.6	118.0	118.4	123.7	127.7	129.0	112.7	80.6	110.3	323.9	641.1	38.5
2:21:00	0:03:00	22.6	22.8	30.0	59.8	82.1	117.2	117.7	117.9	116.2	117.8	118.2	117.6	118.9	123.1	127.5	131.8	116.3	80.1	110.8	323.9	641.2	92.7
2:22:00	0:04:00	23.2	23.4	30.0	61.6	84.6	117.2	117.7	117.8	116.2	117.8	118.1	117.6	118.8	124.7	127.4	130.9	114.2	79.7	110.6	323.9	641.2	148.4
2:23:00	0:05:00	23.9	24.1	30.0	63.0	86.2	117.3	117.8	117.9	116.4	117.8	118.1	117.6	118.9	123.0	127.2	130.0	111.2	79.3	110.4	323.9	640.8	201.1
2:24:00	0:06:01	24.6	24.8	30.0	65.2	89.5	117.2	117.7	117.8	116.3	117.8	118.1	117.6	118.9	125.4	127.1	129.1	111.1	79.1	110.4	323.9	639.1	256.8
2:25:00	0:07:01	25.3	25.4	30.0	66.6	91.1	117.4	117.8	117.9	116.5	117.9	118.2	117.7	118.8	122.8	126.9	131.6	115.4	78.9	112.0	323.9	635.8	311.1
2:26:00	0:08:01	25.9	26.1	30.0	68.0	92.9	117.4	117.8	117.9	116.5	118.0	118.3	117.8	118.9	125.7	126.7	130.7	118.1	78.7	110.7	323.9	634.1	363.9
2:27:01	0:09:01	26.6	26.8	30.0	69.8	94.8	117.6	118.1	118.1	116.7	118.2	118.4	117.9	118.9	122.8	126.5	129.6	113.6	78.5	110.6	323.8	632.9	419.6
2:28:01	0:10:01	27.3	27.5	30.0	71.6	97.2	117.7	118.2	118.2	116.7	118.3	118.5	118.0	119.2	126.1	126.3	129.8	116.0	78.3	111.3	323.8	630.5	472.5
2:29:01	0:11:01	28.0	28.1	30.0	73.4	99.3	117.8	118.3	118.3	116.9	118.4	118.6	118.1	118.8	122.6	126.1	131.2	118.0	78.3	111.0	323.8	628.2	525.2

STERILANT INJECTION(1) SUMMARY 06/15/2015 02:43:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:02	0:11:02	28.0	28.2	30.0	73.4	99.3	117.8	118.3	118.3	116.9	118.4	118.5	118.1	118.8	122.5	126.1	131.2	118.1	78.2	111.0	323.8	628.2	526.7

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.0 MAX GAS TEMP: 118.9
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.1 MIN GAS TEMP: 108.8
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 021.1 MAX VAP TEMP: 131.9
EO USED PHASE: 021.2 EO USED CYCLE:021.2 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/15/2015 02:43:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:02	0:00:00	28.0	28.2	30.0	73.4	99.3	117.8	118.3	118.3	116.9	118.4	118.5	118.1	118.8	122.5	126.1	131.2	118.1	78.2	111.0	323.8	628.2	526.7
2:30:02	0:01:00	28.7	28.9	30.0	74.3	100.0	117.9	118.3	118.3	117.0	118.5	118.6	118.2	119.6	126.9	125.8	130.4	117.9	78.0	110.7	323.8	628.2	576.5

N2 BLANKET(1) SUMMARY 06/15/2015 02:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:30	0:01:28	29.0	29.2	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	119.8	125.6	125.7	130.3	118.0	78.0	110.7	323.8	628.2	590.1

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.7 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.1 MAX GAS TEMP: 118.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000224

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 118.1 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.7 MIN GAS TEMP: 117.8
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.2
EO USED PHASE: 000.1 EO USED CYCLE:021.2 MIN VAP TEMP: 130.3

EXPOSURE (1) 06/15/2015 02:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:30	0:00:00	29.0	29.2	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	119.8	125.6	125.7	130.3	118.0	78.0	110.7	323.8	628.2	590.1
2:31:30	0:01:00	29.0	29.1	30.0	74.3	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.1	118.1	120.6	125.5	130.3	116.2	77.8	110.7	323.8	628.2	596.1
2:32:30	0:02:00	28.9	29.1	30.0	73.4	99.3	117.8	118.3	118.2	116.9	118.5	118.5	118.0	119.6	125.5	125.3	130.2	113.4	77.7	110.7	323.8	628.2	591.6
2:33:31	0:03:00	28.9	29.1	30.0	73.4	99.3	117.8	118.3	118.2	116.9	118.5	118.5	118.1	118.1	120.5	125.1	130.1	110.7	77.6	110.6	323.8	628.2	584.0
2:34:31	0:04:00	28.9	29.0	30.0	73.4	99.0	117.9	118.5	118.3	117.0	118.5	118.5	118.1	119.8	125.7	124.8	130.1	108.4	77.5	110.6	323.8	628.2	578.0
2:35:31	0:05:00	28.8	29.0	30.0	73.0	98.2	118.0	118.6	118.3	117.1	118.6	118.6	118.1	118.1	120.6	124.6	129.9	106.0	77.4	110.6	323.8	628.2	568.9
2:36:31	0:06:01	28.8	29.0	30.0	73.0	98.4	117.9	118.5	118.3	117.0	118.6	118.7	118.2	120.0	126.6	124.4	129.9	103.9	77.3	110.6	323.8	628.2	561.4
2:37:31	0:07:01	28.7	28.9	30.0	73.0	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.1	118.2	120.9	124.2	129.7	101.9	77.2	110.6	323.8	628.2	553.8
2:38:31	0:08:01	28.7	28.9	30.0	72.9	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.2	117.5	118.7	124.3	129.7	100.2	77.2	110.6	323.8	628.2	547.8
BEGIN GAS ADDITION (1) (gbonilla) 06/15/2015 02:53:33																							
2:38:59	0:08:29	28.7	28.9	30.0	72.9	98.5	117.9	118.5	118.2	117.0	118.6	118.6	118.1	119.0	126.0	128.9	129.6	99.4	77.1	110.5	323.8	628.2	544.8
END GAS ADDITION (1) (gbonilla) 06/15/2015 02:53:45																							
2:39:12	0:08:42	29.0	29.2	30.0	73.0	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.2	120.0	127.9	129.2	129.6	99.3	77.1	110.5	323.8	628.2	543.3
2:39:31	0:09:01	29.0	29.2	30.0	73.4	98.8	118.0	118.6	118.4	117.1	118.7	118.7	118.3	119.8	126.0	129.2	129.6	100.2	77.1	110.6	323.8	628.2	546.3
2:40:31	0:10:01	29.0	29.2	30.0	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.7	118.2	118.0	120.6	128.8	129.5	99.1	77.0	110.5	323.8	628.2	537.2
2:41:31	0:11:01	29.0	29.1	30.0	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.7	118.2	117.3	118.4	128.7	129.4	97.6	77.0	110.5	323.8	628.2	528.2
2:42:32	0:12:01	28.9	29.1	30.0	73.0	98.5	117.9	118.5	118.2	117.0	118.5	118.5	118.1	120.0	128.0	128.3	129.2	96.2	76.9	110.5	323.8	628.2	522.2
2:43:32	0:13:01	28.9	29.1	30.0	73.0	98.5	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.2	121.6	128.3	129.2	95.1	76.9	110.4	323.8	628.2	514.6
2:44:32	0:14:01	28.9	29.1	30.0	73.0	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.2	120.0	128.1	128.1	129.1	94.0	76.8	110.5	323.8	628.2	510.1
2:45:32	0:15:02	28.9	29.0	30.0	73.0	98.2	118.0	118.6	118.3	117.1	118.6	118.6	118.1	118.3	121.8	127.9	129.1	93.0	76.8	110.4	323.8	628.2	505.6
2:46:32	0:16:02	28.9	29.0	30.0	72.9	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.2	119.2	126.8	127.8	129.0	92.0	76.8	110.4	323.8	628.2	498.1
2:47:32	0:17:02	28.8	29.0	30.0	72.9	98.0	118.0	118.7	118.4	117.1	118.8	118.8	118.3	123.2	138.1	127.7	132.1	91.0	76.8	111.4	323.8	628.2	495.0
2:48:32	0:18:02	28.8	29.0	30.0	73.0	97.3	118.3	118.9	118.7	117.4	119.1	119.0	118.5	121.4	129.7	127.5	132.1	90.3	76.7	110.8	323.8	628.2	492.0
2:49:32	0:19:02	28.8	29.0	30.0	73.0	97.5	118.3	118.8	118.6	117.4	119.0	118.9	118.5	117.2	117.3	127.4	132.1	89.6	76.6	110.8	323.8	628.2	487.5
2:50:32	0:20:02	28.8	29.0	30.0	73.0	97.7	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.4	115.1	127.4	131.9	88.9	76.7	110.8	323.8	628.2	482.9
2:51:33	0:21:02	28.8	28.9	30.0	73.0	98.1	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.3	115.3	127.2	131.9	88.3	76.7	110.8	323.8	628.2	481.5
2:52:33	0:22:02	28.8	28.9	30.0	73.0	98.5	117.9	118.3	118.3	117.0	118.5	118.6	118.2	116.1	115.6	127.1	131.8	87.8	76.6	110.7	323.8	628.2	477.0
2:53:33	0:23:02	28.7	28.9	30.0	73.0	98.4	117.9	118.5	118.3	117.0	118.6	118.6	118.2	119.8	127.2	127.0	131.8	87.2	76.4	110.7	323.8	628.2	472.5
2:54:33	0:24:02	28.7	28.9	30.0	73.0	98.6	117.8	118.3	118.2	117.0	118.5	118.5	118.2	117.6	120.7	126.9	131.6	86.5	76.6	110.7	323.8	628.2	470.9
BEGIN GAS ADDITION (1) (gbonilla) 06/15/2015 03:09:53																							
2:55:20	0:24:50	28.7	28.9	30.0	73.0	98.5	117.9	118.5	118.2	117.0	118.6	118.6	118.2	120.0	127.8	126.9	131.6	86.3	76.6	110.7	323.8	628.2	467.9
END GAS ADDITION (2) (gbonilla) 06/15/2015 03:10:06																							
2:55:33	0:25:03	29.0	29.2	30.0	73.0	98.1	118.0	118.6	118.4	117.1	118.7	118.7	118.3	119.6	126.0	126.8	131.6	86.8	76.6	110.7	323.8	628.2	467.9
2:56:33	0:26:03	29.0	29.2	30.0	73.4	98.7	118.0	118.6	118.4	117.2	118.6	118.7	118.3	116.6	117.2	126.8	131.4	89.9	76.6	110.7	323.8	628.2	469.3
2:57:33	0:27:03	29.0	29.2	30.0	72.9	98.7	117.8	118.3	118.2	116.9	118.6	118.6	118.3	116.5	120.3	126.6	131.2	89.0	76.6	110.7	323.8	628.2	461.9
2:58:33	0:28:03	29.0	29.2	30.0	72.9	98.6	117.8	118.3	118.2	117.0	118.5	118.5	118.2	119.0	125.3	126.5	131.2	88.3	76.6	110.7	323.8	628.2	458.8
2:59:34	0:29:03	29.0	29.1	30.0	72.5	98.0	117.8	118.3	118.2	117.0	118.5	118.6	118.2	119.8	128.6	126.4	131.1	87.6	76.6	110.6	323.8	628.2	455.8
3:00:34	0:30:03	29.0	29.1	30.0	72.5	97.8	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.0	121.5	126.3	131.1	86.9	76.6	110.7	323.8	628.2	451.2
3:01:34	0:31:03	28.9	29.1	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.2	119.3	125.5	126.2	130.9	86.3	76.6	110.6	323.8	628.2	449.8
3:02:34	0:32:04	28.9	29.1	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	117.8	120.3	126.1	130.8	85.8	76.6	110.6	323.8	628.2	446.7
3:03:34	0:33:04	28.9	29.1	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	119.6	125.8	126.1	130.7	85.3	76.6	110.6	323.8	628.2	443.8
3:04:34	0:34:04	28.9	29.1	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.4	126.0	130.6	84.8	76.6	110.7	323.8	628.1	442.2
3:05:34	0:35:04	28.9	29.1	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.2	123.7	125.9	130.5	84.4	76.6	110.6	323.8	628.2	440.7
3:06:34	0:36:04	28.9	29.1	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.7	118.7	118.3	120.0	126.9	125.8	130.5	84.1	76.6	110.6	323.8	628.2	439.2
3:07:34	0:37:04	28.9	29.1	30.0	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.7	118.3	118.2	121.0	125.7	130.4	83.8	76.6	110.6	323.8	628.2	436.1
3:08:35	0:38:04	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.3	118.6	125.6	130.2	83.4	76.6	110.6	323.8	628.2	434.6
3:09:35	0:39:04	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	124.0	125.5	130.2	83.1	76.6	110.6	323.8	628.2	433.3
3:10:35	0:40:04	28.9	29.0	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.7	118.7	118.3	120.1	127.3	125.3	130.1	82.8	76.4	110.6	323.8	628.2	431.7
3:11:35	0:41:05	28.8	29.0	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.7	118.7	118.3	118.2	121.1	125.3	130.0	82.6	76.6	110.6	323.8	628.2	428.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000225

3:12:35	0:42:05	28.8	29.0	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.3	118.7	125.2	129.9	82.3	76.6	110.6	323.8	628.2	427.1
3:13:35	0:43:05	28.8	29.0	30.0	72.5	97.8	117.9	118.5	118.3	117.0	118.6	118.5	118.2	117.8	122.7	125.1	129.9	82.1	76.4	110.5	323.8	628.2	427.2
3:14:35	0:44:05	28.8	29.0	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.7	118.7	118.3	119.3	125.2	125.0	129.7	81.9	76.6	110.5	323.8	628.2	424.1
3:15:35	0:45:05	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.7	120.1	125.0	129.6	81.7	76.4	110.5	323.8	628.1	422.6
3:16:36	0:46:05	28.8	29.0	30.0	72.5	97.7	117.9	118.5	118.3	117.1	118.6	118.7	118.3	117.1	119.2	124.9	129.6	81.4	76.6	110.5	323.8	628.2	419.6
3:17:36	0:47:05	28.8	29.0	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.7	118.7	118.3	121.9	134.8	124.7	129.4	81.3	76.4	110.5	323.8	628.2	419.6
3:18:36	0:48:05	28.8	29.0	30.0	72.5	97.0	118.2	118.8	118.6	117.2	118.9	118.8	118.4	122.1	132.4	124.7	129.4	81.2	76.4	110.5	323.8	628.2	418.1
3:19:36	0:49:05	28.8	29.0	30.0	72.5	96.9	118.2	118.8	118.6	117.3	119.0	118.9	118.5	117.3	118.2	124.7	129.3	81.0	76.6	110.5	323.8	628.2	416.6
3:20:36	0:50:06	28.8	28.9	30.0	72.5	97.3	118.1	118.7	118.5	117.2	118.9	118.8	118.4	116.2	115.1	124.5	129.2	80.9	76.6	110.4	323.8	628.2	415.1
3:21:36	0:51:06	28.8	28.9	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.6	118.7	118.3	116.1	115.2	124.3	129.1	80.8	76.4	110.3	323.8	628.2	413.6
3:22:36	0:52:06	28.7	28.9	30.0	72.5	97.7	117.9	118.5	118.3	117.1	118.5	118.5	118.2	116.3	118.7	124.3	129.1	80.6	76.4	110.3	323.8	628.2	412.1
3:23:36	0:53:06	28.7	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	119.2	125.6	124.2	131.6	80.5	76.6	112.0	323.8	628.2	412.1
3:24:36	0:54:06	28.7	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.4	128.3	124.2	132.1	80.4	76.6	110.7	323.8	628.2	410.5
3:25:37	0:55:06	28.7	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	122.4	126.6	132.1	80.3	76.4	110.6	323.8	628.2	409.0
3:26:37	0:56:06	28.7	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.6	128.4	129.1	131.9	80.2	76.4	110.7	323.8	628.2	407.6
3:27:37	0:57:06	28.7	28.9	30.0	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.8	118.4	123.4	138.6	128.8	131.8	80.1	76.4	110.7	323.8	628.2	406.0
3:28:37	0:58:07	28.7	28.9	30.0	72.1	96.2	118.3	118.9	118.6	117.4	119.0	118.9	118.5	120.6	127.6	128.7	131.8	80.0	76.4	110.7	323.8	628.2	406.1
3:29:37	0:59:07	28.7	28.9	30.0	72.1	96.2	118.3	118.9	118.6	117.4	119.0	118.9	118.5	116.8	116.6	128.6	131.6	80.0	76.4	110.7	323.8	628.2	406.0
	BEGIN GAS ADDITION (3) (gbonilla) 06/15/2015 03:44:57																						
3:30:24	0:59:54	28.7	28.9	30.0	72.1	96.5	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.3	115.1	128.4	131.6	79.9	76.4	110.7	323.8	628.2	404.6

EXPOSURE(1) SUMMARY 06/15/2015 03:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:30	1:00:00	28.8	29.0	30.0	72.1	96.5	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.3	115.1	128.4	131.6	79.9	76.4	110.7	323.8	628.2	404.6

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.1 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.3 MAX GAS TEMP: 118.1
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.0 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 122.9 MIN GAS TEMP: 079.8
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/15/2015 03:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:30	0:00:00	28.8	29.0	30.0	72.1	96.5	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.3	115.1	128.4	131.6	79.9	76.4	110.7	323.8	628.2	404.6
	END GAS ADDITION (3) (gbonilla) 06/15/2015 03:45:09																						
3:30:37	0:00:06	29.0	29.2	30.0	72.1	96.3	118.3	118.8	118.6	117.4	119.0	118.9	118.6	116.3	115.1	128.3	131.6	80.8	76.4	110.6	323.8	628.2	404.6
3:31:30	0:01:00	29.0	29.2	30.0	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.1	115.3	128.5	131.4	85.3	76.6	110.6	323.8	628.2	406.1
3:32:31	0:02:00	29.0	29.2	30.0	72.1	96.9	118.0	118.6	118.4	117.1	118.6	118.7	118.3	116.0	115.5	128.4	131.4	84.7	76.6	110.6	323.8	628.2	403.1
3:33:31	0:03:00	29.0	29.2	30.0	72.1	97.3	117.8	118.3	118.2	117.0	118.5	118.5	118.2	118.2	124.7	128.4	131.2	83.9	76.4	110.6	323.8	628.2	400.0
3:34:31	0:04:00	29.0	29.2	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.6	118.3	118.4	123.5	128.2	131.1	83.3	76.4	110.6	323.8	628.2	398.5
3:35:31	0:05:00	29.0	29.2	30.0	72.0	97.2	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	127.7	128.1	131.1	82.8	76.4	110.6	323.8	628.2	397.0
3:36:31	0:06:00	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.9	128.1	131.1	82.3	76.4	110.6	323.8	628.2	395.5
3:37:31	0:07:01	29.0	29.2	30.0	72.0	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	121.0	132.5	127.8	130.9	81.9	76.4	110.6	323.8	628.2	394.0
3:38:31	0:08:01	29.0	29.2	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.9	118.8	118.5	123.3	136.8	127.7	130.7	81.6	76.4	110.6	323.8	628.2	392.5
3:39:31	0:09:01	29.0	29.2	30.0	71.5	95.6	118.2	118.8	118.5	117.4	119.0	118.9	118.5	118.0	120.4	127.7	130.7	81.3	76.4	110.6	323.8	628.2	392.5
3:40:31	0:10:01	29.0	29.1	30.0	71.6	95.9	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.3	115.4	127.5	130.5	81.0	76.4	110.6	323.8	628.2	392.8
3:41:32	0:11:01	29.0	29.1	30.0	71.6	96.2	118.0	118.6	118.4	117.2	118.7	118.6	118.3	116.1	115.2	127.4	130.5	80.8	76.4	110.5	323.8	628.2	391.0
3:42:32	0:12:01	29.0	29.1	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.9	115.3	127.3	130.4	80.6	76.4	110.5	323.8	628.2	389.5
3:43:32	0:13:01	29.0	29.1	30.0	71.6	96.8	117.8	118.3	118.2	117.0	118.5	118.5	118.3	119.4	128.4	127.3	130.3	80.3	76.4	110.5	323.8	628.2	389.5
3:44:32	0:14:01	28.9	29.1	30.0	72.1	97.2	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.0	122.1	127.1	130.2	80.2	76.6	110.5	323.8	628.2	388.0
3:45:32	0:15:02	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	120.3	128.6	127.0	130.1	80.0	76.4	110.5	323.8	628.2	386.5
3:46:32	0:16:02	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.0	121.3	127.0	130.0	79.9	76.4	110.4	323.8	628.2	386.5
3:47:32	0:17:02	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.2	118.6	126.9	130.0	79.8	76.4	110.4	323.8	628.2	386.5
3:48:32	0:18:02	28.9	29.1	30.0	71.6	96.6	117.9	118.5	118.2	117.1	118.5	118.6	118.2	118.3	124.5	126.9	129.9	79.6	76.6	110.5	323.8	628.2	386.4
3:49:33	0:19:02	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.8	123.6	126.8	129.8	79.5	76.6	110.5	323.8	628.2	384.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000226

3:50:33	0:20:02	28.9	29.1	30.0	71.6	96.5	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.4	126.6	129.7	79.4	76.6	110.4	323.8	628.2	383.4
3:51:33	0:21:02	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.9	127.3	126.5	129.6	79.4	76.6	110.4	323.8	628.2	383.5
3:52:33	0:22:02	28.9	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.8	120.9	126.5	129.5	79.3	76.6	110.4	323.8	628.2	381.9
3:53:33	0:23:03	28.9	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.1	119.0	126.3	129.4	79.2	76.6	110.4	323.8	628.2	381.9
3:54:33	0:24:03	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	120.1	127.7	126.3	129.3	79.2	76.6	110.4	323.8	628.2	382.0
3:55:33	0:25:03	28.9	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.1	121.1	126.2	129.3	79.1	76.6	110.4	323.8	628.2	381.9
3:56:33	0:26:03	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.2	118.6	126.1	129.2	79.1	76.6	110.3	323.8	628.2	380.4
3:57:33	0:27:03	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.2	127.1	126.0	129.1	79.1	76.6	110.3	323.8	628.2	380.4
3:58:33	0:28:03	28.9	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	118.9	123.8	126.0	129.1	79.1	76.7	110.4	323.8	628.2	380.4
3:59:34	0:29:03	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.5	119.6	125.8	128.9	78.9	76.6	110.3	323.8	628.2	378.9
4:00:34	0:30:03	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	116.9	117.9	125.8	128.9	78.9	76.6	110.4	323.8	628.2	377.5
4:01:34	0:31:03	28.9	29.0	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	119.9	128.1	125.7	128.8	78.9	76.6	110.3	323.8	628.2	377.4
4:02:34	0:32:04	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	121.2	125.6	128.7	78.8	76.6	110.3	323.8	628.2	375.9
4:03:34	0:33:04	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	119.9	127.2	125.5	128.6	78.8	76.6	110.3	323.8	628.2	375.9
4:04:34	0:34:04	28.9	29.0	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.7	118.7	118.3	118.0	121.0	125.4	128.6	78.8	76.6	110.2	323.8	628.2	376.0
4:05:34	0:35:04	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.1	118.5	125.4	128.4	78.7	76.7	110.3	323.8	628.2	375.9
4:06:34	0:36:04	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.2	117.1	118.7	118.6	118.3	120.5	131.1	125.2	128.3	78.7	76.7	110.3	323.8	628.2	375.9
4:07:35	0:37:04	28.9	29.0	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.9	118.8	118.4	123.6	138.6	125.1	128.3	78.7	76.7	110.3	323.8	628.2	372.9
4:08:35	0:38:04	28.9	29.0	30.0	71.6	95.6	118.3	118.9	118.6	117.3	119.0	118.9	118.5	118.4	122.2	125.0	128.2	78.7	76.6	110.3	323.8	628.2	372.9
4:09:35	0:39:04	28.9	29.0	30.0	71.6	95.8	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.4	115.7	125.0	128.1	78.7	76.7	110.3	323.8	628.2	371.4
4:10:35	0:40:04	28.9	29.0	30.0	71.6	96.2	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.1	115.2	124.9	128.0	78.6	76.7	110.2	323.8	628.2	371.4
4:11:35	0:41:04	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.1	116.9	124.8	128.0	78.7	76.7	110.2	323.8	628.2	371.3
4:12:35	0:42:05	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	120.9	131.4	124.7	127.9	78.6	76.7	110.2	323.8	628.2	369.9
4:13:35	0:43:05	28.9	29.0	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.8	118.4	118.3	122.7	124.6	127.8	78.6	76.8	110.2	323.8	628.2	369.8
4:14:35	0:44:05	28.8	29.0	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.7	118.7	118.3	117.3	119.0	124.5	127.7	78.6	76.7	110.1	323.8	628.1	369.9
4:15:35	0:45:05	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.7	117.5	124.5	127.6	78.6	76.8	110.1	323.8	628.2	369.9
4:16:35	0:46:05	28.8	29.0	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.1	121.3	124.4	127.5	78.5	76.8	110.1	323.8	628.2	369.9
4:17:36	0:47:05	28.8	29.0	30.0	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.0	125.0	124.3	127.4	78.6	76.8	110.1	323.8	628.2	369.9
4:18:36	0:48:05	28.8	29.0	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.2	124.6	124.3	127.3	78.5	76.8	110.1	323.8	628.2	368.3
4:19:36	0:49:05	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.8	123.9	124.2	127.2	78.5	76.8	110.1	323.8	628.3	368.4
4:20:36	0:50:05	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.5	119.6	124.5	127.2	78.5	76.8	110.1	323.8	628.2	366.9
4:21:36	0:51:06	28.8	29.0	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.8	118.8	129.3	127.0	78.5	76.8	110.0	323.8	628.2	366.9
4:22:36	0:52:06	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.4	126.1	129.3	127.0	78.5	76.8	110.0	323.8	628.2	366.9
4:23:36	0:53:06	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.6	120.3	129.0	126.9	78.5	76.8	110.0	323.8	628.2	366.9
4:24:36	0:54:06	28.8	29.0	30.0	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.6	118.2	119.3	127.7	128.9	126.8	78.5	76.8	110.0	323.8	628.2	365.4
4:25:37	0:55:06	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.4	122.7	128.8	126.7	78.5	76.8	110.0	323.8	628.2	365.4
4:26:37	0:56:06	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.3	119.2	128.9	126.7	78.5	76.8	110.0	323.8	628.2	365.4
4:27:37	0:57:06	28.8	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.3	120.3	129.7	128.8	126.6	78.5	76.8	110.0	323.8	628.2	363.9
4:28:37	0:58:06	28.8	29.0	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	118.8	123.4	128.6	126.5	78.5	76.9	110.0	323.8	628.1	363.8
4:29:37	0:59:07	28.8	29.0	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.7	118.7	118.3	117.5	119.5	128.4	126.4	78.5	76.8	109.9	323.8	628.2	363.8
4:30:37	1:00:07	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	123.0	128.3	126.3	78.5	76.9	109.9	323.8	628.2	363.8
4:31:37	1:01:07	28.8	29.0	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.8	118.3	122.6	136.6	128.2	126.3	78.5	76.8	109.9	323.8	628.2	363.9
4:32:37	1:02:07	28.8	29.0	30.0	71.6	95.6	118.3	118.9	118.6	117.3	119.0	118.8	118.4	120.3	127.2	128.2	126.2	78.5	76.9	110.0	323.8	628.2	363.8
4:33:37	1:03:07	28.8	29.0	30.0	71.6	95.9	118.2	118.8	118.5	117.2	119.0	118.9	118.4	116.6	116.6	128.0	126.1	78.5	76.9	109.9	323.8	628.2	362.4
4:34:38	1:04:07	28.8	29.0	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.0	115.1	127.9	126.0	78.4	76.9	109.9	323.8	628.2	362.3
4:35:38	1:05:07	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	115.9	115.3	127.7	125.9	78.4	76.8	109.8	323.8	628.2	362.4
4:36:38	1:06:07	28.8	29.0	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.9	126.9	127.7	125.9	78.5	76.8	109.8	323.8	628.2	362.4
4:37:38	1:07:07	28.8	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.5	118.2	118.3	122.8	127.6	125.8	78.4	76.8	109.8	323.8	628.2	362.4
4:38:38	1:08:08	28.8	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.8	127.2	127.4	125.7	78.5	76.9	109.8	323.8	628.2	360.8
4:39:38	1:09:08	28.8	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.7	118.3	117.8	120.7	127.3	125.5	78.4	76.9	109.8	323.8	628.2	360.8
4:40:38	1:10:08	28.8	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.0	118.3	127.3	125.5	78.4	76.8	109.7	323.8	628.1	360.8
4:41:38	1:11:08	28.8	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	120.0	128.3	127.2	125.5	78.4	76.9	109.7	323.8	628.2	359.3
4:42:38	1:12:08	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.0	121.4	127.0	125.4	78.5	76.9	109.7	323.8	628.2	359.4
4:43:39	1:13:08	28.8	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.8	122.9	127.0	125.3	78.4	76.9	109.7	323.8	628.2	359.3
4:44:39	1:14:08	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.2	124.9	126.9	125.2	78.4	76.9	109.7	323.8	628.2	359.4
4:45:39	1:15:08	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.6	120.0	126.8	125.1	78.4	76.9	109.7	323.8	628.2	359.3
4:46:39	1:16:08	28.8	28.9	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.8	123.2	126.6	125.0	78.4	76.8	109.6	323.8	628.2	359.3
4:47:39	1:17:08	28.8	28.9	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.9	124.2	126.6	125.0	78.4	76.8	109.7	323.8	628.2	359.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000227

4:48:39	1:18:09	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.5	119.7	126.5	124.9	78.4	76.8	109.6	323.8	628.2	359.4
4:49:39	1:19:09	28.8	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	120.3	130.4	126.3	124.8	78.3	76.8	109.6	323.8	628.2	357.8
4:50:39	1:20:09	28.8	28.9	30.0	71.6	96.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	123.7	139.4	126.2	124.8	78.4	76.8	109.6	323.8	628.2	357.8
4:51:39	1:21:09	28.8	29.0	30.0	71.6	95.7	118.3	118.9	118.6	117.3	119.1	119.0	118.5	119.2	124.1	126.2	124.6	78.3	76.8	109.6	323.8	628.2	357.5
4:52:39	1:22:09	28.8	28.9	30.0	71.6	95.7	118.2	118.8	118.6	117.3	119.0	118.9	118.5	116.5	115.9	126.1	124.6	78.3	76.8	109.6	323.8	628.2	357.8
4:53:40	1:23:09	28.8	28.9	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.8	118.8	118.4	116.1	115.1	126.0	124.4	78.3	76.8	109.6	323.8	628.2	357.8
4:54:40	1:24:09	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.7	118.3	116.0	115.3	125.9	124.4	78.3	76.8	109.5	323.8	628.2	357.8
4:55:40	1:25:09	28.8	28.9	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.5	118.5	118.2	118.2	124.7	125.8	124.3	78.3	76.8	109.5	323.8	628.2	356.3
4:56:40	1:26:09	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.6	123.6	125.7	124.3	78.3	76.8	109.4	323.8	628.2	356.3
4:57:40	1:27:10	28.8	28.9	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.1	119.1	125.6	124.2	78.4	76.8	109.4	323.8	628.2	356.3
4:58:40	1:28:10	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.6	126.4	125.5	124.1	78.3	76.8	109.5	323.8	628.2	355.9
4:59:40	1:29:10	28.8	28.9	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.6	118.3	117.7	120.4	125.4	124.1	78.4	76.8	109.4	323.8	628.2	356.3
5:00:40	1:30:10	28.8	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.9	118.1	125.3	124.0	78.4	76.8	109.4	323.8	628.2	356.3
5:01:40	1:31:10	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	120.3	128.7	125.2	123.9	78.3	76.8	109.4	323.8	628.2	354.8
5:02:41	1:32:10	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.1	121.5	125.2	123.9	78.4	76.8	109.4	323.8	628.2	354.8
5:03:41	1:33:10	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.1	118.6	125.1	123.8	78.3	76.8	109.4	323.8	628.2	354.8
5:04:41	1:34:10	28.8	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	120.5	130.4	125.0	123.6	78.3	76.9	109.4	323.8	628.2	354.8
5:05:41	1:35:10	28.8	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.6	123.0	124.9	123.6	78.3	76.8	109.4	323.8	628.2	354.8
5:06:41	1:36:11	28.7	28.9	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.4	119.3	124.9	123.5	78.3	76.9	109.3	323.8	628.2	354.8
5:07:41	1:37:11	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	116.8	117.8	124.8	123.4	78.3	76.9	109.3	323.8	628.2	354.8
5:08:41	1:38:11	28.7	28.9	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.2	119.3	127.8	124.6	123.4	78.4	76.8	109.3	323.8	628.1	354.7
5:09:41	1:39:11	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.3	122.7	124.6	123.3	78.3	76.8	109.3	323.8	628.2	354.8
5:10:42	1:40:11	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	119.6	128.4	124.5	123.3	78.4	76.8	109.2	323.8	628.2	354.8
5:11:42	1:41:11	28.7	28.9	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.8	118.8	118.3	123.3	138.6	124.4	123.1	78.3	76.9	109.3	323.8	628.2	353.3
5:12:42	1:42:11	28.7	28.9	30.0	71.6	95.6	118.3	118.9	118.6	117.3	119.1	118.9	118.5	119.4	124.8	124.2	123.1	78.4	76.8	109.3	323.8	628.2	353.3
5:13:42	1:43:11	28.7	28.9	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.9	118.4	116.5	116.1	124.2	123.0	78.4	76.9	109.3	323.8	628.2	353.3
5:14:42	1:44:12	28.7	28.9	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.1	115.2	124.1	122.9	78.4	76.9	109.3	323.8	628.2	353.3
5:15:42	1:45:12	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.0	115.4	127.1	122.9	78.4	76.8	109.2	323.8	628.2	353.3
5:16:42	1:46:12	28.7	28.9	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.6	118.6	118.3	115.9	115.5	129.3	122.8	78.4	76.9	109.2	323.8	628.2	353.3
5:17:42	1:47:12	28.7	28.9	30.0	71.6	96.8	117.8	118.3	118.2	116.9	118.5	118.5	118.2	119.8	129.0	129.0	122.7	78.3	76.9	109.1	323.8	628.2	353.3
5:18:42	1:48:12	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.8	122.4	128.8	122.7	78.4	76.9	109.1	323.8	628.2	351.8
5:19:43	1:49:12	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.0	125.2	128.7	122.6	78.4	76.8	109.1	323.8	628.2	351.8
5:20:43	1:50:12	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.5	120.3	128.8	122.5	78.4	76.8	109.1	323.8	628.2	351.7
5:21:43	1:51:12	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	122.0	135.1	128.7	122.4	78.4	76.8	109.1	323.8	628.2	351.8
5:22:43	1:52:12	28.7	28.9	30.0	71.6	95.9	118.2	118.8	118.5	117.2	119.0	118.9	118.5	121.6	131.3	128.6	122.4	78.4	76.8	109.1	323.8	628.2	351.8
5:23:43	1:53:13	28.7	28.9	30.0	71.6	95.6	118.3	118.9	118.6	117.3	119.0	118.9	118.5	117.0	117.7	128.4	122.3	78.4	76.8	109.1	323.8	628.2	351.8
5:24:43	1:54:13	28.7	28.9	30.0	71.6	96.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.1	115.2	128.3	122.2	78.4	76.9	109.1	323.8	628.2	351.7
5:25:43	1:55:13	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.0	115.3	128.1	122.2	78.4	76.9	109.0	323.8	628.2	350.2
5:26:43	1:56:13	28.7	28.9	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.8	115.4	128.0	122.1	78.3	76.9	109.0	323.8	628.2	350.3
5:27:43	1:57:13	28.7	28.9	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.8	128.7	127.8	122.0	78.4	76.8	109.0	323.8	628.2	350.3
5:28:44	1:58:13	28.7	28.9	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.6	121.0	127.8	121.9	78.3	76.8	109.0	323.8	628.2	350.3
5:29:44	1:59:13	28.7	28.9	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.4	126.4	127.6	121.8	78.3	76.8	108.9	323.8	628.2	350.2
5:30:44	2:00:13	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.6	120.4	127.6	121.8	78.3	76.8	108.9	323.8	628.2	350.2
5:31:44	2:01:13	28.7	28.9	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	118.4	125.2	127.4	121.7	78.3	76.8	108.9	323.8	628.2	350.3
5:32:44	2:02:13	28.7	28.9	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	122.8	137.3	127.4	121.7	78.3	76.9	109.0	323.8	628.2	350.3
5:33:44	2:03:14	28.7	28.9	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.9	118.4	120.3	127.3	127.3	121.5	78.3	76.8	108.9	323.8	628.2	350.3
5:34:44	2:04:14	28.7	28.9	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.9	118.5	116.6	116.6	127.2	121.5	78.3	76.8	108.9	323.8	628.2	350.3
5:35:44	2:05:14	28.7	28.9	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.9	118.8	118.5	116.1	115.2	127.1	121.4	78.4	76.8	108.9	323.8	628.2	350.2
5:36:44	2:06:14	28.7	28.9	30.0	71.6	96.2	118.1	118.7	118.4	117.2	118.6	118.6	118.3	116.0	115.3	127.0	121.4	78.4	76.8	108.8	323.8	628.2	350.3
5:37:44	2:07:14	28.7	28.9	30.0	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	124.1	126.8	121.3	78.3	76.7	108.7	323.8	628.2	350.3
5:38:45	2:08:14	28.7	28.9	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.7	124.1	126.7	121.2	78.3	76.8	108.8	323.8	628.2	350.3
5:39:45	2:09:14	28.7	28.9	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.2	120.4	126.7	121.1	78.3	76.8	108.8	323.8	628.2	348.8
	BEGIN GAS ADDITION (4) (gbonilla)						06/15/2015 05:54:23																
5:39:50	2:09:20	28.7	28.9	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.4	122.1	126.7	121.1	78.3	76.8	108.8	323.8	628.2	348.8
	END GAS ADDITION (4) (gbonilla)						06/15/2015 05:54:35																
5:40:02	2:09:32	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.7	118.3	118.8	126.3	126.7	121.1	79.1	76.8	108.8	323.8	628.2	350.2
5:40:45	2:10:14	29.0	29.2	30.0	72.1	96.8	118.1	118.7	118.4	117.2	118.8	118.7	118.4	121.9	135.3	126.6	121.1	83.1	76.8	108.8	323.8	628.2	353.3
5:41:45	2:11:14	29.0	29.2	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.8	118.5	119.8	126.8	126.5	121.0	82.6	76.8	108.8	323.8	628.2	350.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000228

5:42:45	2:12:15	29.0	29.2	30.0	71.6	95.9	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.4	116.5	126.4	121.0	82.1	76.9	108.8	323.8	628.2	348.8
5:43:45	2:13:15	29.0	29.2	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.4	115.9	115.1	126.3	120.9	81.6	76.8	108.7	323.8	628.2	348.8
5:44:45	2:14:15	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.8	115.1	126.1	120.8	81.2	76.8	108.7	323.8	628.2	347.3
5:45:45	2:15:15	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	119.8	128.7	126.1	120.7	80.8	76.8	108.7	323.8	628.2	345.8
5:46:45	2:16:15	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.7	118.3	117.7	121.2	126.0	120.7	80.5	76.8	108.7	323.8	628.2	345.7
5:47:45	2:17:15	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.6	127.2	125.9	120.6	80.3	76.8	108.6	323.8	628.2	345.8
5:48:45	2:18:15	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.7	120.6	125.9	120.5	80.0	76.9	108.7	323.8	628.2	345.8
5:49:45	2:19:15	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.4	116.9	118.2	125.7	120.5	79.8	76.8	108.6	323.8	628.2	345.8
5:50:45	2:20:15	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.9	128.1	125.7	120.4	79.7	76.8	108.7	323.8	628.2	345.8
5:51:46	2:21:16	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.8	121.1	125.5	120.3	79.5	76.8	108.6	323.8	628.2	345.7
5:52:46	2:22:16	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.0	118.4	125.5	120.3	79.4	76.8	108.6	323.8	628.2	345.7
5:53:46	2:23:16	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.0	128.1	125.4	120.2	79.2	76.8	108.6	323.8	628.2	345.8
5:54:46	2:24:16	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.0	121.2	125.3	120.1	79.2	76.7	108.5	323.8	628.2	345.7
5:55:46	2:25:16	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	118.5	125.2	120.1	79.1	76.8	108.6	323.8	628.2	345.8
5:56:47	2:26:16	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.5	118.5	118.2	117.5	122.2	125.1	120.0	79.0	76.8	108.5	323.8	628.2	345.8
5:57:47	2:27:16	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.3	125.7	125.1	119.8	78.9	76.7	108.5	323.8	628.2	345.8
5:58:47	2:28:16	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.6	120.1	124.9	119.8	78.9	76.7	108.5	323.8	628.2	345.7
5:59:47	2:29:16	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.7	118.7	118.3	119.9	129.1	124.8	119.8	78.9	76.7	108.5	323.8	628.2	345.8
6:00:47	2:30:17	29.0	29.2	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	118.8	123.7	124.6	119.8	78.8	76.7	108.5	323.8	628.2	345.8
6:01:47	2:31:17	29.0	29.2	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.7	118.4	117.5	119.6	124.6	119.6	78.7	76.7	108.4	323.8	628.2	345.8
6:02:47	2:32:17	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.9	117.9	124.5	119.6	78.7	76.7	108.5	323.8	628.2	345.7
6:03:47	2:33:17	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.5	118.3	124.5	119.5	78.7	76.7	108.4	323.8	628.2	345.7
6:04:47	2:34:17	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.3	126.1	124.3	119.5	78.6	76.7	108.4	323.8	628.2	345.8
6:05:48	2:35:17	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.5	120.2	124.2	119.3	78.5	76.6	108.4	323.8	628.2	345.7
6:06:48	2:36:17	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	120.3	130.9	124.1	119.3	78.6	76.6	108.4	323.8	628.2	344.3
6:07:48	2:37:17	29.0	29.2	30.0	71.6	96.0	118.1	118.8	118.5	117.2	118.9	118.7	118.4	123.5	138.6	124.2	119.3	78.5	76.6	108.4	323.8	628.2	344.3
6:08:48	2:38:18	29.0	29.2	30.0	71.6	95.6	118.3	118.9	118.6	117.4	119.0	118.8	118.5	118.3	122.1	124.0	119.2	78.5	76.6	108.4	323.8	628.2	345.7
6:09:48	2:39:18	29.0	29.2	30.0	71.6	95.8	118.2	118.8	118.6	117.3	118.9	118.9	118.5	116.3	115.7	129.4	119.2	78.5	76.6	108.3	323.8	628.2	344.3
6:10:48	2:40:18	29.0	29.2	30.0	71.6	96.2	118.0	118.6	118.4	117.2	118.8	118.8	118.5	116.0	115.2	129.2	120.1	78.5	76.6	109.1	323.8	628.2	344.2
6:11:48	2:41:18	29.0	29.2	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.6	118.3	115.9	115.4	129.2	122.5	78.5	76.6	108.7	323.8	628.2	344.3
6:12:48	2:42:18	29.0	29.2	30.0	71.6	96.8	117.8	118.3	118.2	117.0	118.5	118.5	118.2	118.9	127.4	129.0	122.4	78.5	76.6	108.7	323.8	628.2	344.3
6:13:48	2:43:18	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	118.2	122.6	129.1	122.4	78.5	76.7	108.7	323.8	628.2	344.2
6:14:49	2:44:18	29.0	29.2	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.6	118.6	118.3	116.9	118.6	128.7	122.3	78.5	76.7	108.7	323.8	628.2	344.2
6:15:49	2:45:18	29.0	29.2	30.0	71.7	96.8	117.9	118.5	118.2	117.0	118.6	118.6	118.3	119.8	127.9	128.6	122.2	78.4	76.6	108.7	323.8	628.2	344.3
6:16:49	2:46:18	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	121.0	128.8	122.2	78.4	76.7	108.7	323.8	628.2	344.3
6:17:49	2:47:18	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	116.9	118.3	128.6	122.1	78.4	76.6	108.6	323.8	628.2	344.3
6:18:49	2:48:19	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	119.2	128.0	128.5	122.0	78.4	76.7	108.7	323.8	628.2	344.3
6:19:49	2:49:19	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.6	123.4	128.4	121.9	78.4	76.7	108.7	323.8	628.2	344.3
6:20:49	2:50:19	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.3	119.3	128.2	121.9	78.4	76.6	108.6	323.8	628.2	344.3
6:21:49	2:51:19	29.0	29.2	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.3	116.6	117.6	128.2	121.8	78.4	76.7	108.6	323.8	628.2	342.7
6:22:50	2:52:19	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	119.8	127.5	128.1	121.7	78.3	76.6	108.6	323.8	628.2	342.8
6:23:50	2:53:19	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.7	120.8	128.1	121.7	78.3	76.7	108.7	323.8	628.2	342.8
6:24:50	2:54:19	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.5	118.3	119.4	128.2	128.1	121.6	78.3	76.7	108.7	323.8	628.2	342.8
6:25:50	2:55:19	29.0	29.2	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	118.4	122.9	127.9	121.6	78.3	76.6	108.6	323.8	628.2	342.7
6:26:50	2:56:20	29.0	29.2	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.3	119.2	127.9	121.5	78.3	76.7	108.6	323.8	628.2	342.7
6:27:50	2:57:20	29.0	29.2	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.7	118.6	118.3	118.0	123.8	127.7	121.4	78.3	76.7	108.6	323.8	628.2	342.8
6:28:50	2:58:20	29.0	29.2	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.6	136.8	127.7	121.4	78.3	76.7	108.7	323.8	628.2	342.7
6:29:50	2:59:20	29.0	29.2	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.8	118.5	119.3	125.0	127.7	121.2	78.3	76.6	108.6	323.8	628.2	342.8
6:30:50	3:00:20	29.0	29.2	30.0	71.6	95.9	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.4	116.2	127.6	121.2	78.3	76.7	108.6	323.8	628.2	342.7
6:31:51	3:01:20	29.0	29.2	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.7	118.4	116.0	115.1	127.5	121.2	78.3	76.7	108.5	323.8	628.2	342.8
6:32:51	3:02:20	29.0	29.2	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.8	115.3	127.4	121.1	78.3	76.7	108.5	323.8	628.2	342.7
6:33:51	3:03:20	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.7	126.6	127.3	121.1	78.4	76.7	108.5	323.8	628.2	342.7
6:34:51	3:04:20	29.0	29.2	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	118.3	123.2	127.3	121.0	78.3	76.7	108.5	323.8	628.2	342.7
6:35:51	3:05:20	29.0	29.1	30.0	71.6	96.5	117.9	118.5	118.3	117.0	118.6	118.6	118.3	119.0	127.4	127.3	120.9	78.3	76.7	108.5	323.8	628.2	342.7
6:36:51	3:06:21	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.3	123.0	127.1	120.8	78.3	76.7	108.5	323.8	628.2	342.8
6:37:51	3:07:21	29.0	29.2	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.2	119.1	127.0	120.8	78.3	76.7	108.5	323.8	628.2	341.2
6:38:51	3:08:21	29.0	29.1	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.6	118.6	118.3	116.6	117.5	127.0	120.7	78.3	76.7	108.5	323.8	628.2	342.8
6:39:51	3:09:21	29.0	29.2	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	120.5	130.4	126.9	120.6	78.3	76.7	108.5	323.8	628.2	342.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000229

6:40:51	3:10:21	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.8	118.7	118.3	118.2	122.2	126.8	120.5	78.3	76.7	108.5	323.8	628.2	341.3
6:41:52	3:11:21	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.2	118.9	126.8	120.5	78.3	76.8	108.5	323.8	628.2	341.3
6:42:52	3:12:21	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.2	127.5	126.6	120.4	78.3	76.8	108.5	323.8	628.2	341.2
6:43:52	3:13:21	29.0	29.1	30.0	71.6	96.0	118.1	118.8	118.5	117.2	118.8	118.7	118.4	123.0	138.1	126.5	120.4	78.3	76.8	108.5	323.8	628.2	341.2
6:44:52	3:14:21	29.0	29.2	30.0	71.6	95.7	118.2	118.8	118.6	117.3	119.1	118.9	118.6	119.2	124.4	126.5	120.3	78.3	76.8	108.5	323.8	628.2	341.3
6:45:52	3:15:22	29.0	29.1	30.0	71.6	95.7	118.2	118.8	118.6	117.3	119.0	118.9	118.6	116.3	116.0	126.4	120.2	78.3	76.8	108.5	323.8	628.2	341.2
6:46:52	3:16:22	29.0	29.1	30.0	71.6	96.2	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.0	115.1	126.3	120.1	78.3	76.7	108.4	323.8	628.2	341.3
6:47:52	3:17:22	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.4	115.9	115.3	126.2	120.1	78.3	76.7	108.4	323.8	628.2	341.2
6:48:52	3:18:22	29.0	29.1	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.5	118.3	115.6	115.6	126.3	120.0	78.3	76.8	108.4	323.8	628.2	341.2
6:49:52	3:19:22	29.0	29.1	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.6	118.6	118.3	119.6	128.1	126.2	119.8	78.3	76.7	108.3	323.8	628.2	341.3
6:50:53	3:20:22	29.0	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.7	123.4	126.1	119.8	78.3	76.7	108.3	323.8	628.2	341.3
6:51:53	3:21:22	29.0	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	122.3	136.5	126.0	119.8	78.3	76.7	108.3	323.8	628.2	341.3
6:52:53	3:22:22	29.0	29.2	30.0	71.6	95.8	118.2	118.8	118.5	117.3	119.0	118.9	118.6	121.6	131.6	125.9	119.8	78.3	76.7	108.4	323.8	628.2	341.3
6:53:53	3:23:22	29.0	29.1	30.0	71.7	95.9	118.2	118.8	118.6	117.3	119.0	118.9	118.6	117.0	117.7	126.0	119.6	78.2	76.7	108.3	323.8	628.2	341.3
6:54:53	3:24:23	29.0	29.1	30.0	71.6	95.9	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.2	126.0	119.6	78.3	76.7	108.3	323.8	628.2	341.2
6:55:53	3:25:23	29.0	29.1	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.8	118.5	115.9	115.1	125.9	119.6	78.3	76.6	108.3	323.8	628.2	341.3
6:56:53	3:26:23	29.0	29.1	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.7	115.3	125.9	119.5	78.3	76.6	108.2	323.8	628.2	341.3
6:57:53	3:27:23	29.0	29.1	30.0	71.6	96.7	117.8	118.3	118.2	117.0	118.5	118.5	118.3	117.6	123.8	125.8	119.5	78.3	76.6	108.2	323.8	628.2	341.3
6:58:54	3:28:23	29.0	29.1	30.0	71.6	96.5	117.9	118.5	118.3	117.1	118.6	118.5	118.3	118.4	124.3	125.7	119.3	78.2	76.6	108.2	323.8	628.2	341.2
6:59:54	3:29:23	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.9	129.0	125.7	119.3	78.3	76.6	108.2	323.8	628.2	341.2
7:00:54	3:30:23	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.8	121.5	125.5	119.3	78.2	76.4	108.1	323.8	628.2	341.3
7:01:54	3:31:23	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.6	118.6	118.3	116.9	118.4	125.4	119.2	78.2	76.4	108.1	323.8	628.2	341.3
7:02:54	3:32:23	29.0	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	118.3	125.4	125.5	119.2	78.2	76.4	108.1	323.8	628.2	341.3
7:03:54	3:33:24	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.7	123.9	125.4	120.8	78.2	76.4	109.3	323.8	628.2	341.3
7:04:54	3:34:24	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	117.2	119.3	125.4	122.4	78.2	76.4	108.5	323.8	628.2	341.2
7:05:54	3:35:24	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.2	127.5	125.3	122.3	78.2	76.4	108.4	323.8	628.2	341.2
7:06:54	3:36:24	29.0	29.1	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.8	118.7	118.4	123.0	138.0	125.3	122.3	78.1	76.3	108.5	323.8	628.2	341.3
7:07:55	3:37:24	29.0	29.1	30.0	71.6	95.6	118.3	118.9	118.6	117.3	119.0	118.9	118.5	119.2	124.6	125.1	122.2	78.1	76.3	108.5	323.8	628.2	341.2
7:08:55	3:38:24	29.0	29.1	30.0	71.6	96.0	118.1	118.8	118.5	117.2	119.0	118.9	118.5	116.3	116.1	125.2	122.1	78.1	76.3	108.5	323.8	628.2	339.8
7:09:55	3:39:24	29.0	29.1	30.0	71.6	96.1	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.0	115.1	125.1	122.1	78.1	76.2	108.4	323.8	628.2	339.7
7:10:55	3:40:24	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.8	115.2	125.0	122.0	78.1	76.2	108.4	323.8	628.2	339.8
7:11:55	3:41:24	29.0	29.1	30.0	71.6	96.8	117.8	118.3	118.2	117.0	118.6	118.6	118.3	118.9	127.5	125.0	121.9	78.0	76.2	108.4	323.8	628.2	339.8
7:12:55	3:42:25	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.1	122.6	125.0	121.9	78.0	76.0	108.4	323.8	628.2	339.8
7:13:55	3:43:25	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	120.3	131.4	124.9	121.8	78.0	76.0	108.4	323.8	628.2	339.7
7:14:55	3:44:25	29.0	29.1	30.0	71.6	95.9	118.1	118.8	118.5	117.2	118.8	118.8	118.4	123.2	138.0	124.9	121.7	77.9	75.9	108.4	323.8	628.2	339.7
7:15:55	3:45:25	29.0	29.1	30.0	71.6	95.6	118.3	118.9	118.6	117.4	118.9	118.8	118.5	118.1	121.3	124.9	121.6	77.9	75.9	108.4	323.8	628.2	339.7
7:16:55	3:46:25	29.0	29.1	30.0	71.6	95.9	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.5	124.7	121.5	77.9	75.9	108.3	323.8	628.2	339.7
7:17:56	3:47:25	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.2	118.8	118.7	118.4	115.9	115.0	124.7	121.5	77.9	75.8	108.2	323.8	628.2	339.8
7:18:56	3:48:25	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.7	115.1	124.7	121.4	77.9	75.8	108.2	323.8	628.2	339.7
7:19:56	3:49:25	29.0	29.1	30.0	71.6	96.8	117.8	118.3	118.2	117.0	118.5	118.5	118.2	118.2	125.6	124.7	121.3	77.8	75.8	108.2	323.8	628.2	339.8
7:20:56	3:50:25	29.0	29.1	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.3	118.3	123.6	124.8	121.2	77.8	75.8	108.2	323.8	628.2	339.7
7:21:56	3:51:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	119.6	127.7	124.7	121.2	77.8	75.7	108.2	323.8	628.2	339.8
7:22:56	3:52:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.6	120.7	124.6	121.1	77.7	75.7	108.2	323.8	628.2	339.7
7:23:56	3:53:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.8	118.1	124.5	121.1	77.7	75.7	108.1	323.8	628.2	339.8
7:24:56	3:54:26	29.0	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.3	120.0	128.7	124.5	121.0	77.7	75.7	108.1	323.8	628.2	339.8
7:25:56	3:55:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	121.3	124.5	120.9	77.7	75.7	108.1	323.8	628.2	339.7
7:26:57	3:56:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.9	118.4	124.4	120.8	77.6	75.7	108.0	323.8	628.2	339.5
7:27:57	3:57:26	29.0	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.3	125.5	124.3	120.8	77.6	75.7	108.0	323.8	628.2	338.3
7:28:57	3:58:26	29.0	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.6	123.7	124.3	120.7	77.6	75.7	108.0	323.8	628.2	338.2
7:29:57	3:59:26	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.2	119.3	124.3	120.6	77.6	75.5	107.9	323.8	628.2	338.3
7:30:57	4:00:27	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	120.1	130.4	124.3	120.5	77.6	75.5	107.9	323.8	628.2	338.3
7:31:57	4:01:27	29.0	29.1	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.8	118.8	118.4	123.3	138.8	124.2	120.4	77.5	75.4	107.9	323.8	628.2	338.2
7:32:57	4:02:27	29.0	29.1	30.0	72.1	96.1	118.3	118.9	118.7	117.4	119.0	118.9	118.5	118.6	122.7	124.2	120.4	77.5	75.5	107.9	323.8	628.2	338.3
7:33:57	4:03:27	29.0	29.1	30.0	72.1	96.3	118.2	118.8	118.6	117.3	118.9	118.9	118.5	116.2	115.8	124.1	120.3	77.5	75.4	107.9	323.8	628.2	338.0
7:34:58	4:04:27	29.0	29.1	30.0	71.6	96.2	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.0	115.2	129.1	120.3	77.5	75.5	107.9	323.8	628.2	338.3
7:35:58	4:05:27	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.1	129.0	120.1	77.4	75.4	107.8	323.8	628.2	338.2
7:36:58	4:06:27	29.0	29.1	30.0	72.1	97.1	117.9	118.5	118.3	117.1	118.6	118.7	118.3	119.6	128.9	128.9	120.1	77.4	75.4	107.8	323.8	628.2	338.2
7:37:58	4:07:27	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.7	121.6	128.8	120.0	77.4	75.4	107.8	323.8	628.2	338.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000230

7:38:58	4:08:27	29.0	29.1	30.0	72.0	97.2	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.6	129.1	128.8	120.0	77.4	75.4	107.8	323.8	628.2	338.2
7:39:58	4:09:28	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.4	123.4	128.8	119.8	77.4	75.4	107.7	323.8	628.2	338.3
7:40:58	4:10:28	29.0	29.1	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.7	118.7	118.3	117.2	119.2	128.8	119.8	77.3	75.4	107.7	323.8	628.2	338.3
7:41:58	4:11:28	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	116.6	117.5	128.7	119.8	77.4	75.4	107.7	323.8	628.2	338.3
7:42:58	4:12:28	29.0	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.9	127.0	128.7	119.8	77.4	75.3	107.6	323.8	628.1	338.2
7:43:59	4:13:28	29.0	29.1	30.0	72.0	96.9	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.6	123.6	128.7	119.7	77.3	75.3	107.6	323.8	628.2	338.3
7:44:59	4:14:28	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.2	119.3	128.7	119.6	77.3	75.3	107.6	323.8	628.2	338.6
7:45:59	4:15:28	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	120.4	130.4	128.5	119.5	77.2	75.3	107.6	323.8	628.2	338.3
7:46:59	4:16:28	29.0	29.1	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.3	122.8	128.6	119.3	77.3	75.3	107.6	323.8	628.2	338.2
7:47:59	4:17:28	29.0	29.1	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.2	119.1	128.5	119.3	77.2	75.3	107.5	323.8	628.2	338.2
7:48:59	4:18:29	29.0	29.1	30.0	72.1	96.9	118.0	118.6	118.4	117.1	118.7	118.6	118.3	116.6	117.6	128.4	119.3	77.2	75.3	107.5	323.8	628.2	338.2
7:49:59	4:19:29	29.0	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.8	126.8	128.4	119.2	77.2	75.3	107.5	323.8	628.2	338.2
7:50:59	4:20:29	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.7	118.3	118.3	123.2	128.5	119.1	77.2	75.2	107.5	323.8	628.2	338.3
7:51:59	4:21:29	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.1	119.1	128.3	119.1	77.2	75.2	107.4	323.8	628.2	338.3
7:52:59	4:22:29	29.0	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.6	118.3	116.4	117.7	128.3	121.7	77.1	75.2	109.2	323.8	628.2	338.3
7:54:00	4:23:29	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.6	127.2	128.1	122.4	77.2	75.2	107.9	323.8	628.2	336.7
7:55:00	4:24:29	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.5	120.5	128.2	122.3	77.1	75.2	107.8	323.8	628.2	336.7
7:56:00	4:25:29	29.0	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	116.6	118.0	128.2	122.2	77.1	75.2	107.8	323.8	628.2	336.8
7:57:00	4:26:29	29.0	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	120.9	132.1	128.1	122.1	77.1	75.2	107.8	323.8	628.2	336.7
7:58:00	4:27:29	29.0	29.1	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.7	118.6	118.3	118.7	123.6	128.1	122.1	77.1	75.1	107.8	323.8	628.2	336.8
7:59:00	4:28:30	29.0	29.1	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.4	119.5	128.1	122.0	77.1	75.1	107.7	323.8	628.2	336.7
8:00:00	4:29:30	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.2	116.7	117.7	128.0	121.9	77.1	75.1	107.7	323.8	628.2	336.7
8:01:00	4:30:30	29.0	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.3	125.2	127.9	121.8	77.0	75.1	107.7	323.8	628.2	336.7
8:02:00	4:31:30	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.2	118.8	124.4	127.9	121.8	77.0	75.1	107.8	323.8	628.2	336.8
8:03:00	4:32:30	29.0	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.2	117.2	119.6	127.8	121.8	77.0	75.2	107.7	323.8	628.2	336.7
8:04:01	4:33:30	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.6	117.6	127.8	121.7	77.0	75.2	107.7	323.8	628.2	336.8
8:05:01	4:34:30	29.0	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.3	119.8	129.0	127.8	121.6	77.0	75.2	107.8	323.8	628.1	336.7
8:06:01	4:35:30	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.0	122.0	127.8	121.5	77.0	75.1	107.8	323.8	628.2	336.7
8:07:01	4:36:30	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.7	118.2	116.9	118.6	127.6	121.4	77.0	75.1	107.7	323.8	628.2	336.7
8:08:01	4:37:31	29.0	29.1	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.1	117.8	124.0	127.6	121.4	77.0	75.0	107.6	323.8	628.2	336.8
8:09:01	4:38:31	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.7	124.2	127.7	121.3	77.0	75.0	107.6	323.8	628.2	336.8
8:10:01	4:39:31	29.0	29.1	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.7	118.6	118.2	119.4	128.6	127.6	121.2	76.9	75.0	107.6	323.8	628.2	336.7
8:11:01	4:40:31	29.0	29.1	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.9	124.3	127.4	121.1	77.0	75.0	107.6	323.8	628.1	336.7
8:12:01	4:41:31	29.0	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.7	118.3	117.5	119.8	127.4	121.1	77.0	75.0	107.6	323.8	628.2	336.7
8:13:02	4:42:31	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.2	116.8	117.9	127.4	121.0	76.9	75.0	107.6	323.8	628.2	336.8
8:14:02	4:43:31	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.3	116.9	127.4	120.9	76.9	75.1	107.6	323.8	628.2	336.7
8:15:02	4:44:31	29.0	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.9	128.7	127.4	120.8	76.9	75.0	107.6	323.8	628.2	336.8
8:16:02	4:45:31	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	117.8	121.4	127.3	120.8	76.9	75.1	107.6	323.8	628.2	336.7
8:17:02	4:46:31	29.0	29.1	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	116.7	118.3	127.3	120.7	76.9	75.1	107.6	323.8	628.2	336.7
8:18:02	4:47:32	29.0	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.8	126.9	127.3	120.6	76.9	75.0	107.5	323.8	628.2	336.8
8:19:02	4:48:32	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.7	118.3	118.4	123.7	127.2	120.6	76.9	75.1	107.6	323.8	628.2	336.7
8:20:02	4:49:32	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.0	119.2	127.0	120.5	76.9	75.1	107.5	323.8	628.2	336.7
8:21:02	4:50:32	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	120.9	132.7	127.0	120.4	76.9	75.1	107.6	323.8	628.2	336.7
8:22:03	4:51:32	29.0	29.1	30.0	72.1	96.6	118.1	118.8	118.5	117.2	118.9	118.8	118.3	118.9	124.3	127.0	120.4	76.9	75.2	107.6	323.8	628.2	336.7
8:23:03	4:52:32	29.0	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.8	118.3	116.1	116.1	126.9	120.3	76.9	75.1	107.5	323.8	628.2	336.8
8:24:03	4:53:32	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.6	118.6	118.2	115.6	115.0	126.8	120.2	76.9	75.1	107.6	323.8	628.2	336.7
8:25:03	4:54:32	29.0	29.1	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.2	118.8	127.0	126.9	120.2	77.0	75.1	107.5	323.8	628.2	336.7
8:26:03	4:55:32	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.1	122.9	126.8	120.1	76.9	75.1	107.5	323.8	628.2	336.8
8:27:03	4:56:33	29.0	29.1	30.0	72.1	97.0	118.0	118.7	118.3	117.0	118.7	118.7	118.2	121.1	133.7	126.7	120.1	76.9	75.1	107.5	323.8	628.2	336.7
8:28:03	4:57:33	29.0	29.1	30.0	72.1	96.5	118.2	118.8	118.5	117.2	119.0	118.8	118.4	123.6	138.8	126.6	120.0	76.9	75.1	107.5	323.8	628.2	336.4
8:29:03	4:58:33	29.0	29.1	30.0	71.6	95.7	118.2	118.9	118.5	117.3	119.2	119.0	118.6	118.2	121.6	126.6	119.8	76.9	75.2	107.5	323.8	628.2	336.7
8:30:03	4:59:33	29.0	29.1	30.0	72.1	96.3	118.2	118.9	118.5	117.3	119.0	118.8	118.5	116.2	115.6	126.5	119.8	77.0	75.2	107.5	323.8	628.2	336.8
8:31:04	5:00:33	29.0	29.1	30.0	72.1	96.7	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.0	126.5	119.8	76.9	75.2	107.5	323.8	628.2	335.2
8:32:04	5:01:33	29.0	29.1	30.0	71.6	96.3	118.0	118.6	118.4	117.1	118.7	118.7	118.3	115.8	115.2	126.4	119.7	76.9	75.2	107.5	323.8	628.2	335.2
8:33:04	5:02:33	29.0	29.1	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.5	120.2	126.4	119.6	76.9	75.2	107.4	323.8	628.2	335.2
8:34:04	5:03:33	29.0	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.2	126.4	126.3	119.6	76.9	75.2	107.4	323.8	628.2	335.2
8:35:04	5:04:34	29.0	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.2	119.9	126.2	119.5	77.0	75.2	107.4	323.8	628.2	335.2
8:36:04	5:05:34	29.0	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.3	117.4	126.2	119.3	76.9	75.2	107.3	323.8	628.1	335.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000231

8:37:04	5:06:34	29.0	29.1	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.8	128.2	126.1	119.3	76.9	75.2	107.4	323.8	628.2	335.2
8:38:04	5:07:34	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.5	120.9	126.0	119.3	76.9	75.2	107.3	323.8	628.2	335.2
8:39:05	5:08:34	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.3	116.6	118.2	126.0	119.2	76.9	75.2	107.3	323.8	628.2	335.2
8:40:05	5:09:34	29.0	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	120.5	130.1	125.9	119.2	76.9	75.2	107.3	323.8	628.2	335.2
8:41:05	5:10:34	29.0	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.0	121.8	125.8	119.1	76.9	75.2	107.3	323.8	628.2	335.3
8:42:05	5:11:34	29.0	29.1	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.0	118.7	125.9	119.2	76.9	75.2	107.3	323.8	628.2	335.2
8:43:05	5:12:34	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	116.5	117.3	125.8	122.3	77.0	75.2	107.8	323.8	628.2	335.2
8:44:05	5:13:35	29.0	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.2	119.8	128.1	125.8	122.2	76.9	75.2	107.7	323.8	628.2	335.2
8:45:05	5:14:35	29.0	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.2	117.6	121.0	125.8	122.1	76.9	75.2	107.6	323.8	628.2	335.2
8:46:05	5:15:35	29.0	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.8	126.8	125.8	122.0	76.9	75.2	107.7	323.8	628.2	335.3
8:47:05	5:16:35	29.0	29.1	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	120.0	128.0	125.7	122.0	76.9	75.2	107.7	323.8	628.2	335.2
8:48:05	5:17:35	29.0	29.1	30.0	72.1	96.8	118.1	118.8	118.4	117.1	118.9	118.8	118.4	117.1	118.7	125.6	121.8	76.8	75.2	107.7	323.8	628.2	335.3
8:49:05	5:18:35	28.9	29.1	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.8	115.4	125.5	121.9	76.9	75.2	107.6	323.8	628.2	335.2
8:50:05	5:19:35	28.9	29.1	30.0	71.6	96.7	117.8	118.5	118.2	116.9	118.6	118.6	118.2	116.1	118.6	125.5	121.8	76.9	75.2	107.6	323.8	628.2	335.2
8:51:05	5:20:35	28.9	29.1	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.2	126.6	125.5	121.7	76.8	75.3	107.7	323.8	628.2	335.2
8:52:05	5:21:35	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.2	119.9	125.4	121.6	76.9	75.2	107.7	323.8	628.2	335.2
8:53:05	5:22:36	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.9	128.4	125.4	121.6	76.9	75.2	107.6	323.8	628.2	333.7
8:54:06	5:23:36	28.9	29.1	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.8	121.2	125.4	121.5	76.9	75.3	107.7	323.8	628.2	333.8
8:55:06	5:24:36	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.8	118.3	125.3	121.4	76.9	75.3	107.7	323.8	628.2	333.6
8:56:06	5:25:36	28.9	29.1	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.8	120.6	125.2	121.3	76.9	75.2	107.6	323.8	628.2	333.7
8:57:06	5:26:36	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.2	119.3	126.2	125.3	121.3	77.0	75.2	107.6	323.8	628.2	333.7
8:58:07	5:27:36	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.4	120.1	125.2	121.2	77.0	75.2	107.6	323.8	628.1	333.8
8:59:07	5:28:36	28.9	29.1	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.6	117.8	125.1	121.1	76.9	75.2	107.6	323.8	628.2	333.7
9:00:07	5:29:36	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.5	118.2	119.9	128.4	125.1	121.0	76.9	75.2	107.6	323.8	628.2	333.7
9:01:07	5:30:36	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.8	121.2	125.0	121.0	76.9	75.2	107.6	323.8	628.2	333.7
9:02:07	5:31:37	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.8	118.3	125.0	121.0	76.9	75.2	107.6	323.8	628.2	333.7
9:03:07	5:32:37	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	120.0	129.5	125.1	120.9	76.9	75.2	107.6	323.8	628.1	333.7
9:04:07	5:33:37	28.9	29.1	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.2	122.4	125.0	120.8	76.9	75.2	107.6	323.8	628.2	333.8
9:05:07	5:34:37	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	117.0	118.8	125.0	120.7	76.9	75.2	107.6	323.8	628.2	333.7
9:06:07	5:35:37	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.8	129.0	124.9	120.7	76.9	75.2	107.6	323.8	628.2	333.7
9:07:08	5:36:37	28.9	29.1	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.8	118.7	118.3	118.3	123.1	124.9	120.5	76.9	75.2	107.5	323.8	628.2	333.7
9:08:08	5:37:37	28.9	29.1	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.7	118.7	118.2	117.2	119.1	124.9	120.5	76.9	75.2	107.5	323.8	628.2	333.8
9:09:08	5:38:37	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.6	117.5	124.7	120.4	76.9	75.2	107.5	323.8	628.2	333.7
9:10:08	5:39:37	28.9	29.1	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.3	125.6	124.7	120.4	76.9	75.2	107.5	323.8	628.2	333.8
9:11:08	5:40:38	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.4	123.7	124.9	120.3	76.9	75.2	107.5	323.8	628.2	333.7
9:12:08	5:41:38	28.9	29.1	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.0	119.1	124.7	120.2	76.9	75.2	107.5	323.8	628.2	333.7
9:13:08	5:42:38	28.9	29.1	30.0	71.6	96.6	117.9	118.5	118.3	116.9	118.6	118.6	118.2	119.3	128.0	124.7	120.2	76.9	75.2	107.5	323.8	628.2	333.6
9:14:08	5:43:38	28.9	29.0	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.6	118.2	118.3	122.8	124.5	120.1	76.9	75.1	107.5	323.8	628.2	332.2
9:15:08	5:44:38	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.0	118.9	124.5	120.0	77.0	75.2	107.5	323.8	628.2	332.2
9:16:09	5:45:38	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.7	118.3	120.3	130.9	124.4	119.8	76.9	75.1	107.4	323.8	628.2	333.7
9:17:09	5:46:38	28.9	29.1	30.0	71.6	95.9	118.1	118.8	118.5	117.2	118.9	118.8	118.4	123.3	138.0	124.4	119.8	76.9	75.1	107.5	323.8	628.2	332.1
9:18:09	5:47:38	28.9	29.1	30.0	71.6	95.7	118.3	118.9	118.6	117.3	119.0	118.9	118.5	118.1	121.4	124.3	119.8	76.9	75.1	107.5	323.8	628.2	332.2
9:19:09	5:48:38	28.9	29.1	30.0	72.1	96.6	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.1	115.6	124.4	119.8	76.9	75.1	107.5	323.8	628.2	332.2
9:20:09	5:49:39	28.9	29.0	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.9	115.1	124.2	119.7	76.9	75.1	107.4	323.8	628.2	332.2
9:21:09	5:50:39	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.7	115.1	124.1	119.6	76.9	75.1	107.4	323.8	628.2	332.2
9:22:09	5:51:39	28.9	29.0	30.0	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.2	119.3	128.6	124.1	119.5	76.8	75.2	107.4	323.8	628.2	332.2
9:23:09	5:52:39	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.7	121.9	124.1	119.3	76.8	75.2	107.3	323.8	628.2	332.2
9:24:09	5:53:39	28.9	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	116.7	119.9	124.1	119.3	76.9	75.2	107.3	323.8	628.2	332.2
9:25:10	5:54:39	28.9	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.7	118.6	118.3	120.6	130.4	129.0	119.3	76.9	75.1	107.3	323.8	628.2	332.3
9:26:10	5:55:39	28.9	29.0	30.0	71.6	96.3	118.0	118.7	118.3	117.1	118.8	118.7	118.3	118.1	122.0	129.1	119.3	76.9	75.2	107.4	323.8	628.2	332.2
9:27:10	5:56:39	28.9	29.0	30.0	71.6	96.2	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.0	118.7	129.1	119.2	76.8	75.1	107.3	323.8	628.2	332.2
9:28:10	5:57:39	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.4	117.3	128.8	119.1	76.8	75.2	107.3	323.8	628.2	332.2
9:29:10	5:58:40	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.8	129.1	128.9	119.8	76.8	75.1	107.8	323.8	628.2	332.2
9:30:10	5:59:40	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.8	118.7	118.3	118.1	122.2	128.8	122.4	76.8	75.2	107.8	323.8	628.2	332.2
9:31:10	6:00:40	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.9	118.7	128.8	122.3	76.9	75.1	107.6	323.8	628.2	332.2
9:32:10	6:01:40	28.9	29.0	30.0	71.6	96.8	117.8	118.3	118.2	116.9	118.6	118.6	118.2	117.8	123.9	128.8	122.2	76.8	75.2	107.6	323.8	628.2	332.2
9:33:10	6:02:40	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.7	124.4	128.7	122.1	76.8	75.1	107.7	323.8	628.2	332.2
9:34:11	6:03:40	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.0	127.5	128.7	122.1	76.8	75.2	107.7	323.8	628.2	332.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000232

9:35:11	6:04:40	28.9	29.0	30.0	72.1	96.6	118.1	118.8	118.5	117.2	118.9	118.7	118.3	122.4	134.9	128.7	122.1	76.8	75.1	107.7	323.8	628.2	332.2
9:36:11	6:05:40	28.9	29.0	30.0	71.6	95.9	118.2	118.8	118.5	117.2	118.9	118.8	118.4	117.3	119.3	128.6	122.0	76.9	75.2	107.7	323.8	628.2	332.3
9:37:11	6:06:40	28.9	29.0	30.0	71.6	96.2	118.1	118.8	118.4	117.1	118.8	118.7	118.4	115.9	115.3	128.6	121.9	76.8	75.2	107.6	323.8	628.2	332.3
9:38:11	6:07:41	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.0	128.5	121.8	76.8	75.2	107.6	323.8	628.2	332.2
9:39:11	6:08:41	28.9	29.0	30.0	71.6	96.6	117.9	118.5	118.3	117.0	118.6	118.6	118.2	118.2	125.3	128.5	121.8	76.9	75.2	107.6	323.8	628.2	332.2
9:40:11	6:09:41	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.7	118.3	118.3	123.5	128.4	121.7	76.8	75.2	107.6	323.8	628.2	332.2
9:41:11	6:10:41	28.9	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.2	116.8	118.8	128.4	121.6	76.8	75.2	107.6	323.8	628.2	332.2
9:42:11	6:11:41	28.9	29.0	30.0	71.6	96.7	117.9	118.5	118.2	117.0	118.7	118.6	118.2	119.8	129.1	128.4	121.5	76.8	75.2	107.7	323.8	628.2	332.2
9:43:12	6:12:41	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.8	118.7	118.3	117.8	122.0	128.3	121.5	76.8	75.2	107.6	323.8	628.2	332.2
9:44:12	6:13:41	28.9	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.3	118.7	126.4	128.3	121.4	76.8	75.2	107.6	323.8	628.2	332.2
9:45:12	6:14:41	28.9	29.0	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.9	118.8	118.4	122.7	137.6	128.3	121.3	76.8	75.2	107.7	323.8	628.2	332.2
9:46:12	6:15:41	28.9	29.0	30.0	71.6	95.7	118.3	118.9	118.6	117.3	119.0	118.9	118.5	118.9	124.0	128.1	121.2	76.8	75.2	107.6	323.8	628.2	332.2
9:47:12	6:16:41	28.9	29.0	30.0	72.1	96.3	118.2	118.8	118.6	117.3	118.9	118.8	118.5	116.2	116.0	128.2	121.2	76.8	75.2	107.6	323.8	628.2	332.2
9:48:12	6:17:42	28.9	29.0	30.0	71.6	96.1	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.1	128.1	121.1	76.8	75.3	107.6	323.8	628.2	332.2
9:49:12	6:18:42	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.1	128.1	121.0	76.8	75.3	107.6	323.8	628.2	330.7
9:50:12	6:19:42	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.9	127.3	127.9	121.0	76.8	75.2	107.5	323.8	628.2	332.2
9:51:12	6:20:42	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.1	122.8	127.9	120.9	76.9	75.2	107.5	323.8	628.2	330.6
9:52:13	6:21:42	28.9	29.0	30.0	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	116.7	118.5	127.8	120.8	76.8	75.2	107.5	323.8	628.2	332.2
9:53:13	6:22:42	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.7	126.9	127.8	120.7	76.8	75.2	107.5	323.8	628.2	332.2
9:54:13	6:23:42	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	123.4	127.9	120.7	76.8	75.2	107.5	323.8	628.2	330.7
9:55:13	6:24:42	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.4	122.5	127.7	120.6	76.8	75.1	107.5	323.8	628.2	330.7
9:56:13	6:25:42	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.2	117.1	118.7	118.6	118.3	119.0	125.1	127.6	120.5	76.8	75.1	107.5	323.8	628.2	332.2
9:57:13	6:26:43	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.3	119.8	127.5	120.4	76.8	75.0	107.5	323.8	628.2	330.7
9:58:13	6:27:43	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.3	116.6	117.8	127.5	120.3	76.8	75.0	107.5	323.8	628.2	330.7
9:59:13	6:28:43	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.3	118.3	125.4	127.5	120.2	76.8	75.0	107.4	323.8	628.2	330.7
10:00:13	6:29:43	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.6	118.6	118.3	118.4	123.7	127.4	120.2	76.8	74.9	107.4	323.8	628.2	330.7
10:01:14	6:30:43	28.9	29.0	30.0	72.2	97.2	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.1	119.2	127.5	120.1	76.8	74.9	107.4	323.8	628.2	330.7
10:02:14	6:31:43	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.6	123.2	127.5	120.0	76.8	74.9	107.3	323.8	628.2	330.7
10:03:14	6:32:43	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.8	124.6	127.4	120.0	76.8	75.0	107.3	323.8	628.2	330.6
10:04:14	6:33:43	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.2	117.2	119.6	127.2	119.8	76.8	74.9	107.3	323.8	628.2	330.7
10:05:14	6:34:44	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.6	126.0	127.2	119.8	76.8	74.9	107.3	323.8	628.2	330.7
10:06:14	6:35:44	28.9	29.0	30.0	72.5	97.4	118.0	118.7	118.4	117.1	118.8	118.7	118.3	122.5	137.4	127.2	119.8	76.8	74.9	107.3	323.8	628.2	330.7
10:07:14	6:36:44	28.9	29.0	30.0	72.5	97.1	118.2	118.8	118.5	117.2	119.1	118.9	118.5	120.0	127.1	127.1	119.7	76.8	74.9	107.3	323.8	628.2	330.6
10:08:14	6:37:44	28.9	29.0	30.0	72.5	97.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	116.4	116.6	127.1	119.6	76.8	75.0	107.4	323.8	628.2	330.7
10:09:14	6:38:44	28.9	29.0	30.0	72.1	96.7	118.1	118.8	118.4	117.2	118.9	118.8	118.4	115.9	115.1	127.0	119.5	76.8	74.9	107.3	323.8	628.2	330.7
10:10:15	6:39:44	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.1	127.1	119.5	76.8	74.9	107.3	323.8	628.2	330.7
10:11:15	6:40:44	28.9	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.8	124.5	126.9	119.3	76.8	74.9	107.2	323.8	628.2	330.7
10:12:15	6:41:44	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.6	127.4	126.8	119.3	76.7	74.9	107.3	323.8	628.2	330.7
10:13:15	6:42:44	28.9	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.6	118.3	117.4	120.4	126.8	119.3	76.8	74.9	107.2	323.8	628.2	330.6
10:14:15	6:43:45	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.6	118.8	126.7	119.2	76.7	74.8	107.1	323.8	628.2	330.7
10:15:15	6:44:45	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.8	127.5	126.7	119.1	76.7	74.8	107.2	323.8	628.2	330.7
10:16:15	6:45:45	28.9	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.6	120.7	126.7	120.0	76.7	74.8	107.8	323.8	628.2	330.7
10:17:15	6:46:45	28.9	29.0	30.0	72.5	97.4	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.7	118.1	126.7	122.3	76.7	74.9	107.6	323.8	628.2	330.7
10:18:16	6:47:45	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.6	118.2	116.2	116.9	126.7	122.2	76.7	74.8	107.5	323.8	628.2	330.6
10:19:16	6:48:45	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.9	130.2	126.6	122.2	76.7	74.9	107.6	323.8	628.2	330.6
10:20:16	6:49:45	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.7	118.3	118.2	123.1	126.5	122.1	76.6	74.8	107.5	323.8	628.2	330.7
10:21:16	6:50:45	28.9	29.0	30.0	72.5	97.5	118.0	118.6	118.4	117.1	118.6	118.6	118.3	117.0	119.0	126.4	122.1	76.7	74.8	107.5	323.8	628.2	330.7
10:22:16	6:51:45	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.3	117.3	126.3	122.0	76.7	74.8	107.5	323.8	628.2	329.2
10:23:16	6:52:46	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.8	128.4	126.3	121.9	76.6	74.8	107.5	323.8	628.2	329.2
10:24:16	6:53:46	28.9	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.6	121.1	126.2	121.9	76.7	74.9	107.5	323.8	628.2	329.1
10:25:16	6:54:46	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.7	118.2	126.1	121.8	76.6	74.8	107.5	323.8	628.2	329.2
10:26:16	6:55:46	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.2	119.8	128.9	126.1	121.6	76.6	74.8	107.5	323.8	628.1	329.2
10:27:17	6:56:46	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.8	121.6	126.1	121.7	76.7	74.8	107.4	323.8	628.2	329.2
10:28:17	6:57:46	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	118.4	126.0	121.5	76.6	74.8	107.5	323.8	628.2	329.2
10:29:17	6:58:46	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.8	129.3	125.9	121.5	76.6	74.8	107.5	323.8	628.2	329.2
10:30:17	6:59:46	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.0	122.2	125.8	121.4	76.6	74.8	107.4	323.8	628.2	329.2
10:31:17	7:00:46	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.2	116.9	118.7	125.9	121.4	76.6	74.8	107.4	323.8	628.2	329.2
10:32:17	7:01:47	28.9	29.0	30.0	72.1	97.4	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.4	125.9	125.9	121.3	76.6	74.8	107.4	323.8	628.2	329.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000233

10:33:17	7:03:47	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.3	123.5	125.8	121.2	76.6	74.8	107.5	323.8	628.2	329.2
10:34:17	7:05:47	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.0	119.1	125.7	121.1	76.5	74.8	107.5	323.8	628.2	329.1
10:35:17	7:04:47	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.0	127.5	125.7	121.0	76.6	74.8	107.4	323.8	628.2	329.2
10:36:18	7:05:47	28.9	29.0	30.0	72.0	96.8	118.0	118.7	118.4	117.1	118.7	118.6	118.2	118.3	123.1	125.5	121.0	76.6	74.7	107.3	323.8	628.2	329.2
10:37:18	7:06:47	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.8	118.7	118.3	117.0	119.0	125.5	120.9	76.6	74.8	107.4	323.8	628.2	329.2
10:38:18	7:07:47	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.2	116.4	118.0	125.5	120.8	76.6	74.9	107.4	323.8	628.2	329.2
10:39:18	7:08:47	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	121.3	134.1	125.5	120.7	76.5	74.8	107.4	323.8	628.2	329.3
10:40:18	7:09:47	28.9	29.0	30.0	72.1	96.8	118.1	118.8	118.4	117.1	118.9	118.8	118.4	119.8	126.8	125.4	120.7	76.6	74.8	107.4	323.8	628.2	329.2
10:41:18	7:10:48	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.9	118.8	118.4	117.0	118.1	125.4	120.6	76.6	74.8	107.4	323.8	628.2	329.2
10:42:18	7:11:48	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.8	115.2	125.3	120.5	76.6	74.7	107.3	323.8	628.2	328.1
10:43:18	7:12:48	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.3	115.5	115.6	125.2	120.4	76.5	74.8	107.3	323.8	628.2	327.7
10:44:18	7:13:48	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.6	127.7	125.2	120.3	76.5	74.7	107.3	323.8	628.2	329.2
10:45:19	7:14:48	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.3	120.4	125.3	120.3	76.6	74.8	107.3	323.8	628.2	329.2
10:46:19	7:15:48	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.0	124.6	125.3	120.3	76.6	74.8	107.3	323.8	628.2	329.2
10:47:19	7:16:48	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.8	118.7	118.3	119.0	125.3	125.1	120.2	76.5	74.8	107.3	323.8	628.2	327.6
10:48:19	7:17:48	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.3	119.8	125.1	120.1	76.5	74.8	107.3	323.8	628.2	327.7
10:49:19	7:18:49	28.9	29.0	30.0	72.1	97.3	117.9	118.6	118.2	116.9	118.7	118.6	118.2	116.5	117.6	125.1	120.1	76.5	74.8	107.3	323.8	628.2	327.7
10:50:19	7:19:49	28.9	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.2	119.8	127.7	125.0	119.8	76.4	74.8	107.3	323.8	628.2	327.7
10:51:19	7:20:49	28.9	29.0	30.0	72.1	97.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.6	120.8	124.9	119.8	76.5	74.8	107.3	323.8	628.2	327.5
10:52:19	7:21:49	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.4	117.0	118.7	118.6	118.3	116.7	118.1	124.8	119.8	76.5	74.8	107.2	323.8	628.2	327.7
10:53:19	7:22:49	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.6	118.2	116.4	119.4	124.9	119.7	76.5	74.8	107.2	323.8	628.2	327.6
10:54:20	7:23:49	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.6	127.2	124.8	119.7	76.5	74.7	107.2	323.8	628.2	327.7
10:55:20	7:24:49	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.5	120.5	124.7	119.6	76.5	74.7	107.2	323.8	628.2	327.7
10:56:20	7:25:49	28.9	29.0	30.0	72.1	97.3	117.9	118.6	118.2	116.9	118.6	118.6	118.3	116.6	118.2	124.8	119.5	76.5	74.8	107.2	323.8	628.2	327.7
10:57:20	7:26:49	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	120.0	128.7	124.7	119.5	76.4	74.7	107.2	323.8	628.2	327.7
10:58:20	7:27:50	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.7	118.3	117.8	121.2	124.6	119.3	76.5	74.8	107.2	323.8	628.2	327.7
10:59:20	7:28:50	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.8	118.7	118.3	116.8	118.4	124.6	119.3	76.4	74.7	107.1	323.8	628.1	327.7
11:00:20	7:29:50	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.2	124.9	124.6	119.3	76.4	74.8	107.2	323.8	628.2	327.7
11:01:20	7:30:50	28.9	29.0	30.0	72.5	97.4	118.0	118.7	118.4	117.1	118.8	118.7	118.3	122.4	137.0	124.5	119.2	76.4	74.8	107.2	323.8	628.2	327.7
11:02:21	7:31:50	28.9	29.0	30.0	72.1	96.3	118.2	118.9	118.5	117.3	119.1	118.9	118.5	120.8	129.7	124.5	119.1	76.5	74.7	107.2	323.8	628.2	327.7
11:03:21	7:32:50	28.9	29.0	30.0	72.1	96.3	118.3	118.9	118.6	117.3	119.0	118.8	118.5	116.6	117.2	124.3	121.5	76.4	74.7	108.7	323.8	628.2	327.7
11:04:21	7:33:50	28.9	29.0	30.0	72.1	96.6	118.1	118.8	118.5	117.2	118.9	118.8	118.4	115.9	115.2	124.4	122.3	76.4	74.8	107.6	323.8	628.2	327.7
11:05:21	7:34:50	28.9	29.0	30.0	72.1	96.8	118.1	118.7	118.4	117.2	118.7	118.7	118.3	115.8	115.2	124.3	122.3	76.5	74.7	107.4	323.8	628.2	327.7
11:06:21	7:35:50	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.3	115.6	115.2	124.2	122.2	76.5	74.8	107.5	323.8	628.2	327.7
11:07:21	7:36:51	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.5	118.2	119.6	129.1	124.3	122.1	76.4	74.8	107.5	323.8	628.2	327.7
11:08:21	7:37:51	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.6	121.6	124.3	122.0	76.4	74.8	107.5	323.8	628.2	327.7
11:09:21	7:38:51	28.9	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.6	118.6	118.3	119.9	130.3	124.2	122.0	76.4	74.8	107.5	323.8	628.2	327.7
11:10:21	7:39:51	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.4	123.4	124.2	121.9	76.4	74.7	107.5	323.8	628.2	327.7
11:11:22	7:40:51	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.6	118.3	117.1	119.2	124.2	121.9	76.4	74.8	107.5	323.8	628.2	327.7
11:12:22	7:41:51	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	116.4	117.4	124.1	121.8	76.4	74.8	107.4	323.8	628.2	327.7
11:13:22	7:42:51	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.9	127.4	129.0	121.7	76.4	74.8	107.4	323.8	628.2	327.6
11:14:22	7:43:51	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.3	123.1	128.9	121.7	76.4	74.8	107.4	323.8	628.2	327.6
11:15:22	7:44:52	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.9	118.9	129.1	121.6	76.4	74.8	107.4	323.8	628.2	327.7
11:16:22	7:45:52	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.7	118.6	118.3	118.9	127.4	128.9	121.4	76.4	74.8	107.4	323.8	628.2	327.6
11:17:22	7:46:52	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.3	122.9	128.9	121.4	76.4	74.8	107.5	323.8	628.2	327.7
11:18:22	7:47:52	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.0	118.9	128.8	121.3	76.4	74.8	107.4	323.8	628.2	327.7
11:19:22	7:48:52	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.4	117.3	128.8	121.2	76.4	74.8	107.4	323.8	628.2	327.7
11:20:23	7:49:52	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.8	128.3	128.7	121.1	76.4	74.8	107.3	323.8	628.2	327.7
11:21:23	7:50:52	28.9	29.0	30.0	72.1	97.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.6	121.0	128.7	121.1	76.4	74.8	107.4	323.8	628.2	327.7
11:22:23	7:51:52	28.9	29.0	30.0	71.6	96.5	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.7	118.2	128.8	121.1	76.4	74.9	107.4	323.8	628.2	327.7
11:23:23	7:52:52	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	120.0	129.1	128.6	121.0	76.4	74.8	107.3	323.8	628.2	327.7
11:24:23	7:53:53	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.8	121.6	128.5	120.9	76.4	74.8	107.3	323.8	628.2	327.6
11:25:23	7:54:53	28.9	29.0	30.0	72.1	96.9	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.8	118.4	128.6	120.8	76.4	74.9	107.4	323.8	628.2	327.1
11:26:23	7:55:53	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.7	118.3	119.2	128.2	128.5	120.8	76.4	74.9	107.4	323.8	628.2	327.7
11:27:23	7:56:53	28.9	29.0	30.0	72.1	97.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	120.3	128.9	128.4	120.7	76.4	74.8	107.3	323.8	628.2	327.7
11:28:23	7:57:53	28.9	29.0	30.0	72.1	96.8	118.1	118.8	118.4	117.1	118.9	118.7	118.3	118.0	121.5	128.5	120.6	76.4	74.9	107.3	323.7	628.2	326.2
11:29:24	7:58:53	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.5	114.4	128.3	120.5	76.4	74.9	107.3	323.8	628.2	326.2
11:30:24	7:59:53	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.5	118.2	114.1	113.5	128.4	120.4	76.4	74.9	107.3	323.8	628.2	327.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000234

11:31:24	8:00:53	28.9	29.0	30.0	72.1	97.5	117.8	118.3	118.2	116.9	118.5	118.5	118.1	119.4	129.1	128.2	120.4	76.4	74.9	107.3	323.8	628.2	326.2
11:32:24	8:01:53	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.6	127.1	128.0	120.3	76.4	74.8	107.2	323.8	628.2	326.2
11:33:24	8:02:53	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.0	125.9	128.1	120.2	76.4	74.9	107.3	323.8	628.2	326.1
11:34:24	8:03:54	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.3	119.8	128.1	120.2	76.4	74.8	107.2	323.8	628.2	326.2
11:35:24	8:04:54	28.9	29.0	30.0	71.6	96.6	117.9	118.6	118.2	117.0	118.6	118.6	118.3	116.5	117.6	128.1	120.1	76.4	74.8	107.2	323.8	628.2	326.1
11:36:24	8:05:54	28.9	29.0	30.0	71.9	96.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	119.9	128.6	128.0	120.0	76.4	74.9	107.2	323.8	628.2	326.1
11:37:24	8:06:54	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.7	121.2	127.9	119.8	76.4	74.9	107.2	323.8	628.2	326.6
11:38:24	8:07:54	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.7	118.2	127.9	119.8	76.4	74.9	107.2	323.8	628.2	326.2
11:39:25	8:08:54	28.9	29.0	30.0	72.1	97.1	117.9	118.7	118.2	117.0	118.7	118.6	118.3	121.1	133.2	127.7	119.8	76.4	74.8	107.2	323.8	628.2	326.2
11:40:25	8:09:54	28.9	29.0	30.0	72.1	96.6	118.1	118.8	118.4	117.2	119.0	118.8	118.4	123.7	140.1	127.7	119.7	76.4	74.9	107.3	323.8	628.1	326.2
11:41:25	8:10:54	28.9	29.0	30.0	72.1	96.1	118.3	119.1	118.6	117.4	119.2	118.9	118.6	119.0	124.0	127.6	119.6	76.4	74.9	107.2	323.8	628.2	326.2
11:42:25	8:11:54	28.9	29.0	30.0	72.1	96.3	118.2	118.9	118.5	117.3	119.1	118.9	118.6	116.3	116.0	127.6	119.6	76.4	74.9	107.2	323.8	628.2	326.1
11:43:25	8:12:55	28.9	29.0	30.0	72.0	96.4	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.0	115.1	127.6	119.5	76.4	74.9	107.2	323.8	628.2	326.2
11:44:25	8:13:55	28.9	29.0	30.0	72.1	96.6	118.1	118.8	118.5	117.2	118.8	118.8	118.4	115.8	115.2	127.7	119.5	76.4	74.9	107.2	323.8	628.2	326.2
11:45:25	8:14:55	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.7	118.4	115.6	115.2	127.5	119.3	76.4	74.9	107.2	323.8	628.2	326.1
11:46:25	8:15:55	28.9	29.0	30.0	72.1	97.3	117.9	118.5	118.2	117.0	118.7	118.6	118.3	119.6	129.1	127.4	119.3	76.4	74.9	107.1	323.8	628.2	326.1
11:47:25	8:16:55	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.7	121.9	127.4	119.3	76.4	74.9	107.1	323.8	628.2	326.2
11:48:26	8:17:55	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.5	118.1	127.4	119.2	76.4	74.9	107.0	323.8	628.2	326.1
11:49:26	8:18:55	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	120.0	130.4	127.4	119.2	76.4	74.9	107.1	323.8	628.2	326.1
11:50:26	8:19:55	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.2	122.7	127.3	122.3	76.3	74.9	107.6	323.8	628.2	326.2
11:51:26	8:20:55	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	116.9	118.8	127.3	122.3	76.4	74.9	107.4	323.8	628.2	326.2
11:52:26	8:21:56	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.3	117.2	127.3	122.2	76.3	74.9	107.4	323.8	628.2	324.7
11:53:26	8:22:56	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.9	128.9	127.2	122.1	76.3	74.9	107.4	323.8	628.2	324.6
11:54:26	8:23:56	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.7	121.3	127.1	122.0	76.3	74.9	107.4	323.8	628.2	326.2
11:55:26	8:24:56	28.9	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.5	122.7	126.9	122.0	76.4	74.8	107.4	323.8	628.2	324.7
11:56:26	8:25:56	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.7	118.6	118.3	119.2	125.5	126.9	121.9	76.4	74.8	107.4	323.8	628.2	324.7
11:57:27	8:26:56	28.9	29.0	30.0	72.1	96.8	118.0	118.7	118.4	117.1	118.8	118.6	118.3	117.4	120.0	126.9	121.8	76.4	74.9	107.5	323.8	628.2	326.2
11:58:27	8:27:56	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	116.6	117.8	126.8	121.7	76.3	74.8	107.4	323.8	628.2	324.6
11:59:27	8:28:56	28.9	29.0	30.0	72.1	97.3	117.8	118.5	118.2	116.9	118.6	118.5	118.3	116.1	117.2	126.8	121.6	76.3	74.9	107.4	323.8	628.2	324.6
12:00:27	8:29:56	28.9	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.6	127.5	126.7	121.5	76.3	74.8	107.4	323.8	628.2	324.7
12:01:27	8:30:57	28.9	29.0	30.0	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.4	120.6	126.7	121.5	76.3	74.9	107.4	323.8	628.2	324.7
12:02:27	8:31:57	28.8	29.0	30.0	72.1	97.1	117.9	118.6	118.3	117.0	118.6	118.5	118.2	118.7	126.3	126.7	121.5	76.4	74.9	107.4	323.8	628.2	324.7
12:03:27	8:32:57	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.6	127.0	126.7	121.3	76.3	74.9	107.4	323.8	628.1	324.7
12:04:27	8:33:57	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	117.7	120.7	126.7	121.3	76.4	74.9	107.4	323.8	628.2	324.7
12:05:27	8:34:57	28.9	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.8	118.7	118.3	116.9	118.2	126.6	121.2	76.4	74.9	107.4	323.8	628.2	324.6
12:06:28	8:35:57	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.3	117.1	126.5	121.1	76.4	74.9	107.4	323.8	628.2	324.7
12:07:28	8:36:57	28.8	29.0	30.0	72.1	97.4	117.8	118.5	118.2	116.9	118.6	118.5	118.2	116.2	118.8	126.5	121.1	76.3	74.8	107.3	323.8	628.2	324.7
12:08:28	8:37:57	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.3	127.0	126.4	121.0	76.4	74.9	107.3	323.8	628.2	324.7
12:09:28	8:38:57	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.2	117.2	120.3	126.4	120.9	76.3	74.9	107.3	323.8	628.2	324.6
12:10:28	8:39:58	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.8	129.3	126.4	120.8	76.4	74.9	107.3	323.8	628.2	324.6
12:11:28	8:40:58	28.8	29.0	30.0	72.1	96.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.1	122.4	126.4	120.8	76.3	74.9	107.3	323.8	628.2	324.7
12:12:28	8:41:58	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.8	118.7	118.3	116.9	118.8	126.3	120.7	76.3	74.9	107.3	323.8	628.2	324.7
12:13:28	8:42:58	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.4	117.7	126.2	120.7	76.4	74.9	107.3	323.8	628.2	324.7
12:14:28	8:43:58	28.8	29.0	30.0	72.1	97.2	117.9	118.6	118.2	117.0	118.7	118.5	118.2	119.6	127.2	126.2	120.5	76.3	74.9	107.3	323.8	628.2	324.6
12:15:29	8:44:58	28.9	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.5	120.5	126.3	120.5	76.3	75.0	107.3	323.8	628.2	324.6
12:16:29	8:45:58	28.8	29.0	30.0	72.0	97.2	117.9	118.6	118.2	117.0	118.7	118.6	118.2	118.2	124.7	126.1	120.4	76.3	75.0	107.3	323.8	628.2	324.6
12:17:29	8:46:58	28.8	29.0	30.0	72.5	97.4	118.0	118.7	118.4	117.1	118.8	118.7	118.3	122.4	137.0	126.1	120.4	76.4	75.0	107.3	323.8	628.2	324.7
12:18:29	8:47:58	28.9	29.0	30.0	72.5	97.0	118.2	118.9	118.5	117.2	119.1	118.9	118.4	120.0	127.3	126.0	120.3	76.4	75.0	107.3	323.8	628.2	324.6
12:19:29	8:48:59	28.9	29.0	30.0	72.5	97.1	118.2	118.8	118.5	117.2	119.1	119.0	118.5	116.4	116.7	125.9	120.2	76.4	74.9	107.3	323.8	628.2	324.7
12:20:29	8:49:59	28.9	29.0	30.0	72.5	97.3	118.1	118.8	118.4	117.2	118.9	118.8	118.4	115.9	115.1	125.8	120.1	76.3	74.9	107.3	323.8	628.2	324.6
12:21:29	8:50:59	28.8	29.0	30.0	72.5	97.5	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.7	115.1	125.8	120.0	76.3	74.9	107.2	323.8	628.2	324.7
12:22:29	8:51:59	28.8	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	115.8	118.1	125.8	120.0	76.4	75.0	107.2	323.8	628.2	324.7
12:23:30	8:52:59	28.8	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.7	118.3	119.3	127.1	125.6	120.0	76.4	74.9	107.2	323.8	628.2	324.7
12:24:30	8:53:59	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.9	127.6	125.6	119.8	76.4	74.9	107.3	323.8	628.2	324.6
12:25:30	8:54:59	28.8	29.0	30.0	72.5	97.4	118.1	118.8	118.4	117.1	118.9	118.7	118.4	122.7	138.0	125.5	119.8	76.4	74.9	107.2	323.8	628.2	324.7
12:26:30	8:55:59	28.9	29.0	30.0	72.5	96.9	118.2	118.9	118.5	117.3	119.1	118.8	118.5	118.9	123.9	125.5	119.7	76.4	74.9	107.2	323.8	628.2	324.6
12:27:30	8:56:59	28.9	29.0	30.0	72.5	97.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.2	116.1	125.4	119.7	76.4	74.9	107.2	323.8	628.2	324.7
12:28:30	8:58:00	28.8	29.0	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.9	118.7	118.4	115.8	115.1	125.4	119.6	76.4	74.9	107.2	323.8	628.2	324.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000235

12:29:30	8:59:00	28.8	29.0	30.0	72.5	97.5	118.0	118.7	118.4	117.1	118.7	118.6	118.3	115.6	115.1	125.3	119.5	76.4	74.8	107.1	323.8	628.2	324.7
12:30:30	9:00:00	28.8	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.3	118.3	125.9	125.4	119.3	76.4	74.9	107.2	323.8	628.2	324.7
12:31:30	9:01:00	28.8	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.3	123.8	125.3	119.3	76.4	74.9	107.2	323.8	628.2	324.7
12:32:31	9:02:00	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.7	118.9	125.2	119.3	76.4	74.9	107.2	323.8	628.2	324.7
12:33:31	9:03:00	28.8	29.0	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	120.4	131.9	125.1	119.2	76.3	74.9	107.1	323.8	628.2	324.7
12:34:31	9:04:00	28.9	29.0	30.0	72.5	97.2	118.1	118.8	118.5	117.2	118.9	118.8	118.4	123.2	138.3	125.0	119.1	76.4	74.9	107.1	323.8	628.2	324.7
12:35:31	9:05:00	28.9	29.0	30.0	72.5	96.9	118.2	118.9	118.5	117.3	119.1	118.8	118.5	118.1	121.5	125.0	119.1	76.4	75.0	107.2	323.8	628.2	324.7
12:36:31	9:06:01	28.8	29.0	30.0	72.5	96.9	118.3	118.9	118.6	117.3	119.0	118.9	118.5	116.1	115.6	124.9	122.2	76.4	75.0	107.7	323.8	628.2	324.7
12:37:31	9:07:01	28.8	29.0	30.0	72.5	97.3	118.1	118.7	118.5	117.2	118.8	118.8	118.4	115.7	115.0	124.9	122.2	76.4	75.0	107.5	323.8	628.2	324.6
12:38:31	9:08:01	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.7	118.3	115.5	115.0	125.0	122.1	76.4	74.9	107.4	323.8	628.2	324.6
12:39:31	9:09:01	28.8	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.8	127.6	124.8	122.0	76.4	74.9	107.4	323.8	628.2	324.7
12:40:32	9:10:01	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.7	118.3	118.0	122.8	124.8	122.0	76.4	74.9	107.4	323.8	628.2	323.1
12:41:32	9:11:01	28.8	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.7	118.6	118.3	116.6	118.6	124.7	121.9	76.4	75.0	107.5	323.8	628.2	323.2
12:42:32	9:12:01	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	120.8	131.8	124.6	121.8	76.3	74.9	107.4	323.8	628.2	323.1
12:43:32	9:13:01	28.8	29.0	30.0	72.5	97.4	118.0	118.7	118.4	117.1	118.8	118.7	118.4	118.2	122.4	124.6	121.7	76.4	74.9	107.4	323.8	628.2	323.1
12:44:32	9:14:02	28.8	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.1	113.9	124.6	121.7	76.4	74.9	107.4	323.8	628.2	323.1
12:45:32	9:15:02	28.8	29.0	30.0	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.5	118.2	116.7	121.8	124.6	121.6	76.4	74.9	107.4	323.8	628.2	323.2
12:46:32	9:16:02	28.8	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.3	118.8	125.7	124.7	121.6	76.4	75.0	107.5	323.8	628.2	323.4
12:47:32	9:17:02	28.8	29.0	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.8	129.3	124.5	121.5	76.4	74.9	107.4	323.8	628.2	323.1
12:48:33	9:18:02	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.6	121.2	124.4	121.4	76.4	74.9	107.4	323.8	628.2	323.1
12:49:33	9:19:02	28.8	29.0	30.0	72.5	97.7	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.8	124.0	124.5	121.4	76.4	75.0	107.4	323.8	628.2	323.2
12:50:33	9:20:02	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.8	124.5	124.5	121.2	76.4	75.0	107.4	323.8	628.2	323.2
12:51:33	9:21:02	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.8	118.6	118.3	117.2	119.5	124.3	121.1	76.4	75.0	107.4	323.8	628.2	323.1
12:52:33	9:22:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.5	117.5	124.3	121.1	76.4	75.0	107.4	323.8	628.2	323.1
12:53:33	9:23:03	28.8	29.0	30.0	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.0	127.9	124.3	121.1	76.4	75.0	107.3	323.8	628.2	323.1
12:54:33	9:24:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.3	123.1	124.3	121.0	76.4	75.0	107.4	323.8	628.2	323.1
12:55:33	9:25:03	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	116.9	118.9	124.2	120.9	76.4	75.0	107.3	323.8	628.2	323.2
12:56:33	9:26:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	129.0	124.1	120.7	76.4	75.0	107.4	323.8	628.2	323.2
12:57:34	9:27:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.8	121.8	128.2	120.7	76.4	75.0	107.4	323.8	628.2	323.1
12:58:34	9:28:03	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.5	118.3	116.9	118.5	129.3	120.7	76.4	75.0	107.3	323.8	628.2	323.2
12:59:34	9:29:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.8	126.8	129.3	120.6	76.4	75.0	107.3	323.8	628.2	323.1
13:00:34	9:30:03	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.8	118.7	118.3	118.4	123.8	129.2	120.5	76.4	75.0	107.4	323.8	628.2	321.6
13:01:34	9:31:03	28.8	29.0	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.1	119.3	129.1	120.4	76.4	75.0	107.3	323.8	628.2	321.7
13:02:34	9:32:04	28.8	29.0	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.8	118.7	118.4	120.9	132.6	129.2	120.4	76.4	75.0	107.3	323.8	628.2	321.7
13:03:34	9:33:04	28.8	29.0	30.0	72.5	97.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	122.0	133.3	129.1	120.3	76.4	75.0	107.4	323.8	628.2	321.6
13:04:34	9:34:04	28.8	29.0	30.0	72.5	97.1	118.2	118.8	118.5	117.2	119.1	118.8	118.5	117.1	118.5	129.1	120.2	76.5	75.0	107.4	323.8	628.2	321.6
13:05:34	9:35:04	28.8	29.0	30.0	72.5	97.3	118.1	118.8	118.4	117.2	118.9	118.7	118.4	115.9	115.2	129.1	120.1	76.4	75.0	107.3	323.8	628.2	321.7
13:06:35	9:36:04	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.7	115.0	129.0	120.0	76.4	75.0	107.3	323.8	628.2	321.5
13:07:35	9:37:04	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.5	115.1	129.1	120.0	76.4	75.0	107.2	323.8	628.2	321.7
13:08:35	9:38:04	28.8	28.9	30.0	72.5	98.1	117.8	118.3	118.1	117.0	118.6	118.5	118.2	119.6	129.1	129.0	119.8	76.4	75.0	107.2	323.8	628.2	321.6
13:09:35	9:39:04	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.8	123.6	128.9	119.8	76.4	75.1	107.2	323.8	628.2	321.7
13:10:35	9:40:05	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.0	136.2	128.8	119.7	76.4	75.0	107.2	323.8	628.2	321.6
13:11:35	9:41:05	28.8	28.9	30.0	72.5	96.9	118.2	118.9	118.5	117.3	119.0	118.8	118.4	120.3	128.1	128.9	119.7	76.4	75.1	107.3	323.8	628.2	321.7
13:12:35	9:42:05	28.8	29.0	30.0	72.5	97.0	118.2	118.8	118.5	117.3	119.0	118.8	118.4	116.4	116.9	128.8	119.6	76.4	75.1	107.3	323.8	628.2	321.6
13:13:35	9:43:05	28.8	28.9	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.8	118.7	118.4	115.8	115.1	128.7	119.5	76.4	75.1	107.3	323.8	628.2	321.6
13:14:36	9:44:05	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.6	115.0	128.6	119.5	76.4	75.1	107.2	323.8	628.2	321.7
13:15:36	9:45:05	28.8	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.9	121.8	128.6	119.3	76.5	75.2	107.2	323.8	628.2	321.7
13:16:36	9:46:05	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.9	125.6	128.6	119.3	76.4	75.2	107.2	323.8	628.2	321.6
13:17:36	9:47:05	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.2	117.1	118.7	118.5	118.3	118.2	125.7	128.5	119.3	76.4	75.1	107.2	323.8	628.2	321.6
13:18:36	9:48:05	28.8	29.0	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.7	118.4	122.4	137.1	128.5	119.2	76.4	75.2	107.2	323.8	628.2	321.7
13:19:36	9:49:06	28.8	29.0	30.0	72.5	97.1	118.2	118.8	118.5	117.2	119.1	118.8	118.5	119.4	125.9	128.3	119.1	76.4	75.2	107.2	323.8	628.2	321.7
13:20:36	9:50:06	28.8	28.9	30.0	72.5	97.1	118.2	118.8	118.4	117.3	119.0	118.8	118.5	116.2	116.3	128.4	119.6	76.4	75.2	107.5	323.8	628.2	321.7
13:21:36	9:51:06	28.8	28.9	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.8	118.7	118.4	115.8	115.0	128.2	122.3	76.5	75.2	107.6	323.8	628.2	321.7
13:22:36	9:52:06	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.6	115.0	128.1	122.2	76.5	75.2	107.5	323.8	628.2	321.6
13:23:37	9:53:06	28.8	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.6	129.1	128.1	122.1	76.5	75.3	107.5	323.8	628.2	321.6
13:24:37	9:54:06	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.2	117.1	118.7	118.5	118.3	117.6	121.5	128.1	122.1	76.5	75.2	107.5	323.8	628.2	321.7
13:25:37	9:55:06	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.0	124.8	128.0	122.0	76.5	75.3	107.5	323.8	628.2	320.1
13:26:37	9:56:06	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.2	117.1	118.7	118.6	118.3	118.8	124.7	127.9	122.0	76.5	75.2	107.5	323.8	628.2	320.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000236

13:27:37	9:57:06	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.2	119.6	127.9	121.9	76.5	75.2	107.5	323.8	628.2	320.1
13:28:37	9:58:07	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.5	118.3	116.4	117.5	127.8	121.7	76.4	75.2	107.5	323.8	628.2	320.1
13:29:37	9:59:07	28.8	28.9	30.0	72.5	97.6	118.0	118.7	118.2	117.1	118.7	118.6	118.3	120.9	132.8	127.7	121.7	76.5	75.2	107.5	323.8	628.2	320.1
13:30:37	10:00:07	28.8	28.9	30.0	72.5	97.2	118.1	118.8	118.4	117.2	118.9	118.7	118.5	123.0	136.8	127.8	121.6	76.5	75.2	107.6	323.8	628.2	320.2
13:31:37	10:01:07	28.8	28.9	30.0	72.5	96.8	118.3	118.9	118.6	117.4	119.1	118.9	118.6	117.7	120.3	127.6	121.6	76.5	75.2	107.5	323.8	628.2	320.2
13:32:37	10:02:07	28.8	28.9	30.0	72.5	97.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.0	115.5	127.6	121.5	76.6	75.3	107.6	323.8	628.2	320.1
13:33:38	10:03:07	28.8	28.9	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.8	118.7	118.4	115.7	115.0	127.5	121.4	76.5	75.3	107.5	323.8	628.2	320.0
13:34:38	10:04:07	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.6	115.2	127.4	121.4	76.6	75.3	107.5	323.8	628.2	320.1
13:35:38	10:05:07	28.8	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.8	129.1	127.5	121.3	76.6	75.3	107.5	323.8	628.2	320.2
13:36:38	10:06:07	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.6	121.5	127.5	121.2	76.6	75.3	107.5	323.8	628.2	320.1
13:37:38	10:07:08	28.8	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.6	123.6	127.5	121.1	76.6	75.3	107.6	323.8	628.2	320.1
13:38:38	10:08:08	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.8	118.6	118.3	118.9	125.1	127.5	121.1	76.6	75.3	107.5	323.8	628.2	320.1
13:39:38	10:09:08	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.2	119.7	127.4	121.0	76.6	75.3	107.5	323.8	628.2	320.1
13:40:38	10:10:08	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.4	117.6	127.4	120.9	76.5	75.4	107.5	323.7	628.2	320.2
13:41:39	10:11:08	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	120.3	130.3	127.2	120.8	76.6	75.3	107.5	323.8	628.2	320.1
13:42:39	10:12:08	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.1	122.3	127.1	120.8	76.6	75.3	107.5	323.8	628.2	320.1
13:43:39	10:13:08	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.6	118.3	116.9	118.7	127.0	120.7	76.6	75.3	107.5	323.8	628.2	320.1
13:44:39	10:14:08	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.3	117.2	127.2	120.6	76.6	75.3	107.5	323.8	628.2	320.1
13:45:39	10:15:08	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.5	118.3	119.8	129.1	127.2	120.6	76.6	75.3	107.5	323.8	628.2	320.1
13:46:39	10:16:09	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.8	121.9	127.1	120.5	76.6	75.3	107.5	323.8	628.2	320.1
13:47:39	10:17:09	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.7	118.5	127.1	120.4	76.6	75.4	107.5	323.8	628.2	320.1
13:48:39	10:18:09	28.8	28.9	30.0	72.5	98.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	117.6	123.5	127.0	120.3	76.6	75.3	107.5	323.8	628.2	320.2
13:49:39	10:19:09	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.8	124.7	126.8	120.2	76.6	75.4	107.5	323.8	628.2	320.1
13:50:39	10:20:09	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.1	119.6	126.7	120.2	76.6	75.3	107.4	323.8	628.2	320.1
13:51:40	10:21:09	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.0	124.5	126.8	120.1	76.6	75.3	107.4	323.8	628.2	320.2
13:52:40	10:22:09	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.8	124.5	126.8	120.0	76.6	75.3	107.4	323.8	628.2	320.2
13:53:40	10:23:09	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.6	118.3	117.2	119.6	126.6	120.0	76.6	75.3	107.4	323.8	628.2	320.1
13:54:40	10:24:09	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.3	116.6	117.6	126.7	119.8	76.6	75.3	107.4	323.8	628.2	320.1
13:55:40	10:25:10	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.6	129.1	126.6	119.8	76.6	75.3	107.4	323.8	628.2	320.1
13:56:40	10:26:10	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.0	122.2	126.4	119.8	76.6	75.3	107.3	323.8	628.2	320.1
13:57:40	10:27:10	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.8	118.6	126.4	119.7	76.6	75.3	107.3	323.8	628.2	320.1
13:58:40	10:28:10	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.8	120.6	126.4	119.7	76.6	75.3	107.3	323.8	628.2	320.2
13:59:41	10:29:10	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	119.2	125.9	126.3	119.5	76.6	75.3	107.3	323.8	628.2	320.1
14:00:41	10:30:10	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.3	120.0	126.3	119.5	76.6	75.3	107.3	323.8	628.2	320.1
14:01:41	10:31:10	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.9	127.0	126.2	119.3	76.6	75.3	107.3	323.8	628.2	320.1
14:02:41	10:32:10	28.8	28.9	30.0	72.5	97.4	118.1	118.8	118.4	117.1	118.8	118.7	118.3	122.7	137.8	126.2	119.3	76.6	75.3	107.3	323.8	628.2	320.1
14:03:41	10:33:10	28.8	28.9	30.0	72.5	96.8	118.3	119.1	118.6	117.3	119.1	118.9	118.5	122.2	133.3	126.1	119.3	76.6	75.3	107.4	323.8	628.2	320.2
14:04:41	10:34:11	28.8	28.9	30.0	72.5	96.6	118.4	119.1	118.7	117.4	119.2	119.0	118.6	117.3	118.6	126.2	119.2	76.6	75.3	107.3	323.8	628.2	320.2
14:05:41	10:35:11	28.8	28.9	30.0	72.5	97.0	118.2	118.9	118.5	117.2	119.1	118.9	118.6	116.1	115.3	126.1	119.2	76.6	75.3	107.3	323.8	628.2	320.1
14:06:41	10:36:11	28.8	28.9	30.0	72.5	97.1	118.2	118.8	118.5	117.2	118.9	118.7	118.5	115.9	115.2	126.0	119.1	76.6	75.3	107.3	323.8	628.2	320.1
14:07:42	10:37:11	28.8	28.9	30.0	72.5	97.4	118.1	118.7	118.4	117.2	118.8	118.7	118.4	115.8	115.3	126.0	122.1	76.7	75.4	108.8	323.8	628.2	320.1
14:08:42	10:38:11	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.3	115.4	115.2	125.9	122.3	76.6	75.3	107.7	323.8	628.2	320.2
14:09:42	10:39:11	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.8	129.6	125.8	122.3	76.6	75.3	107.6	323.8	628.2	318.6
14:10:42	10:40:11	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.5	121.5	125.8	122.2	76.6	75.3	107.6	323.8	628.2	320.1
14:11:42	10:41:11	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.5	123.4	125.8	122.1	76.6	75.3	107.6	323.8	628.2	318.6
14:12:42	10:42:12	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.0	136.3	125.7	122.0	76.6	75.4	107.7	323.8	628.2	318.6
14:13:42	10:43:12	28.8	28.9	30.0	72.5	96.9	118.2	118.9	118.5	117.3	119.0	118.8	118.5	120.7	129.7	125.8	122.0	76.6	75.3	107.7	323.8	628.2	318.6
14:14:42	10:44:12	28.8	28.9	30.0	72.5	97.1	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.5	117.2	125.7	121.9	76.6	75.4	107.7	323.8	628.2	320.1
14:15:42	10:45:12	28.8	28.9	30.0	72.5	97.3	118.1	118.8	118.4	117.2	118.9	118.7	118.4	115.8	115.1	125.6	121.8	76.6	75.4	107.7	323.8	628.2	318.7
14:16:42	10:46:12	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.8	118.7	118.4	115.6	115.0	125.7	121.7	76.6	75.4	107.6	323.8	628.2	318.7
14:17:43	10:47:12	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.2	119.6	125.7	121.7	76.6	75.4	107.6	323.8	628.2	318.6
14:18:43	10:48:12	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.2	126.5	125.5	121.6	76.6	75.3	107.7	323.8	628.2	318.7
14:19:43	10:49:12	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.0	119.8	125.5	121.5	76.6	75.3	107.6	323.8	628.2	318.7
14:20:43	10:50:12	28.8	28.9	30.0	72.5	97.9	117.9	118.5	118.2	117.0	118.7	118.6	118.3	117.7	123.9	125.4	121.4	76.6	75.4	107.6	323.8	628.2	318.7
14:21:43	10:51:13	28.8	28.9	30.0	72.5	97.6	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.7	124.5	125.4	121.4	76.6	75.4	107.7	323.8	628.2	318.7
14:22:43	10:52:13	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.1	119.4	125.3	121.3	76.7	75.4	107.6	323.8	628.2	318.6
14:23:43	10:53:13	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.3	117.4	125.1	121.2	76.6	75.3	107.6	323.8	628.2	318.6
14:24:43	10:54:13	28.8	28.9	30.0	72.5	98.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.9	127.4	125.1	121.2	76.7	75.4	107.6	323.8	628.2	318.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000237

14:25:44	10:55:13	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.2	123.1	125.1	121.1	76.6	75.3	107.6	323.8	628.2	318.6
14:26:44	10:56:13	28.8	28.9	30.0	72.5	97.9	117.9	118.6	118.2	116.9	118.7	118.6	118.3	116.9	119.3	125.1	121.1	76.7	75.3	107.6	323.8	628.2	318.7
14:27:44	10:57:13	28.8	28.9	30.0	72.5	97.5	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.4	126.7	125.0	121.0	76.7	75.3	107.6	323.8	628.2	318.6
14:28:44	10:58:13	28.8	28.9	30.0	72.5	97.6	118.0	118.7	118.3	117.0	118.8	118.6	118.3	117.5	120.4	124.9	120.9	76.6	75.3	107.6	323.8	628.2	318.6
14:29:44	10:59:13	28.8	28.9	30.0	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.6	118.0	124.9	120.8	76.6	75.3	107.5	323.8	628.2	318.7

EXPOSURE(2) SUMMARY 06/15/2015 14:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:31	11:00:00	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	118.4	124.8	120.8	76.7	75.3	107.5	323.8	628.2	318.6

START PRESS: 0028.8 MAX PRESS: 0029.0 MAX TEMP: 119.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.5 MAX GAS TEMP: 085.3
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.1 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.2
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.6
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/15/2015 14:45:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:31	0:00:00	28.8	28.9	30.0	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	118.4	124.8	120.8	76.7	75.3	107.5	323.8	628.2	318.6
14:31:31	0:01:00	28.1	28.2	30.0	71.6	97.1	117.7	118.3	118.0	116.8	118.4	118.2	117.9	118.9	125.5	124.8	120.7	76.7	83.9	107.6	323.8	628.2	312.6
14:32:31	0:02:00	27.4	27.5	30.0	70.2	95.5	117.6	118.3	117.9	116.6	118.3	118.2	117.8	118.7	124.6	124.7	120.7	76.7	86.6	107.6	323.8	628.2	305.0
14:33:31	0:03:00	26.7	26.9	30.0	68.9	93.8	117.5	118.3	117.9	116.5	118.3	118.2	117.7	118.9	126.8	124.6	120.5	76.6	88.3	107.6	323.8	628.2	296.0
14:34:31	0:04:00	26.1	26.2	30.0	68.0	92.6	117.5	118.3	117.9	116.5	118.3	118.2	117.8	119.6	127.8	124.6	120.4	76.6	89.2	107.6	323.8	628.2	290.1
14:35:31	0:05:00	25.4	25.5	30.0	66.6	90.8	117.5	118.3	117.8	116.5	118.3	118.1	117.7	119.8	127.1	124.5	120.4	76.6	90.0	107.6	323.8	628.2	280.9
14:36:31	0:06:01	24.7	24.8	30.0	65.7	89.7	117.4	118.2	117.8	116.4	118.3	118.2	117.7	119.6	126.1	124.5	120.3	76.6	90.5	107.6	323.8	628.2	273.4
14:37:31	0:07:01	24.0	24.1	30.0	64.3	87.7	117.5	118.3	117.9	116.4	118.4	118.2	117.7	119.4	125.0	124.6	120.2	76.6	90.8	107.6	323.8	628.2	265.9
14:38:31	0:08:01	23.4	23.5	30.0	63.0	85.6	117.6	118.3	118.0	116.4	118.4	118.2	117.7	119.2	124.8	124.4	120.2	76.6	91.0	107.6	323.8	628.2	260.1
14:39:32	0:09:01	22.6	22.8	30.0	62.1	84.6	117.5	118.3	117.9	116.4	118.4	118.2	117.7	119.3	126.1	124.4	120.1	76.6	91.3	107.6	323.8	628.2	252.3
14:40:32	0:10:01	22.0	22.1	30.0	61.2	83.4	117.5	118.3	117.9	116.3	118.4	118.2	117.6	119.6	127.1	124.3	120.0	76.6	91.5	107.6	323.8	628.2	243.3
14:41:32	0:11:01	21.3	21.4	30.0	60.3	82.2	117.5	118.3	117.9	116.3	118.3	118.2	117.5	119.6	127.0	124.2	119.8	76.6	91.7	107.6	323.8	628.2	235.8
14:42:32	0:12:01	20.6	20.7	30.0	58.9	80.3	117.5	118.3	117.9	116.3	118.3	118.2	117.5	119.3	125.7	124.2	119.8	76.6	92.1	107.6	323.8	628.2	228.2

STERILANT REMOVAL SUMMARY 06/15/2015 14:57:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:38	0:12:06	20.5	20.6	30.0	58.9	80.2	117.5	118.3	117.9	116.3	118.4	118.2	117.6	119.8	127.4	124.2	119.8	76.7	92.1	107.6	323.8	628.2	226.8

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.6 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.8 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.2 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.8

POST N2 WASH(1) (Loop:1/6) 06/15/2015 14:57:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:38	0:00:00	20.5	20.6	30.0	58.9	80.2	117.5	118.3	117.9	116.3	118.4	118.2	117.6	119.8	127.4	124.2	119.8	76.7	92.1	107.6	323.8	628.2	226.8
14:44:38	0:02:00	23.2	23.3	30.0	62.1	82.6	118.4	119.3	118.9	117.2	119.3	119.2	118.6	120.0	127.7	124.1	119.7	102.7	89.0	107.5	323.8	628.2	238.8
14:46:39	0:04:00	25.9	26.0	30.0	62.1	81.6	118.9	119.7	119.3	117.7	119.7	119.5	119.0	120.1	127.7	129.6	119.5	109.8	86.4	107.6	323.8	628.2	231.3

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/15/2015 15:03:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:32	0:05:53	28.5	28.6	30.0	61.1	80.1	119.0	119.8	119.4	117.9	120.0	119.8	119.3	119.8	126.9	129.2	119.2	110.8	84.5	107.6	323.8	628.2	219.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000238

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.8 MAX GAS TEMP: 110.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:1/6) 06/15/2015 15:03:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:32	0:00:00	28.5	28.6	30.0	61.1	80.1	119.0	119.8	119.4	117.9	120.0	119.8	119.3	119.8	126.9	129.2	119.2	110.8	84.5	107.6	323.8	628.2	219.3
14:50:32	0:02:00	25.8	25.9	30.0	54.8	74.0	117.8	118.7	118.2	116.7	118.8	118.5	118.0	119.8	126.8	129.2	122.3	104.7	92.4	108.1	323.8	628.2	183.8
14:52:32	0:04:00	23.1	23.2	30.0	51.6	70.2	117.6	118.3	118.0	116.4	118.3	118.2	117.5	119.6	126.7	129.1	122.1	98.7	94.6	107.9	323.8	628.2	162.0

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/15/2015 15:08:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:25	0:05:53	20.5	20.6	30.0	48.9	67.0	117.3	118.2	117.7	116.1	118.2	118.0	117.3	119.2	124.4	129.0	122.0	94.4	95.9	107.9	323.8	628.2	147.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.2 MAX GAS TEMP: 110.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.9 MIN GAS TEMP: 094.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.0

POST N2 WASE(1) (Loop:2/6) 06/15/2015 15:08:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:25	0:00:00	20.5	20.6	30.0	48.9	67.0	117.3	118.2	117.7	116.1	118.2	118.0	117.3	119.2	124.4	129.0	122.0	94.4	95.9	107.9	323.8	628.2	147.0
14:56:25	0:02:00	23.2	23.3	30.0	51.6	68.4	118.6	119.4	119.0	117.4	119.5	119.3	118.8	119.2	124.7	129.0	121.8	107.8	91.3	107.9	323.8	628.2	157.5
14:58:26	0:04:00	25.9	26.0	30.0	52.1	68.3	119.0	119.7	119.3	117.9	119.9	119.6	119.3	119.2	125.0	129.0	121.5	112.5	87.8	107.9	323.8	628.2	156.0

POST N2 WASE(1) (Loop:2/6) SUMMARY 06/15/2015 15:14:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:19	0:05:53	28.5	28.6	30.0	51.6	67.2	119.2	120.1	119.5	118.2	120.2	119.8	119.6	119.3	123.6	128.9	121.3	113.0	85.4	107.9	323.8	628.2	149.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.1 MAX GAS TEMP: 113.0
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.8 MIN GAS TEMP: 094.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.2

POST EVACUATION(1) (Loop:2/6) 06/15/2015 15:14:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:19	0:00:00	28.5	28.6	30.0	51.6	67.2	119.2	120.1	119.5	118.2	120.2	119.8	119.6	119.3	123.6	128.9	121.3	113.0	85.4	107.9	323.8	628.2	149.9
15:02:19	0:02:00	25.8	25.9	30.0	47.5	64.0	118.0	118.8	118.3	116.9	118.8	118.5	118.1	119.4	123.8	128.7	121.1	107.1	92.6	107.9	323.8	628.2	127.3
15:04:19	0:04:00	23.1	23.2	30.0	44.8	60.8	117.6	118.5	118.0	116.5	118.5	118.2	117.7	119.8	124.5	128.7	121.0	101.3	95.4	107.9	323.8	628.2	112.3

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/15/2015 15:20:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:12	0:05:53	20.5	20.6	30.0	43.0	58.7	117.4	118.3	117.8	116.2	118.3	118.0	117.4	120.3	126.4	128.6	120.8	96.9	97.0	107.9	323.8	628.2	104.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000239

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.9 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.6 MIN GAS TEMP: 096.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: -000.1 EO USED CYCLE:021.2 MIN VAP TEMP: 120.8

POST N2 WASH(1) (Loop:3/6) 06/15/2015 15:20:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:12	0:00:00	20.5	20.6	30.0	43.0	58.7	117.4	118.3	117.8	116.2	118.3	118.0	117.4	120.3	126.4	128.6	120.8	96.9	97.0	107.9	323.8	628.2	104.6
15:08:12	0:02:00	23.2	23.3	30.0	45.7	60.4	118.7	119.4	119.0	117.6	119.6	119.3	118.9	120.3	126.7	128.5	120.6	107.8	92.6	107.8	323.8	628.2	113.8
15:10:12	0:04:00	25.9	26.0	30.0	46.6	60.9	119.1	119.8	119.4	118.1	120.0	119.7	119.5	120.4	127.3	128.4	120.3	111.8	89.3	107.8	323.8	628.2	113.8

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/15/2015 15:26:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:06	0:05:54	28.5	28.6	30.0	46.6	60.6	119.3	120.1	119.6	118.4	120.2	119.9	119.7	120.3	127.7	128.4	120.1	112.2	86.8	107.7	323.8	628.2	109.2

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.7 MAX GAS TEMP: 112.3
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.3 MIN GAS TEMP: 096.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.0

POST EVACUATION(1) (Loop:3/6) 06/15/2015 15:26:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:06	0:00:00	28.5	28.6	30.0	46.6	60.6	119.3	120.1	119.6	118.4	120.2	119.9	119.7	120.3	127.7	128.4	120.1	112.2	86.8	107.7	323.8	628.2	109.2
15:14:06	0:02:00	25.8	25.9	30.0	43.0	57.7	118.1	118.8	118.3	117.1	118.9	118.6	118.2	119.8	127.0	128.1	119.8	106.8	93.9	107.7	323.8	628.2	92.7
15:16:06	0:04:00	23.1	23.2	30.0	40.7	55.2	117.7	118.5	118.0	116.6	118.5	118.3	117.8	119.8	126.8	128.0	119.8	101.3	97.2	107.7	323.8	628.2	83.7

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/15/2015 15:32:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:00	0:05:54	20.5	20.6	30.0	39.8	54.3	117.5	118.3	117.8	116.4	118.3	118.1	117.5	119.2	124.9	127.9	119.6	97.2	98.7	107.7	323.8	628.2	79.2

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.4 MAX GAS TEMP: 112.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.8 MIN GAS TEMP: 097.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.6

POST N2 WASH(1) (Loop:4/6) 06/15/2015 15:32:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:00	0:00:00	20.5	20.6	30.0	39.8	54.3	117.5	118.3	117.8	116.4	118.3	118.1	117.5	119.2	124.9	127.9	119.6	97.2	98.7	107.7	323.8	628.2	79.2
15:20:00	0:02:00	23.2	23.3	30.0	42.5	56.1	118.8	119.6	119.1	117.7	119.7	119.4	119.1	119.2	124.1	127.9	119.3	107.2	95.1	107.7	323.8	628.2	88.2
15:22:00	0:04:00	25.9	26.1	30.0	43.0	56.2	119.1	119.8	119.4	118.1	120.1	119.8	119.6	118.9	123.2	127.9	119.2	111.1	91.6	107.6	323.8	628.2	88.0

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/15/2015 15:38:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:23:53	0:05:53	28.5	28.6	30.0	43.4	56.4	119.3	120.1	119.6	118.4	120.3	120.0	119.8	119.3	123.2	127.7	122.3	112.2	89.0	108.3	323.8	628.2	86.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000240

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.1 MAX GAS TEMP: 112.2
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.6 MIN GAS TEMP: 096.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:4/6) 06/15/2015 15:38:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:23:53	0:00:00	28.5	28.6	30.0	43.4	56.4	119.3	120.1	119.6	118.4	120.3	120.0	119.8	119.3	123.2	127.7	122.3	112.2	89.0	108.3	323.8	628.2	86.7
15:25:53	0:02:00	25.8	25.9	30.0	40.3	54.1	118.0	118.8	118.3	117.1	118.9	118.6	118.3	119.6	124.0	127.5	122.2	107.2	95.1	107.9	323.8	628.2	74.7
15:27:53	0:04:00	23.0	23.1	30.0	38.5	52.1	117.7	118.5	118.0	116.7	118.5	118.3	117.9	119.8	124.7	127.6	122.1	101.7	97.9	107.9	323.8	628.2	67.2

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/15/2015 15:44:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:45	0:05:52	20.5	20.6	30.0	37.1	50.6	117.5	118.3	117.8	116.4	118.4	118.1	117.7	120.3	126.5	127.4	121.9	97.6	99.3	108.0	323.8	628.2	64.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.7 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.3 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.9

POST N2 WASH(1) (Loop:5/6) 06/15/2015 15:44:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:45	0:00:00	20.5	20.6	30.0	37.1	50.6	117.5	118.3	117.8	116.4	118.4	118.1	117.7	120.3	126.5	127.4	121.9	97.6	99.3	108.0	323.8	628.2	64.1
15:31:45	0:02:00	23.2	23.3	30.0	39.8	52.4	118.8	119.6	119.1	117.8	119.7	119.4	119.1	120.3	126.8	127.3	121.7	108.7	95.7	107.9	323.7	628.2	71.6
15:33:45	0:04:00	25.9	26.0	30.0	40.7	53.0	119.2	119.9	119.5	118.3	120.1	119.8	119.6	120.4	127.4	127.1	121.5	112.9	92.3	107.9	323.7	628.2	73.2

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/15/2015 15:50:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:38	0:05:53	28.5	28.6	30.0	41.2	53.3	119.4	120.2	119.7	118.5	120.3	120.0	119.9	120.1	127.5	127.1	121.2	113.3	89.7	107.9	323.8	628.2	71.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.4 MAX GAS TEMP: 113.3
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.0 MIN GAS TEMP: 097.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.1

POST EVACUATION(1) (Loop:5/6) 06/15/2015 15:50:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:38	0:00:00	28.5	28.6	30.0	41.2	53.3	119.4	120.2	119.7	118.5	120.3	120.0	119.9	120.1	127.5	127.1	121.2	113.3	89.7	107.9	323.8	628.2	71.7
15:37:38	0:02:00	25.8	25.9	30.0	38.0	51.0	118.1	118.8	118.3	117.2	118.9	118.6	118.4	119.9	127.1	127.0	121.0	107.8	95.4	107.9	323.8	628.2	61.1
15:39:39	0:04:00	23.1	23.2	30.0	36.6	49.6	117.7	118.6	118.0	116.7	118.6	118.3	118.0	119.6	126.2	126.7	120.9	102.4	98.1	107.9	323.8	628.2	55.1

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/15/2015 15:56:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:30	0:05:52	20.5	20.6	30.0	35.3	48.0	117.5	118.3	117.8	116.5	118.3	118.1	117.7	119.0	123.7	126.7	120.8	98.3	99.3	107.9	323.8	628.2	53.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.2 MAX GAS TEMP: 113.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000241

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.7 MIN GAS TEMP: 098.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.7

POST N2 WASH(1) (Loop:6/6) 06/15/2015 15:56:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:31	0:00:00	20.5	20.6	30.0	35.3	48.0	117.5	118.3	117.8	116.5	118.3	118.1	117.7	119.0	123.7	126.7	120.8	98.3	99.3	107.9	323.8	628.2	53.6
15:43:31	0:02:00	23.2	23.3	30.0	38.5	50.5	118.9	119.7	119.2	117.9	119.7	119.4	119.2	119.0	122.5	126.6	120.6	108.1	95.8	107.8	323.8	628.2	59.6
15:45:31	0:04:00	25.9	26.0	30.0	39.3	51.3	119.2	119.9	119.5	118.3	120.1	119.9	119.7	119.4	123.3	126.4	120.2	112.0	92.4	107.8	323.8	628.2	61.1

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/15/2015 16:01:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:25	0:05:54	28.5	28.6	30.0	39.8	51.5	119.5	120.2	119.7	118.6	120.3	120.0	119.9	120.0	125.5	126.4	120.0	112.5	89.9	107.8	323.8	628.2	59.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.7 MAX GAS TEMP: 112.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.3 MIN GAS TEMP: 098.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.0

POST EVACUATION(1) (Loop:6/6) 06/15/2015 16:01:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:25	0:00:00	28.5	28.6	30.0	39.8	51.5	119.5	120.2	119.7	118.6	120.3	120.0	119.9	120.0	125.5	126.4	120.0	112.5	89.9	107.8	323.8	628.2	59.7
15:49:25	0:02:00	25.8	25.9	30.0	36.6	49.1	118.1	118.8	118.4	117.2	118.9	118.6	118.4	120.3	126.4	126.3	119.8	107.2	95.3	107.8	323.8	628.2	52.1
15:51:25	0:04:00	23.1	23.2	30.0	35.3	47.7	117.8	118.6	118.1	116.8	118.6	118.4	118.0	120.4	127.0	126.2	119.7	102.0	98.0	107.8	323.8	628.2	47.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/15/2015 16:07:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:18	0:05:53	20.5	20.6	30.0	34.3	46.8	117.5	118.3	117.8	116.4	118.3	118.1	117.7	120.4	127.8	126.2	119.6	98.0	99.4	107.8	323.8	628.2	44.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.4 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.1 MIN GAS TEMP: 098.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.6

AIR BACKFILL(1) (Loop:1/12) 06/15/2015 16:07:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:18	0:00:00	20.5	20.6	30.0	34.3	46.8	117.5	118.3	117.8	116.4	118.3	118.1	117.7	120.4	127.8	126.2	119.6	98.0	99.4	107.8	323.8	628.2	44.5
15:55:18	0:02:00	23.3	23.4	30.0	36.6	48.6	118.5	119.6	119.3	116.8	119.6	119.6	118.1	120.3	127.7	126.1	119.5	94.5	95.9	107.8	323.8	628.2	50.6
15:57:18	0:04:00	26.0	26.1	30.0	38.0	50.1	118.8	119.8	119.7	116.9	120.1	120.0	118.3	119.8	126.8	125.9	119.3	91.8	92.6	107.7	323.8	628.2	52.1
15:59:18	0:06:00	28.7	28.8	30.0	38.5	50.5	118.9	120.1	119.8	117.0	120.2	120.1	118.3	119.4	126.2	125.9	119.2	89.5	89.9	107.7	323.8	628.2	52.1

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/15/2015 16:14:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:19	0:06:21	29.1	29.2	30.0	38.9	51.0	118.9	120.1	119.9	116.9	120.2	120.1	118.2	120.3	127.0	125.8	119.1	89.2	89.5	107.7	323.8	628.2	52.1

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.2 MAX GAS TEMP: 098.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000242

END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.8 MIN GAS TEMP: 089.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.6
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.1

POST EVACUATION(2) (Loop:1/12) 06/15/2015 16:14:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:39	0:00:00	29.1	29.2	30.0	38.9	51.0	118.9	120.1	119.9	116.9	120.2	120.1	118.2	120.3	127.0	125.8	119.1	89.2	89.5	107.7	323.8	628.2	52.1
16:01:39	0:02:00	26.4	26.5	30.0	36.2	48.6	118.0	118.8	118.5	116.8	118.9	118.8	118.0	120.5	127.7	125.6	122.3	87.6	95.1	108.3	323.8	628.2	44.5
16:03:40	0:04:00	23.7	23.8	30.0	34.8	47.2	117.7	118.6	118.1	116.5	118.6	118.4	117.8	120.4	127.9	125.6	122.2	86.2	97.7	108.1	323.8	628.2	40.0
16:05:40	0:06:00	20.9	21.0	30.0	33.9	46.2	117.5	118.3	117.9	116.3	118.4	118.2	117.6	120.3	127.7	125.6	122.1	85.1	99.0	108.1	323.8	628.2	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/15/2015 16:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:59	0:06:20	20.5	20.6	30.0	33.9	46.2	117.5	118.3	117.9	116.3	118.4	118.2	117.6	120.1	126.0	125.5	122.0	84.8	98.8	108.1	323.8	628.2	38.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.9 MAX GAS TEMP: 089.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.5 MIN GAS TEMP: 084.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:2/12) 06/15/2015 16:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:59	0:00:00	20.5	20.6	30.0	33.9	46.2	117.5	118.3	117.9	116.3	118.4	118.2	117.6	120.1	126.0	125.5	122.0	84.8	98.8	108.1	323.8	628.2	38.5
16:07:59	0:02:00	23.3	23.4	30.0	36.2	48.0	118.5	119.6	119.3	116.7	119.7	119.6	118.0	120.3	126.4	125.4	121.9	83.9	95.6	108.0	323.8	628.2	44.5
16:09:59	0:04:00	26.0	26.1	30.0	37.1	48.8	118.8	119.9	119.7	116.8	120.0	120.0	118.1	120.4	127.0	125.4	121.7	83.2	92.3	108.0	323.8	628.2	44.5
16:11:59	0:06:00	28.6	28.8	30.0	38.0	49.9	118.9	120.1	119.8	116.9	120.2	120.2	118.2	120.6	127.5	125.3	121.6	82.6	89.8	108.1	323.8	628.2	44.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/15/2015 16:26:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:20	0:06:21	29.1	29.2	30.0	38.0	49.9	118.9	120.2	119.8	116.9	120.2	120.2	118.1	119.6	123.4	125.2	121.6	82.5	89.4	108.1	323.8	628.2	44.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.5 MAX GAS TEMP: 084.8
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.2 MIN GAS TEMP: 082.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:2/12) 06/15/2015 16:26:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:20	0:00:00	29.1	29.2	30.0	38.0	49.9	118.9	120.2	119.8	116.9	120.2	120.2	118.1	119.6	123.4	125.2	121.6	82.5	89.4	108.1	323.8	628.2	44.5
16:14:20	0:02:00	26.4	26.5	30.0	35.3	47.3	118.1	118.9	118.5	116.8	118.9	118.7	118.0	119.9	124.8	125.1	121.4	81.9	94.5	108.1	323.8	628.2	38.5
16:16:20	0:04:00	23.7	23.8	30.0	34.3	46.5	117.7	118.6	118.2	116.5	118.5	118.4	117.7	120.0	125.6	125.1	121.3	81.4	97.1	108.1	323.8	628.2	35.5
16:18:21	0:06:00	20.9	21.0	30.0	33.5	45.5	117.5	118.3	118.0	116.3	118.4	118.2	117.5	120.1	126.0	125.0	121.2	81.0	98.6	108.0	323.8	628.2	34.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/15/2015 16:33:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:40	0:06:20	20.5	20.6	30.0	33.0	45.0	117.5	118.3	118.0	116.2	118.3	118.2	117.5	119.3	123.4	125.0	121.2	81.0	98.7	108.0	323.8	628.2	34.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000243

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.3 MAX GAS TEMP: 082.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.0 MIN GAS TEMP: 081.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:3/12) 06/15/2015 16:33:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:40	0:00:00	20.5	20.6	30.0	33.0	45.0	117.5	118.3	118.0	116.2	118.3	118.2	117.5	119.3	123.4	125.0	121.2	81.0	98.7	108.0	323.8	628.2	34.0
16:20:40	0:02:00	23.3	23.4	30.0	35.3	46.8	118.5	119.6	119.3	116.6	119.7	119.7	117.9	119.4	123.9	125.0	121.0	80.6	95.4	108.0	323.8	628.2	38.5
16:22:40	0:04:00	26.0	26.1	30.0	36.2	47.6	118.8	119.9	119.7	116.8	120.0	120.0	118.1	119.4	123.5	124.8	120.9	80.3	92.1	108.0	323.8	628.2	40.0
16:24:40	0:06:00	28.6	28.7	30.0	37.1	48.6	119.0	120.2	119.9	116.9	120.2	120.2	118.1	119.8	124.0	124.8	120.8	80.0	89.5	107.9	323.8	628.2	38.5

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/15/2015 16:39:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:56	0:06:16	29.1	29.2	30.0	37.1	48.6	119.0	120.2	120.0	116.9	120.2	120.2	118.1	118.9	123.7	124.8	120.7	80.0	89.3	107.9	323.8	628.2	38.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.1 MAX GAS TEMP: 081.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.7 MIN GAS TEMP: 080.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:3/12) 06/15/2015 16:39:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:56	0:00:00	29.1	29.2	30.0	37.1	48.6	119.0	120.2	120.0	116.9	120.2	120.2	118.1	118.9	123.7	124.8	120.7	80.0	89.3	107.9	323.8	628.2	38.5
16:26:56	0:02:00	26.4	26.5	30.0	34.8	46.8	118.0	118.8	118.5	116.7	118.9	118.7	118.0	119.0	123.2	124.7	120.5	79.7	94.9	108.0	323.8	628.2	34.0
16:28:56	0:04:00	23.7	23.8	30.0	33.4	45.3	117.7	118.6	118.1	116.5	118.7	118.5	117.8	119.2	122.9	124.6	120.4	79.4	97.4	108.0	323.8	628.2	31.0
16:30:57	0:06:00	21.0	21.1	30.0	32.5	44.3	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.4	123.4	124.5	120.2	79.2	98.8	107.9	323.8	628.2	29.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/15/2015 16:45:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:31:15	0:06:16	20.5	20.6	30.0	32.5	44.3	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.4	125.6	124.5	120.3	79.3	99.1	107.9	323.8	628.2	29.5

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.8 MAX GAS TEMP: 080.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.5 MIN GAS TEMP: 079.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.2

AIR BACKFILL(1) (Loop:4/12) 06/15/2015 16:45:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:31:15	0:00:00	20.5	20.6	30.0	32.5	44.3	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.4	125.6	124.5	120.3	79.3	99.1	107.9	323.8	628.2	29.5
16:33:15	0:02:00	23.3	23.4	30.0	34.8	46.3	118.5	119.6	119.3	116.6	119.6	119.6	117.8	119.3	125.0	124.3	120.1	79.1	95.7	107.9	323.7	628.2	34.0
16:35:15	0:04:00	26.0	26.1	30.0	35.3	46.5	118.8	119.9	119.7	116.8	120.1	120.0	118.1	119.2	124.0	124.2	120.0	78.9	92.4	107.9	323.8	628.2	33.6
16:37:15	0:06:00	28.6	28.7	30.0	36.2	47.5	118.9	120.1	119.9	116.9	120.2	120.2	118.1	119.0	122.9	124.2	119.8	78.7	89.8	107.9	323.8	628.2	34.0

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/15/2015 16:52:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000244

16:37:31	0:06:16	29.1	29.2	30.0	36.2	47.5	118.9	120.1	119.9	116.8	120.2	120.2	118.1	119.8	126.8	124.2	119.8	78.7	89.5	107.9	323.8	628.2	34.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.5 MAX GAS TEMP: 079.3
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.1 MIN GAS TEMP: 078.7
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:4/12) 06/15/2015 16:52:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:37:31	0:00:00	29.1	29.2	30.0	36.2	47.5	118.9	120.1	119.9	116.8	120.2	120.2	118.1	119.8	126.8	124.2	119.8	78.7	89.5	107.9	323.8	628.2	34.0
16:39:31	0:02:00	26.4	26.5	30.0	34.4	46.2	118.0	118.8	118.5	116.7	118.9	118.8	118.0	119.6	126.6	129.3	119.7	78.6	95.0	107.9	323.8	628.2	29.5
16:41:31	0:04:00	23.7	23.8	30.0	33.0	44.7	117.7	118.6	118.2	116.5	118.6	118.5	117.8	119.2	124.7	129.0	119.5	78.5	97.6	107.9	323.8	628.2	26.5
16:43:31	0:06:00	20.9	21.0	30.0	32.1	43.8	117.5	118.3	117.9	116.2	118.4	118.2	117.5	119.2	124.1	128.9	119.3	78.3	99.1	107.8	323.8	628.2	26.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/15/2015 16:58:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:52	0:06:20	20.5	20.6	30.0	32.1	43.8	117.4	118.3	117.9	116.2	118.4	118.2	117.5	120.5	128.1	128.9	119.3	78.3	99.2	107.8	323.8	628.2	26.5

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.3 MAX GAS TEMP: 078.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 078.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:5/12) 06/15/2015 16:58:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:52	0:00:00	20.5	20.6	30.0	32.1	43.8	117.4	118.3	117.9	116.2	118.4	118.2	117.5	120.5	128.1	128.9	119.3	78.3	99.2	107.8	323.8	628.2	26.5
16:45:52	0:02:00	23.3	23.4	30.0	34.3	45.6	118.5	119.6	119.3	116.6	119.7	119.6	117.8	120.3	127.8	128.8	119.2	78.2	95.8	107.8	323.8	628.2	29.5
16:47:52	0:04:00	26.0	26.1	30.0	34.8	45.8	118.8	119.9	119.8	116.8	120.0	120.0	118.0	119.9	127.3	128.8	119.1	78.1	92.6	107.7	323.8	628.2	29.5
16:49:52	0:06:00	28.6	28.8	30.0	35.7	46.9	118.9	120.2	119.9	116.8	120.2	120.1	118.1	119.6	126.6	128.6	118.8	78.1	89.9	107.7	323.8	628.2	29.5

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/15/2015 17:04:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:50:08	0:06:16	29.1	29.2	30.0	35.7	46.9	118.9	120.1	119.9	116.8	120.2	120.2	118.0	120.4	127.4	128.6	118.8	78.1	89.6	107.7	323.8	628.2	29.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.9 MAX GAS TEMP: 078.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.6 MIN GAS TEMP: 078.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:5/12) 06/15/2015 17:04:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:50:08	0:00:00	29.1	29.2	30.0	35.7	46.9	118.9	120.1	119.9	116.8	120.2	120.2	118.0	120.4	127.4	128.6	118.8	78.1	89.6	107.7	323.8	628.2	29.5
16:52:08	0:02:00	26.4	26.5	30.0	33.4	44.9	118.1	118.9	118.6	116.8	118.9	118.8	117.9	120.4	127.8	128.5	122.3	78.0	95.0	108.1	323.8	628.2	25.4
16:54:08	0:04:00	23.7	23.8	30.0	32.5	44.1	117.7	118.6	118.2	116.5	118.6	118.5	117.8	120.0	127.5	128.5	122.2	77.9	97.6	108.2	323.8	628.2	23.5
16:56:08	0:06:00	20.9	21.0	30.0	31.6	43.1	117.5	118.3	118.0	116.2	118.3	118.2	117.5	119.4	125.8	128.3	122.1	77.9	99.1	108.2	323.8	628.2	22.0

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/15/2015 17:11:02

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000245

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
16:56:29	0:06:21	20.5	20.6	30.0	31.6	43.1	117.5	118.3	117.9	116.2	118.4	118.2	117.5	120.5	127.4	128.3	122.1	77.9	99.2	108.2	323.7	628.2	22.0

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.6 MAX GAS TEMP: 078.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 628.2 MIN PRE TEMP: 128.3 MIN GAS TEMP: 077.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:6/12) 06/15/2015 17:11:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:56:29	0:00:00	20.5	20.6	30.0	31.6	43.1	117.5	118.3	117.9	116.2	118.4	118.2	117.5	120.5	127.4	128.3	122.1	77.9	99.2	108.2	323.7	628.2	22.0
16:58:29	0:02:00	23.3	23.4	30.0	33.5	44.4	118.5	119.7	119.4	116.6	119.7	119.6	117.9	120.6	127.9	128.2	121.9	77.9	95.8	108.1	323.7	628.2	26.5
17:00:29	0:04:00	26.0	26.1	30.0	34.3	45.3	118.8	119.9	119.7	116.8	120.1	120.1	118.1	120.5	128.0	128.1	121.7	77.7	92.4	108.1	323.8	628.2	26.5
17:02:29	0:06:00	28.7	28.8	30.0	34.8	45.7	118.9	120.1	119.9	116.8	120.2	120.2	118.1	120.3	127.6	127.8	121.6	77.7	89.8	108.1	323.7	628.2	26.5

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/15/2015 17:17:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:02:51	0:06:22	29.1	29.2	30.0	35.3	46.3	118.9	120.2	119.9	116.8	120.2	120.1	118.1	120.0	125.4	127.8	121.5	77.7	89.4	108.1	323.8	628.2	26.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 628.2 MAX PRE TEMP: 128.4 MAX GAS TEMP: 077.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.8 MIN GAS TEMP: 077.7
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: -000.1 EO USED CYCLE:021.2 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:6/12) 06/15/2015 17:17:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:02:51	0:00:00	29.1	29.2	30.0	35.3	46.3	118.9	120.2	119.9	116.8	120.2	120.1	118.1	120.0	125.4	127.8	121.5	77.7	89.4	108.1	323.8	628.2	26.5
17:04:51	0:02:00	26.4	26.5	30.0	32.5	43.7	118.1	118.9	118.6	116.8	119.0	118.8	118.0	120.3	126.1	127.7	121.4	77.7	95.0	108.1	323.8	628.2	22.0
17:06:51	0:04:00	23.6	23.7	30.0	32.1	43.5	117.7	118.6	118.2	116.4	118.6	118.5	117.7	120.3	126.5	127.7	121.2	77.6	97.6	108.1	323.8	628.2	20.4
17:08:51	0:06:00	20.9	21.0	30.0	31.2	42.4	117.6	118.5	118.0	116.3	118.4	118.3	117.5	120.5	127.6	127.6	121.2	77.7	99.1	108.1	323.8	628.2	20.5

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/15/2015 17:23:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:09:10	0:06:11	20.5	20.6	30.0	30.7	41.9	117.5	118.3	118.0	116.2	118.4	118.2	117.5	119.8	124.7	127.7	121.1	77.6	99.3	108.2	323.7	628.2	20.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.9 MAX GAS TEMP: 077.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.7 DRM2 END: 628.2 MIN PRE TEMP: 127.6 MIN GAS TEMP: 077.6
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:7/12) 06/15/2015 17:23:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:09:10	0:00:00	20.5	20.6	30.0	30.7	41.9	117.5	118.3	118.0	116.2	118.4	118.2	117.5	119.8	124.7	127.7	121.1	77.6	99.3	108.2	323.7	628.2	20.5
17:11:10	0:02:00	23.3	23.4	30.0	33.0	43.8	118.5	119.6	119.4	116.6	119.7	119.7	117.8	119.8	125.1	127.5	121.0	77.6	95.8	108.1	323.8	628.2	22.0
17:13:10	0:04:00	26.0	26.1	30.0	33.9	44.7	118.8	119.9	119.8	116.7	120.1	120.1	118.0	120.0	125.3	127.4	120.8	77.5	92.6	108.1	323.7	628.2	23.5
17:15:10	0:06:00	28.7	28.8	30.0	34.4	45.1	119.0	120.2	119.9	116.9	120.3	120.2	118.1	120.3	125.9	127.3	120.7	77.5	89.9	108.1	323.8	628.2	23.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000246

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/15/2015 17:30:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:15:29	0:06:19	29.1	29.2	30.0	34.4	45.0	119.0	120.2	120.0	116.9	120.3	120.3	118.1	119.0	122.8	127.3	120.7	77.5	89.5	108.0	323.8	628.2	22.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.7 DRM2 START: 628.2 MAX PRE TEMP: 127.7 MAX GAS TEMP: 077.7
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 127.2 MIN GAS TEMP: 077.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: -000.1 EO USED CYCLE:021.2 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:7/12) 06/15/2015 17:30:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:15:29	0:00:00	29.1	29.2	30.0	34.4	45.0	119.0	120.2	120.0	116.9	120.3	120.3	118.1	119.0	122.8	127.3	120.7	77.5	89.5	108.0	323.8	628.2	22.0
17:17:30	0:02:00	26.4	26.5	30.0	32.5	43.7	118.0	118.9	118.5	116.7	118.9	118.7	117.9	119.3	123.2	127.1	120.5	77.5	95.1	108.0	323.8	628.2	20.5
17:19:30	0:04:00	23.6	23.8	30.0	31.6	42.8	117.7	118.6	118.2	116.5	118.6	118.5	117.7	119.6	124.4	127.1	120.4	77.5	97.7	108.0	323.8	628.2	17.5
17:21:30	0:06:00	20.9	21.0	30.0	30.3	41.2	117.5	118.3	118.0	116.3	118.4	118.2	117.5	120.0	125.3	126.9	120.2	77.4	99.1	108.0	323.8	628.2	17.5

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/15/2015 17:36:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:21:49	0:06:19	20.5	20.6	30.0	30.3	41.2	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.0	124.0	127.0	120.2	77.4	99.3	108.0	323.8	628.2	17.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.3 MAX GAS TEMP: 077.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.9 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:8/12) 06/15/2015 17:36:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:21:49	0:00:00	20.5	20.6	30.0	30.3	41.2	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.0	124.0	127.0	120.2	77.4	99.3	108.0	323.8	628.2	17.4
17:23:49	0:02:00	23.3	23.4	30.0	32.5	43.2	118.5	119.6	119.4	116.6	119.7	119.7	118.0	118.9	123.0	126.8	120.1	77.4	95.8	108.0	323.8	628.2	20.5
17:25:49	0:04:00	25.9	26.0	30.0	33.5	44.1	118.8	119.9	119.7	116.8	120.1	120.0	118.1	119.0	122.8	126.8	119.8	77.4	92.6	107.9	323.8	628.2	20.5
17:27:49	0:06:00	28.6	28.7	30.0	33.9	44.4	119.0	120.2	120.0	116.9	120.2	120.2	118.1	119.2	122.8	126.7	119.8	77.4	89.9	107.9	323.8	628.2	20.5

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/15/2015 17:42:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:28:06	0:06:17	29.1	29.2	30.0	33.9	44.4	119.0	120.2	120.0	116.9	120.3	120.2	118.1	119.4	125.8	126.6	119.8	77.4	89.5	107.9	323.8	628.2	20.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 127.0 MAX GAS TEMP: 077.5
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.6 MIN GAS TEMP: 077.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:8/12) 06/15/2015 17:42:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:28:06	0:00:00	29.1	29.2	30.0	33.9	44.4	119.0	120.2	120.0	116.9	120.3	120.2	118.1	119.4	125.8	126.6	119.8	77.4	89.5	107.9	323.8	628.2	20.5
17:30:06	0:02:00	26.4	26.5	30.0	32.1	43.1	118.1	118.9	118.6	116.7	119.0	118.8	118.0	119.3	125.3	126.6	119.6	77.3	95.0	107.9	323.8	628.2	17.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000247

17:32:06	0:04:00	23.6	23.7	30.0	30.7	41.6	117.8	118.7	118.2	116.5	118.6	118.5	117.7	119.3	125.5	126.5	119.5	77.4	97.6	107.8	323.8	628.2	15.9
17:34:07	0:06:00	21.0	21.1	30.0	30.3	41.1	117.6	118.5	118.1	116.3	118.4	118.3	117.5	119.2	124.6	126.5	119.3	77.4	99.0	107.8	323.8	628.2	16.0

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/15/2015 17:48:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:34:24	0:06:17	20.5	20.6	30.0	29.8	40.6	117.5	118.3	118.0	116.2	118.4	118.3	117.5	120.5	128.1	126.6	119.3	77.3	99.3	107.9	323.8	628.2	14.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.7 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.5 MIN GAS TEMP: 077.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:9/12) 06/15/2015 17:48:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:34:24	0:00:00	20.5	20.6	30.0	29.8	40.6	117.5	118.3	118.0	116.2	118.4	118.3	117.5	120.5	128.1	126.6	119.3	77.3	99.3	107.9	323.8	628.2	14.4
17:36:24	0:02:00	23.3	23.4	30.0	32.1	42.6	118.5	119.6	119.4	116.6	119.7	119.7	117.9	120.1	127.6	126.3	119.2	77.3	95.8	107.8	323.8	628.2	17.5
17:38:24	0:04:00	26.0	26.1	30.0	33.0	43.4	118.8	119.9	119.8	116.8	120.0	120.0	118.1	120.3	127.7	126.2	119.0	77.3	92.6	107.7	323.8	628.1	17.5
17:40:24	0:06:00	28.6	28.7	30.0	33.4	43.9	119.0	120.2	120.0	116.8	120.2	120.2	118.1	120.0	127.2	126.2	119.0	77.3	89.9	107.7	323.8	628.2	17.5

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/15/2015 17:55:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:40:40	0:06:16	29.1	29.2	30.0	33.5	43.8	119.0	120.2	120.0	116.9	120.3	120.3	118.1	120.7	127.6	126.3	118.8	77.4	89.6	107.8	323.8	628.2	17.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.6 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 126.1 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:9/12) 06/15/2015 17:55:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:40:40	0:00:00	29.1	29.2	30.0	33.5	43.8	119.0	120.2	120.0	116.9	120.3	120.3	118.1	120.7	127.6	126.3	118.8	77.4	89.6	107.8	323.8	628.2	17.4
17:42:40	0:02:00	26.4	26.5	30.0	31.6	42.5	118.0	118.9	118.5	116.7	119.0	118.8	118.0	120.4	127.7	126.0	122.4	77.3	95.0	108.1	323.8	628.2	14.5
17:44:40	0:04:00	23.6	23.8	30.0	30.3	40.9	117.8	118.7	118.2	116.6	118.7	118.5	117.8	120.6	128.1	126.0	122.4	77.3	97.6	108.1	323.8	628.2	14.5
17:46:40	0:06:00	20.9	21.0	30.0	29.8	40.6	117.5	118.3	118.0	116.2	118.4	118.3	117.5	120.1	127.5	125.9	122.2	77.3	99.1	108.1	323.8	628.2	14.5

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/15/2015 18:01:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:46:59	0:06:19	20.5	20.6	30.0	29.4	40.0	117.5	118.3	118.0	116.2	118.4	118.2	117.4	120.3	126.4	125.9	122.2	77.3	99.3	108.1	323.8	628.2	13.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 126.3 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.9 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:10/12) 06/15/2015 18:01:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000248

17:46:59	0:00:00	20.5	20.6	30.0	29.4	40.0	117.5	118.3	118.0	116.2	118.4	118.2	117.4	120.3	126.4	125.9	122.2	77.3	99.3	108.1	323.8	628.2	13.9
17:48:59	0:02:00	23.3	23.4	30.0	31.6	42.0	118.5	119.6	119.4	116.6	119.7	119.7	117.9	120.4	126.8	125.7	122.0	77.3	95.8	108.1	323.8	628.2	16.0
17:50:59	0:04:00	25.9	26.0	30.0	32.5	42.8	118.8	119.9	119.8	116.8	120.2	120.1	118.1	120.5	127.4	125.6	121.9	77.3	92.6	108.1	323.8	628.2	16.0
17:52:59	0:06:00	28.6	28.8	30.0	33.0	43.3	119.0	120.2	120.0	116.9	120.4	120.4	118.2	120.7	128.0	125.6	121.8	77.3	89.9	108.1	323.8	628.2	15.9

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/15/2015 18:07:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:53:17	0:06:18	29.1	29.2	30.0	33.5	43.8	119.0	120.2	120.0	117.0	120.3	120.3	118.2	120.0	125.0	125.6	121.7	77.3	89.6	108.1	323.8	628.2	16.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.9 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.5 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:10/12) 06/15/2015 18:07:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:53:17	0:00:00	29.1	29.2	30.0	33.5	43.8	119.0	120.2	120.0	117.0	120.3	120.3	118.2	120.0	125.0	125.6	121.7	77.3	89.6	108.1	323.8	628.2	16.0
17:55:17	0:02:00	26.4	26.5	30.0	31.2	41.8	118.1	118.9	118.6	116.8	119.0	118.9	118.0	120.0	125.5	125.4	121.5	77.3	95.2	108.1	323.8	628.2	13.0
17:57:17	0:04:00	23.6	23.7	30.0	30.3	41.0	117.7	118.6	118.2	116.5	118.7	118.5	117.7	120.5	126.8	125.3	121.4	77.3	97.8	108.1	323.8	628.2	12.9
17:59:17	0:06:00	20.9	21.0	30.0	29.4	40.0	117.5	118.3	118.0	116.3	118.4	118.3	117.5	120.4	127.0	125.1	121.2	77.2	99.1	108.1	323.8	628.2	11.4

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/15/2015 18:14:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:59:36	0:06:19	20.5	20.6	30.0	29.4	40.0	117.5	118.3	118.0	116.3	118.5	118.3	117.5	119.6	123.9	125.2	121.2	77.3	99.3	108.1	323.8	628.2	11.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.7 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 125.1 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:11/12) 06/15/2015 18:14:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:59:36	0:00:00	20.5	20.6	30.0	29.4	40.0	117.5	118.3	118.0	116.3	118.5	118.3	117.5	119.6	123.9	125.2	121.2	77.3	99.3	108.1	323.8	628.2	11.4
18:01:36	0:02:00	23.3	23.4	30.0	31.2	41.3	118.6	119.7	119.4	116.7	119.7	119.8	118.0	120.0	124.9	125.0	121.1	77.3	95.9	108.1	323.8	628.2	14.5
18:03:36	0:04:00	25.9	26.0	30.0	32.1	42.2	118.9	120.1	119.8	116.8	120.1	120.1	118.1	120.1	125.8	124.9	121.0	77.3	92.6	108.0	323.7	628.2	14.4
18:05:36	0:06:00	28.6	28.7	30.0	32.5	42.7	119.0	120.2	120.0	116.8	120.3	120.3	118.2	120.3	126.4	124.9	120.8	77.3	90.0	108.1	323.8	628.2	14.5

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/15/2015 18:20:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:05:52	0:06:17	29.1	29.2	30.0	32.5	42.6	119.0	120.3	120.0	116.9	120.3	120.3	118.2	119.6	124.0	124.8	120.8	77.3	89.6	108.0	323.7	628.2	14.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 125.3 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.8 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.8

POST EVACUATION(2) (Loop:11/12) 06/15/2015 18:20:26

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000249

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
18:05:52	0:00:00	29.1	29.2	30.0	32.5	42.6	119.0	120.3	120.0	116.9	120.3	120.3	118.2	119.6	124.0	124.8	120.8	77.3	89.6	108.0	323.7	628.2	14.4
18:07:53	0:02:00	26.4	26.5	30.0	30.7	41.2	118.1	118.9	118.6	116.8	119.0	118.8	118.0	119.8	124.8	124.8	120.6	77.3	95.1	108.0	323.7	628.2	11.4
18:09:53	0:04:00	23.7	23.8	30.0	29.8	40.3	117.8	118.7	118.3	116.6	118.7	118.6	117.8	120.0	125.3	124.6	120.5	77.3	97.6	108.0	323.8	628.2	11.4
18:11:53	0:06:00	20.9	21.0	30.0	29.4	39.9	117.6	118.5	118.1	116.3	118.4	118.3	117.5	120.0	125.6	124.6	120.3	77.2	99.2	108.0	323.8	628.2	9.9

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/15/2015 18:26:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:12:13	0:06:00	20.5	20.6	30.0	28.9	39.4	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.0	123.4	124.6	120.4	77.3	99.3	108.0	323.8	628.2	9.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.7 DRM2 START: 628.2 MAX PRE TEMP: 124.9 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.5 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 120.3

AIR BACKFILL(1) (Loop:12/12) 06/15/2015 18:26:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:12:13	0:00:00	20.5	20.6	30.0	28.9	39.4	117.5	118.3	118.0	116.2	118.4	118.3	117.5	119.0	123.4	124.6	120.4	77.3	99.3	108.0	323.8	628.2	9.9
18:14:13	0:02:00	23.3	23.4	30.0	31.2	41.3	118.6	119.7	119.5	116.7	119.7	119.7	118.0	119.2	122.7	124.4	120.2	77.3	95.8	107.9	323.8	628.2	12.9
18:16:13	0:04:00	26.0	26.1	30.0	31.6	41.6	118.8	119.9	119.8	116.8	120.2	120.2	118.2	119.6	123.8	124.4	120.0	77.2	92.6	107.9	323.8	628.2	13.0
18:18:13	0:06:00	28.7	28.8	30.0	32.5	42.7	119.0	120.2	120.0	116.9	120.3	120.3	118.2	119.9	125.0	124.2	120.0	77.4	89.9	107.9	323.7	628.2	12.9

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/15/2015 18:33:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:18:34	0:06:21	29.1	29.2	30.0	32.5	42.6	119.0	120.2	120.0	116.9	120.3	120.3	118.2	119.2	124.1	124.2	119.8	77.2	89.5	107.9	323.8	628.2	12.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 124.6 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.7 DRM2 END: 628.2 MIN PRE TEMP: 124.2 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:12/12) 06/15/2015 18:33:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:18:34	0:00:00	29.1	29.2	30.0	32.5	42.6	119.0	120.2	120.0	116.9	120.3	120.3	118.2	119.2	124.1	124.2	119.8	77.2	89.5	107.9	323.8	628.2	12.9
18:20:34	0:02:00	26.4	26.5	30.0	30.3	40.6	118.1	118.9	118.6	116.8	119.0	118.9	118.0	119.0	122.8	124.1	119.8	77.3	95.1	107.9	323.8	628.2	9.9
18:22:34	0:04:00	23.6	23.7	30.0	29.4	39.7	117.8	118.7	118.3	116.5	118.7	118.5	117.8	119.2	123.1	129.3	119.6	77.3	97.8	107.9	323.8	628.2	9.9
18:24:34	0:06:00	20.9	21.0	30.0	28.9	39.3	117.6	118.5	118.1	116.3	118.5	118.4	117.6	119.6	124.0	128.6	119.5	77.3	99.1	107.8	323.7	628.2	10.0

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/15/2015 18:39:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:24:52	0:06:18	20.5	20.6	30.0	28.5	38.8	117.5	118.3	118.0	116.2	118.5	118.3	117.6	119.4	125.4	128.7	119.5	77.3	99.3	107.8	323.8	628.2	8.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 129.4 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000250

CYCLE NO: 0000000153

STERILIZER NUMBER: 0001033693

AIR BACKFILL(2) 06/15/2015 18:39:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:24:52	0:00:00	20.5	20.6	30.0	28.5	38.8	117.5	118.3	118.0	116.2	118.5	118.3	117.6	119.4	125.4	128.7	119.5	77.3	99.3	107.8	323.8	628.2	8.5
18:25:52	0:01:00	21.9	22.0	30.0	29.8	40.0	118.1	119.2	118.9	116.4	119.3	119.2	117.7	119.0	124.6	128.9	119.3	77.3	97.6	107.8	323.8	628.2	9.9
18:26:52	0:02:00	23.3	23.4	30.0	30.3	40.2	118.5	119.7	119.4	116.6	119.7	119.7	117.9	119.2	124.5	128.9	119.3	77.3	95.9	107.8	323.8	628.2	11.4
18:27:52	0:03:00	24.7	24.8	30.0	31.2	41.1	118.8	119.8	119.7	116.8	120.0	120.0	118.1	118.9	123.7	128.9	119.2	77.2	94.2	107.8	323.8	628.2	11.4
18:28:52	0:04:00	26.0	26.2	30.0	31.6	41.6	118.9	119.9	119.8	116.9	120.1	120.2	118.1	118.9	123.9	128.8	119.2	77.3	92.6	107.8	323.8	628.2	11.5
18:29:52	0:05:00	27.3	27.4	30.0	31.6	41.4	119.0	120.2	120.0	116.9	120.3	120.3	118.1	118.9	124.1	128.7	119.1	77.3	91.1	107.7	323.8	628.2	11.5
18:30:52	0:06:01	28.6	28.8	30.0	32.1	42.0	119.0	120.2	120.0	116.9	120.3	120.3	118.2	119.2	124.5	128.7	119.0	77.2	89.9	107.8	323.8	628.2	11.4

AIR BACKFILL(2) SUMMARY 06/15/2015 18:45:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:31:08	0:06:16	29.1	29.2	30.0	32.1	42.1	119.0	120.2	120.0	116.9	120.3	120.3	118.2	120.3	127.9	128.7	119.0	77.2	89.6	107.8	323.8	628.2	11.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.8 DRM2 START: 628.2 MAX PRE TEMP: 128.9 MAX GAS TEMP: 077.3
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.8 DRM2 END: 628.2 MIN PRE TEMP: 128.7 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:021.2 MIN VAP TEMP: 119.0

END OF CYCLE 06/15/2015 18:45:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:31:08	0:00:00	29.1	29.2	30.0	32.1	42.1	119.0	120.2	120.0	116.9	120.3	120.3	118.2	120.3	127.9	128.7	119.0	77.2	89.6	107.8	323.8	628.2	11.4

DRUM 1 EMPTY ALARM RESET 06/15/2015 18:45:41

18:31:08	0:00:00	29.1	29.2	30.0	32.1	42.1	119.0	120.2	120.0	116.9	120.3	120.3	118.2	120.3	127.9	128.7	119.0	77.2	89.6	107.8	323.8	628.2	11.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000251

Aeration Validation

Set "B"

Sterilization Cycle# CB500319

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500319 Load Number: Dunnage Load

Date Cycle Completed: June 25, 2015 Time Cycle Completed: 03:47

Date Aeration Completed: June 26, 2015 Time Aeration Completed: 04:30

Notes: Chamber B (STE14-031), (Set B: 3 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	103.3	95	130	°F
Room Temperature Min	102	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	48	40	70	%
Room RH Max	52	40	70	%
PCR Elapsed Time	25:15	12:00	96:00	Hrs:Min
Load Time	29	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	4	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	106	38	390	Minutes
Chamber Moisture Min	55.7	18.3	86.3	mg/L
Chamber Moisture Max	66.2	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	28.1*	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	19.6	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	117.4	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	329.1	200	480	mg/L
Gas Concentration Max	412.0	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.7	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.7	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.3	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.3	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.3	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.3	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.7	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.3	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.3	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.3	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.3	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.3	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.3	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.3	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.3	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.3	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:15	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	104	95	115	°F
Room Temperature Max	106	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.4	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.1 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COVIDIEN COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 19:30	DATE: 6/23/15
CB500319	CYCLE LOAD TIME: 8:45	DATE: 6/24/15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: R.A

STARTING PCR TEMP: 103.3 STARTING PCR TIME: 07:30 START PCR DATE: 6/23/15

PCR MIN RH: 48 PCR MIN TEMP: 102

PCR MAX RH: 52 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: KB PCR CIRCULATOR RUNNING: KB

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5014028			
STE14-031	6 pallet	Residuals (Set B: 3 of 3 X)			

CYCLE START TIME: 09:14 CYCLE START DATE: 6/24/15 ETC RUN #: 155

CYCLE END TIME: 03:47 CYCLE END DATE: 6-25-15 PRIMARY START TIME: 04:15

PRIMARY END TIME: 04:30 PRIMARY END DATE: 6-26-15 MIN TEMP: 104 MAX TEMP: 106

AERATION CIRCULATOR RUNNING: N/A

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: [signature] Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

COVIDIEN

CHAMBER 103369-3

DATE: 06/24/2015
TIME: 9:14:09 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000155

LOAD NUMBER 1: CB500319
LOAD NUMBER 2: 5014028
LOAD NUMBER 3: STE-031 6pallet
LOAD NUMBER 4: (Set B: 3 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00003365

CYCLE TYPE : EtO
Test Vacuum : Yes
Nitrogen Blanket : Yes
Gas Makeup : N2
Aeration : No

TEMPERATURE UNIT : °F
PRESURE UNIT : ''HgA
WEIGHT UNIT : Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000259

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000260

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000261

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000262

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000263

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

****

INITIAL EVACUATION(1) 06/24/2015 09:14:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.3	30.4	30.0	35.3	71.7	102.8	104.5	103.0	100.9	104.5	103.0	100.9	115.9	127.2	127.5	120.0	80.0	79.8	106.4	323.7	608.0	0.9
	CHAMBER LOW TEMPERATURE ALARM 06/24/2015 09:14:10																						
0:00:00	0:00:00	30.3	30.4	30.0	35.3	71.7	102.8	104.5	103.0	100.9	104.5	103.0	100.9	115.9	127.2	127.5	120.0	80.0	79.8	106.4	323.7	608.0	1.0
	CHAMBER LOW TEMPERATURE WARNING 06/24/2015 09:14:10																						
0:00:00	0:00:00	30.3	30.4	30.0	35.3	71.7	102.8	104.5	103.0	100.9	104.5	103.0	100.9	115.9	127.2	127.5	120.0	80.0	79.8	106.4	323.7	608.0	1.0
	ALARM SILENCED (ksim) 06/24/2015 09:14:32																						
0:00:22	0:00:22	29.8	29.9	30.0	35.3	71.1	103.1	104.8	103.2	101.3	104.8	103.3	101.5	115.3	124.4	127.5	120.0	80.1	82.1	106.5	323.6	608.0	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000264

0:01:00	0:01:00	28.9	29.0	30.0	34.8	69.8	103.3	105.0	103.2	101.6	105.0	103.3	101.8	115.7	124.9	127.5	120.0	80.2	85.9	106.6	323.7	608.0	1.0
0:02:00	0:02:00	27.6	27.6	30.0	34.8	69.4	103.5	105.2	103.4	101.8	105.2	103.5	102.0	115.7	126.5	127.5	119.8	80.2	89.3	106.6	323.7	608.0	0.9
0:03:00	0:03:00	26.2	26.2	30.0	34.8	69.1	103.7	105.4	103.6	102.0	105.3	103.6	102.4	116.4	126.9	127.5	119.8	80.4	91.2	106.8	323.6	608.0	0.9
0:04:00	0:04:00	24.8	25.0	30.0	34.4	67.8	103.9	105.6	103.8	102.2	105.7	104.0	102.6	116.0	124.6	127.5	119.8	80.5	92.4	107.0	323.7	608.0	0.9
0:05:01	0:05:00	23.5	23.6	30.0	34.4	67.4	104.1	105.9	104.0	102.4	105.9	104.1	102.8	116.2	126.8	127.5	119.7	80.6	93.4	107.1	323.7	608.0	1.0
0:06:01	0:06:01	22.1	22.2	30.0	34.4	67.0	104.3	106.1	104.2	102.6	106.1	104.3	102.9	116.8	126.6	127.3	119.7	80.6	94.0	107.2	323.7	608.0	1.0
0:07:01	0:07:01	20.8	20.9	30.0	33.5	64.8	104.5	106.3	104.5	102.8	106.3	104.5	103.1	116.3	124.6	127.3	119.6	80.7	94.6	107.3	323.7	608.0	0.9

INITIAL EVACUATION(1) SUMMARY 06/24/2015 09:21:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:12	0:07:12	20.5	20.6	30.0	33.5	64.8	104.5	106.3	104.4	102.8	106.3	104.5	103.2	116.2	126.2	127.3	119.6	80.7	94.7	107.3	323.7	608.0	0.9

START PRESS: 0030.3 MAX PRESS: 0030.3 MAX TEMP: 106.3 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.7 MAX GAS TEMP: 080.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 100.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 127.2 MIN GAS TEMP: 080.0
PRESS CHANGE: 009.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

STABILIZATION 06/24/2015 09:21:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:12	0:00:00	20.5	20.6	30.0	33.5	64.8	104.5	106.3	104.4	102.8	106.3	104.5	103.2	116.2	126.2	127.3	119.6	80.7	94.7	107.3	323.7	608.0	0.9
0:08:12	0:01:00	20.5	20.6	30.0	34.4	65.3	105.2	107.1	105.1	103.4	107.1	105.3	104.1	117.1	127.0	127.2	119.6	80.8	93.7	107.4	323.7	608.0	1.0
0:09:13	0:02:00	20.5	20.7	30.0	35.3	65.8	105.9	107.8	105.8	104.1	107.8	105.9	104.7	116.7	124.9	127.2	119.6	80.9	92.4	107.5	323.7	608.0	1.0
0:10:13	0:03:00	20.6	20.7	30.0	36.2	66.8	106.3	108.1	106.1	104.6	108.2	106.2	105.3	116.7	126.5	127.1	119.5	81.0	91.3	107.6	323.7	608.0	0.9
0:11:13	0:04:00	20.6	20.7	30.0	36.6	66.9	106.6	108.5	106.4	105.0	108.4	106.5	105.7	117.5	127.2	127.1	119.3	81.1	90.3	107.7	323.7	608.0	0.9
0:12:13	0:05:00	20.6	20.7	30.0	37.1	67.1	107.0	108.8	106.8	105.3	108.7	106.9	105.9	117.3	125.6	127.1	119.3	81.1	89.5	107.8	323.7	608.0	0.9
0:13:13	0:06:01	20.6	20.7	30.0	38.0	68.3	107.2	109.1	107.0	105.6	109.1	107.1	106.2	116.8	125.0	127.0	119.3	81.2	88.7	107.8	323.7	608.0	0.9
0:14:13	0:07:01	20.6	20.8	30.0	38.9	69.4	107.5	109.4	107.3	105.9	109.3	107.4	106.6	117.6	127.5	126.9	119.2	81.3	88.1	107.9	323.7	608.0	0.9
0:15:13	0:08:01	20.7	20.8	30.0	38.9	68.8	107.8	109.6	107.6	106.2	109.6	107.7	106.8	117.8	126.5	126.9	119.2	81.4	87.4	108.0	323.7	608.0	0.9
0:16:13	0:09:01	20.7	20.8	30.0	39.8	70.1	108.0	109.8	107.8	106.4	109.8	107.9	107.1	117.3	124.6	126.9	119.1	81.4	86.9	108.1	323.7	608.0	0.9

STABILIZATION SUMMARY 06/24/2015 09:31:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:12	0:10:00	20.7	20.8	30.0	39.8	69.5	108.3	110.1	108.1	106.7	110.1	108.2	107.4	117.4	126.4	126.8	119.1	81.4	86.4	108.1	323.7	608.0	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 110.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 127.3 MAX GAS TEMP: 081.4
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 103.2 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.7 MIN GAS TEMP: 080.7
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

LEAK CHECK 06/24/2015 09:31:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:12	0:00:00	20.7	20.8	30.0	39.8	69.5	108.3	110.1	108.1	106.7	110.1	108.2	107.4	117.4	126.4	126.8	119.1	81.4	86.4	108.1	323.7	608.0	0.9
0:18:12	0:01:00	20.7	20.8	30.0	40.3	69.9	108.5	110.3	108.3	106.9	110.3	108.4	107.7	118.2	127.5	126.7	122.4	81.4	86.0	109.0	323.7	608.0	0.9
0:19:13	0:02:00	20.7	20.8	30.0	40.7	70.3	108.7	110.5	108.5	107.2	110.5	108.7	107.9	118.1	126.1	126.5	122.4	81.4	85.6	108.6	323.7	608.0	0.9
0:20:13	0:03:00	20.7	20.9	30.0	41.2	70.5	109.0	110.8	108.8	107.4	110.7	108.9	108.2	117.7	124.5	126.5	122.4	81.6	85.3	108.7	323.7	608.0	0.5
0:21:13	0:04:00	20.7	20.9	30.0	41.6	70.9	109.2	110.9	109.0	107.7	110.9	109.1	108.4	117.8	126.8	126.5	122.3	81.6	85.0	108.7	323.7	608.0	0.9

LEAK CHECK SUMMARY 06/24/2015 09:36:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000265

0:22:13	0:05:00	20.8	20.9	30.0	41.6	70.6	109.3	111.1	109.1	107.8	111.2	109.3	108.7	118.6	127.5	126.4	122.3	81.7	84.7	108.9	323.7	608.0	0.9

START PRESS: 0020.7 MAX PRESS: 0020.8 MAX TEMP: 111.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.8 MAX GAS TEMP: 081.7
END PRESS: 0020.8 MIN PRESS: 0020.7 MIN TEMP: 107.4 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.4 MIN GAS TEMP: 081.4
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL N2 WASH(1) (Loop:1/5) 06/24/2015 09:36:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:13	0:00:00	20.8	20.9	30.0	41.6	70.6	109.3	111.1	109.1	107.8	111.2	109.3	108.7	118.6	127.5	126.4	122.3	81.7	84.7	108.9	323.7	608.0	0.9
0:23:13	0:01:00	22.1	22.2	30.0	43.0	71.4	110.1	111.8	109.9	108.6	111.8	110.0	109.6	118.4	126.2	126.4	122.2	94.7	84.5	109.0	323.7	608.0	0.9
0:24:13	0:02:00	23.4	23.5	30.0	43.9	72.2	110.5	112.2	110.2	109.0	112.3	110.4	109.9	118.0	124.6	126.4	122.1	106.5	84.3	109.0	323.7	608.0	0.9
0:25:13	0:03:00	24.8	24.9	30.0	44.3	72.3	110.8	112.5	110.5	109.4	112.6	110.7	110.3	118.2	126.8	126.3	122.0	111.2	84.2	109.1	323.7	608.0	0.9
0:26:13	0:04:00	26.2	26.3	30.0	44.3	71.6	111.1	112.8	110.9	109.7	112.8	111.1	110.7	118.9	127.6	126.2	121.8	112.9	84.1	109.1	323.7	608.0	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/24/2015 09:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:11	0:04:58	27.5	27.6	30.0	44.8	71.9	111.4	113.0	111.1	110.1	113.0	111.2	110.9	118.9	126.7	126.0	121.8	113.6	83.9	109.1	323.7	608.0	1.0

START PRESS: 0020.8 MAX PRESS: 0027.5 MAX TEMP: 113.0 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.4 MAX GAS TEMP: 113.6
END PRESS: 0027.5 MIN PRESS: 0020.8 MIN TEMP: 108.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 126.0 MIN GAS TEMP: 081.7
PRESS CHANGE: 006.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.7

INITIAL EVACUATION(2) (Loop:1/5) 06/24/2015 09:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:11	0:00:00	27.5	27.6	30.0	44.8	71.9	111.4	113.0	111.1	110.1	113.0	111.2	110.9	118.9	126.7	126.0	121.8	113.6	83.9	109.1	323.7	608.0	1.0
0:28:11	0:01:00	26.2	26.3	30.0	43.0	70.4	110.6	112.2	110.4	109.2	112.3	110.5	110.1	118.4	125.2	126.2	121.6	111.1	89.5	109.3	323.6	608.0	0.9
0:29:11	0:02:00	24.8	24.9	30.0	41.2	68.4	110.1	111.7	110.0	108.6	111.7	110.1	109.6	118.2	125.2	126.0	121.5	107.8	92.6	109.3	323.6	608.0	0.9
0:30:11	0:03:00	23.4	23.5	30.0	39.8	66.3	110.0	111.6	109.9	108.6	111.6	110.0	109.3	118.8	127.4	125.9	121.5	104.9	94.5	109.4	323.7	608.0	0.9
0:31:11	0:04:00	22.1	22.2	30.0	38.9	64.8	110.0	111.6	109.9	108.6	111.6	110.0	109.3	119.2	127.4	126.0	121.5	102.3	95.7	109.4	323.6	608.0	0.9
0:32:11	0:05:00	20.7	20.8	30.0	38.0	63.3	110.0	111.6	109.9	108.5	111.6	110.0	109.2	119.0	126.2	125.8	121.4	100.1	96.5	109.5	323.7	608.0	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/24/2015 09:46:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:20	0:05:10	20.5	20.6	30.0	38.0	63.3	110.0	111.7	109.9	108.6	111.7	110.0	109.3	118.7	125.0	125.8	121.4	99.8	96.6	109.5	323.6	608.0	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 113.0 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 126.2 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 109.2 DRM1 END: 323.6 DRM2 END: 608.0 MIN PRE TEMP: 125.8 MIN GAS TEMP: 099.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.4

INITIAL N2 WASH(1) (Loop:2/5) 06/24/2015 09:46:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:20	0:00:00	20.5	20.6	30.0	38.0	63.3	110.0	111.7	109.9	108.6	111.7	110.0	109.3	118.7	125.0	125.8	121.4	99.8	96.6	109.5	323.6	608.0	0.9
0:33:20	0:01:00	21.8	22.0	30.0	38.9	62.8	111.1	112.7	111.1	109.6	112.8	111.2	110.4	118.4	125.5	125.8	121.3	104.2	95.5	109.5	323.7	608.0	0.9
0:34:21	0:02:00	23.2	23.3	30.0	39.8	63.0	111.9	113.4	111.7	110.5	113.4	111.8	111.3	119.0	127.6	125.8	121.2	109.9	94.2	109.5	323.7	608.0	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000266

0:35:21	0:03:00	24.5	24.6	30.0	40.7	63.8	112.2	113.8	112.1	110.9	113.8	112.2	111.8	119.4	127.5	125.7	121.1	112.4	92.9	109.6	323.7	608.0	0.9
0:36:21	0:04:00	25.9	26.0	30.0	41.2	64.1	112.5	114.1	112.3	111.2	114.1	112.5	112.2	119.3	126.4	125.5	120.9	113.2	91.9	109.6	323.7	608.0	0.9
0:37:21	0:05:00	27.3	27.4	30.0	41.2	63.6	112.8	114.3	112.6	111.5	114.3	112.7	112.4	119.0	125.2	125.5	120.8	113.6	90.8	109.6	323.7	608.0	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/24/2015 09:51:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:31	0:05:10	27.5	27.6	30.0	41.6	64.3	112.8	114.4	112.6	111.5	114.4	112.8	112.6	118.7	125.1	125.5	120.8	113.6	90.8	109.7	323.7	608.0	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 114.4 DRM1 START: 323.6 DRM2 START: 608.0 MAX PRE TEMP: 125.9 MAX GAS TEMP: 113.6
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 109.2 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.4 MIN GAS TEMP: 099.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

INITIAL EVACUATION(2) (Loop:2/5) 06/24/2015 09:51:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:31	0:00:00	27.5	27.6	30.0	41.6	64.3	112.8	114.4	112.6	111.5	114.4	112.8	112.6	118.7	125.1	125.5	120.8	113.6	90.8	109.7	323.7	608.0	0.9
0:38:31	0:01:00	26.2	26.3	30.0	39.8	62.9	112.0	113.6	111.8	110.6	113.5	111.9	111.5	119.2	127.2	125.4	120.7	111.4	93.7	109.7	323.7	608.0	0.9
0:39:31	0:02:00	24.8	24.9	30.0	38.5	61.4	111.6	113.1	111.4	110.2	113.1	111.6	111.0	119.8	127.7	125.4	120.7	108.4	95.7	109.7	323.7	608.0	0.9
0:40:31	0:03:00	23.4	23.5	30.0	37.1	59.4	111.5	113.0	111.4	110.0	112.9	111.4	110.8	119.6	127.1	125.3	120.6	105.8	96.8	109.7	323.7	608.0	0.9
0:41:31	0:04:00	22.0	22.1	30.0	36.6	58.7	111.4	113.0	111.3	109.9	112.9	111.4	110.7	119.4	126.0	125.3	120.5	103.4	97.8	109.8	323.7	608.0	1.3
0:42:32	0:05:01	20.7	20.8	30.0	35.7	57.2	111.5	113.0	111.4	110.0	112.9	111.4	110.7	119.2	125.1	125.2	120.5	101.3	98.3	109.8	323.7	608.0	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/24/2015 09:56:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:05:10	20.5	20.6	30.0	35.7	57.2	111.4	113.0	111.4	109.9	112.9	111.4	110.7	118.9	125.2	125.2	120.5	101.0	98.3	109.8	323.7	608.0	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 114.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.5 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 110.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.1 MIN GAS TEMP: 101.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 120.8
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASH(1) (Loop:3/5) 06/24/2015 09:56:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:00:00	20.5	20.6	30.0	35.7	57.2	111.4	113.0	111.4	109.9	112.9	111.4	110.7	118.9	125.2	125.2	120.5	101.0	98.3	109.8	323.7	608.0	0.9
0:43:41	0:01:00	21.8	21.9	30.0	37.1	57.8	112.5	114.0	112.5	111.0	114.0	112.6	111.9	119.3	127.2	125.1	120.4	104.6	97.2	109.8	323.7	608.0	0.9
0:44:41	0:02:00	23.2	23.3	30.0	38.5	58.8	113.1	114.6	113.1	111.8	114.7	113.2	112.8	119.8	127.8	125.1	120.3	109.7	95.9	109.9	323.7	608.0	0.9
0:45:41	0:03:00	24.6	24.7	30.0	38.9	59.0	113.5	115.0	113.4	112.2	115.1	113.6	113.2	119.9	127.3	125.1	120.2	112.1	94.7	110.0	323.7	608.0	0.9
0:46:41	0:04:00	25.9	26.0	30.0	39.4	59.2	113.8	115.3	113.6	112.5	115.4	113.8	113.5	119.8	126.4	125.1	120.1	112.9	93.6	110.0	323.7	608.0	0.9
0:47:41	0:05:00	27.3	27.4	30.0	39.8	59.6	114.0	115.5	113.8	112.7	115.5	114.1	113.7	119.6	125.5	125.1	119.8	113.2	92.6	110.0	323.7	608.0	0.8

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/24/2015 10:02:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:51	0:05:10	27.5	27.6	30.0	39.8	59.4	114.1	115.6	114.0	112.8	115.5	114.1	113.7	119.3	124.7	125.1	120.0	113.3	92.4	110.0	323.7	608.0	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 115.6 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.2 MAX GAS TEMP: 113.3
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 110.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.0 MIN GAS TEMP: 100.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000267

INITIAL EVACUATION(2) (Loop:3/5) 06/24/2015 10:02:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:51	0:00:00	27.5	27.6	30.0	39.8	59.4	114.1	115.6	114.0	112.8	115.5	114.1	113.7	119.3	124.7	125.1	120.0	113.3	92.4	110.0	323.7	608.0	0.9
0:48:51	0:01:00	26.1	26.3	30.0	38.5	58.8	113.2	114.7	113.1	111.9	114.7	113.2	112.8	119.3	126.1	125.0	119.8	111.2	95.3	110.0	323.7	608.0	0.9
0:49:51	0:02:00	24.8	24.9	30.0	36.6	56.6	112.8	114.3	112.7	111.4	114.2	112.8	112.2	119.8	127.4	124.8	119.8	108.6	97.0	110.0	323.7	608.0	0.9
0:50:51	0:03:00	23.4	23.5	30.0	36.2	56.1	112.7	114.1	112.6	111.3	114.1	112.7	112.1	120.1	127.9	124.8	119.8	106.2	98.3	110.1	323.7	608.0	0.9
0:51:51	0:04:00	22.0	22.1	30.0	35.3	54.9	112.5	114.0	112.5	111.1	114.0	112.6	112.1	120.3	127.8	124.7	119.7	103.9	99.2	110.2	323.7	608.0	0.9
0:52:51	0:05:01	20.7	20.8	30.0	34.8	54.2	112.5	114.0	112.5	111.1	113.9	112.5	111.9	120.3	127.9	124.6	119.6	102.0	99.8	110.2	323.7	608.0	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/24/2015 10:07:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:01	0:05:10	20.5	20.6	30.0	34.8	54.2	112.5	114.0	112.5	111.1	114.0	112.5	111.9	120.3	127.0	124.6	119.6	101.7	99.9	110.3	323.7	608.0	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 115.5 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.1 MAX GAS TEMP: 113.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 111.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.5 MIN GAS TEMP: 101.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

INITIAL N2 WASH(1) (Loop:4/5) 06/24/2015 10:07:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:01	0:00:00	20.5	20.6	30.0	34.8	54.2	112.5	114.0	112.5	111.1	114.0	112.5	111.9	120.3	127.0	124.6	119.6	101.7	99.9	110.3	323.7	608.0	0.9
0:54:01	0:01:00	21.8	21.9	30.0	36.2	54.7	113.6	115.1	113.5	112.2	115.1	113.8	113.2	120.3	127.5	124.7	119.6	104.8	98.8	110.3	323.7	608.0	0.9
0:55:01	0:02:00	23.2	23.3	30.0	37.1	55.2	114.2	115.7	114.1	112.9	115.7	114.3	113.9	120.4	128.0	124.6	119.5	109.6	97.4	110.3	323.7	607.9	0.9
0:56:01	0:03:00	24.6	24.7	30.0	38.0	56.0	114.6	116.0	114.5	113.3	116.0	114.8	114.3	120.3	128.2	124.6	119.3	111.8	96.1	110.3	323.7	608.0	0.9
0:57:01	0:04:00	25.9	26.0	30.0	38.5	56.3	114.8	116.3	114.7	113.6	116.3	114.9	114.6	120.0	127.8	124.6	119.2	112.5	95.0	110.4	323.7	608.0	0.9
0:58:01	0:05:01	27.3	27.4	30.0	38.9	56.7	115.0	116.4	114.8	113.8	116.4	115.0	114.8	120.3	127.8	124.5	119.1	112.7	94.1	110.4	323.7	607.9	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/24/2015 10:12:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:05:11	27.5	27.6	30.0	38.9	56.7	115.0	116.4	114.9	113.8	116.5	115.2	114.9	120.0	126.7	124.4	119.2	112.8	93.9	110.4	323.7	607.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 116.5 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 111.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.4 MIN GAS TEMP: 101.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL EVACUATION(2) (Loop:4/5) 06/24/2015 10:12:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:00:00	27.5	27.6	30.0	38.9	56.7	115.0	116.4	114.9	113.8	116.5	115.2	114.9	120.0	126.7	124.4	119.2	112.8	93.9	110.4	323.7	607.9	0.9
0:59:12	0:01:00	26.1	26.3	30.0	37.1	55.2	114.2	115.6	114.1	113.0	115.6	114.3	113.9	120.3	126.7	124.4	119.1	110.9	96.5	110.4	323.7	608.0	0.9
1:00:12	0:02:00	24.8	24.9	30.0	36.2	54.4	113.8	115.2	113.7	112.5	115.1	113.8	113.3	120.3	127.1	124.3	121.5	108.4	98.3	112.1	323.7	608.0	0.9
1:01:12	0:03:00	23.4	23.5	30.0	35.3	53.4	113.6	115.0	113.5	112.3	114.9	113.8	113.1	120.3	126.9	124.2	122.4	106.2	99.4	110.9	323.7	608.0	0.6
1:02:12	0:04:00	22.0	22.1	30.0	34.8	52.7	113.5	114.9	113.5	112.2	114.9	113.8	113.0	120.3	127.1	124.2	122.4	104.2	100.2	111.0	323.7	608.0	0.9
1:03:12	0:05:00	20.7	20.8	30.0	33.9	51.5	113.4	114.8	113.4	112.0	114.8	113.6	112.9	120.5	127.7	124.1	122.3	102.3	100.7	111.0	323.7	608.0	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/24/2015 10:17:31

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000268

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:03:22	0:05:10	20.5	20.6	30.0	33.4	50.8	113.4	114.8	113.4	112.0	114.8	113.6	112.9	120.3	126.3	124.1	122.3	102.0	100.7	111.0	323.7	608.0	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.5 DRM1 START: 323.7 DRM2 START: 607.9 MAX PRE TEMP: 124.4 MAX GAS TEMP: 112.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.8 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.1 MIN GAS TEMP: 102.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 122.4
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL N2 WASH(1) (Loop:5/5) 06/24/2015 10:17:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:22	0:00:00	20.5	20.6	30.0	33.4	50.8	113.4	114.8	113.4	112.0	114.8	113.6	112.9	120.3	126.3	124.1	122.3	102.0	100.7	111.0	323.7	608.0	0.9
1:04:22	0:01:00	21.8	21.9	30.0	35.3	52.2	114.4	115.8	114.3	113.1	115.8	114.5	114.0	120.0	126.1	124.1	122.3	105.9	99.7	111.0	323.7	608.0	0.9
1:05:22	0:02:00	23.2	23.3	30.0	36.2	52.6	115.1	116.5	115.0	113.8	116.4	115.2	114.8	119.9	125.8	129.3	122.1	111.4	98.3	111.0	323.7	608.0	0.9
1:06:22	0:03:00	24.5	24.6	30.0	37.1	53.4	115.4	116.8	115.3	114.2	116.8	115.5	115.3	120.3	126.5	129.1	122.0	113.9	97.0	111.1	323.7	608.0	0.9
1:07:22	0:04:00	25.9	26.0	30.0	37.1	53.2	115.6	116.9	115.5	114.4	117.0	115.8	115.5	120.0	126.3	128.9	121.9	114.7	95.9	111.1	323.7	608.0	0.9
1:08:23	0:05:00	27.2	27.4	30.0	38.0	54.2	115.8	116.9	115.7	114.6	117.1	115.9	115.7	120.0	126.0	128.9	121.7	114.9	95.0	111.2	323.7	608.0	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/24/2015 10:22:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:32	0:05:10	27.5	27.6	30.0	38.0	54.2	115.8	117.1	115.7	114.6	117.2	115.9	115.8	119.8	124.9	129.0	121.8	115.0	94.9	111.2	323.7	608.0	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 129.4 MAX GAS TEMP: 115.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 112.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 124.0 MIN GAS TEMP: 101.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.7

INITIAL EVACUATION(2) (Loop:5/5) 06/24/2015 10:22:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:32	0:00:00	27.5	27.6	30.0	38.0	54.2	115.8	117.1	115.7	114.6	117.2	115.9	115.8	119.8	124.9	129.0	121.8	115.0	94.9	111.2	323.7	608.0	0.9
1:09:32	0:01:00	26.2	26.3	30.0	36.2	52.8	114.9	116.3	114.8	113.8	116.3	115.0	114.7	119.9	125.0	128.9	121.7	113.1	97.2	111.3	323.7	608.0	0.9
1:10:32	0:02:00	24.8	24.9	30.0	35.3	52.1	114.4	115.7	114.4	113.3	115.8	114.7	114.1	119.9	125.5	128.9	121.6	110.5	99.0	111.3	323.7	608.0	0.9
1:11:32	0:03:00	23.4	23.5	30.0	34.3	51.0	114.2	115.5	114.2	113.1	115.5	114.3	113.9	120.1	125.8	128.9	121.6	108.1	100.1	111.3	323.7	608.0	0.9
1:12:32	0:04:00	22.1	22.2	30.0	33.9	50.5	114.2	115.5	114.2	112.9	115.4	114.3	113.7	120.0	125.9	128.9	121.6	106.0	100.8	111.4	323.7	608.0	0.9
1:13:32	0:05:00	20.7	20.8	30.0	33.4	49.9	114.1	115.4	114.1	112.8	115.4	114.3	113.7	120.3	126.5	128.8	121.5	104.1	101.3	111.5	323.7	608.0	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/24/2015 10:27:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:40	0:05:08	20.5	20.6	30.0	33.5	49.9	114.1	115.4	114.1	112.8	115.4	114.3	113.7	119.9	125.3	128.9	121.5	103.8	101.4	111.4	323.7	608.0	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 129.0 MAX GAS TEMP: 115.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.8 MIN GAS TEMP: 103.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.4

HUMIDIFICATION(1) 06/24/2015 10:27:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:40	0:00:00	20.5	20.6	30.0	33.5	49.9	114.1	115.4	114.1	112.8	115.4	114.3	113.7	119.9	125.3	128.9	121.5	103.8	101.4	111.4	323.7	608.0	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000269

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

1:14:40	0:01:00	20.7	20.8	30.0	35.3	51.9	114.6	115.7	114.7	113.5	115.7	114.9	114.4	119.4	123.8	128.8	121.4	102.2	100.3	111.5	323.7	608.0	0.9
1:15:40	0:02:00	20.9	21.0	30.0	40.7	59.4	114.9	115.8	115.1	114.0	115.8	115.4	115.0	119.3	123.6	128.7	121.4	100.7	99.0	111.5	323.7	608.0	0.9
1:16:40	0:03:00	21.0	21.1	30.0	48.5	69.9	115.3	116.0	115.6	114.4	116.0	115.8	115.5	119.4	123.8	128.7	121.3	99.3	97.7	111.5	323.7	608.0	0.9
1:17:40	0:04:00	21.2	21.3	30.0	55.3	79.3	115.6	116.3	115.8	114.6	116.3	116.1	115.9	119.6	124.0	128.6	121.3	98.2	96.6	111.5	323.7	608.0	0.9

HUMIDIFICATION(1) SUMMARY 06/24/2015 10:31:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:42	0:04:02	21.2	21.3	30.0	55.7	79.9	115.6	116.3	115.8	114.6	116.3	116.1	115.9	119.4	123.8	128.6	121.2	98.1	96.5	111.5	323.7	608.0	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 116.4 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.9 MAX GAS TEMP: 103.8
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 128.6 MIN GAS TEMP: 098.1
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

HUMIDIFICATION DWELL(1) 06/24/2015 10:31:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:42	0:00:00	21.2	21.3	30.0	55.7	79.9	115.6	116.3	115.8	114.6	116.3	116.1	115.9	119.4	123.8	128.6	121.2	98.1	96.5	111.5	323.7	608.0	0.9
1:19:42	0:02:00	21.3	21.4	30.0	64.8	91.9	116.0	116.8	116.3	115.0	116.8	116.4	116.2	119.6	124.3	128.6	132.5	96.2	94.8	113.4	323.7	607.9	0.8
1:21:42	0:04:00	21.2	21.3	30.0	66.2	93.6	116.1	116.9	116.3	115.1	116.9	116.6	116.3	119.8	124.9	128.5	132.4	94.7	93.3	113.0	323.7	608.0	0.9
1:23:42	0:06:00	21.2	21.3	30.0	65.7	92.8	116.2	116.9	116.4	115.1	117.0	116.6	116.3	120.0	125.9	128.3	132.3	93.4	92.1	113.2	323.7	608.0	0.9
1:25:42	0:08:00	21.2	21.3	30.0	64.8	91.3	116.2	117.1	116.4	115.2	117.1	116.7	116.3	119.8	126.1	128.1	132.1	92.3	91.1	113.4	323.7	608.0	0.8
1:27:43	0:10:00	21.2	21.3	30.0	63.9	90.0	116.3	117.2	116.4	115.2	117.2	116.7	116.4	119.2	123.1	127.9	131.9	91.6	90.4	113.5	323.7	608.0	0.9
1:29:43	0:12:01	21.2	21.3	30.0	63.0	88.4	116.4	117.3	116.6	115.3	117.3	116.8	116.4	119.6	123.6	127.9	131.8	90.9	89.9	113.7	323.7	608.0	0.9
1:31:43	0:14:01	21.2	21.3	30.0	62.5	87.5	116.5	117.4	116.7	115.4	117.5	116.9	116.5	120.0	124.9	127.8	131.6	90.4	89.4	113.8	323.7	608.0	0.9
1:33:43	0:16:01	21.2	21.3	30.0	62.1	87.0	116.4	117.4	116.6	115.4	117.5	116.9	116.6	120.3	126.0	127.6	131.4	90.0	89.0	113.9	323.7	608.0	0.9
1:35:43	0:18:01	21.2	21.3	30.0	61.6	85.9	116.6	117.6	116.8	115.5	117.6	117.1	116.6	119.6	125.4	127.5	131.4	89.6	88.7	114.0	323.7	608.0	0.9
1:37:43	0:20:01	21.2	21.3	30.0	61.2	85.1	116.7	117.7	116.9	115.6	117.7	117.2	116.7	119.3	122.8	127.4	131.1	89.2	88.4	114.1	323.7	608.0	0.9
1:39:43	0:22:01	21.2	21.3	30.0	60.7	84.5	116.7	117.7	116.9	115.6	117.8	117.2	116.8	119.8	124.0	127.3	130.9	89.0	88.1	114.1	323.7	608.0	0.9
1:41:43	0:24:01	21.2	21.3	30.0	60.7	84.2	116.8	117.8	117.0	115.7	117.9	117.3	116.9	120.3	125.3	127.3	130.8	88.8	88.0	114.2	323.7	608.0	0.9
1:43:44	0:26:01	21.2	21.3	30.0	60.3	83.6	116.8	117.8	117.0	115.7	117.9	117.3	116.9	120.3	126.2	127.1	130.6	88.5	87.9	114.3	323.7	608.0	0.9
1:45:44	0:28:02	21.2	21.3	30.0	60.3	83.3	116.9	117.8	117.2	115.8	118.0	117.4	117.0	119.3	123.4	127.1	130.4	88.3	87.7	114.4	323.7	608.0	0.9
1:47:44	0:30:02	21.2	21.3	30.0	59.8	82.7	117.0	118.0	117.1	115.8	118.1	117.5	117.0	119.4	123.0	126.7	130.3	88.2	87.4	114.4	323.7	608.0	0.9
1:49:44	0:32:02	21.2	21.3	30.0	59.3	81.9	117.0	118.0	117.2	115.9	118.0	117.5	117.1	120.3	125.3	126.8	130.2	88.1	87.4	114.4	323.7	608.0	0.8
1:51:44	0:34:02	21.2	21.3	30.0	59.3	81.8	117.0	118.0	117.2	116.0	118.0	117.5	117.0	118.3	119.8	126.6	130.0	87.9	87.3	114.5	323.7	608.0	0.9
1:53:44	0:36:02	21.2	21.3	30.0	58.9	81.3	117.0	118.0	117.2	115.9	118.0	117.5	117.0	119.0	123.7	126.5	129.9	87.8	87.3	114.5	323.7	608.0	0.9
1:55:44	0:38:02	21.2	21.3	30.0	58.9	81.3	117.0	117.8	117.2	115.9	118.0	117.5	117.1	118.2	120.1	126.4	129.7	87.8	87.3	114.6	323.7	608.0	0.8
1:57:44	0:40:02	21.2	21.3	30.0	58.9	81.4	117.0	117.8	117.2	115.9	118.0	117.5	117.1	118.8	123.2	126.4	129.6	87.6	87.3	114.6	323.7	608.0	0.9
1:59:44	0:42:02	21.2	21.3	30.0	58.4	80.6	117.1	118.0	117.3	115.9	118.1	117.5	117.1	118.3	120.3	126.1	129.5	87.6	87.3	114.6	323.7	608.0	0.9
	CHAMBER LOW TEMPERATURE ALARM RESET						06/24/2015 11:15:38																
2:01:29	0:43:47	21.2	21.3	30.0	58.4	80.5	117.1	118.1	117.3	116.0	118.1	117.6	117.1	119.3	123.5	126.2	129.3	87.6	87.3	114.7	323.7	608.0	0.9
2:01:45	0:44:02	21.2	21.3	30.0	58.4	80.6	117.1	118.0	117.3	115.9	118.1	117.6	117.1	118.9	122.3	126.2	129.3	87.6	87.3	114.6	323.7	608.0	0.9
2:03:45	0:46:02	21.2	21.3	30.0	58.4	80.6	117.1	118.0	117.3	115.9	118.1	117.6	117.1	119.8	124.8	126.0	129.1	87.4	87.3	114.6	323.7	608.0	0.9
2:05:45	0:48:03	21.2	21.3	30.0	58.0	79.9	117.1	118.0	117.3	115.9	118.1	117.6	117.1	118.3	120.6	125.9	129.1	87.6	87.3	114.7	323.7	608.0	0.8
2:07:45	0:50:03	21.2	21.3	30.0	58.0	80.0	117.1	118.0	117.3	115.9	118.0	117.6	117.1	118.9	122.5	125.8	132.3	87.4	87.3	115.6	323.7	608.0	0.9
2:09:45	0:52:03	21.2	21.3	30.0	58.0	79.9	117.1	118.0	117.3	115.9	118.0	117.6	117.1	119.6	124.5	125.6	132.1	87.4	87.3	115.1	323.7	608.0	0.8
2:11:45	0:54:03	21.2	21.3	30.0	58.0	80.0	117.0	117.8	117.3	115.9	118.0	117.6	117.1	119.4	126.0	125.5	132.1	87.4	87.3	115.2	323.7	608.0	0.9
2:13:45	0:56:03	21.2	21.3	30.0	58.0	80.0	117.1	118.0	117.3	115.9	118.1	117.7	117.2	118.0	119.7	125.4	131.9	87.4	87.3	115.2	323.7	608.0	0.9
2:15:45	0:58:03	21.2	21.3	30.0	57.5	79.2	117.1	118.0	117.4	116.0	118.0	117.6	117.1	118.3	120.6	125.3	131.8	87.6	87.4	115.3	323.7	608.0	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/24/2015 11:31:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:42	1:00:00	21.2	21.3	30.0	57.5	79.3	117.1	118.0	117.3	115.9	118.1	117.7	117.1	118.8	122.2	125.1	131.6	87.3	87.4	115.3	323.7	608.0	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000270

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.7 MAX GAS TEMP: 098.1
END PRESS: 0021.2 MIN PRESS: 0021.2 MIN TEMP: 115.9 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.0 MIN GAS TEMP: 087.3
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL EVACUATION(3) 06/24/2015 11:31:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:42	0:00:00	21.2	21.3	30.0	57.5	79.3	117.1	118.0	117.3	115.9	118.1	117.7	117.1	118.8	122.2	125.1	131.6	87.3	87.4	115.3	323.7	608.0	0.9

INITIAL EVACUATION(3) SUMMARY 06/24/2015 11:32:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:15	0:00:33	20.5	20.6	30.0	57.1	79.1	116.9	117.8	117.1	115.7	117.8	117.3	116.9	120.5	128.4	125.0	131.6	87.4	90.6	115.4	323.7	608.0	0.9

START PRESS: 0021.2 MAX PRESS: 0021.2 MAX TEMP: 118.1 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 125.1 MAX GAS TEMP: 087.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 323.7 DRM2 END: 608.0 MIN PRE TEMP: 125.0 MIN GAS TEMP: 087.3
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 131.4

STERILANT INJECTION(1) 06/24/2015 11:32:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:15	0:00:00	20.5	20.6	30.0	57.1	79.1	116.9	117.8	117.1	115.7	117.8	117.3	116.9	120.5	128.4	125.0	131.6	87.4	90.6	115.4	323.7	608.0	0.9
CHAMBER LOW TEMPERATURE WARNING RESET 06/24/2015 11:32:25																							
2:18:15	0:00:00	20.5	20.6	30.0	57.1	79.1	116.9	117.8	117.1	115.7	117.8	117.3	116.9	120.5	128.4	125.0	131.6	87.4	90.6	115.4	323.7	608.0	0.9
2:19:15	0:01:00	21.2	21.3	30.0	57.5	79.5	117.0	117.8	117.3	115.8	117.9	117.6	117.0	119.0	122.9	125.0	130.8	113.1	90.8	115.3	323.7	602.3	0.9
2:20:16	0:02:00	21.9	21.9	30.0	59.3	81.9	117.0	117.8	117.4	115.9	117.9	117.7	117.1	119.2	123.2	124.9	129.9	111.7	90.3	115.3	323.7	602.2	39.9
2:21:16	0:03:00	22.6	22.7	30.0	61.6	85.1	117.0	117.8	117.3	115.9	117.8	117.6	117.0	119.8	126.2	124.7	128.9	111.1	89.9	115.2	323.7	602.2	92.6
2:22:16	0:04:00	23.2	23.3	30.0	63.9	88.7	116.8	117.6	117.1	115.7	117.6	117.5	116.8	119.3	125.2	124.7	131.9	117.4	89.7	116.1	323.7	602.2	148.4
2:23:16	0:05:00	23.9	24.0	30.0	65.7	91.4	116.7	117.4	117.1	115.6	117.7	117.5	116.8	119.0	123.6	124.5	131.1	115.7	89.5	115.6	323.6	600.7	202.5
2:24:16	0:06:01	24.6	24.7	30.0	67.5	93.2	117.0	117.8	117.3	115.9	117.8	117.6	116.9	119.2	122.9	124.3	130.2	116.7	89.3	115.6	323.7	596.2	255.2
2:25:16	0:07:01	25.3	25.4	30.0	69.3	95.4	117.1	117.8	117.5	116.1	118.0	117.7	117.2	119.4	123.3	124.2	129.1	113.3	89.1	115.5	323.6	595.2	309.5
2:26:16	0:08:01	26.0	26.1	30.0	71.1	97.7	117.2	118.0	117.5	116.2	118.1	117.9	117.3	118.4	120.6	123.9	131.8	114.7	89.0	116.7	323.6	595.2	362.2
2:27:16	0:09:01	26.7	26.8	30.0	72.5	99.5	117.3	118.0	117.6	116.2	118.0	117.8	117.3	118.0	119.3	128.8	130.8	115.1	88.9	115.8	323.6	595.2	417.6
2:28:16	0:10:01	27.3	27.4	30.0	74.3	100.0	117.2	118.1	117.5	116.2	118.2	117.9	117.4	119.8	124.8	128.7	130.2	117.1	88.8	115.7	323.6	590.5	470.8
2:29:17	0:11:01	28.0	28.1	30.0	76.1	100.0	117.3	118.1	117.6	116.4	118.2	118.0	117.5	118.4	120.9	128.1	129.1	117.3	88.7	115.6	323.6	588.5	523.6

STERILANT INJECTION(1) SUMMARY 06/24/2015 11:43:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:24	0:11:08	28.0	28.1	30.0	76.6	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.5	118.3	120.6	128.1	128.9	117.3	88.7	115.6	323.6	588.5	529.6

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.2 DRM1 START: 323.7 DRM2 START: 608.0 MAX PRE TEMP: 128.9 MAX GAS TEMP: 118.7
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.7 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 123.6 MIN GAS TEMP: 108.9
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 019.5 MAX VAP TEMP: 131.9
EO USED PHASE: 019.6 EO USED CYCLE:019.6 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/24/2015 11:43:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:24	0:00:00	28.0	28.1	30.0	76.6	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.5	118.3	120.6	128.1	128.9	117.3	88.7	115.6	323.6	588.5	529.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000271

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

2:30:24	0:01:00	28.7	28.8	30.0	77.5	100.0	117.3	118.0	117.6	116.4	118.1	117.9	117.4	118.4	123.1	127.7	132.1	110.3	88.6	116.5	323.6	588.5	576.3
	N2 BLANKET(1) SUMMARY				06/24/2015 11:45:01																		
CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
2:30:52	0:01:28	29.0	29.1	30.0	77.9	100.0	117.3	118.1	117.6	116.4	118.2	118.0	117.5	120.3	126.7	127.6	132.1	111.9	88.6	116.2	323.6	588.5	592.9

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.1 MAX GAS TEMP: 117.4
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.6 MIN GAS TEMP: 110.0
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 128.9

	EXPOSURE(1)		06/24/2015 11:45:01																				
CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
2:30:52	0:00:00	29.0	29.1	30.0	77.9	100.0	117.3	118.1	117.6	116.4	118.2	118.0	117.5	120.3	126.7	127.6	132.1	111.9	88.6	116.2	323.6	588.5	592.9
2:31:52	0:01:00	29.0	29.1	30.0	77.5	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.4	118.7	121.6	127.3	132.1	112.0	88.5	116.0	323.6	588.5	602.0
2:32:52	0:02:00	28.9	29.0	30.0	76.6	100.0	117.2	118.0	117.5	116.3	118.1	117.9	117.4	118.0	120.0	127.0	132.1	110.3	88.4	116.0	323.6	588.5	597.5
2:33:52	0:03:00	28.9	29.0	30.0	76.6	100.0	117.3	118.1	117.6	116.3	118.2	117.9	117.4	119.4	124.4	126.7	131.9	108.6	88.3	116.0	323.6	588.5	591.4
2:34:52	0:04:00	28.9	29.0	30.0	76.1	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.4	118.3	120.7	126.6	131.9	107.2	88.2	116.1	323.6	588.5	583.9
2:35:52	0:05:00	28.8	28.9	30.0	76.1	100.0	117.3	118.1	117.6	116.4	118.1	117.9	117.4	119.6	126.5	126.4	131.8	105.7	88.1	116.1	323.6	588.5	577.8
2:36:52	0:06:01	28.8	28.9	30.0	76.1	100.0	117.4	118.2	117.6	116.4	118.2	117.9	117.5	118.9	122.7	126.2	131.6	104.4	88.1	116.1	323.6	588.5	568.8
2:37:52	0:07:01	28.8	28.9	30.0	76.1	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.5	118.1	120.0	126.0	131.6	103.2	88.0	116.1	323.6	588.5	561.3
2:38:53	0:08:01	28.7	28.8	30.0	75.7	100.0	117.3	118.1	117.6	116.4	118.2	117.9	117.5	119.9	125.8	125.9	131.6	102.2	88.0	116.1	323.6	588.5	555.2
	BEGIN GAS ADDITION (1) (ksim)					06/24/2015 11:53:42																	
2:39:52	0:08:41	28.7	28.8	30.0	75.7	100.0	117.4	118.2	117.7	116.5	118.2	118.0	117.5	118.9	122.3	125.7	131.6	101.5	87.9	116.1	323.6	588.5	549.2
	END GAS ADDITION (2) (ksim)					06/24/2015 11:53:54																	
2:39:45	0:08:53	29.0	29.1	30.0	76.1	100.0	117.4	118.2	117.7	116.5	118.3	118.1	117.5	118.7	121.5	125.7	131.6	101.6	87.9	116.0	323.6	588.5	549.2
2:39:53	0:09:01	29.0	29.1	30.0	76.6	100.0	117.5	118.3	117.8	116.5	118.3	118.1	117.6	118.4	121.2	125.7	131.6	102.3	87.9	116.1	323.6	588.5	550.7
2:40:53	0:10:01	29.0	29.1	30.0	76.6	100.0	117.4	118.2	117.7	116.5	118.3	118.1	117.6	118.2	122.1	125.5	131.4	102.6	87.9	116.1	323.6	588.5	546.1
2:41:53	0:11:01	29.0	29.1	30.0	76.1	100.0	117.4	118.2	117.7	116.5	118.3	118.1	117.6	119.3	123.7	125.3	131.4	101.6	87.8	116.1	323.6	588.5	535.6
2:42:53	0:12:01	29.0	29.0	30.0	76.1	100.0	117.5	118.2	117.8	116.5	118.3	118.1	117.6	118.3	120.4	125.2	131.2	100.6	87.8	116.1	323.6	588.5	528.3
2:43:53	0:13:01	28.9	29.0	30.0	75.7	100.0	117.4	118.2	117.7	116.5	118.3	118.0	117.5	120.3	127.3	125.0	131.2	99.8	87.8	116.1	323.6	588.5	523.5
2:44:53	0:14:02	28.9	29.0	30.0	75.7	100.0	117.5	118.3	117.8	116.5	118.3	118.1	117.6	118.7	121.9	124.9	131.1	98.9	87.7	116.0	323.6	588.5	517.5
2:45:53	0:15:02	28.9	29.0	30.0	75.7	100.0	117.5	118.2	117.8	116.5	118.3	118.1	117.7	118.0	119.7	124.8	131.1	98.2	87.7	116.1	323.6	588.5	513.0
2:46:54	0:16:02	28.9	29.0	30.0	75.7	100.0	117.5	118.3	117.8	116.5	118.4	118.1	117.7	119.6	124.9	124.6	130.9	97.5	87.6	116.1	323.6	588.5	508.5
2:47:54	0:17:02	28.9	29.0	30.0	75.7	100.0	117.5	118.3	117.8	116.5	118.4	118.1	117.6	118.3	120.8	124.4	130.8	96.9	87.6	116.0	323.6	588.5	505.5
2:48:54	0:18:02	28.8	28.9	30.0	75.7	100.0	117.5	118.3	117.8	116.5	118.3	118.1	117.6	119.3	126.3	124.3	130.7	96.2	87.4	116.1	323.6	588.5	497.9
2:49:54	0:19:02	28.8	28.9	30.0	75.7	100.0	117.5	118.3	117.8	116.6	118.4	118.1	117.7	118.9	122.8	124.2	130.7	95.7	87.4	116.1	323.6	588.5	494.9
2:50:54	0:20:02	28.8	28.9	30.0	76.1	100.0	117.5	118.3	117.8	116.5	118.4	118.2	117.7	118.1	120.0	126.3	130.6	95.3	87.4	116.0	323.6	588.5	491.8
2:51:54	0:21:03	28.8	28.9	30.0	76.1	100.0	117.6	118.3	117.9	116.6	118.4	118.2	117.7	120.1	126.6	128.6	130.5	94.8	87.4	116.1	323.6	588.5	487.4
2:52:54	0:22:03	28.8	28.9	30.0	75.7	100.0	117.6	118.3	117.9	116.6	118.4	118.2	117.7	118.6	121.5	128.3	130.5	94.4	87.3	116.0	323.6	588.5	484.3
2:53:54	0:23:03	28.8	28.9	30.0	75.7	100.0	117.6	118.3	117.9	116.6	118.4	118.2	117.7	118.0	120.1	128.0	130.4	94.0	87.3	116.0	323.6	588.5	481.3
2:54:55	0:24:03	28.7	28.8	30.0	75.7	100.0	117.6	118.3	117.9	116.6	118.5	118.3	117.8	119.4	124.3	128.0	130.3	93.7	87.3	116.0	323.6	588.5	478.3
2:55:55	0:25:03	28.7	28.8	30.0	76.1	100.0	117.7	118.3	118.0	116.7	118.4	118.2	117.7	118.3	120.6	127.8	130.2	93.3	87.3	116.0	323.6	588.5	475.3
2:56:55	0:26:03	28.7	28.8	30.0	76.1	100.0	117.6	118.3	117.9	116.6	118.5	118.2	117.7	119.9	127.2	127.8	130.2	93.0	87.3	116.0	323.6	588.5	472.2
	BEGIN GAS ADDITION (1) (ksim)					06/24/2015 12:11:36																	
2:57:27	0:26:35	28.7	28.8	30.0	76.1	100.0	117.6	118.3	117.9	116.6	118.5	118.2	117.7	119.6	124.8	127.7	130.1	92.8	87.3	116.0	323.6	588.5	470.8
	END GAS ADDITION (2) (ksim)					06/24/2015 12:11:49																	
2:57:39	0:26:47	29.0	29.1	30.0	76.1	100.0	117.7	118.5	118.0	116.7	118.5	118.3	117.8	119.3	123.7	127.6	130.1	93.3	87.3	116.0	323.6	588.5	470.7
2:57:55	0:27:03	29.0	29.1	30.0	76.6	100.0	117.8	118.5	118.1	116.8	118.6	118.4	117.9	118.9	122.5	127.6	130.1	95.5	87.3	116.0	323.6	588.5	473.8
2:58:55	0:28:03	29.0	29.1	30.0	76.1	100.0	117.7	118.3	118.0	116.7	118.6	118.4	117.9	118.1	119.9	127.5	130.0	95.7	87.3	116.0	323.6	588.5	470.7
2:59:55	0:29:03	29.0	29.1	30.0	75.7	100.0	117.7	118.5	118.0	116.7	118.6	118.3	117.8	119.8	125.2	127.4	130.0	95.2	87.3	116.0	323.6	588.5	464.8
3:00:55	0:30:04	29.0	29.1	30.0	75.7	100.0	117.8	118.5	118.1	116.8	118.5	118.3	117.8	118.4	121.0	127.3	129.9	94.6	87.3	116.0	323.6	588.5	460.2
3:01:55	0:31:04	29.0	29.1	30.0	75.7	100.0	117.7	118.3	118.0	116.7	118.5	118.3	117.8	119.0	125.3	127.2	129.8	94.1	87.3	116.0	323.6	588.5	458.7
3:02:56	0:32:04	29.0	29.1	30.0	75.7	100.0	117.7	118.3	118.0	116.7	118.6	118.4	117.9	119.0	122.9	127.0	129.7	93.6	87.3	116.0	323.6	588.5	455.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000272

3:03:56	0:33:04	29.0	29.0	30.0	75.7	100.0	117.7	118.5	118.0	116.7	118.6	118.4	117.9	118.2	120.2	127.0	129.7	93.2	87.3	116.0	323.6	588.5	452.7
3:04:56	0:34:04	29.0	29.0	30.0	75.7	100.0	117.7	118.3	118.1	116.7	118.6	118.4	117.9	120.1	127.1	126.9	129.6	92.8	87.3	116.0	323.6	588.5	451.1
3:05:56	0:35:04	29.0	29.0	30.0	75.7	100.0	117.8	118.5	118.1	116.8	118.6	118.4	117.9	118.8	121.9	126.7	129.6	92.5	87.3	116.0	323.6	588.5	449.7
3:06:56	0:36:04	28.9	29.0	30.0	75.7	100.0	117.7	118.3	118.0	116.7	118.6	118.4	117.9	118.1	119.7	126.7	129.5	92.2	87.4	116.0	323.6	588.5	446.7
3:07:56	0:37:04	28.9	29.0	30.0	75.7	100.0	117.8	118.5	118.1	116.8	118.6	118.4	117.9	119.9	125.6	126.6	129.4	92.0	87.4	115.9	323.6	588.5	445.1
3:08:56	0:38:05	28.9	29.0	30.0	75.7	100.0	117.8	118.6	118.1	116.8	118.6	118.4	117.9	118.4	121.2	126.6	129.3	91.7	87.4	116.0	323.6	588.5	442.1
3:09:56	0:39:05	28.9	29.0	30.0	75.7	100.0	117.7	118.5	118.1	116.7	118.6	118.4	117.9	118.2	122.3	126.5	129.2	91.4	87.4	116.0	323.6	588.5	442.1
3:10:56	0:40:05	28.9	29.0	30.0	75.7	100.0	117.8	118.6	118.1	116.8	118.7	118.4	117.9	119.3	123.8	126.4	129.2	91.3	87.6	116.0	323.6	588.5	439.1
3:11:56	0:41:05	28.9	29.0	30.0	75.7	100.0	117.8	118.5	118.1	116.8	118.7	118.4	118.0	118.2	120.4	126.3	129.1	91.0	87.6	116.0	323.6	588.5	437.6
3:12:57	0:42:05	28.9	29.0	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.6	118.4	117.9	119.2	125.6	126.2	129.1	90.9	87.6	116.0	323.6	588.5	434.6
3:13:57	0:43:05	28.9	29.0	30.0	75.7	100.0	117.8	118.6	118.2	116.8	118.7	118.5	117.9	119.2	123.1	126.1	129.0	90.8	87.6	116.0	323.6	588.5	434.6
3:14:57	0:44:05	28.9	29.0	30.0	75.7	100.0	117.8	118.6	118.2	116.8	118.7	118.5	118.0	118.2	120.2	126.1	131.2	90.6	87.7	117.5	323.6	588.5	433.0
3:15:57	0:45:05	28.9	29.0	30.0	75.7	100.0	117.8	118.6	118.2	116.8	118.6	118.4	117.9	120.3	127.0	126.0	132.3	90.5	87.6	116.3	323.6	588.5	431.6
3:16:57	0:46:05	28.9	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.0	118.8	121.9	125.8	132.3	90.4	87.7	116.3	323.6	588.5	430.0
3:17:57	0:47:05	28.9	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.0	118.2	119.8	125.8	132.1	90.3	87.7	116.3	323.6	588.5	428.6
3:18:57	0:48:06	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.6	118.4	118.0	120.0	126.2	125.7	132.1	90.2	87.7	116.3	323.6	588.5	427.0
3:19:57	0:49:06	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.8	118.5	118.1	118.7	121.4	125.6	132.1	90.0	87.8	116.4	323.6	588.5	425.5
3:20:57	0:50:06	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.0	118.0	119.5	125.5	131.9	89.9	87.8	116.4	323.6	588.5	424.0
3:21:58	0:51:06	28.8	28.9	30.0	75.7	100.0	117.9	118.7	118.2	116.9	118.7	118.5	118.0	119.6	124.6	125.4	131.9	89.9	87.8	116.4	323.6	588.5	422.5
3:22:58	0:52:06	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.8	118.6	118.0	118.3	120.8	125.4	131.8	89.8	87.8	116.4	323.6	588.5	421.0
3:23:58	0:53:06	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.0	118.7	123.8	125.3	131.8	89.7	87.8	116.4	323.6	588.5	419.5
3:24:58	0:54:06	28.8	28.9	30.0	75.7	100.0	117.9	118.7	118.3	116.9	118.8	118.6	118.1	119.2	123.3	125.2	131.6	89.7	87.9	116.5	323.6	588.5	419.5
3:25:58	0:55:06	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.0	118.3	120.3	125.1	131.6	89.6	87.8	116.4	323.6	588.5	418.0
3:26:58	0:56:06	28.8	28.9	30.0	75.7	100.0	117.9	118.7	118.2	116.9	118.7	118.6	118.0	119.8	127.1	125.1	131.4	89.5	87.9	116.5	323.6	588.5	416.5
3:27:58	0:57:07	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.1	119.0	122.9	125.0	131.4	89.4	87.8	116.4	323.6	588.5	415.0
3:28:58	0:58:07	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.2	116.9	118.8	118.6	118.1	118.3	120.1	124.9	131.4	89.4	87.9	116.4	323.6	588.5	413.5
3:29:58	0:59:07	28.8	28.9	30.0	75.7	100.0	117.9	118.7	118.2	116.9	118.8	118.6	118.1	120.0	127.2	124.8	131.2	89.3	87.9	116.4	323.6	588.5	411.9

EXPOSURE(1) SUMMARY 06/24/2015 12:45:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:52	1:00:00	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.0	118.9	122.7	124.7	131.1	89.2	87.9	116.5	323.6	588.5	412.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.9 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.6 MAX GAS TEMP: 112.8
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.0 MIN GAS TEMP: 089.2
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/24/2015 12:45:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:52	0:00:00	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.0	118.9	122.7	124.7	131.1	89.2	87.9	116.5	323.6	588.5	412.0
3:31:52	0:01:00	28.8	28.9	30.0	75.7	100.0	117.9	118.7	118.3	116.9	118.8	118.6	118.1	118.2	120.0	124.8	131.1	89.2	87.9	116.5	323.6	588.5	412.0
3:32:52	0:02:00	28.8	28.8	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.1	120.6	129.8	124.6	131.1	89.2	87.9	116.5	323.6	588.5	410.5
3:33:52	0:03:00	28.8	28.8	30.0	75.7	100.0	118.1	118.8	118.4	117.1	119.0	118.7	118.2	124.2	138.7	124.5	130.9	89.2	87.8	116.4	323.6	588.5	408.9
3:34:52	0:04:00	28.8	28.8	30.0	75.7	100.0	118.2	118.9	118.5	117.2	119.2	118.9	118.4	119.2	122.8	124.4	130.9	89.1	87.9	116.5	323.6	588.5	407.4
3:35:52	0:05:00	28.7	28.8	30.0	75.7	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.3	116.9	115.7	124.3	130.8	89.0	87.9	116.5	323.6	588.5	405.9
3:36:52	0:06:01	28.7	28.8	30.0	75.7	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.2	116.7	115.6	124.2	130.7	89.0	87.9	116.4	323.6	588.5	406.0
3:37:52	0:07:01	28.7	28.8	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.1	116.8	116.3	124.1	130.6	89.0	87.9	116.4	323.6	588.5	405.9
3:38:52	0:08:01	28.7	28.8	30.0	74.8	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	116.7	116.6	124.1	130.5	88.9	87.9	116.5	323.6	588.5	404.4
3:39:53	0:09:01	28.7	28.8	30.0	75.7	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.0	119.8	126.7	124.1	130.4	88.9	87.9	116.4	323.6	588.5	404.4
3:40:53	0:10:01	28.7	28.8	30.0	75.7	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.0	118.2	121.0	129.4	130.4	88.9	87.9	116.4	323.6	588.5	402.9
3:41:53	0:11:01	28.7	28.8	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.1	120.3	127.5	128.8	130.4	88.9	87.8	116.4	323.6	588.5	401.4
3:42:53	0:12:01	28.7	28.8	30.0	75.7	100.0	118.0	118.7	118.4	117.0	118.8	118.6	118.1	118.6	121.7	128.8	130.3	88.9	87.9	116.4	323.6	588.5	401.5
	BEGIN GAS ADDITION (2) (ksim) 06/24/2015 12:57:44																						
3:43:35	0:12:43	28.7	28.8	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.1	118.0	120.0	128.7	130.2	88.8	87.9	116.4	323.6	588.5	399.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000273

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

END GAS ADDITION (3) (ksim) 06/24/2015 12:57:56

3:43:47	0:12:55	29.0	29.1	30.0	74.8	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.1	117.8	119.6	128.7	130.2	89.5	87.9	116.4	323.6	588.5	401.5
3:43:53	0:13:01	29.0	29.1	30.0	75.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	117.8	119.5	128.8	130.2	90.8	87.9	116.4	323.6	588.5	401.4
3:44:53	0:14:01	29.0	29.1	30.0	75.7	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.1	117.5	118.5	128.6	130.1	93.1	87.9	116.3	323.6	588.5	402.9
3:45:53	0:15:01	29.0	29.1	30.0	75.7	100.0	117.8	118.5	118.2	116.9	118.7	118.6	118.1	117.8	121.7	128.6	130.0	92.5	88.0	116.3	323.6	588.5	398.3
3:46:53	0:16:02	29.0	29.1	30.0	74.8	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.1	119.6	125.3	128.5	130.0	92.0	88.0	116.4	323.6	588.5	398.4
3:47:53	0:17:02	29.0	29.1	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	118.2	120.8	128.4	129.9	91.6	88.0	116.3	323.6	588.5	395.4
3:48:54	0:18:02	29.0	29.1	30.0	74.8	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.1	117.8	121.2	128.2	129.8	91.2	88.0	116.3	323.6	588.5	393.8
3:49:54	0:19:02	29.0	29.1	30.0	74.8	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.1	119.9	126.0	128.2	129.8	90.9	87.9	116.3	323.6	588.5	392.4
3:50:54	0:20:02	29.0	29.1	30.0	74.8	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.1	118.4	121.2	128.1	129.7	90.7	87.9	116.3	323.6	588.5	392.4
3:51:54	0:21:02	29.0	29.1	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	117.8	119.5	128.0	129.7	90.4	88.0	116.3	323.6	588.5	392.3
3:52:54	0:22:02	29.0	29.1	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	117.6	118.7	127.9	129.6	90.2	87.9	116.2	323.6	588.5	392.4
3:53:54	0:23:02	29.0	29.1	30.0	74.8	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.0	120.0	128.4	127.8	129.5	90.0	88.0	116.3	323.6	588.5	390.8
3:54:54	0:24:02	29.0	29.1	30.0	74.8	100.0	118.1	118.8	118.5	117.1	118.9	118.7	118.2	123.9	139.3	127.7	129.5	89.9	88.0	116.3	323.6	588.5	390.9
3:55:54	0:25:02	29.0	29.1	30.0	74.8	99.8	118.3	118.9	118.6	117.3	119.1	118.9	118.4	120.4	126.4	127.7	129.3	89.7	88.0	116.3	323.6	588.5	389.3
3:56:54	0:26:03	29.0	29.1	30.0	74.8	99.7	118.3	118.9	118.7	117.3	119.1	118.9	118.4	117.2	116.5	127.6	129.3	89.6	88.0	116.3	323.6	588.5	389.3
3:57:55	0:27:03	29.0	29.1	30.0	74.8	100.0	118.2	118.8	118.5	117.2	118.9	118.7	118.3	116.7	115.4	127.5	129.2	89.4	88.0	116.3	323.6	588.5	389.3
3:58:55	0:28:03	29.0	29.1	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	116.7	116.1	127.3	129.2	89.3	88.0	116.2	323.6	588.5	387.9
3:59:55	0:29:03	29.0	29.1	30.0	74.3	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.1	116.7	116.5	127.3	129.1	89.2	88.0	116.2	323.6	588.5	386.3
4:00:55	0:30:03	29.0	29.1	30.0	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.6	124.9	127.1	129.1	89.2	88.0	116.2	323.6	588.5	386.3
4:01:55	0:31:03	29.0	29.0	30.0	74.7	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.1	118.8	123.4	127.1	128.9	89.0	88.0	116.2	323.6	588.5	386.3
4:02:55	0:32:03	29.0	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	119.0	126.3	127.1	128.9	89.0	88.0	116.2	323.6	588.5	386.3
4:03:55	0:33:03	29.0	29.0	30.0	74.8	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	123.4	138.3	127.0	128.9	89.0	88.0	116.2	323.6	588.5	386.3
4:04:55	0:34:04	29.0	29.1	30.0	74.8	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.3	120.5	127.0	126.8	128.8	88.9	88.0	116.2	323.6	588.5	386.4
4:05:55	0:35:04	29.0	29.0	30.0	74.8	99.9	118.2	118.9	118.5	117.3	119.1	118.9	118.4	117.0	116.7	126.7	128.7	88.8	88.0	116.2	323.6	588.5	384.9
4:06:56	0:36:04	29.0	29.0	30.0	74.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	116.7	115.6	126.7	128.7	88.8	88.1	116.2	323.6	588.5	384.8
4:07:56	0:37:04	29.0	29.0	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	116.7	116.1	126.6	128.6	88.7	88.1	116.1	323.6	588.5	383.3
4:08:56	0:38:04	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	116.7	116.5	126.5	128.5	88.7	88.0	116.1	323.6	588.5	383.3
4:09:56	0:39:04	28.9	29.0	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	119.0	126.4	126.5	128.5	88.7	88.1	116.1	323.6	588.5	381.8
4:10:56	0:40:04	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.2	118.7	123.0	126.3	128.4	88.7	88.1	116.1	323.6	588.5	381.8
4:11:56	0:41:04	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	117.7	119.6	126.3	128.3	88.7	88.1	116.1	323.6	588.5	381.8
4:12:56	0:42:05	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	120.6	130.5	126.2	128.3	88.7	88.1	116.1	323.6	588.5	381.8
4:13:56	0:43:05	28.9	29.0	30.0	74.8	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.2	124.0	139.5	126.1	128.2	88.7	88.2	116.2	323.6	588.5	381.8
4:14:56	0:44:05	28.9	29.0	30.0	75.7	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.4	119.4	123.8	126.1	128.1	88.7	88.2	116.2	323.6	588.5	381.8
4:15:57	0:45:05	28.9	29.0	30.0	74.8	100.0	118.2	118.8	118.5	117.3	119.1	118.9	118.4	116.8	116.0	126.0	128.1	88.7	88.3	116.1	323.6	588.5	380.3
4:16:57	0:46:05	28.9	29.0	30.0	75.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	116.6	115.6	126.0	128.0	88.7	88.3	116.2	323.6	588.5	380.3
4:17:57	0:47:05	28.9	29.0	30.0	74.8	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	116.7	116.2	125.8	128.0	88.7	88.3	116.1	323.6	588.5	380.3
4:18:57	0:48:05	28.9	29.0	30.0	74.7	100.0	117.9	118.5	118.3	117.0	118.6	118.5	118.1	116.6	116.6	125.7	127.9	88.7	88.3	116.0	323.6	588.5	378.7
4:19:57	0:49:05	28.9	29.0	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.1	120.0	127.9	125.7	127.8	88.7	88.3	116.1	323.6	588.5	378.8
4:20:57	0:50:05	28.9	29.0	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.2	118.2	121.5	125.5	127.8	88.7	88.3	116.0	323.6	588.5	377.3
4:21:57	0:51:05	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.5	119.1	125.5	127.6	88.7	88.3	116.0	323.6	588.5	377.3
4:22:57	0:52:06	28.9	29.0	30.0	74.8	100.0	117.9	118.5	118.2	117.0	118.7	118.6	118.1	117.4	120.8	125.4	127.6	88.5	88.4	116.0	323.6	588.5	377.3
4:23:57	0:53:06	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.8	125.8	125.3	127.6	88.7	88.4	116.0	323.6	588.5	375.8
4:24:58	0:54:06	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.1	118.2	120.9	125.2	127.5	88.7	88.3	116.0	323.6	588.5	375.8
4:25:58	0:55:06	28.9	29.0	30.0	74.9	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.2	117.6	119.1	125.2	127.4	88.5	88.4	116.0	323.6	588.5	375.8
4:26:58	0:56:06	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	117.3	118.4	125.1	127.4	88.7	88.3	116.0	323.6	588.5	375.8
4:27:58	0:57:06	28.9	29.0	30.0	74.7	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	120.6	129.9	125.0	127.3	88.7	88.3	116.0	323.6	588.5	375.8
4:28:58	0:58:06	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.2	118.9	123.4	124.9	127.2	88.7	88.4	116.1	323.6	588.5	375.8
4:29:58	0:59:06	28.9	29.0	30.0	74.7	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.2	118.1	120.2	125.0	127.2	88.7	88.5	116.0	323.6	588.5	375.8
4:30:58	1:00:07	28.9	29.0	30.0	74.7	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	117.7	119.0	124.7	127.2	88.7	88.4	116.0	323.6	588.5	372.7
4:31:58	1:01:07	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.1	117.4	118.3	124.7	127.1	88.7	88.5	116.0	323.6	588.5	372.8
4:32:59	1:02:07	28.9	29.0	30.0	74.8	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.1	119.9	128.2	124.6	127.0	88.7	88.5	116.0	323.6	588.5	372.8
4:33:59	1:03:07	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.8	118.7	118.2	118.7	122.6	124.5	127.0	88.7	88.5	116.0	323.6	588.5	372.8
4:34:59	1:04:07	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	117.8	119.8	124.4	126.9	88.7	88.5	115.9	323.6	588.5	371.3
4:35:59	1:05:07	28.9	29.0	30.0	74.7	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	117.5	118.7	124.4	126.9	88.7	88.6	116.0	323.6	588.5	371.2
4:36:59	1:06:07	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.1	120.3	129.1	124.2	126.8	88.7	88.5	115.9	323.6	588.5	371.2
4:37:59	1:07:07	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	119.0	123.5	124.2	126.7	88.7	88.5	115.9	323.6	588.5	371.2
4:38:59	1:08:07	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.1	118.1	120.3	124.1	126.7	88.7	88.5	115.9	323.6	588.5	369.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000274

4:39:59	1:09:08	28.9	29.0	30.0	74.7	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.2	117.6	119.0	124.1	126.6	88.7	88.6	115.9	323.6	588.5	369.7
4:40:59	1:10:08	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.1	117.3	118.3	129.3	126.5	88.7	88.6	115.9	323.6	588.5	369.8
4:42:00	1:11:08	28.9	29.0	30.0	74.7	100.0	118.0	118.6	118.4	117.0	118.8	118.7	118.2	122.1	134.7	129.0	126.5	88.7	88.6	115.9	323.6	588.5	369.7
4:43:00	1:12:08	28.9	29.0	30.0	74.8	100.0	118.2	118.9	118.6	117.2	119.0	118.9	118.4	121.6	130.5	129.0	126.4	88.7	88.6	116.0	323.6	588.5	369.8
4:44:00	1:13:08	28.9	29.0	30.0	74.8	100.0	118.2	118.8	118.6	117.2	119.1	118.9	118.4	117.4	117.9	128.8	126.3	88.7	88.6	116.0	323.6	588.5	369.8
4:45:00	1:14:08	28.9	29.0	30.0	74.8	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	116.6	115.6	128.6	126.3	88.7	88.6	115.9	323.6	588.5	369.8
4:46:00	1:15:08	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.6	116.0	128.7	126.3	88.7	88.6	115.9	323.6	588.5	369.8
4:47:00	1:16:08	28.9	29.0	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.7	118.7	118.2	116.5	116.4	128.6	126.1	88.7	88.6	115.9	323.6	588.5	369.7
4:48:00	1:17:08	28.9	29.0	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	121.0	132.1	128.5	126.1	88.7	88.6	115.9	323.6	588.5	368.2
4:49:00	1:18:09	28.9	29.0	30.0	74.7	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.3	123.8	138.5	128.3	126.0	88.7	88.6	115.9	323.6	588.5	368.2
4:50:00	1:19:09	28.9	29.0	30.0	74.8	99.6	118.4	119.1	118.7	117.4	119.1	119.0	118.4	118.9	122.2	128.2	126.0	88.7	88.6	115.9	323.6	588.5	368.2
4:51:01	1:20:09	28.9	29.0	30.0	74.8	99.9	118.2	118.8	118.6	117.3	119.0	118.9	118.4	116.6	115.8	128.1	125.9	88.7	88.6	115.9	323.6	588.5	368.3
4:52:01	1:21:09	28.9	29.0	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.9	118.8	118.3	116.6	115.7	128.0	125.9	88.7	88.6	115.9	323.6	588.5	368.2
4:53:01	1:22:09	28.9	29.0	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.8	118.7	118.3	116.6	116.2	127.9	125.9	88.7	88.7	115.8	323.6	588.5	366.8
4:54:01	1:23:09	28.9	29.0	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.7	118.7	118.2	116.5	116.5	127.8	125.8	88.7	88.7	115.8	323.6	588.5	366.8
4:55:01	1:24:09	28.9	28.9	30.0	74.8	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.9	128.4	127.7	125.8	88.7	88.7	115.8	323.6	588.5	366.8
4:56:01	1:25:09	28.9	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.3	122.1	127.5	125.6	88.7	88.6	115.8	323.6	588.5	366.7
4:57:01	1:26:09	28.9	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.6	119.4	127.5	125.7	88.8	88.7	115.8	323.6	588.5	366.8
4:58:01	1:27:10	28.9	28.9	30.0	74.7	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	119.6	127.6	127.4	125.6	88.7	88.7	115.7	323.6	588.5	365.3
4:59:01	1:28:10	28.9	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	118.9	123.6	127.4	125.5	88.7	88.7	115.7	323.6	588.5	365.2
5:00:02	1:29:10	28.9	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	118.0	120.2	127.3	125.5	88.8	88.7	115.8	323.6	588.5	365.3
5:01:02	1:30:10	28.9	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.5	118.8	127.2	125.4	88.7	88.7	115.6	323.6	588.5	365.2
5:02:02	1:31:10	28.9	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.1	117.2	118.4	127.1	125.3	88.7	88.8	115.7	323.6	588.5	365.3
5:03:02	1:32:10	28.9	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.1	120.3	127.5	127.0	125.3	88.8	88.7	115.7	323.6	588.5	365.2
5:04:02	1:33:10	28.9	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	118.4	121.6	127.0	125.2	88.8	88.8	115.7	323.6	588.5	363.7
5:05:02	1:34:10	28.9	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.2	117.8	119.6	126.9	125.2	88.8	88.8	115.7	323.6	588.5	363.7
5:06:02	1:35:10	28.9	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.5	118.6	126.8	125.1	88.7	88.8	115.7	323.6	588.5	363.8
5:07:02	1:36:11	28.9	28.9	30.0	74.3	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.1	117.2	118.1	126.8	125.1	88.7	88.8	115.6	323.6	588.6	363.7
5:08:02	1:37:11	28.9	28.9	30.0	74.8	100.0	117.8	118.5	118.2	116.9	118.7	118.7	118.1	119.8	128.0	126.6	125.0	88.8	88.7	115.6	323.6	588.5	363.7
5:09:03	1:38:11	28.9	28.9	30.0	74.7	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	118.7	122.7	126.5	124.9	88.8	88.8	115.7	323.6	588.5	363.7
5:10:03	1:39:11	28.9	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.2	117.8	119.8	126.4	124.9	88.8	88.8	115.7	323.6	588.5	363.7
5:11:03	1:40:11	28.8	28.9	30.0	74.8	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	117.4	119.0	126.3	124.8	88.8	88.8	115.6	323.6	588.5	363.7
5:12:03	1:41:11	28.9	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	122.2	135.2	126.2	124.7	88.8	88.8	115.6	323.6	588.6	363.8
5:13:03	1:42:11	28.9	28.9	30.0	74.7	100.0	118.2	118.8	118.5	117.2	119.1	118.9	118.4	121.2	129.4	126.1	124.7	88.8	88.8	115.7	323.6	588.5	363.7
5:14:03	1:43:11	28.9	28.9	30.0	74.8	99.9	118.3	118.9	118.6	117.3	119.0	118.8	118.3	117.3	117.6	126.0	124.7	88.9	88.8	115.6	323.6	588.5	363.7
5:15:03	1:44:11	28.9	28.9	30.0	74.8	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.6	115.6	125.9	124.6	88.8	88.9	115.6	323.6	588.5	362.2
5:16:03	1:45:12	28.9	28.9	30.0	74.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.6	116.0	125.8	124.6	88.8	88.8	115.6	323.6	588.5	362.2
5:17:04	1:46:12	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.1	116.6	116.5	125.7	124.6	88.9	88.9	115.5	323.6	588.5	362.2
5:18:04	1:47:12	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.7	118.7	118.2	120.5	130.7	125.7	124.4	88.9	88.9	115.6	323.6	588.5	362.2
5:19:04	1:48:12	28.9	28.9	30.0	74.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	123.8	139.5	125.5	124.4	88.9	88.8	115.6	323.6	588.5	362.1
5:20:04	1:49:12	28.8	28.9	30.0	74.8	99.7	118.3	118.9	118.7	117.4	119.1	119.0	118.4	119.6	124.5	125.5	124.4	88.9	88.8	115.6	323.6	588.5	362.2
5:21:04	1:50:12	28.9	28.9	30.0	74.8	99.9	118.2	118.8	118.6	117.3	119.1	119.0	118.5	116.8	116.2	125.4	124.3	88.9	88.8	115.6	323.6	588.5	362.2
5:22:04	1:51:12	28.8	28.9	30.0	74.8	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.5	115.6	125.4	124.2	88.8	88.8	115.5	323.6	588.5	362.2
5:23:04	1:52:12	28.8	28.9	30.0	74.8	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	116.6	116.2	125.3	124.2	88.9	88.9	115.5	323.6	588.5	362.2
5:24:04	1:53:13	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.6	116.5	125.1	124.1	88.9	88.9	115.5	323.6	588.5	360.8
5:25:04	1:54:13	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.4	116.6	125.0	124.1	88.8	88.8	115.4	323.6	588.5	360.7
5:26:05	1:55:13	28.8	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	120.0	128.1	125.0	124.0	88.9	88.9	115.5	323.6	588.5	360.7
5:27:05	1:56:13	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	118.1	121.5	124.9	123.9	88.8	88.9	115.5	323.6	588.5	360.7
5:28:05	1:57:13	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.4	119.1	124.8	123.9	88.9	88.8	115.4	323.6	588.5	360.7
5:29:05	1:58:13	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.7	125.4	124.7	123.9	88.9	88.8	115.4	323.6	588.5	360.7
5:30:05	1:59:13	28.8	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	123.1	137.8	124.7	123.8	88.8	88.9	115.5	323.6	588.5	359.2
5:31:05	2:00:13	28.8	28.9	30.0	75.7	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.4	119.9	125.8	124.6	123.7	88.9	88.9	115.5	323.6	588.5	360.7
5:32:05	2:01:13	28.8	28.9	30.0	74.7	99.8	118.3	118.9	118.6	117.4	119.0	118.9	118.4	116.7	116.4	124.5	123.7	88.9	88.9	115.4	323.6	588.5	359.2
5:33:05	2:02:14	28.8	28.9	30.0	74.8	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	116.6	115.7	124.4	123.7	89.0	88.9	115.4	323.6	588.5	359.2
5:34:06	2:03:14	28.8	28.9	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	116.6	116.1	124.3	123.6	88.9	88.9	115.4	323.6	588.5	359.2
5:35:06	2:04:14	28.8	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.5	116.5	124.2	123.5	88.9	88.9	115.4	323.6	588.5	359.3
5:36:06	2:05:14	28.8	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	117.5	122.1	124.2	123.4	88.9	88.9	115.3	323.6	588.5	359.2
5:37:06	2:06:14	28.8	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	120.0	127.6	124.0	123.4	88.9	88.9	115.3	323.6	588.5	359.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000275

5:38:06	2:07:14	28.8	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.2	121.4	129.3	123.4	89.0	88.9	115.3	323.6	588.5	359.2
5:39:06	2:08:14	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.6	119.2	129.3	123.3	89.0	88.9	115.3	323.6	588.5	359.2
5:40:06	2:09:14	28.8	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.3	118.3	129.0	123.3	89.0	89.0	115.3	323.6	588.6	359.2
5:41:06	2:10:15	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.1	117.0	117.8	128.8	123.2	89.0	89.0	115.3	323.6	588.5	359.2
5:42:06	2:11:15	28.8	28.9	30.0	74.8	100.0	117.8	118.5	118.2	116.9	118.5	118.6	118.1	116.8	118.1	128.6	123.2	89.0	88.9	115.3	323.6	588.5	359.2
5:43:07	2:12:15	28.8	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	119.6	126.2	128.7	123.1	88.9	88.9	115.3	323.6	588.5	359.1
5:44:07	2:13:15	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.0	120.9	128.6	123.0	88.9	89.0	115.3	323.6	588.5	359.3
5:45:07	2:14:15	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	117.8	122.1	128.5	123.0	89.0	88.9	115.3	323.6	588.5	359.3
5:46:07	2:15:15	28.8	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.2	119.8	126.3	128.4	123.0	89.0	89.0	115.3	323.6	588.5	357.7
5:47:07	2:16:15	28.8	28.9	30.0	74.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	118.3	121.2	128.3	122.9	89.0	88.9	115.2	323.6	588.5	357.6
5:48:07	2:17:15	28.8	28.9	30.0	74.7	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.2	117.8	119.4	128.2	122.9	89.0	89.0	115.2	323.6	588.5	357.7
5:49:07	2:18:15	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.5	118.6	128.1	122.8	89.0	89.0	115.3	323.6	588.5	357.7
5:50:07	2:19:16	28.8	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.2	118.1	128.0	122.8	89.0	89.0	115.2	323.6	588.5	357.7
5:51:08	2:20:16	28.8	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	117.6	122.0	127.9	122.7	89.0	89.0	115.2	323.6	588.5	357.6
5:52:08	2:21:16	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	119.6	126.0	127.8	122.7	89.0	89.0	115.2	323.6	588.6	357.7
5:53:08	2:22:16	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	118.2	121.0	127.7	122.6	89.0	89.0	115.2	323.6	588.5	357.7
5:54:08	2:23:16	28.8	28.9	30.0	75.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.2	117.6	119.2	127.5	122.6	89.0	89.0	115.2	323.6	588.5	356.2
5:55:08	2:24:16	28.8	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	117.3	118.4	127.4	122.5	89.1	89.0	115.2	323.6	588.5	356.1
5:56:08	2:25:16	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	117.0	117.9	127.3	122.4	89.0	89.0	115.2	323.6	588.5	356.2
5:57:08	2:26:16	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.1	120.0	128.4	127.3	122.4	89.0	89.0	115.2	323.6	588.5	356.2
5:58:08	2:27:17	28.8	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.1	118.6	122.4	127.2	122.4	89.0	88.9	115.1	323.6	588.5	356.2
5:59:08	2:28:17	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.1	117.6	119.6	127.1	122.3	89.0	89.0	115.2	323.6	588.5	356.2
6:00:09	2:29:17	28.8	28.9	30.0	75.7	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	117.3	118.5	127.0	122.3	89.0	89.0	115.2	323.6	588.5	356.1
6:01:09	2:30:17	28.8	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	117.0	118.0	127.0	122.2	89.1	89.0	115.1	323.6	588.5	356.2
6:02:09	2:31:17	28.8	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.1	119.8	126.4	126.9	122.2	89.1	89.1	115.2	323.6	588.5	356.2
6:03:09	2:32:17	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.0	118.8	118.7	118.2	118.1	121.1	126.9	122.1	89.1	89.0	115.1	323.6	588.5	356.2
6:04:09	2:33:17	28.8	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.1	117.5	119.1	126.7	122.1	89.0	89.0	115.1	323.6	588.6	356.2
6:05:09	2:34:17	28.7	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.1	117.2	118.3	126.6	122.0	89.1	89.0	115.1	323.6	588.5	356.2
6:06:09	2:35:17	28.7	28.9	30.0	74.8	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.1	119.8	128.8	126.5	122.0	89.1	89.0	115.0	323.6	588.5	356.2
6:07:09	2:36:18	28.7	28.9	30.0	75.7	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.2	119.4	124.9	126.5	122.0	89.1	89.0	115.1	323.6	588.5	356.2
6:08:09	2:37:18	28.8	28.9	30.0	74.8	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.2	117.5	118.8	126.3	121.9	89.1	89.0	115.1	323.6	588.5	354.7
6:09:10	2:38:18	28.7	28.9	30.0	74.8	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.2	115.2	113.0	126.3	121.8	89.1	89.0	115.0	323.6	588.5	354.7
6:10:10	2:39:18	28.7	28.9	30.0	75.7	100.0	117.8	118.3	118.2	116.9	118.5	118.5	118.0	116.9	121.4	126.2	121.8	89.1	89.0	115.0	323.6	588.5	354.7
6:11:10	2:40:18	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.9	125.2	126.1	121.7	89.1	89.0	115.0	323.6	588.5	354.7
6:12:10	2:41:18	28.7	28.9	30.0	74.8	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	119.8	128.9	125.9	121.7	89.1	89.0	115.0	323.6	588.5	354.7
6:13:10	2:42:18	28.7	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	118.4	122.4	125.9	121.7	89.1	89.1	115.0	323.6	588.5	354.7
6:14:10	2:43:18	28.7	28.9	30.0	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.1	117.5	119.4	125.8	121.6	89.1	89.0	114.9	323.6	588.5	354.7
6:15:10	2:44:19	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	121.1	132.0	125.7	121.5	89.1	89.0	115.0	323.6	588.5	354.6
6:16:10	2:45:19	28.8	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.3	124.0	138.6	125.7	121.5	89.2	89.1	115.0	323.6	588.5	354.7
6:17:10	2:46:19	28.8	28.9	30.0	75.7	100.0	118.3	118.9	118.7	117.3	119.1	119.0	118.5	118.9	122.2	125.7	121.4	89.1	89.1	115.1	323.6	588.5	354.7
6:18:11	2:47:19	28.8	28.9	30.0	75.7	100.0	118.3	118.9	118.6	117.3	119.1	119.0	118.5	116.7	115.9	125.5	121.4	89.2	89.1	115.1	323.6	588.5	354.7
6:19:11	2:48:19	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.7	115.9	125.4	121.4	89.2	89.0	115.0	323.6	588.5	354.7
6:20:11	2:49:19	28.7	28.9	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	116.7	116.3	125.2	121.3	89.1	89.0	114.9	323.6	588.5	354.7
6:21:11	2:50:19	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.8	118.8	118.3	116.6	116.7	125.1	121.3	89.2	89.0	114.9	323.6	588.5	354.6
6:22:11	2:51:19	28.7	28.9	30.0	74.8	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	116.5	116.7	125.1	121.2	89.2	89.1	115.0	323.6	588.5	354.7
6:23:11	2:52:19	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.5	118.6	118.1	117.0	121.0	125.0	121.1	89.1	89.0	114.9	323.6	588.5	354.8
6:24:11	2:53:19	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.1	119.2	125.2	125.0	121.1	89.1	89.1	114.9	323.6	588.5	353.2
6:25:11	2:54:20	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.1	117.8	120.4	124.9	121.1	89.2	89.1	114.9	323.6	588.5	353.2
6:26:12	2:55:20	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.2	118.6	124.8	121.1	89.2	89.1	114.9	323.6	588.5	353.1
6:27:12	2:56:20	28.7	28.9	30.0	75.7	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	121.1	132.3	124.8	121.0	89.2	89.1	114.9	323.6	588.5	353.2
6:28:12	2:57:20	28.7	28.9	30.0	75.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	124.1	139.9	124.7	120.9	89.1	89.1	114.9	323.6	588.5	353.5
6:29:12	2:58:20	28.7	28.9	30.0	75.7	100.0	118.4	119.1	118.7	117.4	119.1	119.0	118.5	119.3	123.7	124.6	120.9	89.1	89.0	114.9	323.6	588.5	353.2
6:30:12	2:59:20	28.7	28.9	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	116.7	116.1	124.5	120.8	89.1	89.1	114.9	323.6	588.5	353.2
6:31:12	3:00:20	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.7	115.8	124.4	120.8	89.2	89.0	114.8	323.6	588.5	353.2
6:32:12	3:01:20	28.7	28.9	30.0	75.7	100.0	118.1	118.8	118.5	117.2	118.8	118.8	118.3	116.6	116.3	124.3	120.7	89.2	89.1	114.9	323.6	588.5	353.2
6:33:12	3:02:20	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.6	116.6	124.2	120.7	89.2	89.1	114.8	323.6	588.5	353.2
6:34:12	3:03:21	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	116.5	116.7	124.2	120.7	89.2	89.1	114.8	323.6	588.5	353.2
6:35:12	3:04:21	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.5	118.5	118.1	116.9	120.2	124.1	120.6	89.2	89.1	114.8	323.6	588.5	353.2

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000276

6:36:13	3:05:21	28.7	28.9	30.0	75.7	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	122.0	135.5	127.9	120.5	89.2	89.1	114.8	323.6	588.5	353.2
6:37:13	3:06:21	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	119.0	118.9	118.4	122.9	135.2	128.9	120.5	89.2	89.1	114.8	323.6	588.5	353.1
6:38:13	3:07:21	28.7	28.9	30.0	75.7	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	118.0	119.9	128.8	120.5	89.2	89.1	114.8	323.6	588.5	353.2
6:39:13	3:08:21	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.6	117.3	119.0	118.9	118.4	116.5	115.7	128.5	120.4	89.2	89.1	114.7	323.6	588.5	351.6
6:40:13	3:09:21	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.5	115.9	128.6	120.4	89.2	89.1	114.8	323.6	588.5	351.7
6:41:13	3:10:21	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.5	116.3	128.6	120.3	89.1	89.1	114.7	323.6	588.5	351.7
6:42:13	3:11:21	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.7	118.7	118.3	116.4	116.6	128.5	120.3	89.2	89.1	114.7	323.6	588.5	351.7
6:43:13	3:12:22	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.4	118.1	128.3	120.3	89.2	89.1	114.7	323.6	588.5	351.6
6:44:13	3:13:22	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.6	126.5	128.2	120.2	89.2	89.1	114.7	323.6	588.5	351.7
6:45:14	3:14:22	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.8	120.8	128.1	120.1	89.2	89.1	114.7	323.6	588.5	351.7
6:46:14	3:15:22	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.1	117.2	118.7	128.0	120.1	89.2	89.1	114.6	323.6	588.5	351.7
6:47:14	3:16:22	28.7	28.9	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	120.8	131.8	127.8	120.0	89.2	89.1	114.6	323.6	588.5	351.7
6:48:14	3:17:22	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	123.4	137.0	127.7	120.0	89.2	89.1	114.7	323.6	588.5	351.7
6:49:14	3:18:22	28.7	28.9	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	118.3	121.0	127.7	120.0	89.2	89.1	114.7	323.6	588.6	351.6
6:50:14	3:19:22	28.7	28.9	30.0	75.7	100.0	118.3	118.8	118.7	117.4	118.9	118.8	118.4	116.6	115.9	127.5	119.8	89.2	89.1	114.7	323.6	588.5	351.6
6:51:14	3:20:22	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.6	115.9	127.4	119.8	89.2	89.0	114.6	323.6	588.6	351.7
6:52:14	3:21:22	28.7	28.9	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	116.6	116.3	127.3	119.8	89.2	89.1	114.6	323.6	588.5	351.7
6:53:14	3:22:23	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.4	116.5	127.2	119.8	89.2	89.1	114.6	323.6	588.5	350.1
6:54:14	3:23:23	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.2	118.9	126.5	127.2	119.7	89.2	89.1	114.5	323.6	588.5	350.2
6:55:15	3:24:23	28.7	28.9	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	123.0	138.0	127.2	119.7	89.2	89.1	114.6	323.6	588.5	350.1
6:56:15	3:25:23	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.6	117.3	119.0	118.9	118.4	120.0	126.3	127.1	119.7	89.2	89.1	114.6	323.6	588.5	351.7
6:57:15	3:26:23	28.7	28.9	30.0	75.7	100.0	118.3	118.9	118.7	117.4	119.0	119.0	118.5	116.7	116.6	127.0	119.6	89.2	89.1	114.6	323.6	588.5	350.2
6:58:15	3:27:23	28.7	28.9	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.5	115.7	127.0	119.6	89.2	89.0	114.5	323.6	588.5	350.2
6:59:15	3:28:23	28.7	28.9	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	116.5	116.1	126.8	119.5	89.2	89.1	114.5	323.6	588.5	350.2
7:00:15	3:29:23	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.4	116.4	126.7	119.5	89.2	89.0	114.5	323.6	588.5	350.2
7:01:15	3:30:24	28.7	28.9	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.3	116.5	126.6	119.5	89.2	89.0	114.4	323.6	588.5	350.2
7:02:15	3:31:24	28.7	28.8	30.0	75.7	100.0	117.9	118.3	118.3	117.1	118.5	118.5	118.2	118.9	127.1	126.5	119.3	89.2	89.0	114.4	323.6	588.5	350.2
7:03:16	3:32:24	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.6	123.3	126.5	119.3	89.2	89.0	114.4	323.6	588.5	350.2
7:04:16	3:33:24	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.5	119.6	126.4	119.3	89.2	89.0	114.4	323.6	588.5	350.2
7:05:16	3:34:24	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.9	126.3	126.3	119.3	89.2	89.0	114.4	323.6	588.5	350.1
7:06:16	3:35:24	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.8	118.7	118.3	119.6	125.3	126.3	119.2	89.1	89.0	114.5	323.6	588.5	350.2
7:07:16	3:36:24	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.1	115.6	126.2	119.2	89.2	89.0	114.4	323.6	588.5	350.2
7:08:16	3:37:24	28.7	28.8	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.7	114.8	126.1	119.1	89.2	89.0	114.3	323.6	588.5	350.1
7:09:16	3:38:24	28.7	28.8	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.8	127.5	126.0	119.1	89.2	89.0	114.4	323.6	588.5	350.2
7:10:16	3:39:25	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.8	120.9	125.9	119.1	89.2	89.0	114.4	323.6	588.5	350.2
7:11:16	3:40:25	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	121.2	132.9	125.8	122.2	89.1	89.0	114.9	323.6	588.5	350.1
7:12:17	3:41:25	28.7	28.8	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.0	118.8	118.4	123.2	135.7	125.8	122.3	89.2	89.0	114.8	323.6	588.5	350.1
7:13:17	3:42:25	28.7	28.8	30.0	75.7	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.6	118.2	120.3	125.6	122.3	89.2	89.0	114.8	323.6	588.5	350.2
7:14:17	3:43:25	28.7	28.8	30.0	75.7	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.5	116.6	115.7	125.6	122.2	89.2	89.0	114.8	323.6	588.5	350.2
7:15:17	3:44:25	28.7	28.8	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.6	115.8	125.5	122.1	89.2	89.0	114.8	323.6	588.5	350.2
7:16:17	3:45:25	28.7	28.8	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.4	116.6	116.3	125.5	122.1	89.2	89.0	114.8	323.6	588.5	350.1
7:17:17	3:46:25	28.7	28.8	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.6	118.7	118.3	116.5	116.6	125.3	122.1	89.2	89.1	114.8	323.6	588.5	350.1
7:18:17	3:47:25	28.7	28.8	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.4	116.6	125.2	122.0	89.2	89.0	114.7	323.6	588.5	348.7
	BEGIN GAS ADDITION (4) (ksim)					06/24/2015 16:33:16																	
7:19:07	3:48:15	28.7	28.8	30.0	75.7	100.0	117.8	118.3	118.2	117.0	118.5	118.5	118.2	116.7	119.9	125.1	122.0	89.2	89.1	114.7	323.6	588.5	348.7
7:19:17	3:48:26	28.9	29.1	30.0	75.7	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.2	117.8	123.7	125.1	122.0	89.5	89.0	114.7	323.6	588.5	350.2
	END GAS ADDITION (4) (ksim)					06/24/2015 16:33:29																	
7:19:20	3:48:28	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	118.1	124.4	125.1	122.0	89.7	89.1	114.7	323.6	588.5	350.2
7:20:17	3:49:26	29.0	29.2	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	122.4	136.8	125.1	121.9	92.7	89.1	114.8	323.6	588.5	351.7
7:21:18	3:50:26	29.0	29.2	30.0	75.7	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.5	120.4	128.3	125.0	121.8	92.2	89.1	114.8	323.6	588.5	350.1
7:22:18	3:51:26	29.0	29.2	30.0	75.7	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.5	116.8	117.0	125.0	121.8	91.9	89.1	114.8	323.6	588.5	348.6
7:23:18	3:52:26	29.0	29.2	30.0	75.7	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	116.4	115.7	124.9	121.8	91.5	89.1	114.8	323.6	588.5	347.2
7:24:18	3:53:26	29.0	29.2	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.4	116.0	124.9	121.7	91.3	89.1	114.8	323.6	588.5	347.1
7:25:18	3:54:26	29.0	29.2	30.0	75.7	100.0	118.0	118.5	118.3	117.2	118.6	118.6	118.2	116.3	116.3	124.8	121.7	91.0	89.1	114.8	323.6	588.5	347.2
7:26:18	3:55:26	29.0	29.2	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.8	129.1	124.7	121.6	90.8	89.1	114.7	323.6	588.5	345.6
7:27:18	3:56:26	29.0	29.2	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	123.3	138.9	124.7	121.5	90.7	89.1	114.8	323.6	588.5	345.6
7:28:18	3:57:27	29.0	29.2	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	119.4	124.9	124.6	121.5	90.5	89.1	114.9	323.6	588.5	345.7
7:29:19	3:58:27	29.0	29.2	30.0	75.7	100.0	118.3	118.9	118.6	117.5	119.0	118.9	118.5	116.7	116.4	124.5	121.5	90.4	89.0	114.8	323.6	588.5	345.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000277

7:30:19	3:59:27	29.0	29.2	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.5	115.7	124.4	121.4	90.2	89.0	114.7	323.6	588.5	345.6
7:31:19	4:00:27	29.0	29.2	30.0	75.7	100.0	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.5	116.1	124.3	121.4	90.1	89.0	114.7	323.6	588.5	345.6
7:32:19	4:01:27	29.0	29.2	30.0	75.7	100.0	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.4	116.4	124.2	121.3	90.0	89.0	114.7	323.6	588.5	345.6
7:33:19	4:02:27	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.3	116.5	124.2	121.3	89.9	89.0	114.7	323.6	588.5	345.6
7:34:19	4:03:27	29.0	29.2	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	120.8	132.1	124.2	121.2	89.8	89.0	114.7	323.6	588.5	345.6
7:35:19	4:04:27	29.0	29.2	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	123.8	139.8	124.0	121.2	89.8	89.0	114.7	323.6	588.5	345.6
7:36:19	4:05:27	29.0	29.2	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	119.2	123.9	129.4	121.1	89.7	89.0	114.7	323.6	588.5	345.7
7:37:19	4:06:28	29.0	29.2	30.0	75.7	100.0	118.3	118.9	118.6	117.4	119.0	118.9	118.5	116.6	116.2	129.1	121.1	89.7	88.9	114.7	323.6	588.5	345.7
7:38:20	4:07:28	29.0	29.2	30.0	75.7	100.0	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.5	115.7	128.9	121.0	89.6	88.9	114.7	323.6	588.5	345.6
7:39:20	4:08:28	29.0	29.2	30.0	75.7	100.0	118.1	118.7	118.4	117.3	118.8	118.8	118.4	116.5	116.2	128.9	121.0	89.6	89.0	114.7	323.6	588.5	345.6
7:40:20	4:09:28	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.4	116.5	128.8	121.0	89.5	89.0	114.7	323.6	588.5	345.6
7:41:20	4:10:28	29.0	29.2	30.0	75.7	100.0	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.3	116.6	128.9	120.9	89.5	88.9	114.6	323.6	588.5	345.6
7:42:20	4:11:28	29.0	29.1	30.0	75.7	100.0	117.9	118.3	118.2	117.1	118.5	118.6	118.2	118.3	125.0	128.8	120.8	89.5	88.9	114.6	323.6	588.5	345.6
7:43:20	4:12:28	29.0	29.2	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.8	124.0	128.8	120.8	89.5	88.9	114.6	323.6	588.5	345.7
7:44:20	4:13:28	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.5	119.8	128.6	120.8	89.5	88.9	114.6	323.6	588.5	345.6
7:45:20	4:14:28	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	117.1	118.4	128.7	120.7	89.4	88.9	114.6	323.6	588.5	345.6
7:46:20	4:15:29	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.5	118.6	118.2	116.7	117.7	128.6	120.7	89.4	88.9	114.6	323.6	588.5	345.7
7:47:20	4:16:29	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	120.5	131.1	128.4	120.6	89.4	88.9	114.6	323.6	588.5	345.7
7:48:21	4:17:29	29.0	29.2	30.0	75.7	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.3	123.8	139.9	128.5	120.6	89.4	88.9	114.7	323.6	588.5	345.6
7:49:21	4:18:29	29.0	29.2	30.0	75.7	100.0	118.4	119.1	118.7	117.5	119.1	119.0	118.5	120.0	126.1	128.3	120.6	89.4	88.9	114.7	323.6	588.5	345.6
7:50:21	4:19:29	29.0	29.2	30.0	75.7	100.0	118.4	119.1	118.7	117.5	119.1	119.0	118.6	116.9	116.6	128.2	120.5	89.4	88.9	114.6	323.6	588.5	345.6
7:51:21	4:20:29	29.0	29.2	30.0	76.1	100.0	118.2	118.8	118.5	117.4	118.9	118.9	118.5	116.6	115.7	128.1	120.5	89.3	88.9	114.6	323.6	588.5	345.7
7:52:21	4:21:29	29.0	29.1	30.0	75.7	100.0	118.2	118.8	118.5	117.4	118.8	118.8	118.4	116.6	116.2	128.1	120.4	89.3	88.9	114.6	323.6	588.5	345.6
7:53:21	4:22:29	29.0	29.1	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.4	116.6	116.5	128.1	120.4	89.3	88.9	114.6	323.6	588.5	345.6
7:54:21	4:23:29	29.0	29.1	30.0	75.6	100.0	118.0	118.6	118.4	117.2	118.6	118.7	118.3	116.4	116.6	128.0	120.3	89.3	88.9	114.5	323.6	588.5	345.6
7:55:21	4:24:29	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.3	116.6	127.9	120.2	89.2	88.9	114.5	323.6	588.5	346.0
7:56:21	4:25:30	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.2	118.4	126.0	127.8	120.2	89.2	89.0	114.5	323.6	588.5	345.6
7:57:21	4:26:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.2	125.4	127.7	120.2	89.2	88.9	114.5	323.6	588.5	345.7
7:58:22	4:27:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.8	120.5	127.6	120.1	89.2	88.9	114.5	323.6	588.5	345.6
7:59:22	4:28:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.2	118.7	127.5	120.1	89.2	88.9	114.4	323.6	588.5	345.6
8:00:22	4:29:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	116.9	117.9	127.5	120.0	89.2	89.0	114.5	323.6	588.5	345.6
8:01:22	4:30:30	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.8	117.6	127.5	120.1	89.3	88.9	114.4	323.6	588.5	345.7
8:02:22	4:31:30	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	120.0	128.4	127.4	120.0	89.2	89.0	114.5	323.6	588.5	345.7
8:03:22	4:32:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.2	121.8	127.4	119.8	89.2	89.0	114.4	323.6	588.5	345.6
8:04:22	4:33:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	117.5	119.3	127.4	119.8	89.2	88.9	114.4	323.6	588.5	345.7
8:05:22	4:34:30	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.1	118.2	127.3	119.8	89.2	88.9	114.4	323.6	588.5	345.6
8:06:22	4:35:31	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.8	117.7	127.3	119.8	89.2	89.0	114.4	323.6	588.5	345.6
8:07:23	4:36:31	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.3	117.1	118.5	118.5	118.1	120.0	128.0	127.3	119.8	89.2	88.9	114.4	323.6	588.5	345.6
8:08:23	4:37:31	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	118.2	121.7	127.1	119.7	89.2	88.9	114.4	323.6	588.5	345.6
8:09:23	4:38:31	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.4	119.2	127.0	119.6	89.1	88.9	114.4	323.6	588.5	345.6
8:10:23	4:39:31	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.1	118.2	127.0	119.6	89.2	88.9	114.4	323.6	588.5	345.6
8:11:23	4:40:31	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.8	117.7	127.0	119.5	89.2	89.0	114.4	323.6	588.5	345.6
8:12:23	4:41:31	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	119.8	128.6	127.0	119.5	89.2	89.0	114.4	323.6	588.5	345.7
8:13:23	4:42:31	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.3	122.4	126.9	119.5	89.2	89.0	114.4	323.6	588.5	345.7
8:14:23	4:43:31	29.0	29.1	30.0	75.7	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	117.5	119.5	126.9	119.3	89.1	89.0	114.4	323.6	588.5	345.7
8:15:23	4:44:32	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	117.1	118.4	126.8	119.3	89.2	89.0	114.4	323.6	588.5	345.6
8:16:24	4:45:32	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	116.9	117.8	126.8	119.3	89.2	89.0	114.4	323.6	588.5	345.6
8:17:24	4:46:32	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.5	118.6	118.1	116.7	117.5	126.7	119.3	89.2	88.9	114.3	323.6	588.5	345.6
8:18:24	4:47:32	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.5	118.1	119.8	127.5	126.7	119.2	89.1	88.9	114.3	323.6	588.5	345.6
8:19:24	4:48:32	29.0	29.1	30.0	75.7	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.1	121.4	126.5	119.2	89.1	88.9	114.3	323.6	588.5	345.6
8:20:24	4:49:32	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.4	119.1	126.7	119.2	89.2	88.9	114.4	323.6	588.5	345.7
8:21:24	4:50:32	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.1	117.0	118.2	126.5	119.1	89.1	88.8	114.2	323.6	588.5	345.7
8:22:24	4:51:32	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.5	118.5	118.1	116.7	117.6	126.3	122.3	89.1	88.9	115.2	323.6	588.5	345.6
8:23:24	4:52:32	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.1	120.0	128.7	126.3	122.4	89.1	88.8	114.6	323.6	588.5	344.1
8:24:24	4:53:33	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.1	118.3	122.1	126.2	122.4	89.1	88.8	114.6	323.6	588.5	344.1
8:25:24	4:54:33	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.1	117.5	119.4	126.2	122.4	89.1	88.8	114.7	323.6	588.5	344.2
8:26:25	4:55:33	29.0	29.1	30.0	76.1	100.0	117.9	118.6	118.3	117.0	118.6	118.7	118.2	117.1	118.3	126.1	122.3	89.0	88.8	114.7	323.6	588.5	344.1
8:27:25	4:56:33	29.0	29.1	30.0	75.7	100.0	117.8	118.3	118.3	116.9	118.6	118.6	118.1	118.1	123.8	126.2	122.3	89.0	88.8	114.7	323.6	588.5	344.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000278

8:28:25	4:57:33	29.0	29.1	30.0	75.7	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	121.3	131.1	126.2	122.2	89.1	88.8	114.7	323.6	588.5	344.1
8:29:25	4:58:33	29.0	29.1	30.0	75.7	100.0	118.1	118.8	118.5	117.2	118.8	118.8	118.3	118.2	121.0	126.2	122.1	89.0	88.8	114.7	323.6	588.5	344.1
8:30:25	4:59:33	29.0	29.1	30.0	76.1	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.3	115.9	126.0	122.1	89.0	88.7	114.7	323.6	588.5	344.1
8:31:25	5:00:33	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.2	115.8	126.0	122.1	89.0	88.8	114.7	323.6	588.5	344.1
8:32:25	5:01:33	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	116.2	116.1	125.8	122.0	89.0	88.7	114.7	323.6	588.5	344.2
8:33:25	5:02:34	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	121.1	133.0	125.8	122.0	89.0	88.8	114.7	323.6	588.5	344.1
8:34:26	5:03:34	29.0	29.1	30.0	75.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.3	123.7	138.6	125.9	121.9	89.0	88.7	114.7	323.6	588.5	344.1
8:35:26	5:04:34	29.0	29.1	30.0	76.1	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	118.6	122.1	125.7	121.9	89.0	88.7	114.7	323.6	588.5	344.1
8:36:26	5:05:34	29.0	29.1	30.0	75.7	100.0	118.3	118.8	118.7	117.4	119.0	118.9	118.5	116.6	116.1	125.7	121.9	89.1	88.7	114.7	323.6	588.5	344.1
8:37:26	5:06:34	29.0	29.1	30.0	76.1	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	116.5	115.8	125.7	121.8	89.0	88.7	114.7	323.6	588.5	344.1
8:38:26	5:07:34	29.0	29.1	30.0	75.7	100.0	118.1	118.7	118.5	117.2	118.8	118.8	118.3	116.5	116.3	125.6	121.8	89.0	88.7	114.7	323.6	588.5	344.1
8:39:26	5:08:34	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.4	116.5	125.5	121.7	89.0	88.7	114.7	323.6	588.5	344.1
8:40:26	5:09:34	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	116.3	116.5	125.5	121.7	89.0	88.7	114.7	323.6	588.5	344.1
8:41:26	5:10:35	29.0	29.1	30.0	76.1	100.0	117.9	118.3	118.3	117.0	118.6	118.7	118.3	119.0	127.3	125.4	121.6	89.0	88.7	114.7	323.6	588.5	344.2
8:42:26	5:11:35	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.7	123.7	125.5	121.5	89.0	88.7	114.6	323.6	588.5	344.2
8:43:26	5:12:35	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.5	119.8	125.4	121.5	89.0	88.7	114.6	323.6	588.5	344.1
8:44:27	5:13:35	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.1	118.4	125.4	121.5	89.0	88.7	114.6	323.6	588.5	344.1
8:45:27	5:14:35	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	116.8	117.7	125.3	121.5	89.0	88.7	114.7	323.6	588.5	344.2
8:46:27	5:15:35	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	118.8	126.4	125.1	121.4	89.0	88.7	114.6	323.6	588.5	342.6
8:47:27	5:16:35	29.0	29.1	30.0	75.7	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.3	118.9	124.0	125.1	121.4	89.0	88.7	114.7	323.6	588.5	342.6
8:48:27	5:17:35	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.7	117.1	125.1	121.3	89.0	88.7	114.6	323.6	588.5	342.6
8:49:27	5:18:35	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	114.6	112.3	125.0	121.2	89.0	88.7	114.6	323.6	588.5	342.6
8:50:27	5:19:36	29.0	29.1	30.0	75.7	100.0	117.9	118.3	118.3	117.0	118.6	118.6	118.2	119.8	128.7	125.0	121.2	88.9	88.7	114.6	323.6	588.5	342.6
8:51:27	5:20:36	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	117.7	121.2	125.0	121.2	88.9	88.7	114.6	323.6	588.5	342.6
8:52:28	5:21:36	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.0	118.5	118.5	118.2	118.2	124.7	124.9	121.1	88.9	88.6	114.6	323.6	588.5	342.6
8:53:28	5:22:36	29.0	29.1	30.0	76.1	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	122.7	137.2	124.9	121.1	88.9	88.6	114.6	323.6	588.5	342.5
8:54:28	5:23:36	29.0	29.1	30.0	76.1	100.0	118.2	118.8	118.6	117.3	119.0	119.0	118.5	119.8	126.0	124.9	121.0	89.0	88.7	114.6	323.6	588.5	342.6
8:55:28	5:24:36	29.0	29.1	30.0	75.7	100.0	118.3	118.8	118.6	117.4	118.9	118.9	118.5	116.6	116.5	124.9	121.0	88.9	88.6	114.6	323.6	588.5	342.6
8:56:28	5:25:36	29.0	29.1	30.0	76.1	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.4	115.6	124.8	120.9	88.9	88.7	114.6	323.6	588.5	342.6
8:57:28	5:26:36	29.0	29.1	30.0	76.1	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.4	116.4	116.0	124.6	120.9	89.0	88.6	114.6	323.6	588.5	342.6
8:58:28	5:27:36	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	116.3	116.3	124.7	120.8	88.9	88.6	114.6	323.6	588.5	342.6
8:59:28	5:28:37	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.3	116.2	116.4	124.6	120.8	88.9	88.6	114.5	323.6	588.5	342.6
9:00:28	5:29:37	29.0	29.1	30.0	75.7	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	120.3	130.6	124.5	120.7	88.9	88.6	114.5	323.6	588.5	342.6
9:01:29	5:30:37	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.8	118.7	118.4	118.9	124.0	124.5	120.7	88.9	88.7	114.6	323.6	588.5	342.6
9:02:29	5:31:37	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.7	120.0	124.4	120.7	88.9	88.7	114.6	323.6	588.5	342.6
9:03:29	5:32:37	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	117.2	118.5	124.4	120.6	88.9	88.6	114.5	323.6	588.5	342.7
9:04:29	5:33:37	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.0	117.9	124.4	120.7	89.0	88.7	114.5	323.6	588.5	342.6
9:05:29	5:34:37	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.6	118.6	118.2	116.7	117.5	124.2	120.6	88.9	88.6	114.4	323.6	588.5	342.6
9:06:29	5:35:37	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.5	117.2	124.3	120.5	88.9	88.7	114.5	323.6	588.5	342.6
9:07:29	5:36:37	29.0	29.1	30.0	76.1	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.1	119.9	129.7	124.3	120.4	88.9	88.7	114.5	323.6	588.5	342.6
9:08:29	5:37:38	29.0	29.1	30.0	75.7	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.7	123.5	124.2	120.4	88.9	88.6	114.4	323.6	588.5	342.6
9:09:29	5:38:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.6	119.8	124.1	120.4	88.9	88.6	114.4	323.6	588.5	342.6
9:10:29	5:39:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.2	118.5	124.1	120.4	88.9	88.6	114.4	323.6	588.5	342.7
9:11:30	5:40:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	116.9	117.8	124.1	120.3	88.9	88.6	114.4	323.6	588.5	342.6
9:12:30	5:41:38	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.6	117.4	126.5	120.2	88.9	88.6	114.4	323.6	588.5	342.6
9:13:30	5:42:38	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.1	119.9	129.1	129.1	120.2	88.9	88.6	114.4	323.6	588.5	342.6
9:14:30	5:43:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.2	118.3	122.6	129.0	120.2	88.9	88.6	114.4	323.6	588.5	341.1
9:15:30	5:44:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.4	119.5	128.8	120.1	88.8	88.6	114.4	323.6	588.5	341.2
9:16:30	5:45:38	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	117.1	118.4	129.0	120.1	88.9	88.6	114.4	323.6	588.5	341.1
9:17:30	5:46:38	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.1	116.8	117.8	128.8	120.1	88.9	88.6	114.3	323.6	588.5	341.1
9:18:30	5:47:39	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	119.0	127.1	129.0	120.1	88.9	88.6	114.4	323.6	588.5	341.1
9:19:31	5:48:39	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	120.0	127.6	128.8	119.8	88.8	88.6	114.3	323.6	588.5	341.1
9:20:31	5:49:39	29.0	29.1	30.0	76.1	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	117.3	118.8	128.8	119.8	88.8	88.6	114.3	323.6	588.5	341.1
9:21:31	5:50:39	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.8	118.7	118.3	116.1	115.7	128.8	119.8	88.8	88.6	114.3	323.6	588.5	341.1
9:22:31	5:51:39	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.1	115.9	128.7	119.8	88.8	88.6	114.3	323.6	588.5	341.1
9:23:31	5:52:39	29.0	29.1	30.0	76.1	100.0	117.9	118.3	118.3	117.0	118.5	118.6	118.1	119.3	127.9	128.7	119.8	88.8	88.6	114.3	323.6	588.5	341.1
9:24:31	5:53:39	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	118.3	122.8	128.7	119.7	88.8	88.6	114.3	323.6	588.5	341.1
9:25:31	5:54:39	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.4	119.4	128.6	119.7	88.8	88.6	114.3	323.6	588.5	341.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000279

9:26:31	5:55:39	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.3	116.9	118.1	128.6	119.6	88.8	88.6	114.3	323.6	588.5	341.2
9:27:31	5:56:40	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	116.7	117.5	128.5	119.6	88.8	88.5	114.2	323.6	588.5	341.1
9:28:31	5:57:40	29.0	29.1	30.0	76.5	100.0	117.9	118.3	118.3	117.0	118.5	118.6	118.1	117.2	121.7	128.5	119.5	88.8	88.5	114.2	323.6	588.5	341.1
9:29:32	5:58:40	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.2	117.0	118.6	118.7	118.2	119.2	125.3	128.4	119.5	88.7	88.5	114.2	323.6	588.5	341.1
9:30:32	5:59:40	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	118.3	124.5	128.4	119.5	88.8	88.5	114.2	323.6	588.5	341.1
9:31:32	6:00:40	29.0	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	123.0	137.4	128.4	119.3	88.7	88.5	114.2	323.6	588.5	341.1
9:32:32	6:01:40	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.6	117.3	119.0	118.9	118.4	118.9	123.2	128.4	119.3	88.8	88.5	114.3	323.6	588.5	341.1
9:33:32	6:02:40	29.0	29.1	30.0	76.1	100.0	118.2	118.8	118.6	117.3	118.9	118.9	118.4	116.6	116.2	128.2	119.3	88.7	88.5	114.2	323.6	588.5	341.1
9:34:32	6:03:40	29.0	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.2	118.8	118.8	118.3	116.4	115.8	128.2	119.3	88.7	88.5	114.1	323.6	588.5	341.1
9:35:32	6:04:40	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.5	116.2	128.2	119.3	88.8	88.5	114.1	323.6	588.5	341.1
9:36:32	6:05:41	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.3	116.3	116.3	128.1	119.1	88.7	88.4	114.1	323.6	588.5	341.2
9:37:33	6:06:41	29.0	29.1	30.0	76.1	100.0	117.9	118.3	118.3	117.1	118.6	118.7	118.3	116.3	118.3	128.1	119.2	88.7	88.4	114.1	323.6	588.5	341.1
9:38:33	6:07:41	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.2	119.3	126.2	128.0	119.1	88.7	88.4	114.0	323.6	588.5	341.2
9:39:33	6:08:41	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.6	120.5	127.9	121.8	88.7	88.5	115.8	323.6	588.5	341.1
9:40:33	6:09:41	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.1	118.6	127.9	122.4	88.7	88.5	114.5	323.6	588.5	341.1
9:41:33	6:10:41	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	116.8	117.8	127.8	122.4	88.7	88.4	114.4	323.6	588.5	341.1
9:42:33	6:11:41	29.0	29.1	30.0	76.1	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.1	116.7	119.8	127.7	122.3	88.7	88.4	114.4	323.6	588.5	341.1
9:43:33	6:12:41	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.3	126.1	127.7	122.2	88.7	88.4	114.4	323.6	588.5	341.1
9:44:33	6:13:42	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	117.8	120.7	127.7	122.2	88.7	88.4	114.4	323.6	588.5	341.1
9:45:33	6:14:42	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	117.2	118.8	127.5	122.2	88.7	88.3	114.4	323.6	588.5	341.1
9:46:34	6:15:42	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	116.9	117.9	127.5	122.1	88.7	88.3	114.4	323.6	588.5	341.1
9:47:34	6:16:42	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	119.8	128.9	127.5	122.0	88.7	88.3	114.4	323.6	588.5	341.2
9:48:34	6:17:42	29.0	29.1	30.0	76.6	100.0	118.1	118.8	118.4	117.2	118.8	118.8	118.3	123.4	138.9	127.5	122.0	88.7	88.3	114.5	323.6	588.5	341.1
9:49:34	6:18:42	29.0	29.1	30.0	76.6	100.0	118.3	118.9	118.6	117.3	119.1	119.0	118.5	119.8	125.6	127.5	122.0	88.7	88.3	114.5	323.6	588.5	341.1
9:50:34	6:19:42	29.0	29.1	30.0	76.6	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	116.7	116.4	127.4	121.9	88.7	88.3	114.5	323.6	588.5	341.1
9:51:34	6:20:42	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.5	117.3	119.0	118.9	118.5	116.4	115.6	127.4	121.8	88.5	88.3	114.5	323.6	588.5	341.1
9:52:34	6:21:42	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.5	116.1	127.2	121.9	88.7	88.3	114.4	323.6	588.5	341.1
9:53:34	6:22:43	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.8	118.8	118.3	116.4	116.4	127.3	121.8	88.7	88.3	114.5	323.6	588.5	341.1
9:54:34	6:23:43	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.3	116.5	127.3	121.7	88.7	88.2	114.4	323.6	588.5	341.1
9:55:35	6:24:43	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.1	116.5	127.1	121.7	88.7	88.2	114.4	323.6	588.5	339.6
9:56:35	6:25:43	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	120.0	128.8	127.0	121.7	88.7	88.2	114.4	323.6	588.5	341.1
9:57:35	6:26:43	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.0	121.7	126.9	121.6	88.7	88.2	114.4	323.6	588.5	341.1
9:58:35	6:27:43	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	117.2	119.0	127.0	121.5	88.5	88.2	114.4	323.6	588.5	339.6
9:59:35	6:28:43	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.8	117.9	127.0	121.5	88.5	88.2	114.4	323.6	588.5	339.7
10:00:35	6:29:43	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.5	118.6	118.2	116.6	117.8	126.9	121.4	88.5	88.1	114.3	323.6	588.5	339.6
10:01:35	6:30:43	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	121.2	132.4	126.8	121.4	88.5	88.1	114.4	323.6	588.5	339.6
10:02:35	6:31:44	29.0	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	118.9	123.8	126.7	121.3	88.5	88.1	114.4	323.6	588.5	339.6
10:03:35	6:32:44	29.0	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.2	118.8	118.7	118.3	116.8	117.2	126.7	121.3	88.5	88.1	114.3	323.6	588.5	339.6
10:04:36	6:33:44	29.0	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.7	118.7	118.3	115.9	115.2	126.8	121.2	88.4	88.1	114.4	323.6	588.5	339.6
10:05:36	6:34:44	29.0	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.9	115.5	126.8	121.1	88.4	88.1	114.3	323.6	588.5	339.6
10:06:36	6:35:44	28.9	29.1	30.0	76.1	100.0	117.8	118.3	118.2	117.0	118.6	118.6	118.2	119.8	129.7	126.7	121.1	88.4	88.1	114.3	323.6	588.5	339.6
10:07:36	6:36:44	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.2	118.3	122.8	126.5	121.1	88.4	88.0	114.3	323.6	588.5	339.6
10:08:36	6:37:44	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.3	119.4	126.6	121.1	88.4	88.0	114.3	323.6	588.5	339.6
10:09:36	6:38:44	29.0	29.1	30.0	76.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	120.8	131.9	126.4	121.0	88.4	88.1	114.3	323.6	588.5	339.7
10:10:36	6:39:44	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.5	117.3	119.0	118.9	118.4	122.0	132.7	126.4	121.0	88.4	88.1	114.3	323.6	588.5	339.6
10:11:36	6:40:45	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.6	117.3	119.1	119.0	118.5	117.4	118.7	126.4	120.9	88.4	88.0	114.3	323.6	588.5	339.6
10:12:36	6:41:45	29.0	29.1	30.0	76.6	100.0	118.2	118.8	118.5	117.3	118.9	118.9	118.5	116.4	115.7	126.3	120.9	88.4	88.0	114.2	323.6	588.5	339.6
10:13:37	6:42:45	29.0	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	116.3	115.8	126.2	120.8	88.4	88.0	114.2	323.6	588.5	339.6
10:14:37	6:43:45	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.3	116.2	126.2	120.8	88.4	88.0	114.2	323.6	588.5	339.6
10:15:37	6:44:45	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.7	118.7	118.3	116.1	116.3	126.2	120.7	88.3	88.0	114.2	323.6	588.5	339.6
10:16:37	6:45:45	28.9	29.1	30.0	76.6	100.0	117.8	118.3	118.2	117.0	118.6	118.6	118.2	116.8	120.9	126.2	120.7	88.3	88.0	114.2	323.6	588.5	339.6
10:17:37	6:46:45	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.2	125.7	126.1	120.6	88.3	87.9	114.1	323.6	588.5	339.6
10:18:37	6:47:45	29.0	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	117.6	120.3	126.1	120.6	88.3	87.9	114.1	323.6	588.5	339.6
10:19:37	6:48:45	28.9	29.1	30.0	76.1	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.3	117.0	118.4	126.1	120.5	88.2	87.9	114.1	323.6	588.5	339.6
10:20:37	6:49:46	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	121.1	133.2	126.0	120.5	88.3	87.8	114.1	323.6	588.5	339.6
10:21:37	6:50:46	29.0	29.1	30.0	76.6	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	122.5	134.2	126.1	120.4	88.3	87.9	114.1	323.6	588.5	339.6
10:22:38	6:51:46	29.0	29.1	30.0	76.6	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	117.7	119.4	125.9	120.4	88.3	87.9	114.2	323.6	588.5	339.6
10:23:38	6:52:46	28.9	29.1	30.0	76.6	100.0	118.2	118.8	118.6	117.3	118.9	118.9	118.5	116.4	115.7	125.8	120.4	88.2	87.8	114.1	323.6	588.5	338.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000280

10:24:38	6:53:46	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	116.4	115.8	125.7	120.3	88.2	87.8	114.1	323.6	588.5	338.1
10:25:38	6:54:46	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.3	116.1	125.7	120.2	88.1	87.8	114.0	323.6	588.5	339.6
10:26:38	6:55:46	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.6	118.7	118.3	116.3	116.3	125.6	120.2	88.2	87.8	114.0	323.6	588.5	338.1
10:27:38	6:56:46	28.9	29.1	30.0	76.6	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.2	116.0	117.2	125.6	120.1	88.2	87.7	114.0	323.6	588.5	338.2
10:28:38	6:57:46	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.6	127.4	125.7	120.1	88.1	87.8	114.0	323.6	588.5	338.1
10:29:38	6:58:46	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.7	120.9	125.5	120.0	88.1	87.7	114.0	323.6	588.5	338.1
10:30:38	6:59:47	28.9	29.1	30.0	76.5	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.3	117.1	118.6	125.5	120.0	88.1	87.8	114.0	323.6	588.5	338.1
10:31:38	7:00:47	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.5	118.6	118.2	116.7	117.7	125.3	119.8	88.1	87.7	114.0	323.6	588.5	338.5
10:32:39	7:01:47	28.9	29.1	30.0	76.6	100.0	117.9	118.3	118.3	117.0	118.6	118.6	118.2	116.5	117.3	125.4	119.8	88.1	87.7	113.9	323.6	588.5	338.1
10:33:39	7:02:47	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	120.1	128.8	125.4	119.8	88.1	87.7	113.9	323.6	588.5	338.1
10:34:39	7:03:47	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.2	121.9	125.3	119.8	88.2	87.6	113.9	323.6	588.5	338.1
10:35:39	7:04:47	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.6	118.7	118.2	117.3	119.1	125.1	119.8	88.1	87.6	113.8	323.6	588.5	338.1
10:36:39	7:05:47	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.3	116.9	118.1	125.1	119.7	88.0	87.6	113.8	323.6	588.5	338.1
10:37:39	7:06:47	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.5	118.6	118.2	116.8	119.5	125.0	119.6	88.0	87.4	113.8	323.6	588.5	338.1
10:38:39	7:07:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	119.8	127.3	125.0	119.6	88.0	87.6	113.8	323.6	588.5	338.1
10:39:39	7:08:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.8	118.7	118.3	118.0	121.2	125.0	119.5	87.9	87.4	113.8	323.6	588.5	338.1
10:40:40	7:09:48	28.9	29.1	30.0	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	117.4	119.0	125.0	119.5	88.0	87.4	113.8	323.6	588.5	338.1
10:41:40	7:10:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.0	118.1	124.9	119.5	88.0	87.4	113.8	323.6	588.5	338.1
10:42:40	7:11:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	116.8	117.6	124.9	119.3	87.9	87.4	113.7	323.6	588.5	338.1
10:43:40	7:12:48	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.5	118.6	118.1	116.5	117.2	124.9	119.3	87.9	87.3	113.7	323.6	588.5	338.1
10:44:40	7:13:48	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.2	119.9	129.1	124.7	119.3	87.9	87.3	113.7	323.6	588.5	338.1
10:45:40	7:14:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	118.2	122.3	124.6	119.3	87.9	87.3	113.6	323.6	588.5	338.1
10:46:40	7:15:48	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.2	117.3	119.2	124.7	119.2	87.8	87.3	113.7	323.6	588.5	338.1
10:47:40	7:16:49	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.7	118.7	118.3	116.9	119.1	124.6	119.2	87.8	87.3	113.7	323.6	588.5	338.1
10:48:40	7:17:49	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.4	126.1	124.6	119.1	87.8	87.3	113.7	323.6	588.5	338.1
10:49:41	7:18:49	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	117.8	120.9	124.5	119.1	87.8	87.3	113.6	323.6	588.5	338.1
10:50:41	7:19:49	28.9	29.1	30.0	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	117.3	118.8	124.5	122.3	87.8	87.3	114.3	323.6	588.5	338.1
10:51:41	7:20:49	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.0	118.0	124.5	122.4	87.8	87.2	114.0	323.6	588.5	338.0
10:52:41	7:21:49	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	116.7	117.5	124.4	122.3	87.8	87.2	113.9	323.6	588.5	338.1
10:53:41	7:22:49	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	117.2	121.4	124.4	122.3	87.8	87.2	113.9	323.6	588.5	336.6
10:54:41	7:23:49	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	119.2	125.4	124.3	122.3	87.8	87.0	113.9	323.6	588.5	338.1
10:55:41	7:24:49	28.9	29.1	30.0	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	117.7	120.4	124.3	122.2	87.8	87.0	113.9	323.6	588.5	336.6
10:56:41	7:25:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.0	118.5	124.3	122.1	87.8	87.0	113.9	323.6	588.5	336.6
10:57:41	7:26:50	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	116.8	117.8	124.2	122.1	87.8	87.0	113.9	323.6	588.5	336.6
10:58:41	7:27:50	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.5	118.6	118.1	116.5	117.5	124.1	122.0	87.8	86.9	113.8	323.6	588.5	336.6
10:59:42	7:28:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.2	119.8	127.6	124.2	122.0	87.8	86.9	113.9	323.6	588.5	336.6
11:00:42	7:29:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	117.8	121.3	124.1	121.9	87.6	86.9	113.9	323.6	588.5	336.6
11:01:42	7:30:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.2	118.9	128.3	121.9	87.6	86.9	113.9	323.6	588.5	336.6
11:02:42	7:31:50	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	116.9	117.9	129.1	121.8	87.6	86.8	113.8	323.6	588.5	336.4
11:03:42	7:32:50	28.9	29.1	30.0	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.7	118.2	119.8	128.8	128.8	121.8	87.6	86.9	113.8	323.6	588.5	336.6
11:04:42	7:33:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.2	118.4	122.9	128.8	121.7	87.6	86.8	113.8	323.6	588.5	336.6
11:05:42	7:34:50	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.8	118.7	118.3	117.5	119.6	128.9	121.7	87.6	86.8	113.8	323.6	588.5	336.6
11:06:42	7:35:51	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.1	118.3	128.7	121.6	87.6	86.7	113.8	323.6	588.5	336.6
11:07:42	7:36:51	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	116.8	117.7	128.8	121.6	87.6	86.7	113.8	323.6	588.5	336.6
11:08:43	7:37:51	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.2	118.7	126.3	128.8	121.5	87.6	86.7	113.8	323.6	588.5	336.6
11:09:43	7:38:51	28.9	29.1	30.0	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.3	122.9	137.9	128.7	121.5	87.6	86.7	113.8	323.6	588.5	336.6
11:10:43	7:39:51	28.9	29.1	30.0	76.6	100.0	118.4	119.1	118.7	117.4	119.1	119.0	118.5	121.2	129.9	128.7	121.4	87.6	86.7	113.9	323.6	588.5	336.6
11:11:43	7:40:51	28.9	29.1	30.0	76.6	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	117.1	117.6	128.7	121.3	87.4	86.6	113.8	323.6	588.5	336.6
11:12:43	7:41:51	28.9	29.1	30.0	76.6	100.0	118.3	118.8	118.6	117.4	119.0	119.0	118.5	116.5	115.7	128.6	121.3	87.4	86.6	113.8	323.6	588.5	336.6
11:13:43	7:42:51	28.9	29.1	30.0	76.7	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.4	115.9	128.4	121.2	87.3	86.5	113.7	323.6	588.5	336.6
11:14:43	7:43:51	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.3	116.3	128.3	121.2	87.3	86.5	113.7	323.6	588.5	336.6
11:15:43	7:44:52	28.9	29.1	30.0	76.6	100.0	118.1	118.6	118.5	117.2	118.7	118.7	118.3	116.2	116.3	128.5	121.1	87.3	86.6	113.7	323.6	588.5	336.6
11:16:43	7:45:52	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.0	116.3	128.4	121.1	87.3	86.5	113.7	323.6	588.5	336.6
11:17:44	7:46:52	28.9	29.1	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.3	120.3	131.1	128.4	121.0	87.2	86.5	113.7	323.6	588.5	336.6
11:18:44	7:47:52	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.2	118.9	118.8	118.3	123.3	138.6	128.3	121.0	87.2	86.4	113.7	323.6	588.5	336.7
11:19:44	7:48:52	28.9	29.1	30.0	76.6	100.0	118.3	118.9	118.7	117.4	119.0	118.9	118.5	118.4	122.4	128.3	121.0	87.2	86.4	113.7	323.6	588.5	336.6
11:20:44	7:49:52	28.9	29.1	30.0	76.6	100.0	118.2	118.8	118.5	117.3	118.9	118.9	118.4	116.3	116.0	128.3	120.9	87.2	86.3	113.7	323.6	588.5	336.6
11:21:44	7:50:52	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.2	115.6	128.2	120.9	87.2	86.3	113.6	323.6	588.5	336.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000281

11:22:44	7:51:52	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.1	115.9	128.2	120.8	87.1	86.2	113.5	323.6	588.5	336.6
11:23:44	7:52:52	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.7	118.3	116.0	116.0	128.0	120.7	87.1	86.2	113.5	323.6	588.5	336.6
11:24:44	7:53:52	28.9	29.0	30.0	76.6	100.0	117.8	118.3	118.2	117.0	118.6	118.6	118.2	117.8	124.4	128.1	120.7	87.1	86.2	113.5	323.6	588.5	336.4
11:25:44	7:54:53	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.6	118.7	118.2	118.9	125.3	128.1	120.6	87.1	86.2	113.4	323.6	588.5	336.6
11:26:44	7:55:53	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.5	120.1	128.0	120.6	87.1	86.2	113.5	323.6	588.5	336.6
11:27:45	7:56:53	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	116.9	118.2	127.9	120.5	87.1	86.1	113.4	323.6	588.5	336.6
11:28:45	7:57:53	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	116.7	119.4	127.9	120.5	87.1	86.1	113.4	323.6	588.5	336.6
11:29:45	7:58:53	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	121.8	135.1	127.8	120.4	86.9	86.0	113.4	323.6	588.5	336.6
11:30:45	7:59:53	28.9	29.1	30.0	76.6	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.4	122.9	135.6	127.8	120.4	86.9	86.0	113.4	323.6	588.5	336.6
11:31:45	8:00:53	28.9	29.1	30.0	76.6	100.0	118.4	119.1	118.7	117.5	119.1	119.0	118.6	117.8	120.0	127.8	120.3	86.9	86.0	113.4	323.6	588.5	336.6
11:32:45	8:01:53	28.9	29.1	30.0	76.6	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.5	116.4	115.8	127.6	120.3	86.9	86.0	113.4	323.6	588.5	336.6
11:33:45	8:02:53	28.9	29.1	30.0	76.6	100.0	118.2	118.8	118.6	117.3	118.9	118.8	118.4	116.4	115.8	127.7	120.2	86.8	85.9	113.3	323.6	588.5	336.6
11:34:45	8:03:53	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.5	117.3	118.7	118.8	118.4	116.3	116.2	127.5	120.2	86.9	85.9	113.3	323.6	588.5	336.6
11:35:45	8:04:54	28.9	29.1	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.1	116.2	127.5	120.1	86.7	85.9	113.2	323.6	588.5	336.6
11:36:46	8:05:54	28.9	29.0	30.0	76.6	100.0	118.0	118.5	118.3	117.2	118.6	118.6	118.2	116.0	116.2	127.4	120.1	86.7	85.8	113.2	323.6	588.5	336.6
11:37:46	8:06:54	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.3	120.3	131.1	127.4	120.0	86.7	85.8	113.2	323.6	588.5	336.5
11:38:46	8:07:54	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.3	119.3	126.0	127.2	119.8	86.7	85.7	113.2	323.6	588.5	336.6
11:39:46	8:08:54	28.9	29.0	30.0	76.6	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	117.3	118.8	127.3	119.8	86.7	85.7	113.2	323.6	588.5	336.6
11:40:46	8:09:54	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.0	115.6	127.2	119.8	86.7	85.7	113.1	323.6	588.5	335.3
11:41:46	8:10:54	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.8	115.5	127.2	119.8	86.5	85.7	113.1	323.6	588.5	335.1
11:42:46	8:11:54	28.9	29.0	30.0	76.6	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.2	119.4	129.0	127.1	119.8	86.5	85.6	113.1	323.6	588.5	335.1
11:43:46	8:12:54	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	118.4	123.7	127.1	119.7	86.5	85.6	113.1	323.6	588.5	335.1
11:44:46	8:13:55	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.3	119.5	127.1	119.6	86.5	85.5	113.0	323.6	588.5	335.1
11:45:47	8:14:55	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.2	116.8	118.0	127.0	119.6	86.5	85.5	113.0	323.6	588.5	335.1
11:46:47	8:15:55	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.5	117.2	126.9	119.6	86.4	85.4	112.9	323.6	588.5	335.1
11:47:47	8:16:55	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	119.9	128.9	126.9	119.5	86.4	85.3	112.9	323.6	588.5	335.1
11:48:47	8:17:55	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.0	121.7	126.7	119.3	86.3	85.3	112.9	323.6	588.5	335.1
11:49:47	8:18:55	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	118.9	126.7	119.3	86.3	85.2	112.8	323.6	588.5	335.1
11:50:47	8:19:55	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	119.3	128.3	126.7	119.3	86.3	85.2	112.9	323.6	588.5	335.1
11:51:47	8:20:55	28.9	29.1	30.0	76.6	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.3	123.1	137.7	126.8	119.3	86.2	85.2	112.9	323.6	588.5	334.7
11:52:47	8:21:55	28.9	29.1	30.0	77.0	100.0	118.2	118.8	118.6	117.3	119.0	118.9	118.5	118.3	121.8	126.7	119.2	86.2	85.1	112.8	323.6	588.5	335.1
11:53:47	8:22:56	28.9	29.0	30.0	76.6	100.0	118.2	118.8	118.5	117.4	118.9	118.8	118.4	116.3	115.9	126.7	119.2	86.2	85.0	112.8	323.6	588.5	335.1
11:54:48	8:23:56	28.9	29.0	30.0	76.6	100.0	118.1	118.7	118.5	117.2	118.8	118.8	118.4	116.2	115.6	126.6	119.2	86.2	85.0	112.8	323.6	588.5	335.1
11:55:48	8:24:56	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.1	115.9	126.6	119.1	86.2	84.9	112.7	323.6	588.5	335.1
11:56:48	8:25:56	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.0	116.0	126.5	119.1	86.0	84.9	112.7	323.6	588.5	335.1
11:57:48	8:26:56	28.9	29.0	30.0	76.6	100.0	117.8	118.3	118.2	117.0	118.5	118.5	118.2	119.0	127.8	126.3	122.4	86.0	84.8	113.2	323.6	588.5	335.1
11:58:48	8:27:56	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	118.3	123.0	126.3	122.4	86.0	84.8	112.9	323.6	588.5	335.1
11:59:48	8:28:56	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	117.1	119.1	126.3	122.3	85.9	84.7	112.9	323.6	588.5	335.1
12:00:48	8:29:56	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.0	127.3	126.2	122.3	85.9	84.7	112.9	323.6	588.5	335.1
12:01:48	8:30:57	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	123.0	138.2	126.3	122.2	85.8	84.6	112.9	323.6	588.5	335.1
12:02:48	8:31:57	28.9	29.1	30.0	77.0	100.0	118.3	118.9	118.6	117.4	119.1	119.0	118.6	120.3	127.7	126.2	122.2	85.8	84.5	112.9	323.6	588.5	335.1
12:03:49	8:32:57	28.9	29.1	30.0	76.6	100.0	118.3	118.9	118.6	117.4	119.1	119.0	118.6	116.7	116.9	126.1	122.1	85.8	84.5	112.9	323.6	588.5	335.1
12:04:49	8:33:57	28.9	29.0	30.0	77.1	100.0	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.6	126.1	122.0	85.7	84.4	112.9	323.6	588.5	335.1
12:05:49	8:34:57	28.9	29.0	30.0	76.6	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	116.3	115.8	125.9	122.0	85.8	84.3	112.8	323.6	588.5	335.1
12:06:49	8:35:57	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.1	116.0	125.9	121.9	85.7	84.3	112.8	323.6	588.5	335.1
12:07:49	8:36:57	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.0	116.0	125.8	121.8	85.7	84.2	112.8	323.6	588.5	335.1
12:08:49	8:37:57	28.9	29.0	30.0	76.6	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	119.3	128.6	125.7	121.7	85.6	84.2	112.8	323.6	588.5	335.1
12:09:49	8:38:57	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.2	122.7	125.6	121.7	85.4	84.0	112.7	323.6	588.5	335.1
12:10:49	8:39:57	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.0	119.0	125.6	121.7	85.4	84.0	112.7	323.6	588.5	333.5
12:11:49	8:40:58	28.9	29.0	30.0	76.6	100.0	117.9	118.3	118.3	117.1	118.6	118.6	118.2	116.5	117.6	125.5	121.6	85.3	83.9	112.6	323.6	588.5	335.1
12:12:50	8:41:58	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.6	118.6	118.3	121.2	133.7	125.5	121.5	85.3	83.9	112.7	323.6	588.5	335.1
12:13:50	8:42:58	28.9	29.0	30.0	77.0	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	123.9	139.4	125.3	121.5	85.3	83.7	112.6	323.6	588.5	333.6
12:14:50	8:43:58	28.9	29.0	30.0	77.0	100.0	118.4	118.9	118.7	117.5	119.1	118.9	118.6	118.6	122.4	125.3	121.4	85.1	83.7	112.7	323.6	588.5	335.1
12:15:50	8:44:58	28.9	29.0	30.0	77.0	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.5	116.4	116.0	125.2	121.4	85.1	83.6	112.5	323.6	588.4	335.1
12:16:50	8:45:58	28.9	29.0	30.0	77.0	100.0	118.2	118.8	118.6	117.4	118.9	118.8	118.5	116.3	115.6	125.2	121.4	85.1	83.5	112.5	323.6	588.5	335.1
12:17:50	8:46:58	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.4	116.2	115.9	125.1	121.3	85.1	83.5	112.5	323.6	588.5	333.6
12:18:50	8:47:58	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.0	115.9	125.1	121.2	85.1	83.5	112.5	323.6	588.5	335.1
12:19:50	8:48:58	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	115.9	116.0	125.2	121.2	85.1	83.5	112.4	323.6	588.5	333.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000282

12:20:50	8:49:58	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	129.3	125.1	121.0	84.8	83.4	112.4	323.6	588.5	333.5
12:21:50	8:50:59	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.8	121.8	125.0	121.0	84.8	83.4	112.4	323.6	588.5	333.6
12:22:51	8:51:59	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.8	118.6	125.0	120.9	84.8	83.3	112.3	323.6	588.5	333.6
12:23:51	8:52:59	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.5	118.2	118.3	125.3	125.0	120.9	84.8	83.3	112.3	323.6	588.5	333.6
12:24:51	8:53:59	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.5	137.3	124.8	120.8	84.8	83.2	112.2	323.6	588.5	333.6
12:25:51	8:54:59	28.9	29.0	30.0	77.0	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	121.2	130.4	124.8	120.8	84.7	83.3	112.3	323.6	588.5	333.6
12:26:51	8:55:59	28.9	29.0	30.0	77.0	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.6	117.0	117.6	124.9	120.7	84.7	83.3	112.3	323.6	588.5	333.6
12:27:51	8:56:59	28.9	29.0	30.0	77.0	100.0	118.3	118.8	118.6	117.4	118.9	118.9	118.5	116.3	115.6	124.7	120.7	84.7	83.3	112.2	323.6	588.5	333.6
12:28:51	8:57:59	28.9	29.0	30.0	77.1	100.0	118.1	118.7	118.5	117.3	118.8	118.8	118.5	116.2	115.7	124.7	120.6	84.7	83.2	112.1	323.6	588.5	333.6
12:29:51	8:58:59	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.1	115.9	124.6	120.6	84.6	83.2	112.1	323.6	588.5	333.7
12:30:51	9:00:00	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.4	117.2	118.6	118.7	118.3	115.9	115.9	124.5	120.5	84.6	83.2	112.1	323.6	588.5	333.6
12:31:51	9:01:00	28.9	29.0	30.0	77.1	100.0	117.9	118.3	118.3	117.1	118.5	118.6	118.2	116.2	119.4	124.5	120.5	84.6	83.1	112.0	323.6	588.5	333.6
12:32:52	9:02:00	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.7	118.7	118.3	121.0	132.6	124.5	120.4	84.4	83.2	112.1	323.6	588.5	333.7
12:33:52	9:03:00	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	118.4	123.3	124.5	120.4	84.4	83.1	112.0	323.6	588.5	333.6
12:34:52	9:04:00	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	117.4	119.5	124.5	120.3	84.4	83.1	112.0	323.6	588.5	333.6
12:35:52	9:05:00	28.9	29.0	30.0	76.6	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.4	116.9	118.0	124.5	120.3	84.4	83.1	112.0	323.6	588.5	333.6
12:36:52	9:06:00	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.5	117.3	124.4	120.2	84.4	83.1	111.9	323.6	588.4	333.6
12:37:52	9:07:00	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.5	118.2	116.2	116.8	124.4	120.2	84.3	83.1	111.9	323.6	588.5	333.6
12:38:52	9:08:00	28.9	29.0	30.0	77.1	100.0	117.8	118.3	118.2	117.0	118.5	118.5	118.2	119.2	128.0	124.3	120.1	84.3	83.1	111.9	323.6	588.5	333.6
12:39:52	9:09:01	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	118.3	123.0	124.2	120.0	84.3	83.0	111.8	323.6	588.5	333.6
12:40:52	9:10:01	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	119.2	124.2	120.0	84.3	83.1	111.8	323.6	588.5	333.6
12:41:53	9:11:01	28.9	29.0	30.0	77.0	100.0	117.8	118.3	118.2	117.0	118.6	118.6	118.3	116.6	118.9	124.1	119.8	84.2	83.0	111.8	323.6	588.5	333.6
12:42:53	9:12:01	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.6	126.9	124.0	119.8	84.2	83.0	111.8	323.6	588.5	333.6
12:43:53	9:13:01	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.3	117.7	120.8	129.2	119.8	84.2	83.0	111.8	323.6	588.5	333.6
12:44:53	9:14:01	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.0	118.6	128.9	119.8	84.2	83.0	111.8	323.6	588.5	333.6
12:45:53	9:15:01	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	116.6	117.6	128.8	119.8	84.2	83.1	111.7	323.6	588.5	333.6
12:46:53	9:16:01	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.2	116.3	117.3	128.8	119.6	84.2	83.0	111.7	323.6	588.5	333.5
12:47:53	9:17:01	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.8	127.7	128.7	119.6	84.2	83.0	111.7	323.6	588.5	333.3
12:48:53	9:18:02	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	117.7	121.0	128.8	119.5	84.2	83.0	111.7	323.6	588.5	333.6
12:49:53	9:19:02	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.0	118.5	128.8	119.5	84.2	83.0	111.7	323.6	588.5	333.6
12:50:54	9:20:02	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.5	117.5	128.8	119.3	84.1	83.0	111.7	323.6	588.5	333.6
12:51:54	9:21:02	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.2	118.1	125.0	128.7	119.3	84.1	83.0	111.6	323.6	588.5	332.1
12:52:54	9:22:02	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	118.8	124.4	128.7	119.3	84.2	83.0	111.6	323.6	588.5	332.1
12:53:54	9:23:02	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	117.4	119.8	128.6	119.3	84.1	82.9	111.6	323.6	588.5	332.1
12:54:54	9:24:02	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.6	118.7	118.3	116.8	118.1	128.6	119.2	84.1	82.9	111.6	323.6	588.5	332.1
12:55:54	9:25:02	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.4	117.1	118.7	118.7	118.3	120.3	130.9	128.6	119.2	83.9	82.8	111.6	323.6	588.5	332.1
12:56:54	9:26:02	28.9	29.0	30.0	77.1	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	123.6	139.5	128.5	119.1	83.9	82.8	111.5	323.6	588.5	332.1
12:57:54	9:27:03	28.9	29.0	30.0	77.1	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.5	118.9	123.7	128.5	122.4	83.9	82.8	112.2	323.6	588.4	332.1
12:58:54	9:28:03	28.9	29.0	30.0	77.1	100.0	118.3	118.9	118.6	117.4	119.0	118.9	118.5	116.4	116.1	128.4	122.4	83.9	82.9	111.9	323.6	588.5	332.1
12:59:55	9:29:03	28.9	29.0	30.0	77.1	100.0	118.2	118.8	118.5	117.4	118.9	118.9	118.5	116.3	115.6	128.4	122.4	83.9	82.8	111.9	323.6	588.5	332.1
13:00:55	9:30:03	28.9	29.0	30.0	77.1	100.0	118.1	118.7	118.5	117.2	118.8	118.7	118.4	116.1	115.7	128.3	122.3	83.9	82.8	111.9	323.6	588.5	332.2
13:01:55	9:31:03	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.0	115.9	128.2	122.3	83.9	82.8	111.9	323.6	588.5	332.1
13:02:55	9:32:03	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.8	115.9	128.1	122.3	83.9	82.8	111.8	323.6	588.5	332.1
13:03:55	9:33:03	28.9	29.0	30.0	77.0	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.2	116.3	120.1	128.2	122.2	83.9	82.8	111.8	323.6	588.5	332.1
13:04:55	9:34:03	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.2	126.5	128.1	122.1	83.9	82.8	111.8	323.6	588.5	332.1
13:05:55	9:35:03	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	119.4	129.1	128.1	122.0	83.9	82.7	111.8	323.6	588.5	332.1
13:06:55	9:36:04	28.9	29.0	30.0	77.1	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	123.1	138.2	128.1	122.0	83.9	82.7	111.9	323.6	588.5	332.1
13:07:55	9:37:04	28.9	29.0	30.0	77.1	100.0	118.3	118.9	118.6	117.4	119.0	118.9	118.6	118.3	122.2	128.0	122.0	83.9	82.7	111.8	323.6	588.5	332.1
13:08:56	9:38:04	28.9	29.0	30.0	77.1	100.0	118.2	118.8	118.5	117.4	118.9	118.9	118.5	116.3	116.0	127.9	121.9	83.8	82.7	111.8	323.6	588.5	332.1
13:09:56	9:39:04	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.1	115.5	127.8	121.9	83.9	82.7	111.8	323.6	588.4	332.1
13:10:56	9:40:04	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.7	118.7	118.4	116.0	115.7	127.8	121.8	83.8	82.6	111.7	323.6	588.5	332.1
13:11:56	9:41:04	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	115.8	115.7	127.8	121.7	83.8	82.6	111.7	323.6	588.5	332.2
13:12:56	9:42:04	28.9	29.0	30.0	77.1	100.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	117.8	124.4	127.7	121.7	83.8	82.6	111.7	323.6	588.5	332.1
13:13:56	9:43:04	28.9	29.0	30.0	77.1	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.6	124.4	127.6	121.5	83.7	82.5	111.7	323.6	588.5	332.1
13:14:56	9:44:05	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.0	119.4	127.6	121.5	83.7	82.6	111.7	323.6	588.5	332.1
13:15:56	9:45:05	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.5	117.8	127.6	121.5	83.8	82.5	111.7	323.6	588.5	331.8
13:16:57	9:46:05	28.9	29.0	30.0	77.0	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.8	131.6	127.5	121.4	83.7	82.4	111.6	323.6	588.5	332.1
13:17:57	9:47:05	28.9	29.0	30.0	77.0	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	118.4	123.0	127.4	121.4	83.7	82.4	111.6	323.6	588.5	332.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000283

13:18:57	9:48:05	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	117.4	119.4	127.4	121.3	83.6	82.4	111.6	323.6	588.5	332.1
13:19:57	9:49:05	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.9	118.0	127.4	121.2	83.7	82.4	111.6	323.6	588.5	332.1
13:20:57	9:50:05	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.3	116.5	117.3	127.3	121.2	83.6	82.4	111.6	323.6	588.5	332.1
13:21:57	9:51:05	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.4	119.2	127.2	121.1	83.6	82.4	111.5	323.6	588.5	332.1
13:22:57	9:52:05	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	120.9	131.6	127.3	121.0	83.6	82.3	111.5	323.6	588.5	330.6
13:23:57	9:53:06	28.9	29.0	30.0	77.1	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	118.3	122.9	127.1	121.0	83.6	82.3	111.5	323.6	588.5	330.6
13:24:57	9:54:06	28.9	29.0	30.0	77.1	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	117.4	119.4	127.1	120.9	83.4	82.3	111.5	323.6	588.5	332.1
13:25:58	9:55:06	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	116.9	118.0	127.2	120.9	83.4	82.3	111.5	323.6	588.5	330.6
13:26:58	9:56:06	28.9	29.0	30.0	77.0	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	116.5	117.2	127.0	120.8	83.4	82.2	111.5	323.6	588.5	330.5
13:27:58	9:57:06	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	119.8	129.8	126.9	120.8	83.4	82.2	111.5	323.6	588.5	330.6
13:28:58	9:58:06	28.9	29.0	30.0	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.4	123.3	138.9	126.8	120.7	83.4	82.2	111.5	323.6	588.5	330.6
13:29:58	9:59:06	28.9	29.0	30.0	77.5	100.0	118.3	118.9	118.7	117.4	119.1	119.0	118.6	118.8	123.2	126.8	120.7	83.4	82.1	111.5	323.6	588.5	330.6
13:30:58	10:00:06	28.9	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.4	119.0	118.9	118.6	116.3	116.1	126.7	120.6	83.4	82.1	111.5	323.6	588.4	330.6
13:31:58	10:01:06	28.9	29.0	30.0	77.1	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.1	115.4	126.6	120.5	83.4	81.9	111.3	323.6	588.5	330.6
13:32:58	10:02:07	28.9	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.8	118.8	118.4	116.0	115.6	126.6	120.5	83.4	81.9	111.3	323.6	588.5	330.6
13:33:58	10:03:07	28.9	29.0	30.0	77.1	100.0	117.9	118.5	118.3	117.1	118.6	118.7	118.3	115.9	115.7	126.5	120.4	83.3	81.9	111.3	323.6	588.4	330.6
13:34:58	10:04:07	28.9	29.0	30.0	77.5	100.0	117.8	118.3	118.2	117.0	118.5	118.6	118.2	117.8	125.0	126.5	120.3	83.3	81.8	111.3	323.6	588.5	330.6
13:35:59	10:05:07	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.7	124.5	126.5	120.3	83.3	81.8	111.2	323.6	588.5	330.6
13:36:59	10:06:07	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.1	119.5	126.4	120.2	83.2	81.8	111.3	323.6	588.5	330.6
13:37:59	10:07:07	28.9	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.3	116.5	118.5	126.3	120.2	83.2	81.8	111.2	323.6	588.5	330.6
13:38:59	10:08:07	28.9	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	121.5	134.5	126.3	120.1	83.2	81.6	111.2	323.6	588.5	330.6
13:39:59	10:09:07	28.9	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.4	123.1	137.0	126.2	120.1	83.1	81.6	111.2	323.6	588.5	330.6
13:40:59	10:10:07	28.9	29.0	30.0	77.5	100.0	118.3	118.9	118.6	117.4	119.1	119.0	118.6	117.8	120.4	126.1	120.0	83.2	81.6	111.1	323.6	588.4	330.6
13:41:59	10:11:07	28.9	29.0	30.0	77.5	100.0	118.3	118.8	118.6	117.4	119.0	118.9	118.6	116.3	115.7	126.2	119.8	83.1	81.6	111.1	323.6	588.5	330.6
13:42:59	10:12:08	28.9	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.9	118.8	118.5	116.1	115.5	126.2	119.8	83.1	81.4	111.1	323.6	588.5	330.6
13:43:59	10:13:08	28.9	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	115.9	115.6	126.1	119.7	83.0	81.4	111.0	323.6	588.5	330.6
13:45:00	10:14:08	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.7	118.3	115.8	115.7	126.1	119.7	83.0	81.4	111.0	323.6	588.5	330.6
13:46:00	10:15:08	28.8	29.0	30.0	77.5	100.0	117.9	118.3	118.2	117.1	118.5	118.6	118.3	116.9	121.8	125.9	119.7	83.0	81.3	111.0	323.6	588.5	330.6
13:47:00	10:16:08	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.9	125.5	125.9	119.6	82.8	81.3	110.9	323.6	588.5	330.6
13:48:00	10:17:08	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	119.8	125.9	119.6	82.8	81.3	111.0	323.6	588.5	330.5
13:49:00	10:18:08	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.0	124.6	125.9	119.5	82.8	81.2	110.9	323.6	588.5	330.5
13:50:00	10:19:08	28.8	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.3	122.4	137.0	125.9	119.5	82.8	81.1	110.9	323.6	588.5	330.6
13:51:00	10:20:08	28.8	29.0	30.0	77.5	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.5	121.6	131.8	125.7	119.3	82.8	81.1	110.9	323.6	588.5	330.6
13:52:00	10:21:08	28.9	29.0	30.0	77.5	100.0	118.3	118.9	118.6	117.4	119.1	118.9	118.6	117.1	118.0	125.7	119.3	82.7	81.0	110.8	323.6	588.5	330.6
13:53:00	10:22:09	28.8	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.4	118.9	118.9	118.5	116.2	115.4	125.7	119.3	82.7	81.1	110.9	323.6	588.5	330.6
13:54:00	10:23:09	28.8	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.3	118.8	118.8	118.4	116.1	115.5	125.6	119.2	82.7	81.1	110.8	323.6	588.5	330.5
13:55:01	10:24:09	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.4	117.2	118.7	118.7	118.3	115.9	115.6	125.6	119.1	82.7	81.0	110.7	323.6	588.5	330.6
13:56:01	10:25:09	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.2	118.6	118.6	118.3	115.8	115.7	125.5	121.7	82.7	81.0	112.3	323.6	588.5	330.6
13:57:01	10:26:09	28.8	29.0	30.0	77.0	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	129.8	125.4	122.4	82.6	80.9	111.0	323.6	588.5	330.6
13:58:01	10:27:09	28.8	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.3	118.8	118.7	118.4	122.9	138.7	125.4	122.3	82.5	80.9	111.1	323.6	588.5	330.6
13:59:01	10:28:09	28.8	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.4	119.0	118.8	118.5	119.0	124.7	125.4	122.3	82.5	80.9	111.0	323.6	588.5	330.6
14:00:01	10:29:09	28.8	29.0	30.0	77.5	100.0	118.2	118.8	118.5	117.4	119.0	118.8	118.5	116.2	116.3	125.3	122.2	82.5	80.8	111.0	323.6	588.5	330.6
14:01:01	10:30:09	28.8	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.0	115.3	125.3	122.2	82.5	80.8	110.9	323.6	588.5	330.7
14:02:01	10:31:10	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.2	118.7	118.7	118.4	115.8	115.4	125.3	122.1	82.3	80.8	110.9	323.6	588.4	329.1
14:03:02	10:32:10	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	124.0	125.3	122.0	82.3	80.8	110.9	323.6	588.5	329.1
14:04:02	10:33:10	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.7	124.4	125.2	122.0	82.3	80.7	110.9	323.6	588.5	330.6
14:05:02	10:34:10	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.1	119.4	125.1	121.9	82.3	80.7	110.9	323.6	588.5	329.1
14:06:02	10:35:10	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.5	117.5	125.1	121.8	82.3	80.6	110.9	323.6	588.5	330.6
14:07:02	10:36:10	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	116.7	125.0	121.8	82.3	80.6	110.8	323.6	588.5	329.1
14:08:02	10:37:10	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.7	132.6	125.0	121.7	82.2	80.6	110.8	323.6	588.5	329.2
14:09:02	10:38:10	28.8	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	119.3	126.0	124.9	121.7	82.2	80.6	110.8	323.6	588.5	329.1
14:10:02	10:39:10	28.8	29.0	30.0	77.5	100.0	118.1	118.7	118.4	117.2	118.8	118.7	118.4	117.6	119.9	124.9	121.5	82.1	80.6	110.7	323.6	588.5	329.1
14:11:02	10:40:11	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.0	113.2	124.9	121.5	82.2	80.6	110.8	323.6	588.5	329.1
14:12:02	10:41:11	28.8	29.0	30.0	77.5	100.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	113.7	112.8	124.9	121.4	82.1	80.6	110.7	323.6	588.5	329.1
14:13:03	10:42:11	28.8	29.0	30.0	77.0	100.0	117.8	118.3	118.1	117.0	118.5	118.5	118.2	119.4	129.4	124.8	121.4	82.1	80.6	110.7	323.6	588.5	329.1
14:14:03	10:43:11	28.8	29.0	30.0	77.1	100.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	126.1	124.8	121.3	82.1	80.6	110.7	323.6	588.5	329.1
14:15:03	10:44:11	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.7	124.4	124.7	121.3	82.1	80.6	110.7	323.6	588.5	329.1
14:16:03	10:45:11	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	119.3	124.6	121.1	81.9	80.5	110.6	323.6	588.5	329.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000284

14:17:03	10:46:11	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.5	118.0	124.6	121.1	81.9	80.6	110.6	323.6	588.5	329.1
14:18:03	10:47:11	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.7	118.6	118.3	119.6	126.8	124.5	121.1	81.9	80.6	110.6	323.6	588.5	329.1
14:19:03	10:48:12	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.6	120.6	124.6	121.0	81.9	80.6	110.6	323.6	588.4	329.1
14:20:03	10:49:12	28.8	29.0	30.0	77.0	100.0	117.9	118.6	118.2	117.1	118.7	118.6	118.3	116.9	118.3	124.5	121.0	82.1	80.7	110.7	323.6	588.5	329.1
14:21:04	10:50:12	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.4	117.5	124.4	120.9	81.9	80.6	110.6	323.6	588.5	329.1
14:22:04	10:51:12	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.9	128.1	124.4	120.9	81.9	80.6	110.6	323.6	588.5	329.1
14:23:04	10:52:12	28.8	29.0	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.8	118.6	118.4	117.8	121.2	124.5	120.8	81.9	80.7	110.6	323.6	588.5	329.1
14:24:04	10:53:12	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.2	118.7	118.6	118.4	117.0	118.6	124.4	120.8	81.9	80.7	110.6	323.6	588.5	329.1
14:25:04	10:54:12	28.8	29.0	30.0	77.0	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	116.6	117.5	124.3	120.7	81.9	80.7	110.6	323.6	588.4	329.1
14:26:04	10:55:12	28.8	28.9	30.0	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	116.2	116.8	124.2	120.7	81.9	80.8	110.6	323.6	588.5	329.2
14:27:04	10:56:12	28.8	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.8	128.1	124.1	120.7	82.1	80.8	110.6	323.6	588.5	329.1
14:28:04	10:57:13	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.7	121.2	128.3	120.6	82.1	80.8	110.6	323.6	588.5	329.1
14:29:04	10:58:13	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.1	118.7	118.6	118.3	116.8	118.4	129.2	120.4	81.9	80.9	110.6	323.6	588.5	329.1
14:30:05	10:59:13	28.8	28.9	30.0	77.5	100.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.8	123.5	129.4	120.5	82.1	81.0	110.6	323.6	588.5	329.2

EXPOSURE(2) SUMMARY 06/24/2015 23:45:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:52	11:00:00	28.8	28.9	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	119.8	127.7	128.9	120.4	81.9	81.0	110.6	323.6	588.5	329.1

START PRESS: 0028.8 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.4 MAX GAS TEMP: 093.3
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.0 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.0 MIN GAS TEMP: 081.9
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.2
EO USED PHASE: 000.1 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/24/2015 23:45:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:52	0:00:00	28.8	28.9	30.0	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	119.8	127.7	128.9	120.4	81.9	81.0	110.6	323.6	588.5	329.1
14:31:52	0:01:00	28.1	28.2	30.0	76.1	100.0	117.7	118.3	118.0	116.9	118.5	118.4	118.1	119.4	126.2	128.8	120.4	82.1	87.7	110.6	323.6	588.5	323.1
14:32:52	0:02:00	27.4	27.5	30.0	74.3	100.0	117.7	118.3	118.0	116.8	118.5	118.3	117.9	119.2	124.9	129.0	120.3	82.1	90.2	110.6	323.6	588.5	314.0
14:33:52	0:03:00	26.7	26.9	30.0	73.0	99.2	117.6	118.3	117.9	116.7	118.5	118.3	117.9	119.0	125.4	128.8	120.2	81.9	92.1	110.6	323.6	588.5	306.5
14:34:52	0:04:00	26.1	26.2	30.0	71.6	97.3	117.6	118.3	117.9	116.6	118.5	118.3	117.9	119.6	127.3	128.7	120.1	82.1	93.2	110.6	323.6	588.4	299.0
14:35:52	0:05:00	25.4	25.5	30.0	70.2	95.3	117.7	118.3	118.0	116.7	118.4	118.3	117.8	120.1	127.9	128.7	120.1	82.1	94.4	110.6	323.6	588.4	290.0
14:36:52	0:06:01	24.7	24.9	30.0	69.3	94.1	117.7	118.3	118.0	116.7	118.5	118.3	117.8	120.3	128.0	128.8	120.0	82.1	95.0	110.6	323.6	588.5	282.4
14:37:53	0:07:01	24.0	24.1	30.0	67.9	92.0	117.7	118.5	118.1	116.7	118.5	118.3	117.8	119.9	127.3	128.6	120.0	82.1	95.6	110.7	323.6	588.5	274.9
14:38:53	0:08:01	23.3	23.5	30.0	67.1	91.0	117.7	118.5	118.0	116.6	118.5	118.3	117.8	119.6	126.4	128.6	119.8	82.1	95.9	110.7	323.6	588.5	267.4
14:39:53	0:09:01	22.7	22.8	30.0	65.7	89.3	117.6	118.3	118.0	116.5	118.5	118.4	117.8	119.4	126.0	128.5	119.8	82.1	95.9	110.6	323.6	588.5	259.8
14:40:53	0:10:01	22.0	22.1	30.0	64.8	87.8	117.7	118.5	118.1	116.6	118.5	118.3	117.7	119.2	125.2	128.5	119.8	82.1	96.1	110.6	323.6	588.5	252.3
14:41:53	0:11:01	21.3	21.4	30.0	63.4	86.2	117.6	118.3	118.0	116.5	118.5	118.3	117.7	119.3	125.3	128.5	119.8	82.1	96.2	110.7	323.6	588.5	243.2
14:42:53	0:12:01	20.6	20.8	30.0	62.0	84.2	117.7	118.5	118.0	116.6	118.5	118.3	117.7	119.2	124.9	128.5	119.7	82.1	96.2	110.7	323.6	588.5	235.7

STERILANT REMOVAL SUMMARY 06/24/2015 23:57:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:43:05	0:12:13	20.5	20.6	30.0	62.0	84.2	117.6	118.5	118.0	116.5	118.5	118.3	117.7	120.0	127.6	128.4	119.7	82.1	96.2	110.6	323.6	588.5	234.2

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.7 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.0 MAX GAS TEMP: 082.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.4 MIN GAS TEMP: 081.9
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.7

POST N2 WASE(1) (Loop:1/6) 06/24/2015 23:57:15

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000285

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:43:05	0:00:00	20.5	20.6	30.0	62.0	84.2	117.6	118.5	118.0	116.5	118.5	118.3	117.7	120.0	127.6	128.4	119.7	82.1	96.2	110.6	323.6	588.5	234.2
14:45:05	0:02:00	23.2	23.3	30.0	65.2	86.3	118.6	119.4	119.0	117.6	119.6	119.3	119.0	119.9	127.3	128.3	119.5	104.8	93.4	110.7	323.6	588.5	246.2
14:47:05	0:04:00	25.9	26.0	30.0	64.8	84.8	119.0	119.7	119.3	118.1	119.8	119.6	119.3	119.6	126.7	128.1	119.2	110.9	90.9	110.6	323.6	588.5	237.2

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/25/2015 00:03:09

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:49:00	0:05:54	28.5	28.6	30.0	63.9	83.0	119.3	120.1	119.5	118.4	120.1	119.8	119.6	119.2	124.8	128.0	119.1	111.7	89.1	110.6	323.6	588.5	223.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.5 MAX GAS TEMP: 111.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.0 MIN GAS TEMP: 082.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:1/6) 06/25/2015 00:03:09

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:49:00	0:00:00	28.5	28.6	30.0	63.9	83.0	119.3	120.1	119.5	118.4	120.1	119.8	119.6	119.2	124.8	128.0	119.1	111.7	89.1	110.6	323.6	588.5	223.6
14:51:00	0:02:00	25.8	26.0	30.0	58.0	77.9	118.0	118.8	118.3	117.1	118.9	118.6	118.2	119.0	122.9	127.9	122.3	106.3	95.8	111.0	323.6	588.4	189.0
14:53:00	0:04:00	23.1	23.2	30.0	53.8	73.2	117.6	118.3	117.9	116.6	118.5	118.2	117.7	119.6	123.8	127.7	122.3	101.2	98.1	110.9	323.6	588.4	166.4

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/25/2015 00:09:04

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:54:55	0:05:55	20.5	20.6	30.0	51.2	69.9	117.4	118.2	117.7	116.3	118.3	117.9	117.4	120.3	125.8	127.8	122.1	97.4	99.5	111.0	323.6	588.4	151.4

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.1 MAX GAS TEMP: 111.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 127.7 MIN GAS TEMP: 097.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:2/6) 06/25/2015 00:09:04

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:54:55	0:00:00	20.5	20.6	30.0	51.2	69.9	117.4	118.2	117.7	116.3	118.3	117.9	117.4	120.3	125.8	127.8	122.1	97.4	99.5	111.0	323.6	588.4	151.4
14:56:55	0:02:00	23.2	23.3	30.0	53.9	71.2	118.7	119.4	119.0	117.7	119.6	119.3	119.0	120.3	126.5	127.7	121.9	109.4	96.3	110.9	323.6	588.4	162.0
14:58:55	0:04:00	25.9	26.1	30.0	54.3	70.9	119.2	119.8	119.4	118.3	120.0	119.7	119.5	120.7	127.5	127.4	121.7	113.5	93.4	110.9	323.6	588.5	158.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/25/2015 00:14:58

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:00:49	0:05:54	28.5	28.6	30.0	54.3	70.7	119.3	119.9	119.5	118.5	120.1	119.8	119.7	120.3	127.8	127.4	121.4	114.0	91.2	110.8	323.6	588.5	152.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 127.8 MAX GAS TEMP: 114.0
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.4 MIN GAS TEMP: 097.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.4

POST EVACUATION(1) (Loop:2/6) 06/25/2015 00:14:58

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000286

15:00:49	0:00:00	28.5	28.6	30.0	54.3	70.7	119.3	119.9	119.5	118.5	120.1	119.8	119.7	120.3	127.8	127.4	121.4	114.0	91.2	110.8	323.6	588.5	152.9
15:02:49	0:02:00	25.8	25.9	30.0	49.3	66.3	118.0	118.8	118.3	117.1	118.9	118.5	118.3	119.9	127.1	127.3	121.3	108.7	96.2	110.9	323.6	588.5	130.4
15:04:49	0:04:00	23.1	23.2	30.0	47.1	63.9	117.6	118.3	117.9	116.7	118.5	118.2	117.8	119.0	124.5	127.3	121.1	103.5	98.6	110.8	323.6	588.5	115.3

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/25/2015 00:20:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:42	0:05:53	20.5	20.6	30.0	45.7	62.4	117.4	118.2	117.7	116.4	118.2	117.9	117.5	119.4	123.3	127.1	121.0	99.6	100.0	110.7	323.6	588.5	106.2

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.4 MAX GAS TEMP: 114.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.1 MIN GAS TEMP: 099.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.0

POST N2 WASH(1) (Loop:3/6) 06/25/2015 00:20:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:42	0:00:00	20.5	20.6	30.0	45.7	62.4	117.4	118.2	117.7	116.4	118.2	117.9	117.5	119.4	123.3	127.1	121.0	99.6	100.0	110.7	323.6	588.5	106.2
15:08:42	0:02:00	23.2	23.3	30.0	48.0	63.3	118.7	119.4	119.0	117.8	119.6	119.3	119.1	119.6	124.3	127.1	120.8	109.2	96.9	110.6	323.6	588.5	115.3
15:10:42	0:04:00	25.9	26.1	30.0	48.9	63.8	119.2	119.8	119.4	118.3	120.0	119.7	119.6	119.9	124.8	126.9	120.6	112.8	94.0	110.6	323.6	588.5	115.3

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/25/2015 00:26:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:36	0:05:54	28.5	28.6	30.0	48.9	63.4	119.4	120.1	119.5	118.6	120.1	119.8	119.8	120.3	126.4	126.7	120.4	113.3	91.7	110.6	323.6	588.5	112.2

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.1 MAX GAS TEMP: 113.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.7 MIN GAS TEMP: 099.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:3/6) 06/25/2015 00:26:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:36	0:00:00	28.5	28.6	30.0	48.9	63.4	119.4	120.1	119.5	118.6	120.1	119.8	119.8	120.3	126.4	126.7	120.4	113.3	91.7	110.6	323.6	588.5	112.2
15:14:36	0:02:00	25.8	26.0	30.0	44.8	60.2	118.0	118.8	118.2	117.2	118.8	118.5	118.3	120.3	126.5	126.7	120.2	108.4	96.8	110.5	323.6	588.5	95.7
15:16:36	0:04:00	23.1	23.2	30.0	43.4	59.0	117.6	118.3	117.9	116.7	118.5	118.2	117.9	120.5	127.4	126.6	120.1	103.5	99.2	110.4	323.6	588.5	86.6

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/25/2015 00:32:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:30	0:05:54	20.5	20.6	30.0	41.6	56.9	117.4	118.2	117.6	116.4	118.3	118.0	117.6	120.3	127.6	126.6	119.8	99.7	100.6	110.4	323.6	588.4	80.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 126.8 MAX GAS TEMP: 113.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 126.6 MIN GAS TEMP: 099.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.1 EO USED CYCLE:019.6 MIN VAP TEMP: 119.8

POST N2 WASH(1) (Loop:4/6) 06/25/2015 00:32:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:30	0:00:00	20.5	20.6	30.0	41.6	56.9	117.4	118.2	117.6	116.4	118.3	118.0	117.6	120.3	127.6	126.6	119.8	99.7	100.6	110.4	323.6	588.4	80.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000287

15:20:30	0:02:00	23.2	23.3	30.0	44.8	59.1	118.7	119.4	119.0	117.8	119.6	119.3	119.2	120.0	127.5	126.5	119.8	108.6	97.4	110.3	323.6	588.4	89.7
15:22:31	0:04:00	25.9	26.0	30.0	45.2	59.1	119.1	119.8	119.3	118.3	120.0	119.7	119.6	119.6	126.1	126.4	119.5	112.0	94.4	110.2	323.6	588.5	91.2

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/25/2015 00:38:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:25	0:05:34	28.5	28.6	30.0	45.7	59.2	119.4	120.1	119.6	118.7	120.1	119.8	119.9	119.2	123.9	126.3	119.3	112.5	92.0	110.2	323.6	588.4	88.2

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.6 MAX GAS TEMP: 112.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.3 MIN GAS TEMP: 099.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.3

POST EVACUATION(1) (Loop:4/6) 06/25/2015 00:38:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:25	0:00:00	28.5	28.6	30.0	45.7	59.2	119.4	120.1	119.6	118.7	120.1	119.8	119.9	119.2	123.9	126.3	119.3	112.5	92.0	110.2	323.6	588.4	88.2
15:26:25	0:02:00	25.8	25.9	30.0	42.5	57.2	118.0	118.8	118.2	117.2	118.9	118.5	118.4	119.3	122.9	126.2	119.2	107.7	97.0	110.1	323.6	588.4	76.1
15:28:25	0:04:00	23.1	23.2	30.0	40.7	55.2	117.7	118.3	117.9	116.8	118.5	118.2	117.9	119.6	123.8	126.3	122.4	103.1	99.3	110.8	323.6	588.5	68.7

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/25/2015 00:44:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:19	0:05:54	20.5	20.6	30.0	39.8	54.3	117.4	118.2	117.7	116.5	118.3	117.9	117.6	120.3	126.2	126.0	122.3	99.4	100.5	110.4	323.6	588.4	65.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.4 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 126.0 MIN GAS TEMP: 099.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:5/6) 06/25/2015 00:44:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:19	0:00:00	20.5	20.6	30.0	39.8	54.3	117.4	118.2	117.7	116.5	118.3	117.9	117.6	120.3	126.2	126.0	122.3	99.4	100.5	110.4	323.6	588.4	65.6
15:32:19	0:02:00	23.2	23.3	30.0	42.6	56.2	118.7	119.4	119.0	117.8	119.6	119.3	119.2	120.7	127.4	126.1	122.1	109.8	97.3	110.4	323.6	588.4	73.1
15:34:19	0:04:00	25.9	26.0	30.0	43.0	56.1	119.2	119.8	119.3	118.4	120.0	119.7	119.7	120.4	127.6	125.9	121.8	113.8	94.3	110.3	323.6	588.5	74.7

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/25/2015 00:50:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:11	0:05:52	28.5	28.7	30.0	43.4	56.4	119.4	119.9	119.5	118.7	120.2	119.8	120.0	120.1	127.5	125.8	121.6	114.3	91.8	110.2	323.6	588.4	73.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.1 MAX GAS TEMP: 114.3
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.8 MIN GAS TEMP: 099.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.6

POST EVACUATION(1) (Loop:5/6) 06/25/2015 00:50:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:12	0:00:00	28.5	28.7	30.0	43.4	56.4	119.4	119.9	119.5	118.7	120.2	119.8	120.0	120.1	127.5	125.8	121.6	114.3	91.8	110.2	323.6	588.4	73.1
15:38:12	0:02:00	25.8	26.0	30.0	40.3	54.0	118.1	118.8	118.2	117.3	118.8	118.4	118.4	119.9	127.1	125.7	121.5	109.3	96.7	110.2	323.6	588.5	61.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000288

15:40:12	0:04:00	23.1	23.2	30.0	38.9	52.8	117.7	118.3	117.9	116.8	118.4	118.1	117.9	119.6	126.5	125.5	121.3	104.2	99.1	110.1	323.6	588.5	56.6

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/25/2015 00:56:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:42:04	0:05:52	20.5	20.6	30.0	38.0	51.8	117.4	118.2	117.7	116.5	118.3	117.9	117.7	119.2	122.5	125.4	121.2	100.3	100.3	110.1	323.6	588.5	53.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 125.8 MAX GAS TEMP: 114.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.4 MIN GAS TEMP: 100.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.2

POST N2 WASH(1) (Loop:6/6) 06/25/2015 00:56:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:42:04	0:00:00	20.5	20.6	30.0	38.0	51.8	117.4	118.2	117.7	116.5	118.3	117.9	117.7	119.2	122.5	125.4	121.2	100.3	100.3	110.1	323.6	588.5	53.5
15:44:04	0:02:00	23.2	23.3	30.0	40.7	53.7	118.8	119.4	119.0	117.9	119.6	119.3	119.3	119.2	122.8	125.3	120.9	109.3	97.0	110.0	323.6	588.5	61.0
15:46:04	0:04:00	25.9	26.0	30.0	41.6	54.3	119.2	119.8	119.3	118.4	120.0	119.7	119.8	119.6	123.8	125.1	120.7	113.0	93.9	109.9	323.6	588.5	61.1

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/25/2015 01:02:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:57	0:05:54	28.5	28.7	30.0	42.1	54.6	119.4	120.1	119.5	118.7	120.2	119.8	120.0	120.1	125.7	125.0	120.5	113.4	91.4	109.8	323.6	588.4	61.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.5 MAX GAS TEMP: 113.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 125.0 MIN GAS TEMP: 100.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.5

POST EVACUATION(1) (Loop:6/6) 06/25/2015 01:02:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:57	0:00:00	28.5	28.7	30.0	42.1	54.6	119.4	120.1	119.5	118.7	120.2	119.8	120.0	120.1	125.7	125.0	120.5	113.4	91.4	109.8	323.6	588.4	61.1
15:49:57	0:02:00	25.8	26.0	30.0	38.9	52.2	118.1	118.8	118.2	117.3	118.8	118.5	118.5	120.4	126.5	124.9	120.3	108.4	96.3	109.8	323.6	588.5	52.0
15:51:57	0:04:00	23.0	23.2	30.0	38.0	51.6	117.6	118.3	117.8	116.8	118.4	118.1	117.9	120.4	127.1	124.7	120.2	103.5	98.8	109.7	323.6	588.4	47.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/25/2015 01:08:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:52	0:05:54	20.5	20.6	30.0	36.6	50.0	117.4	118.2	117.6	116.5	118.2	117.9	117.7	120.0	127.3	124.7	120.1	99.8	100.0	109.7	323.6	588.4	46.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 125.1 MAX GAS TEMP: 113.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.7 MIN GAS TEMP: 099.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.0

AIR BACKFILL(1) (Loop:1/12) 06/25/2015 01:08:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:52	0:00:00	20.5	20.6	30.0	36.6	50.0	117.4	118.2	117.6	116.5	118.2	117.9	117.7	120.0	127.3	124.7	120.1	99.8	100.0	109.7	323.6	588.4	46.0
15:55:52	0:02:00	23.3	23.4	30.0	39.3	52.2	118.5	119.4	119.1	117.2	119.5	119.4	118.5	119.8	127.1	124.6	119.8	96.5	96.7	109.6	323.6	588.5	52.1
15:57:52	0:04:00	26.0	26.2	30.0	40.7	53.5	118.9	119.7	119.6	117.4	120.0	119.9	118.7	119.6	126.4	124.5	119.8	93.8	93.4	109.5	323.6	588.4	53.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000289

15:59:52	0:06:00	28.6	28.8	30.0	41.2	53.9	119.0	119.9	119.7	117.5	120.1	120.1	118.8	119.4	125.4	124.4	119.7	91.8	90.9	109.4	323.6	588.4	53.6

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/25/2015 01:14:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:15	0:06:00	29.1	29.3	30.0	41.6	54.4	119.1	120.1	119.7	117.5	120.2	120.1	118.8	120.6	127.5	124.4	119.6	91.4	90.4	109.4	323.6	588.4	53.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 124.7 MAX GAS TEMP: 099.8
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.3 MIN GAS TEMP: 091.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.6

POST EVACUATION(2) (Loop:1/12) 06/25/2015 01:14:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:15	0:00:00	29.1	29.3	30.0	41.6	54.4	119.1	120.1	119.7	117.5	120.2	120.1	118.8	120.6	127.5	124.4	119.6	91.4	90.4	109.4	323.6	588.4	53.5
16:02:15	0:02:00	26.5	26.6	30.0	38.9	52.3	118.0	118.8	118.4	117.0	118.9	118.6	118.1	120.5	127.7	124.2	119.5	89.8	95.9	109.4	323.6	588.5	44.5
16:04:15	0:04:00	23.7	23.8	30.0	37.1	50.4	117.6	118.3	117.9	116.6	118.6	118.3	117.9	120.3	127.8	124.2	119.3	88.4	98.3	109.3	323.6	588.5	41.5
16:06:15	0:06:00	20.9	21.1	30.0	36.2	49.4	117.4	118.3	117.7	116.4	118.3	118.0	117.6	120.4	128.0	124.2	119.3	87.2	99.8	109.2	323.6	588.4	40.0

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/25/2015 01:20:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:38	0:06:33	20.5	20.6	30.0	36.2	49.4	117.4	118.2	117.7	116.4	118.2	118.0	117.5	120.3	125.7	124.2	119.3	87.1	99.9	109.2	323.6	588.4	40.0

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 124.4 MAX GAS TEMP: 091.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.1 MIN GAS TEMP: 087.1
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:2/12) 06/25/2015 01:20:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:38	0:00:00	20.5	20.6	30.0	36.2	49.4	117.4	118.2	117.7	116.4	118.2	118.0	117.5	120.3	125.7	124.2	119.3	87.1	99.9	109.2	323.6	588.4	40.0
16:08:38	0:02:00	23.3	23.4	30.0	38.9	51.5	118.6	119.4	119.2	117.1	119.6	119.5	118.3	120.6	126.9	124.0	119.1	86.2	96.5	109.1	323.6	588.4	44.5
16:10:38	0:04:00	25.9	26.1	30.0	39.8	52.3	118.9	119.8	119.6	117.3	120.0	120.0	118.6	120.4	127.0	123.9	119.0	85.3	93.3	109.1	323.6	588.5	46.0
16:12:38	0:06:00	28.6	28.8	30.0	40.7	53.3	119.1	120.1	119.8	117.4	120.2	120.1	118.6	120.4	127.5	124.0	118.8	84.7	90.7	109.0	323.6	588.4	46.1

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/25/2015 01:27:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:57	0:06:19	29.2	29.3	30.0	40.7	53.2	119.1	120.1	119.8	117.5	120.2	120.1	118.7	119.9	125.0	123.9	118.8	84.6	90.3	109.0	323.6	588.5	46.1

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 124.2 MAX GAS TEMP: 087.1
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 123.9 MIN GAS TEMP: 084.6
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:2/12) 06/25/2015 01:27:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:57	0:00:00	29.2	29.3	30.0	40.7	53.2	119.1	120.1	119.8	117.5	120.2	120.1	118.7	119.9	125.0	123.9	118.8	84.6	90.3	109.0	323.6	588.5	46.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000290

16:14:57	0:02:00	26.4	26.6	30.0	38.4	51.7	118.0	118.8	118.4	116.9	118.9	118.7	118.1	120.3	125.8	129.0	122.3	83.9	95.6	109.3	323.6	588.5	40.0
16:16:57	0:04:00	23.7	23.8	30.0	36.6	49.7	117.7	118.5	118.0	116.6	118.5	118.3	117.8	120.3	126.2	128.8	122.3	83.4	98.1	109.3	323.6	588.5	35.5
16:18:57	0:06:00	21.0	21.1	30.0	35.3	48.0	117.5	118.3	117.9	116.4	118.3	118.1	117.5	120.5	127.3	128.8	122.1	83.1	99.6	109.3	323.6	588.5	34.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/25/2015 01:33:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:20	0:06:23	20.5	20.6	30.0	35.3	48.1	117.4	118.3	117.8	116.3	118.3	118.1	117.5	119.4	123.3	128.7	122.1	83.0	99.7	109.3	323.6	588.4	34.0

START PRESS: 0029.2 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.1 MAX GAS TEMP: 084.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 123.8 MIN GAS TEMP: 083.0
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:3/12) 06/25/2015 01:33:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:20	0:00:00	20.5	20.6	30.0	35.3	48.1	117.4	118.3	117.8	116.3	118.3	118.1	117.5	119.4	123.3	128.7	122.1	83.0	99.7	109.3	323.6	588.4	34.0
16:21:20	0:02:00	23.3	23.5	30.0	38.0	50.3	118.6	119.6	119.3	117.0	119.6	119.5	118.2	119.6	124.0	128.7	121.9	82.6	96.3	109.2	323.6	588.5	38.5
16:23:20	0:04:00	26.0	26.2	30.0	39.3	51.7	118.9	119.8	119.7	117.2	120.0	120.0	118.6	119.8	124.7	128.7	121.7	82.2	93.1	109.1	323.6	588.4	40.0
16:25:20	0:06:00	28.6	28.8	30.0	39.8	52.1	119.0	120.1	119.8	117.3	120.2	120.2	118.6	120.1	125.6	128.5	121.7	81.9	90.4	109.1	323.6	588.5	40.1

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/25/2015 01:39:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:44	0:06:24	29.1	29.3	30.0	39.8	52.0	119.1	120.2	119.9	117.4	120.2	120.2	118.6	119.0	124.0	128.5	121.6	81.8	90.0	109.1	323.6	588.4	40.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 128.8 MAX GAS TEMP: 083.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 128.5 MIN GAS TEMP: 081.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.6

POST EVACUATION(2) (Loop:3/12) 06/25/2015 01:39:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:44	0:00:00	29.1	29.3	30.0	39.8	52.0	119.1	120.2	119.9	117.4	120.2	120.2	118.6	119.0	124.0	128.5	121.6	81.8	90.0	109.1	323.6	588.4	40.0
16:27:44	0:02:00	26.4	26.6	30.0	37.1	49.8	118.1	118.8	118.5	116.9	118.9	118.7	118.1	119.2	122.5	128.5	121.5	81.4	95.6	109.1	323.6	588.5	34.0
16:29:44	0:04:00	23.7	23.8	30.0	36.2	49.0	117.7	118.5	118.1	116.6	118.6	118.4	117.8	119.6	124.1	128.4	121.3	81.3	98.0	109.1	323.6	588.5	31.0
16:31:44	0:06:00	21.0	21.1	30.0	35.3	48.1	117.4	118.3	117.8	116.3	118.3	118.1	117.5	120.0	125.2	128.2	121.2	81.1	99.4	109.0	323.6	588.4	29.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/25/2015 01:46:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:32:07	0:06:23	20.5	20.6	30.0	34.8	47.5	117.4	118.2	117.8	116.3	118.2	118.0	117.4	119.2	124.7	128.2	121.1	81.0	99.5	109.0	323.6	588.5	29.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 128.5 MAX GAS TEMP: 081.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.2 MIN GAS TEMP: 081.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:4/12) 06/25/2015 01:46:16

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000291

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:32:07	0:00:00	20.5	20.6	30.0	34.8	47.5	117.4	118.2	117.8	116.3	118.2	118.0	117.4	119.2	124.7	128.2	121.1	81.0	99.5	109.0	323.6	588.5	29.5
16:34:07	0:02:00	23.3	23.4	30.0	37.1	49.1	118.6	119.6	119.3	117.0	119.6	119.6	118.2	119.2	124.8	128.2	121.0	80.8	96.1	108.9	323.6	588.4	34.0
16:36:07	0:04:00	26.0	26.1	30.0	38.9	51.1	118.9	119.8	119.7	117.2	120.0	120.0	118.5	118.9	123.8	128.1	120.9	80.5	92.8	108.9	323.6	588.5	35.5
16:38:07	0:06:00	28.6	28.8	30.0	39.4	51.5	119.0	120.1	119.8	117.3	120.2	120.1	118.6	118.9	123.0	128.0	120.7	80.3	90.1	108.9	323.6	588.4	34.0

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/25/2015 01:52:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:31	0:06:34	29.2	29.3	30.0	39.8	52.0	119.1	120.2	119.9	117.4	120.2	120.2	118.5	120.3	127.7	127.9	120.7	80.3	89.6	108.8	323.6	588.5	34.0

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.3 MAX GAS TEMP: 081.0
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.9 MIN GAS TEMP: 080.3
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:4/12) 06/25/2015 01:52:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:31	0:00:00	29.2	29.3	30.0	39.8	52.0	119.1	120.2	119.9	117.4	120.2	120.2	118.5	120.3	127.7	127.9	120.7	80.3	89.6	108.8	323.6	588.5	34.0
16:40:31	0:02:00	26.4	26.6	30.0	37.1	49.8	118.1	118.8	118.5	116.9	118.9	118.7	118.0	120.0	127.4	127.9	120.6	80.1	95.2	108.8	323.6	588.4	29.5
16:42:31	0:04:00	23.7	23.9	30.0	35.3	47.9	117.6	118.5	118.0	116.5	118.5	118.3	117.7	119.8	126.6	127.7	120.5	80.0	97.6	108.6	323.6	588.5	26.5
16:44:32	0:06:00	21.0	21.1	30.0	34.3	46.9	117.4	118.3	117.8	116.3	118.3	118.1	117.5	119.6	126.3	127.8	120.3	79.8	99.2	108.7	323.6	588.5	26.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/25/2015 01:59:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:44:55	0:06:23	20.5	20.7	30.0	34.3	47.0	117.4	118.2	117.8	116.2	118.3	118.1	117.4	120.6	127.2	127.8	120.3	79.8	99.3	108.6	323.6	588.4	26.4

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.9 MAX GAS TEMP: 080.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 127.7 MIN GAS TEMP: 079.7
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.2

AIR BACKFILL(1) (Loop:5/12) 06/25/2015 01:59:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:44:55	0:00:00	20.5	20.7	30.0	34.3	47.0	117.4	118.2	117.8	116.2	118.3	118.1	117.4	120.6	127.2	127.8	120.3	79.8	99.3	108.6	323.6	588.4	26.4
16:46:55	0:02:00	23.3	23.4	30.0	36.6	48.5	118.6	119.6	119.3	116.9	119.6	119.6	118.3	120.6	127.6	127.6	120.2	79.6	95.8	108.5	323.6	588.4	29.5
16:48:55	0:04:00	25.9	26.0	30.0	38.0	49.9	118.9	119.8	119.7	117.2	120.0	120.0	118.5	120.6	128.0	127.3	120.0	79.5	92.4	108.5	323.6	588.5	31.0
16:50:55	0:06:00	28.7	28.8	30.0	38.9	51.0	119.0	120.1	119.8	117.2	120.2	120.2	118.5	120.5	128.0	127.1	119.8	79.3	89.8	108.5	323.6	588.5	29.5

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/25/2015 02:05:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:51:15	0:06:20	29.1	29.3	30.0	38.9	50.8	119.1	120.2	119.9	117.4	120.2	120.2	118.6	120.1	125.5	127.1	119.8	79.3	89.4	108.4	323.6	588.5	29.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 127.8 MAX GAS TEMP: 079.8
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.1 MIN GAS TEMP: 079.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:5/12) 06/25/2015 02:05:25

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000292

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:51:15	0:00:00	29.1	29.3	30.0	38.9	50.8	119.1	120.2	119.9	117.4	120.2	120.2	118.6	120.1	125.5	127.1	119.8	79.3	89.4	108.4	323.6	588.5	29.5
16:53:15	0:02:00	26.4	26.5	30.0	36.2	48.6	118.0	118.8	118.5	116.8	118.9	118.7	118.0	120.3	126.2	127.0	119.8	79.2	95.0	108.4	323.6	588.4	26.5
16:55:15	0:04:00	23.7	23.8	30.0	34.8	47.3	117.6	118.5	118.0	116.5	118.5	118.3	117.7	120.3	126.7	127.0	119.6	79.0	97.5	108.3	323.6	588.4	23.5
16:57:16	0:06:00	21.0	21.1	30.0	33.9	46.2	117.5	118.3	117.9	116.3	118.3	118.1	117.5	120.6	127.2	126.8	119.5	79.0	98.8	108.2	323.6	588.4	22.0

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/25/2015 02:11:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:57:37	0:06:22	20.5	20.6	30.0	33.9	46.3	117.4	118.3	117.8	116.2	118.3	118.1	117.4	119.4	123.2	126.9	119.5	78.9	99.1	108.3	323.6	588.4	21.9

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.2 MAX GAS TEMP: 079.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.8 MIN GAS TEMP: 078.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:6/12) 06/25/2015 02:11:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:57:37	0:00:00	20.5	20.6	30.0	33.9	46.3	117.4	118.3	117.8	116.2	118.3	118.1	117.4	119.4	123.2	126.9	119.5	78.9	99.1	108.3	323.6	588.4	21.9
16:59:37	0:02:00	23.2	23.4	30.0	36.2	47.9	118.6	119.6	119.3	116.9	119.7	119.7	118.2	119.4	123.8	126.8	119.3	78.8	95.6	108.2	323.6	588.4	26.5
17:01:38	0:04:00	26.0	26.1	30.0	37.1	48.7	118.9	119.9	119.7	117.1	120.1	120.1	118.4	119.6	124.1	126.6	119.2	78.7	92.3	108.2	323.6	588.4	26.5
17:03:38	0:06:00	28.8	28.9	30.0	38.0	49.7	119.1	120.1	119.9	117.3	120.2	120.2	118.6	119.8	124.5	126.5	119.1	78.7	89.6	108.1	323.6	588.5	26.5

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/25/2015 02:18:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:03:59	0:06:22	29.2	29.3	30.0	38.0	49.7	119.1	120.1	119.9	117.3	120.3	120.3	118.6	119.3	125.6	126.5	119.0	78.6	89.2	108.2	323.6	588.5	26.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.9 MAX GAS TEMP: 079.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.4 MIN GAS TEMP: 078.6
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:6/12) 06/25/2015 02:18:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:03:59	0:00:00	29.2	29.3	30.0	38.0	49.7	119.1	120.1	119.9	117.3	120.3	120.3	118.6	119.3	125.6	126.5	119.0	78.6	89.2	108.2	323.6	588.5	26.5
17:06:00	0:02:00	26.5	26.6	30.0	35.7	47.9	118.1	118.9	118.5	116.9	118.9	118.7	118.0	119.0	124.3	126.4	122.4	78.6	94.9	108.5	323.6	588.5	21.9
17:08:00	0:04:00	23.7	23.8	30.0	34.4	46.6	117.7	118.6	118.1	116.5	118.6	118.4	117.8	119.0	123.1	126.3	122.3	78.5	97.5	108.4	323.6	588.5	20.4
17:10:00	0:06:00	21.0	21.1	30.0	33.4	45.6	117.5	118.3	117.9	116.3	118.3	118.1	117.5	119.2	122.9	126.2	122.2	78.4	99.0	108.5	323.6	588.4	20.4

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/25/2015 02:24:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:25	0:06:22	20.5	20.6	30.0	33.4	45.7	117.4	118.3	117.8	116.2	118.3	118.1	117.4	120.3	127.7	126.2	122.1	78.4	99.0	108.4	323.6	588.4	20.4

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 126.6 MAX GAS TEMP: 078.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 126.2 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000293

AIR BACKFILL(1) (Loop:7/12) 06/25/2015 02:24:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:23	0:00:00	20.5	20.6	30.0	33.4	45.7	117.4	118.3	117.8	116.2	118.3	118.1	117.4	120.3	127.7	126.2	122.1	78.4	99.0	108.4	323.6	588.4	20.4
17:12:23	0:02:00	23.3	23.4	30.0	35.3	46.7	118.6	119.6	119.3	116.9	119.7	119.7	118.2	120.3	127.8	126.2	122.0	78.4	95.5	108.3	323.6	588.4	22.0
17:14:23	0:04:00	26.0	26.1	30.0	36.6	48.0	119.0	119.9	119.8	117.2	120.1	120.1	118.4	120.1	127.6	126.1	121.9	78.3	92.1	108.3	323.6	588.5	23.5
17:16:23	0:06:00	28.7	28.8	30.0	37.1	48.5	119.1	120.2	119.9	117.3	120.2	120.3	118.5	119.8	126.7	126.0	121.7	78.2	89.5	108.3	323.6	588.5	23.5

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/25/2015 02:30:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:16:46	0:06:23	29.1	29.3	30.0	37.1	48.5	119.1	120.2	119.9	117.2	120.3	120.3	118.5	120.5	126.8	126.0	121.7	78.2	89.0	108.3	323.6	588.4	21.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.3 MAX GAS TEMP: 078.5
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 126.0 MIN GAS TEMP: 078.1
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:7/12) 06/25/2015 02:30:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:16:46	0:00:00	29.1	29.3	30.0	37.1	48.5	119.1	120.2	119.9	117.2	120.3	120.3	118.5	120.5	126.8	126.0	121.7	78.2	89.0	108.3	323.6	588.4	21.9
17:18:46	0:02:00	26.4	26.5	30.0	35.3	47.4	118.0	118.8	118.5	116.8	119.0	118.8	118.0	120.3	126.7	125.9	121.5	78.1	94.7	108.3	323.6	588.4	20.5
17:20:46	0:04:00	23.7	23.8	30.0	33.9	46.0	117.7	118.6	118.1	116.5	118.6	118.4	117.7	120.5	127.6	125.8	121.4	78.1	97.2	108.2	323.6	588.5	17.5
17:22:46	0:06:00	21.0	21.1	30.0	33.0	45.0	117.5	118.3	117.9	116.3	118.3	118.1	117.4	120.4	127.6	125.7	121.2	78.0	98.7	108.2	323.6	588.4	17.4

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/25/2015 02:37:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:08	0:06:23	20.5	20.6	30.0	33.0	45.0	117.4	118.3	117.9	116.2	118.4	118.1	117.4	119.8	124.3	125.7	121.2	78.0	98.8	108.2	323.6	588.5	17.4

START PRESS: 0029.1 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 126.1 MAX GAS TEMP: 078.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.6 MIN GAS TEMP: 077.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:8/12) 06/25/2015 02:37:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:08	0:00:00	20.5	20.6	30.0	33.0	45.0	117.4	118.3	117.9	116.2	118.4	118.1	117.4	119.8	124.3	125.7	121.2	78.0	98.8	108.2	323.6	588.5	17.4
17:25:08	0:02:00	23.3	23.4	30.0	35.3	46.8	118.5	119.4	119.3	116.9	119.7	119.7	118.2	119.8	124.8	125.6	121.1	78.0	95.3	108.2	323.6	588.5	20.4
17:27:08	0:04:00	26.0	26.1	30.0	36.2	47.5	118.9	119.8	119.7	117.1	120.1	120.1	118.5	119.8	125.1	125.6	120.9	77.8	91.9	108.1	323.6	588.5	20.5
17:29:08	0:06:00	28.6	28.7	30.0	36.6	47.9	119.1	120.2	120.0	117.2	120.3	120.3	118.5	119.9	125.3	125.5	120.8	77.8	89.2	108.1	323.6	588.5	20.4

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/25/2015 02:43:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:29:32	0:06:24	29.1	29.3	30.0	37.1	48.5	119.1	120.2	120.0	117.2	120.3	120.3	118.5	119.2	124.6	125.5	120.8	77.8	88.7	108.1	323.6	588.4	20.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.8 MAX GAS TEMP: 078.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 125.4 MIN GAS TEMP: 077.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000294

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.2
EO USED PHASE: 000.1 EO USED CYCLE:019.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:8/12) 06/25/2015 02:43:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:29:32	0:00:00	29.1	29.3	30.0	37.1	48.5	119.1	120.2	120.0	117.2	120.3	120.3	118.5	119.2	124.6	125.5	120.8	77.8	88.7	108.1	323.6	588.4	20.5
17:31:32	0:02:00	26.5	26.6	30.0	34.8	46.7	118.1	118.9	118.5	116.8	118.9	118.7	118.0	119.2	123.3	125.3	120.6	77.7	94.4	108.0	323.6	588.4	17.4
17:33:32	0:04:00	23.7	23.8	30.0	33.5	45.4	117.7	118.6	118.1	116.5	118.6	118.4	117.7	119.3	123.1	125.2	120.5	77.7	97.0	107.9	323.6	588.5	16.0
17:35:33	0:06:00	21.0	21.1	30.0	32.5	44.4	117.4	118.3	117.9	116.2	118.4	118.2	117.4	119.4	123.4	125.2	120.3	77.6	98.6	107.9	323.6	588.4	14.4

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/25/2015 02:50:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:35:55	0:06:22	20.5	20.6	30.0	32.5	44.4	117.4	118.3	117.9	116.2	118.3	118.1	117.4	119.8	127.1	125.1	120.3	77.6	98.7	107.9	323.6	588.4	14.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 125.5 MAX GAS TEMP: 077.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.1 MIN GAS TEMP: 077.6
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 120.8
EO USED PHASE: -000.1 EO USED CYCLE:019.6 MIN VAP TEMP: 120.3

AIR BACKFILL(1) (Loop:9/12) 06/25/2015 02:50:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:35:55	0:00:00	20.5	20.6	30.0	32.5	44.4	117.4	118.3	117.9	116.2	118.3	118.1	117.4	119.8	127.1	125.1	120.3	77.6	98.7	107.9	323.6	588.4	14.4
17:37:55	0:02:00	23.3	23.4	30.0	34.8	46.1	118.6	119.6	119.4	116.9	119.7	119.7	118.2	120.1	127.6	125.0	120.2	77.6	95.1	107.8	323.6	588.5	17.5
17:39:55	0:04:00	26.0	26.1	30.0	35.7	46.9	118.9	119.9	119.8	117.1	120.1	120.1	118.4	119.9	127.1	125.0	120.1	77.5	91.7	107.8	323.6	588.5	17.4
17:41:55	0:06:00	28.6	28.7	30.0	36.2	47.3	119.1	120.2	119.9	117.2	120.2	120.2	118.4	119.6	126.1	124.7	119.8	77.5	89.0	107.8	323.6	588.4	17.4

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/25/2015 02:56:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:19	0:06:22	29.1	29.3	30.0	36.2	47.3	119.1	120.2	119.9	117.2	120.3	120.3	118.5	120.5	126.9	124.7	119.8	77.4	88.5	107.8	323.6	588.4	17.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 125.2 MAX GAS TEMP: 077.7
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.7 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:9/12) 06/25/2015 02:56:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:19	0:00:00	29.1	29.3	30.0	36.2	47.3	119.1	120.2	119.9	117.2	120.3	120.3	118.5	120.5	126.9	124.7	119.8	77.4	88.5	107.8	323.6	588.4	17.4
17:44:19	0:02:00	26.4	26.5	30.0	34.3	46.2	118.0	118.8	118.5	116.8	119.0	118.8	118.0	120.6	127.5	124.6	119.7	77.4	94.4	107.7	323.6	588.5	14.4
17:46:19	0:04:00	23.7	23.9	30.0	33.0	44.7	117.7	118.6	118.1	116.5	118.6	118.4	117.7	120.6	127.9	124.5	119.6	77.4	96.8	107.7	323.6	588.5	14.4
17:48:19	0:06:00	21.0	21.1	30.0	32.5	44.4	117.4	118.3	117.9	116.2	118.4	118.1	117.4	120.5	127.8	124.4	119.3	77.3	98.1	107.6	323.6	588.4	13.0

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/25/2015 03:02:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:48:39	0:06:20	20.5	20.6	30.0	32.1	43.8	117.4	118.3	117.8	116.2	118.3	118.1	117.4	120.0	125.2	124.4	119.3	77.3	98.4	107.6	323.6	588.5	12.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000295

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.4 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 124.7 MAX GAS TEMP: 077.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.3 MIN GAS TEMP: 077.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:10/12) 06/25/2015 03:02:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:48:39	0:00:00	20.5	20.6	30.0	32.1	43.8	117.4	118.3	117.8	116.2	118.3	118.1	117.4	120.0	125.2	124.4	119.3	77.3	98.4	107.6	323.6	588.5	12.9
17:50:39	0:02:00	23.3	23.4	30.0	34.3	45.6	118.5	119.6	119.3	116.8	119.7	119.7	118.1	120.3	126.0	124.3	119.3	77.3	94.9	107.5	323.6	588.5	15.9
17:52:39	0:04:00	26.0	26.1	30.0	35.3	46.3	118.9	119.9	119.8	117.1	120.0	120.1	118.3	120.4	126.4	124.2	119.2	77.3	91.4	107.5	323.6	588.5	15.9
17:54:39	0:06:00	28.7	28.8	30.0	36.2	47.2	119.1	120.2	120.0	117.3	120.2	120.3	118.5	120.5	126.9	124.0	119.0	77.2	88.6	107.5	323.6	588.5	16.0

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/25/2015 03:09:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:55:01	0:06:22	29.1	29.3	30.0	36.2	47.3	119.1	120.2	120.0	117.2	120.2	120.3	118.4	119.2	122.6	124.0	119.0	77.2	88.1	107.4	323.6	588.5	15.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 124.5 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.1
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:10/12) 06/25/2015 03:09:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:55:01	0:00:00	29.1	29.3	30.0	36.2	47.3	119.1	120.2	120.0	117.2	120.2	120.3	118.4	119.2	122.6	124.0	119.0	77.2	88.1	107.4	323.6	588.5	15.9
17:57:01	0:02:00	26.4	26.6	30.0	33.9	45.5	118.1	118.9	118.5	116.8	119.0	118.8	118.0	119.3	123.2	128.7	122.3	77.0	94.0	107.8	323.6	588.5	12.9
17:59:01	0:04:00	23.7	23.8	30.0	32.5	44.1	117.7	118.6	118.1	116.4	118.6	118.4	117.7	119.3	123.2	128.6	122.2	77.0	96.6	107.7	323.6	588.5	11.4
18:01:01	0:06:00	21.0	21.1	30.0	32.1	43.8	117.4	118.3	117.9	116.2	118.4	118.2	117.4	119.4	123.3	128.6	122.1	77.0	98.1	107.8	323.6	588.4	11.4

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/25/2015 03:15:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:01:23	0:06:22	20.5	20.6	30.0	31.6	43.3	117.4	118.3	117.8	116.1	118.3	118.2	117.4	119.6	126.6	128.6	122.1	77.0	98.3	107.7	323.6	588.4	11.4

START PRESS: 0029.1 MAX PRESS: 0029.3 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.0 MAX GAS TEMP: 077.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:11/12) 06/25/2015 03:15:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:01:23	0:00:00	20.5	20.6	30.0	31.6	43.3	117.4	118.3	117.8	116.1	118.3	118.2	117.4	119.6	126.6	128.6	122.1	77.0	98.3	107.7	323.6	588.4	11.4
18:03:23	0:02:00	23.3	23.4	30.0	33.9	44.9	118.6	119.6	119.4	116.9	119.7	119.7	118.1	119.4	126.2	128.5	121.9	77.0	94.8	107.7	323.6	588.4	14.4
18:05:23	0:04:00	25.9	26.0	30.0	34.8	45.7	118.9	119.9	119.7	117.1	120.0	120.1	118.4	119.6	126.6	128.5	121.7	76.9	91.3	107.6	323.6	588.5	14.4
18:07:23	0:06:00	28.6	28.8	30.0	35.3	46.2	119.0	120.2	119.9	117.1	120.3	120.3	118.4	119.6	126.2	128.4	121.6	76.9	88.6	107.7	323.6	588.4	14.4

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/25/2015 03:21:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:07:42	0:06:00	29.1	29.3	30.0	35.7	46.7	119.1	120.2	119.9	117.2	120.3	120.3	118.4	120.5	127.6	128.4	121.6	76.9	88.1	107.7	323.6	588.4	14.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000296

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 128.6 MAX GAS TEMP: 077.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 128.3 MIN GAS TEMP: 076.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 121.6

POST EVACUATION(2) (Loop:11/12) 06/25/2015 03:21:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:07:42	0:00:00	29.1	29.3	30.0	35.7	46.7	119.1	120.2	119.9	117.2	120.3	120.3	118.4	120.5	127.6	128.4	121.6	76.9	88.1	107.7	323.6	588.4	14.4
18:09:42	0:02:00	26.5	26.6	30.0	33.5	44.9	118.1	118.9	118.6	116.8	119.0	118.8	118.0	120.4	127.7	128.2	121.5	76.9	93.9	107.6	323.6	588.5	11.5
18:11:42	0:04:00	23.7	23.8	30.0	32.5	44.1	117.7	118.6	118.1	116.5	118.6	118.4	117.6	120.6	128.0	128.2	121.3	76.8	96.6	107.6	323.6	588.5	9.9
18:13:42	0:06:00	21.0	21.1	30.0	31.6	43.2	117.4	118.3	117.9	116.2	118.4	118.2	117.4	120.3	127.7	128.1	121.2	76.8	98.0	107.6	323.6	588.5	9.9

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/25/2015 03:28:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:14:02	0:06:22	20.5	20.6	30.0	31.6	43.2	117.4	118.3	117.9	116.2	118.4	118.2	117.4	119.9	125.6	128.1	121.1	76.7	98.3	107.6	323.6	588.4	9.9

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.3 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 128.4 MAX GAS TEMP: 077.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.1 MIN GAS TEMP: 076.7
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: -000.1 EO USED CYCLE:019.6 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:12/12) 06/25/2015 03:28:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:14:02	0:00:00	20.5	20.6	30.0	31.6	43.2	117.4	118.3	117.9	116.2	118.4	118.2	117.4	119.9	125.6	128.1	121.1	76.7	98.3	107.6	323.6	588.4	9.9
18:16:02	0:02:00	23.3	23.4	30.0	33.4	44.3	118.6	119.6	119.4	116.8	119.7	119.7	118.1	120.0	125.6	128.0	121.0	76.8	94.7	107.5	323.6	588.5	11.4
18:18:02	0:04:00	26.0	26.1	30.0	34.3	45.1	118.9	119.9	119.8	117.1	120.1	120.1	118.4	120.0	125.8	127.9	120.9	76.7	91.1	107.5	323.6	588.4	12.9
18:20:03	0:06:00	28.6	28.8	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.4	118.5	120.0	125.8	127.7	120.7	76.7	88.4	107.4	323.6	588.5	12.9

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/25/2015 03:34:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:20:26	0:06:24	29.2	29.3	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.3	118.5	119.2	124.3	127.7	120.7	76.7	87.9	107.5	323.6	588.5	12.9

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.4 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 128.1 MAX GAS TEMP: 076.8
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.6 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:12/12) 06/25/2015 03:34:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:20:26	0:00:00	29.2	29.3	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.3	118.5	119.2	124.3	127.7	120.7	76.7	87.9	107.5	323.6	588.5	12.9
18:22:26	0:02:00	26.4	26.6	30.0	33.5	44.9	118.1	118.9	118.5	116.8	119.0	118.8	118.0	119.0	123.8	127.6	120.5	76.6	93.7	107.4	323.6	588.4	9.9
18:24:27	0:04:00	23.7	23.8	30.0	32.1	43.6	117.6	118.5	118.0	116.4	118.6	118.4	117.7	119.0	123.1	127.5	120.4	76.6	96.5	107.4	323.6	588.5	9.9
18:26:27	0:06:00	21.0	21.1	30.0	31.6	43.1	117.5	118.3	117.9	116.2	118.4	118.2	117.4	119.3	123.4	127.4	120.3	76.5	97.9	107.3	323.6	588.5	8.4

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/25/2015 03:40:57

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000297

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033693

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
18:26:47	0:00:00	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.8	116.1	118.3	118.1	117.4	120.1	127.7	127.4	120.2	76.5	97.9	107.3	323.6	588.5	8.5

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.4 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.7 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 120.2

AIR BACKFILL(2) 06/25/2015 03:40:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:26:47	0:00:00	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.8	116.1	118.3	118.1	117.4	120.1	127.7	127.4	120.2	76.5	97.9	107.3	323.6	588.5	8.5
18:27:47	0:01:00	21.9	22.1	30.0	32.5	43.7	118.1	119.1	118.8	116.5	119.2	119.2	117.8	119.9	127.3	127.4	120.2	76.5	96.4	107.3	323.6	588.5	9.9
18:28:48	0:02:00	23.3	23.4	30.0	33.5	44.4	118.5	119.6	119.3	116.8	119.7	119.7	118.1	120.3	127.8	127.4	120.1	76.5	94.4	107.2	323.6	588.5	9.9
18:29:48	0:03:00	24.6	24.7	30.0	33.9	44.7	118.8	119.8	119.6	117.0	119.9	119.9	118.3	120.0	127.5	127.3	120.0	76.5	92.6	107.2	323.6	588.5	11.4
18:30:48	0:04:00	25.9	26.1	30.0	34.4	45.2	118.9	119.8	119.8	117.0	120.1	120.1	118.3	120.3	127.7	127.4	120.0	76.5	90.9	107.2	323.6	588.5	11.5
18:31:48	0:05:00	27.4	27.5	30.0	34.4	44.9	119.1	120.2	120.0	117.1	120.2	120.3	118.3	120.0	127.5	127.3	119.8	76.5	89.5	107.2	323.6	588.5	11.4
18:32:48	0:06:01	28.6	28.8	30.0	34.8	45.5	119.1	120.2	120.0	117.1	120.3	120.4	118.4	120.3	127.7	127.1	119.8	76.4	88.1	107.2	323.6	588.5	11.4

AIR BACKFILL(2) SUMMARY 06/25/2015 03:47:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:33:06	0:06:19	29.2	29.3	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.3	118.4	120.4	126.5	127.0	119.8	76.4	87.8	107.2	323.6	588.5	11.4

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.4 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.4 MAX GAS TEMP: 076.6
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:019.6 MIN VAP TEMP: 119.8

END OF CYCLE 06/25/2015 03:47:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:33:06	0:00:00	29.2	29.3	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.3	118.4	120.4	126.5	127.0	119.8	76.4	87.8	107.2	323.6	588.5	11.4

DRUM 1 EMPTY ALARM RESET 06/25/2015 03:47:15

18:33:06	0:00:00	29.2	29.3	30.0	35.3	46.1	119.1	120.2	120.0	117.2	120.3	120.3	118.4	120.4	126.5	127.0	119.8	76.4	87.8	107.2	323.6	588.5	11.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000298

Aeration Validation

Set "C"

Sterilization Cycle# CB500322

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500322 Load Number: Dunnage Load

Date Cycle Completed: June 29, 2015 Time Cycle Completed: 18:13

Date Aeration Completed: June 30, 2015 Time Aeration Completed: 18:25

Notes: Chamber B (STE14-031), (Set C: 1 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	101.8	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	41	40	70	%
Room RH Max	58	40	70	%
PCR Elapsed Time	60:15	12:00	96:00	Hrs:Min
Load Time	28	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	106	38	390	Minutes
Chamber Moisture Min	56.2	18.3	86.3	mg/L
Chamber Moisture Max	68.0	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	28.1*	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	19.9	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	118.2	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	317.0	200	480	mg/L
Gas Concentration Max	401.5	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.1	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.1	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.1	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.1	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.1	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

		Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.1	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.1	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.1	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.1	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.1	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.1	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.1	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.1	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:00	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	104	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.5	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.1 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [illegible] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 23:00 DATE: 06-26-15
CB500322	CYCLE LOAD TIME: 23:15 DATE: 06-28-15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: AAL

STARTING PCR TEMP: 101.8 STARTING PCR TIME: 11:00 START PCR DATE: 6/26/15

PCR MIN RH: 41 PCR MIN TEMP: 103

PCR MAX RH: 58 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: GB PCR CIRCULATOR RUNNING: [illegible]

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5014050			
STE14-031	6 pallet Residuals (Set C:1 of 3 X)				

CYCLE START TIME: 23:43 CYCLE START DATE: 06-28-15 ETC RUN #: 156

CYCLE END TIME: 18:13 CYCLE END DATE: 06-29-15 PRIMARY START TIME: 18:25

PRIMARY END TIME: 18:25 PRIMARY END DATE: 6/30/15 MIN TEMP: 104 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: 10

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: [signature] Management Review: [signature]

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

COVIDIEN

CHAMBER 103369-3

DATE: 06/28/2015
TIME: 11:43:51 PM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000156

LOAD NUMBER 1: CB500322
LOAD NUMBER 2: 5014050
LOAD NUMBER 3: STE14-031 6 Pallet Residuals
LOAD NUMBER 4: (Set C: 1 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001089

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000306

PHASE 03 STERILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000307

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000308

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000309

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000310

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/28/2015 23:43:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.2	30.3	29.8	46.2	67.2	115.1	116.0	115.4	113.8	116.0	115.5	114.9	119.4	124.1	127.4	121.8	77.4	76.2	107.5	323.6	588.4	0.9
0:01:00	0:01:00	28.9	29.0	29.8	45.7	67.3	114.6	115.5	114.9	113.5	115.5	115.0	114.4	119.3	123.7	127.3	121.7	77.4	84.0	107.5	323.6	588.5	0.9
0:02:00	0:02:00	27.5	27.6	29.8	44.8	66.3	114.4	115.3	114.7	113.3	115.3	114.8	114.1	119.2	124.3	127.3	121.7	77.4	88.6	107.5	323.6	588.5	0.9
0:03:00	0:03:00	26.1	26.2	29.8	43.9	65.3	114.2	115.1	114.5	113.1	115.3	114.8	114.0	119.2	124.9	127.2	121.6	77.4	91.3	107.5	323.6	588.5	0.9
0:04:00	0:04:00	24.8	24.9	29.8	43.4	64.6	114.2	115.1	114.5	113.1	115.1	114.7	114.0	119.2	124.6	127.1	121.6	77.4	93.1	107.5	323.6	588.5	0.9
0:05:00	0:05:00	23.4	23.5	29.8	42.5	63.5	114.1	115.0	114.4	112.9	115.1	114.5	113.9	119.3	124.3	127.0	121.5	77.4	94.4	107.5	323.6	588.5	0.9
0:06:01	0:06:01	22.0	22.1	29.8	41.6	62.1	114.1	115.0	114.4	112.9	115.0	114.4	113.8	119.0	123.9	127.0	121.4	77.3	95.4	107.5	323.6	588.5	0.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000311

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

0:07:01	0:07:01	20.7	20.8	29.8	40.7	61.0	113.9	114.9	114.2	112.7	115.0	114.4	113.8	119.2	124.9	127.0	121.3	77.3	96.2	107.5	323.6	588.5	0.9

INITIAL EVACUATION(1) SUMMARY 06/28/2015 23:51:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:09	0:07:09	20.5	20.6	29.8	40.7	61.0	114.0	114.9	114.3	112.8	115.0	114.4	113.8	119.6	127.1	127.0	121.3	77.3	96.2	107.5	323.6	588.5	0.9

START PRESS: 0030.2 MAX PRESS: 0030.2 MAX TEMP: 116.0 DRM1 START: 323.6 DRM2 START: 588.4 MAX PRE TEMP: 127.4 MAX GAS TEMP: 077.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.9 MIN GAS TEMP: 077.3
PRESS CHANGE: 009.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.3

STABILIZATION 06/28/2015 23:51:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:09	0:00:00	20.5	20.6	29.8	40.7	61.0	114.0	114.9	114.3	112.8	115.0	114.4	113.8	119.6	127.1	127.0	121.3	77.3	96.2	107.5	323.6	588.5	0.9
0:08:09	0:01:00	20.5	20.6	29.8	41.2	60.8	114.5	115.5	114.8	113.2	115.5	115.0	114.3	119.9	127.5	127.0	121.3	77.3	94.5	107.5	323.6	588.5	0.9
0:09:09	0:02:00	20.5	20.6	29.8	42.1	61.6	114.8	115.8	115.2	113.5	115.9	115.4	114.7	119.8	127.3	126.9	121.2	77.3	92.6	107.5	323.6	588.5	0.9
0:10:10	0:03:00	20.6	20.7	29.8	42.5	61.9	115.0	116.0	115.4	113.8	116.0	115.5	114.8	119.4	126.2	126.8	121.1	77.3	90.8	107.4	323.6	588.5	0.9
0:11:10	0:04:00	20.6	20.7	29.8	43.0	62.3	115.2	116.2	115.5	113.8	116.2	115.8	115.0	119.2	125.5	126.6	121.0	77.3	89.2	107.4	323.6	588.5	0.9
0:12:10	0:05:00	20.6	20.7	29.8	43.4	62.9	115.2	116.2	115.6	113.8	116.2	115.9	115.1	119.6	127.1	126.8	120.9	77.2	87.9	107.5	323.6	588.5	0.9
0:13:10	0:06:00	20.6	20.7	29.8	43.9	63.4	115.3	116.3	115.7	114.1	116.4	115.9	115.3	119.9	127.6	126.7	120.9	77.3	86.6	107.4	323.6	588.5	0.9
0:14:10	0:07:01	20.6	20.7	29.8	44.4	63.9	115.4	116.4	115.7	114.2	116.4	115.9	115.3	119.8	127.4	126.6	120.9	77.3	85.5	107.4	323.6	588.5	0.9
0:15:10	0:08:01	20.6	20.7	29.8	44.8	64.4	115.5	116.5	115.8	114.3	116.5	116.1	115.4	119.6	126.9	126.6	120.8	77.2	84.5	107.4	323.6	588.5	0.9
0:16:10	0:09:01	20.6	20.7	29.8	44.8	64.2	115.6	116.6	115.9	114.4	116.6	116.2	115.5	120.1	127.8	126.5	120.7	77.2	83.6	107.3	323.6	588.5	0.9

STABILIZATION SUMMARY 06/29/2015 00:01:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:09	0:10:00	20.6	20.8	29.8	45.3	64.9	115.6	116.6	115.9	114.4	116.6	116.2	115.5	120.3	128.0	126.6	120.6	77.2	82.9	107.4	323.6	588.5	0.9

START PRESS: 0020.5 MAX PRESS: 0020.6 MAX TEMP: 116.6 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 127.0 MAX GAS TEMP: 077.3
END PRESS: 0020.6 MIN PRESS: 0020.5 MIN TEMP: 113.7 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.5 MIN GAS TEMP: 077.2
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

LEAK CHECK 06/29/2015 00:01:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:09	0:00:00	20.6	20.8	29.8	45.3	64.9	115.6	116.6	115.9	114.4	116.6	116.2	115.5	120.3	128.0	126.6	120.6	77.2	82.9	107.4	323.6	588.5	0.9
0:18:09	0:01:00	20.7	20.8	29.8	45.7	65.4	115.7	116.7	116.0	114.4	116.7	116.3	115.6	120.3	128.0	126.5	120.5	77.2	82.2	107.4	323.6	588.5	0.9
0:19:10	0:02:00	20.7	20.8	29.8	45.7	65.2	115.8	116.8	116.1	114.5	116.7	116.3	115.7	119.8	127.4	126.4	120.5	77.2	81.4	107.3	323.6	588.5	0.9
0:20:10	0:03:00	20.7	20.8	29.8	46.2	65.7	115.9	116.8	116.2	114.6	116.8	116.4	115.8	120.3	127.8	126.4	120.4	77.2	80.9	107.3	323.6	588.5	0.9
0:21:10	0:04:00	20.7	20.8	29.8	46.6	66.3	115.9	116.9	116.2	114.6	116.9	116.4	115.8	120.4	128.0	126.3	120.3	77.2	80.4	107.3	323.6	588.5	0.9

LEAK CHECK SUMMARY 06/29/2015 00:06:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:09	0:05:00	20.7	20.8	29.8	47.1	66.9	115.9	116.9	116.2	114.7	116.9	116.4	115.9	120.1	127.7	126.4	120.2	77.1	80.0	107.3	323.6	588.5	0.9

START PRESS: 0020.6 MAX PRESS: 0020.7 MAX TEMP: 117.0 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 126.6 MAX GAS TEMP: 077.2
END PRESS: 0020.7 MIN PRESS: 0020.6 MIN TEMP: 115.5 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.3 MIN GAS TEMP: 077.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000312

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 120.2

INITIAL N2 WASH(1) (Loop:1/5) 06/29/2015 00:06:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:09	0:00:00	20.7	20.8	29.8	47.1	66.9	115.9	116.9	116.2	114.7	116.9	116.4	115.9	120.1	127.7	126.4	120.2	77.1	80.0	107.3	323.6	588.5	0.9
0:23:10	0:01:00	22.1	22.2	29.8	48.4	67.9	116.4	117.4	116.7	115.2	117.3	117.0	116.4	120.3	127.6	126.3	120.2	90.8	79.6	107.3	323.6	588.5	0.9
0:24:10	0:02:00	23.4	23.5	29.8	49.3	68.7	116.7	117.6	117.0	115.5	117.7	117.4	116.8	120.4	127.6	126.3	120.0	103.2	79.3	107.3	323.6	588.5	0.9
0:25:10	0:03:00	24.8	24.9	29.8	49.3	68.4	116.9	117.8	117.2	115.7	117.8	117.5	116.9	120.5	128.1	126.2	119.8	108.2	79.0	107.2	323.6	588.5	0.9
0:26:10	0:04:00	26.1	26.2	29.8	49.8	68.8	117.0	117.8	117.3	115.8	118.0	117.6	117.1	120.3	127.7	126.0	119.8	110.0	78.8	107.3	323.6	588.4	0.9
0:27:10	0:05:00	27.5	27.6	29.8	49.8	68.5	117.1	118.0	117.4	116.1	118.1	117.8	117.3	120.3	127.6	126.1	119.7	110.8	78.6	107.3	323.6	588.5	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/29/2015 00:11:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:10	0:05:01	27.5	27.6	29.8	49.8	68.5	117.1	118.0	117.4	116.1	118.1	117.7	117.3	120.3	127.6	126.1	119.7	110.8	78.6	107.3	323.6	588.5	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 126.4 MAX GAS TEMP: 110.8
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.9 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 126.0 MIN GAS TEMP: 077.1
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 119.7

INITIAL EVACUATION(2) (Loop:1/5) 06/29/2015 00:11:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:10	0:00:00	27.5	27.6	29.8	49.8	68.5	117.1	118.0	117.4	116.1	118.1	117.7	117.3	120.3	127.6	126.1	119.7	110.8	78.6	107.3	323.6	588.5	0.9
0:28:10	0:01:00	26.2	26.3	29.8	47.5	66.9	116.3	117.1	116.5	115.2	117.2	116.8	116.4	120.4	127.9	126.0	119.5	108.0	85.4	107.2	323.6	588.5	0.9
0:29:10	0:02:00	24.8	24.9	29.8	45.7	65.2	115.8	116.7	116.0	114.7	116.7	116.3	115.8	120.3	127.7	126.0	119.5	104.5	89.8	107.2	323.6	588.5	0.9
0:30:11	0:03:00	23.4	23.5	29.8	43.9	63.0	115.6	116.4	115.8	114.5	116.4	115.9	115.6	120.4	127.8	125.9	119.3	101.3	92.1	107.2	323.6	588.5	0.9
0:31:11	0:04:00	22.0	22.1	29.8	43.0	62.0	115.4	116.3	115.6	114.4	116.3	115.8	115.4	120.4	128.1	125.8	119.3	98.5	93.9	107.2	323.6	588.5	0.9
0:32:11	0:05:00	20.7	20.8	29.8	41.6	60.1	115.3	116.2	115.5	114.3	116.2	115.7	115.3	120.1	127.7	125.8	119.3	96.1	95.0	107.2	323.6	588.5	0.8

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/29/2015 00:16:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:21	0:05:10	20.5	20.6	29.8	41.6	60.2	115.3	116.2	115.5	114.2	116.2	115.7	115.3	120.3	127.3	125.8	119.3	95.8	95.2	107.2	323.6	588.5	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 126.1 MAX GAS TEMP: 110.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.8 MIN GAS TEMP: 095.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:2/5) 06/29/2015 00:16:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:21	0:00:00	20.5	20.6	29.8	41.6	60.2	115.3	116.2	115.5	114.2	116.2	115.7	115.3	120.3	127.3	125.8	119.3	95.8	95.2	107.2	323.6	588.5	0.9
0:33:21	0:01:00	21.8	21.9	29.8	43.0	60.8	116.1	116.9	116.4	114.9	117.1	116.7	116.2	120.4	127.4	125.8	119.2	100.3	93.6	107.2	323.6	588.5	0.9
0:34:21	0:02:00	23.2	23.3	29.8	43.9	61.1	116.7	117.6	117.0	115.5	117.6	117.3	116.8	120.3	127.0	125.7	119.2	106.5	91.7	107.2	323.6	588.5	0.9
0:35:21	0:03:00	24.5	24.7	29.8	44.3	61.4	116.9	117.8	117.2	115.8	117.9	117.5	117.1	120.3	126.7	125.6	122.3	110.2	90.0	107.6	323.6	588.5	0.9
0:36:21	0:04:00	25.9	26.0	29.8	44.8	61.6	117.1	118.0	117.4	116.1	118.1	117.7	117.3	120.4	127.2	125.6	122.1	112.2	88.5	107.5	323.6	588.5	0.9
0:37:21	0:05:00	27.3	27.4	29.8	45.3	61.9	117.3	118.2	117.6	116.3	118.2	117.8	117.5	120.3	126.8	125.6	122.0	113.0	87.2	107.5	323.6	588.5	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/29/2015 00:21:21

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000313

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
0:37:31	0:05:10	27.5	27.6	29.8	45.3	62.1	117.3	118.1	117.5	116.3	118.2	117.8	117.5	119.8	125.3	125.6	122.0	113.0	86.9	107.5	323.6	588.5	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.8 MAX GAS TEMP: 113.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.5 MIN GAS TEMP: 095.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:2/5) 06/29/2015 00:21:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:31	0:00:00	27.5	27.6	29.8	45.3	62.1	117.3	118.1	117.5	116.3	118.2	117.8	117.5	119.8	125.3	125.6	122.0	113.0	86.9	107.5	323.6	588.5	0.9
0:38:31	0:01:00	26.1	26.3	29.8	43.4	60.8	116.5	117.4	116.7	115.5	117.3	116.9	116.6	119.9	125.3	125.6	121.9	110.5	90.6	107.5	323.6	588.5	0.9
0:39:31	0:02:00	24.8	24.9	29.8	42.1	59.6	116.0	116.9	116.2	115.0	116.9	116.4	116.1	120.0	125.5	125.6	121.8	107.0	93.1	107.5	323.6	588.5	0.8
0:40:31	0:03:00	23.4	23.5	29.8	40.7	58.2	115.7	116.6	115.9	114.7	116.6	116.2	115.8	119.8	125.5	125.5	121.8	103.8	94.7	107.5	323.6	588.5	0.9
0:41:31	0:04:00	22.1	22.2	29.8	39.8	57.0	115.6	116.5	115.8	114.6	116.4	115.9	115.6	119.9	125.6	125.3	121.7	101.0	95.7	107.4	323.6	588.5	0.9
0:42:31	0:05:00	20.7	20.8	29.8	38.9	56.0	115.4	116.3	115.6	114.4	116.3	115.9	115.5	120.1	125.9	125.4	121.6	98.5	96.6	107.4	323.6	588.5	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/29/2015 00:26:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:40	0:05:09	20.5	20.6	29.8	38.9	56.0	115.5	116.3	115.7	114.4	116.3	115.9	115.5	119.6	124.3	125.4	121.6	98.1	96.7	107.5	323.6	588.5	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.7 MAX GAS TEMP: 113.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.3 MIN GAS TEMP: 098.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL N2 WASH(1) (Loop:3/5) 06/29/2015 00:26:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:40	0:00:00	20.5	20.6	29.8	38.9	56.0	115.5	116.3	115.7	114.4	116.3	115.9	115.5	119.6	124.3	125.4	121.6	98.1	96.7	107.5	323.6	588.5	0.9
0:43:40	0:01:00	21.8	21.9	29.8	40.3	56.6	116.3	117.2	116.6	115.2	117.3	116.9	116.4	119.6	124.4	125.3	121.5	102.2	95.1	107.4	323.6	588.5	0.9
0:44:40	0:02:00	23.2	23.3	29.8	41.6	57.6	116.9	117.8	117.2	115.8	117.8	117.5	117.0	119.6	124.4	125.1	121.3	108.5	93.3	107.4	323.6	588.5	0.8
0:45:40	0:03:00	24.6	24.7	29.8	42.1	57.8	117.2	118.0	117.5	116.1	118.1	117.8	117.4	119.6	124.0	125.0	121.2	111.4	91.5	107.4	323.6	588.5	0.8
0:46:40	0:04:00	25.9	26.0	29.8	42.5	58.2	117.3	118.2	117.6	116.3	118.2	117.9	117.5	119.6	124.4	125.1	121.1	112.4	90.0	107.4	323.6	588.5	0.9
0:47:41	0:05:00	27.3	27.4	29.7	42.5	58.0	117.5	118.3	117.7	116.5	118.3	118.0	117.7	119.6	124.6	125.0	121.0	112.7	88.6	107.4	323.6	588.5	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/29/2015 00:31:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:49	0:05:08	27.5	27.6	29.8	42.5	58.0	117.5	118.3	117.7	116.5	118.4	118.0	117.8	119.3	123.8	125.0	121.0	112.8	88.5	107.4	323.6	588.5	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.4 MAX GAS TEMP: 112.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.0 MIN GAS TEMP: 097.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.9

INITIAL EVACUATION(2) (Loop:3/5) 06/29/2015 00:31:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000314

0:47:49	0:00:00	27.5	27.6	29.8	42.5	58.0	117.5	118.3	117.7	116.5	118.4	118.0	117.8	119.3	123.8	125.0	121.0	112.8	88.5	107.4	323.6	588.5	0.9
0:48:49	0:01:00	26.2	26.3	29.8	41.2	57.4	116.6	117.4	116.8	115.7	117.5	117.1	116.9	119.2	123.2	124.9	120.9	110.4	91.5	107.4	323.6	588.5	0.9
0:49:49	0:02:00	24.8	24.9	29.8	39.8	56.2	116.2	116.9	116.3	115.2	117.0	116.4	116.3	119.2	123.9	124.9	120.8	107.1	94.0	107.4	323.6	588.5	0.9
0:50:49	0:03:00	23.4	23.5	29.8	38.9	55.2	116.0	116.8	116.1	115.0	116.8	116.4	116.1	119.4	123.7	124.8	120.8	104.1	95.3	107.4	323.6	588.5	0.9
0:51:49	0:04:00	22.0	22.1	29.8	38.0	54.2	115.8	116.6	115.9	114.8	116.6	116.2	115.9	119.3	123.3	124.7	120.7	101.4	96.4	107.4	323.6	588.5	0.9
0:52:50	0:05:00	20.7	20.8	29.8	37.1	53.0	115.7	116.5	115.9	114.7	116.5	116.1	115.8	119.4	123.9	124.7	120.6	99.0	97.2	107.4	323.6	588.5	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/29/2015 00:36:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:59	0:05:10	20.5	20.6	29.8	36.9	52.9	115.6	116.5	115.8	114.6	116.6	116.1	115.8	119.2	125.0	124.7	120.6	98.7	97.2	107.3	323.6	588.5	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.0 MAX GAS TEMP: 112.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.6 MIN GAS TEMP: 098.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL N2 WASH(1) (Loop:4/5) 06/29/2015 00:36:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:00	0:00:00	20.5	20.6	29.8	36.9	52.9	115.6	116.5	115.8	114.6	116.6	116.1	115.8	119.2	125.0	124.7	120.6	98.7	97.2	107.3	323.6	588.5	0.8
0:54:00	0:01:00	21.8	21.9	29.8	38.9	54.5	116.5	117.4	116.7	115.4	117.5	117.1	116.7	119.2	123.8	124.6	120.4	102.2	95.7	107.3	323.6	588.5	0.9
0:55:00	0:02:00	23.2	23.3	29.8	39.8	54.8	117.1	118.0	117.3	116.0	118.0	117.7	117.3	118.9	123.4	124.6	120.4	108.2	93.9	107.3	323.6	588.5	0.9
0:56:00	0:03:00	24.5	24.6	29.8	40.3	55.1	117.3	118.2	117.6	116.3	118.2	117.9	117.6	119.2	124.3	124.5	120.2	110.8	92.1	107.3	323.6	588.5	0.9
0:57:00	0:04:00	25.9	26.0	29.8	40.7	55.4	117.6	118.3	117.8	116.6	118.4	118.0	117.8	119.3	124.0	124.4	120.2	111.8	90.6	107.3	323.6	588.5	0.9
0:58:00	0:05:00	27.3	27.4	29.8	41.2	55.9	117.7	118.5	117.9	116.7	118.5	118.2	118.0	118.9	123.6	124.4	119.8	112.1	89.4	107.3	323.6	588.5	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/29/2015 00:42:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:05:11	27.5	27.6	29.8	41.1	55.8	117.7	118.5	117.9	116.7	118.5	118.2	118.0	119.4	126.3	124.3	119.8	112.1	89.1	107.3	323.6	588.5	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.3 MIN GAS TEMP: 098.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:4/5) 06/29/2015 00:42:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:00:00	27.5	27.6	29.8	41.1	55.8	117.7	118.5	117.9	116.7	118.5	118.2	118.0	119.4	126.3	124.3	119.8	112.1	89.1	107.3	323.6	588.5	0.9
0:59:11	0:01:00	26.2	26.3	29.8	39.8	55.3	116.8	117.6	116.9	115.9	117.6	117.2	117.0	119.8	127.2	124.3	119.8	109.8	92.1	107.3	323.6	588.4	0.6
1:00:11	0:02:00	24.8	24.9	29.8	38.4	54.1	116.3	117.1	116.4	115.3	117.1	116.7	116.5	119.6	126.5	124.3	119.8	106.7	94.5	107.3	323.6	588.5	0.8
1:01:11	0:03:00	23.4	23.5	29.8	37.1	52.5	116.1	116.9	116.2	115.1	116.9	116.4	116.2	119.6	126.7	124.2	119.7	103.9	95.8	107.3	323.6	588.5	0.9
1:02:11	0:04:00	22.1	22.2	29.8	36.2	51.5	115.9	116.7	116.0	114.9	116.7	116.3	116.1	119.4	126.2	124.2	119.6	101.3	96.7	107.3	323.6	588.5	0.9
1:03:11	0:05:00	20.7	20.8	29.8	35.7	51.0	115.7	116.6	115.9	114.7	116.6	116.2	115.9	119.8	127.1	124.2	119.5	99.0	97.4	107.2	323.6	588.5	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/29/2015 00:47:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:18	0:05:28	20.5	20.6	29.8	35.7	51.0	115.8	116.6	115.9	114.8	116.6	116.1	115.9	120.3	128.0	124.2	119.6	98.8	97.5	107.3	323.6	588.5	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 124.4 MAX GAS TEMP: 112.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000315

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.1 MIN GAS TEMP: 098.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.5

INITIAL N2 WASH(1) (Loop:5/5) 06/29/2015 00:47:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:18	0:00:00	20.5	20.6	29.8	35.7	51.0	115.8	116.6	115.9	114.8	116.6	116.1	115.9	120.3	128.0	124.2	119.6	98.8	97.5	107.3	323.6	588.5	0.8
1:04:18	0:01:00	21.8	21.9	29.8	37.1	51.7	116.6	117.4	116.9	115.6	117.5	117.2	116.8	120.3	127.7	124.1	119.5	101.9	96.0	107.2	323.6	588.5	0.9
1:05:19	0:02:00	23.2	23.3	29.8	38.5	52.9	117.1	118.0	117.4	116.1	118.1	117.7	117.4	120.3	127.9	124.8	119.3	107.5	94.2	107.2	323.6	588.5	0.9
1:06:19	0:03:00	24.6	24.7	29.8	38.9	53.1	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.3	127.8	129.1	119.2	110.0	92.6	107.2	323.6	588.5	0.9
1:07:19	0:04:00	25.9	26.0	29.8	39.3	53.5	117.6	118.3	117.8	116.6	118.5	118.1	117.9	119.9	127.4	129.0	119.1	111.0	90.9	107.2	323.6	588.5	0.9
1:08:19	0:05:00	27.3	27.4	29.8	39.8	53.9	117.7	118.6	117.9	116.8	118.6	118.2	118.1	120.3	127.8	128.7	122.2	111.7	89.6	108.2	323.6	588.5	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/29/2015 00:52:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:28	0:05:10	27.5	27.6	29.8	39.8	53.9	117.7	118.6	117.9	116.8	118.6	118.3	118.1	120.4	127.3	128.8	122.3	112.0	89.5	107.9	323.6	588.5	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.2 MAX GAS TEMP: 112.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:5/5) 06/29/2015 00:52:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:28	0:00:00	27.5	27.6	29.8	39.8	53.9	117.7	118.6	117.9	116.8	118.6	118.3	118.1	120.4	127.3	128.8	122.3	112.0	89.5	107.9	323.6	588.5	0.9
1:09:29	0:01:00	26.1	26.3	29.8	38.5	53.3	116.9	117.7	117.0	116.0	117.8	117.3	117.2	120.5	128.0	128.6	122.2	110.0	92.1	107.5	323.6	588.5	0.9
1:10:29	0:02:00	24.8	24.9	29.8	37.1	52.0	116.4	117.2	116.6	115.5	117.2	116.8	116.7	120.3	127.7	128.7	122.2	107.0	94.4	107.5	323.6	588.5	0.9
1:11:29	0:03:00	23.4	23.5	29.8	36.2	51.0	116.2	117.1	116.3	115.3	117.0	116.6	116.4	120.4	127.9	128.8	122.1	104.1	95.8	107.5	323.6	588.5	0.9
1:12:29	0:04:00	22.1	22.2	29.8	35.3	49.9	116.1	116.9	116.2	115.1	116.8	116.3	116.2	120.3	127.7	128.7	122.1	101.6	96.6	107.5	323.6	588.5	0.9
1:13:29	0:05:00	20.7	20.8	29.8	34.8	49.5	115.9	116.7	116.0	114.9	116.7	116.3	116.1	120.4	127.8	128.7	122.0	99.2	97.4	107.5	323.6	588.5	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/29/2015 00:57:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:37	0:05:08	20.5	20.6	29.8	34.8	49.5	115.9	116.7	116.0	114.9	116.7	116.2	116.0	120.3	127.0	128.7	122.0	98.9	97.5	107.5	323.6	588.5	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.8 MAX GAS TEMP: 112.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.0 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.6 MIN GAS TEMP: 098.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: -000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 121.9

HUMIDIFICATION(1) 06/29/2015 00:57:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:37	0:00:00	20.5	20.6	29.8	34.8	49.5	115.9	116.7	116.0	114.9	116.7	116.2	116.0	120.3	127.0	128.7	122.0	98.9	97.5	107.5	323.6	588.5	0.8
1:14:37	0:01:00	20.6	20.7	29.8	36.2	50.8	116.3	116.9	116.6	115.5	117.0	117.0	116.8	119.9	126.0	128.7	121.9	97.0	96.0	107.6	323.6	588.5	0.9
1:15:37	0:02:00	20.9	21.0	29.8	42.1	58.7	116.7	117.1	117.0	115.9	117.1	117.3	117.2	119.9	126.0	128.6	121.8	95.2	94.1	107.5	323.6	588.5	0.9
1:16:37	0:03:00	21.0	21.1	29.8	49.3	68.3	116.9	117.2	117.4	116.2	117.2	117.6	117.5	120.0	126.0	128.5	121.8	93.6	92.3	107.5	323.6	588.5	0.9
1:17:37	0:04:00	21.2	21.3	29.8	56.2	77.3	117.1	117.4	117.6	116.5	117.4	117.9	117.8	118.4	121.0	128.4	121.6	92.1	90.8	107.5	323.6	588.5	0.8

HUMIDIFICATION(1) SUMMARY 06/29/2015 01:01:30

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000316

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:39	0:04:02	21.2	21.3	29.8	56.2	77.3	117.1	117.4	117.6	116.5	117.5	117.9	117.8	118.4	120.9	128.4	121.6	92.1	90.8	107.4	323.6	588.5	0.8

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.0 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.7 MAX GAS TEMP: 098.9
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 116.0 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 128.4 MIN GAS TEMP: 092.1
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 122.0
EO USED PHASE: 000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

HUMIDIFICATION DWELL(1) 06/29/2015 01:01:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:39	0:00:00	21.2	21.3	29.8	56.2	77.3	117.1	117.4	117.6	116.5	117.5	117.9	117.8	118.4	120.9	128.4	121.6	92.1	90.8	107.4	323.6	588.5	0.8
1:19:39	0:02:00	21.3	21.4	29.8	66.2	90.3	117.5	117.7	118.0	116.8	117.7	118.2	118.1	118.6	121.4	128.4	132.4	89.7	88.3	109.2	323.6	588.5	0.9
1:21:40	0:04:00	21.3	21.4	29.8	68.0	92.9	117.4	117.7	117.9	116.7	117.8	118.2	118.0	118.3	121.4	128.3	132.1	87.8	86.1	108.8	323.6	588.5	0.9
1:23:40	0:06:00	21.2	21.3	29.8	67.5	92.3	117.4	117.8	117.9	116.6	117.8	118.2	118.0	118.3	121.2	128.1	132.1	86.2	84.4	108.8	323.6	588.5	0.9
1:25:40	0:08:00	21.2	21.3	29.8	66.6	91.0	117.4	117.8	117.9	116.6	117.8	118.1	117.9	118.3	121.1	128.1	131.8	84.9	83.0	108.9	323.6	588.5	0.8
1:27:40	0:10:00	21.2	21.3	29.8	66.2	90.5	117.4	117.8	117.9	116.5	117.9	118.2	118.0	118.1	120.7	128.0	131.6	83.9	81.8	108.9	323.6	588.5	0.9
1:29:40	0:12:00	21.2	21.3	29.8	65.3	89.3	117.4	117.8	117.8	116.5	117.9	118.1	117.9	117.8	121.2	128.0	131.4	83.0	80.9	108.9	323.6	588.5	0.9
1:31:40	0:14:01	21.1	21.3	29.8	64.3	88.0	117.4	117.8	117.8	116.5	117.9	118.1	117.8	118.7	124.7	127.8	131.2	82.3	80.1	109.0	323.6	588.5	0.9
1:33:40	0:16:01	21.1	21.3	29.8	63.9	87.3	117.4	118.0	117.8	116.5	118.0	118.1	117.8	119.6	126.9	127.7	131.1	81.7	79.6	109.1	323.6	588.5	0.9
1:35:40	0:18:01	21.1	21.2	29.8	63.0	86.1	117.4	118.0	117.8	116.5	118.0	118.1	117.8	119.8	126.3	127.7	130.8	81.1	79.1	109.1	323.6	588.5	0.8
1:37:40	0:20:01	21.1	21.2	29.8	63.0	86.0	117.4	118.0	117.8	116.5	118.0	118.1	117.8	119.6	125.3	127.5	130.6	80.7	78.6	109.1	323.6	588.5	0.9
1:39:41	0:22:01	21.1	21.2	29.8	62.5	85.3	117.4	118.1	117.8	116.5	118.1	118.1	117.8	119.2	124.0	127.3	130.5	80.4	78.3	109.1	323.6	588.5	0.9
1:41:41	0:24:01	21.1	21.2	29.8	62.1	84.8	117.4	118.0	117.8	116.5	118.1	118.1	117.9	118.8	123.0	127.3	130.2	79.9	78.0	109.2	323.6	588.5	0.8
1:43:41	0:26:01	21.1	21.2	29.8	61.6	84.1	117.4	118.1	117.8	116.5	118.1	118.1	117.8	118.6	122.1	127.0	130.1	79.7	77.7	109.1	323.6	588.5	0.9
1:45:41	0:28:01	21.1	21.2	29.8	61.6	84.1	117.4	118.1	117.8	116.5	118.1	118.1	117.8	118.3	121.5	127.0	129.9	79.4	77.5	109.1	323.6	588.5	0.8
1:47:41	0:30:02	21.1	21.2	29.8	61.2	83.5	117.4	118.1	117.8	116.5	118.1	118.1	117.8	118.1	120.8	126.8	129.7	79.2	77.4	109.1	323.6	588.5	0.8
1:49:41	0:32:02	21.1	21.2	29.8	60.7	82.9	117.4	118.1	117.8	116.5	118.2	118.1	117.8	118.0	120.9	126.7	129.6	79.1	77.3	109.1	323.6	588.5	0.8
1:51:41	0:34:02	21.1	21.2	29.8	60.7	82.9	117.4	118.1	117.8	116.5	118.1	118.1	117.8	118.8	125.2	126.6	129.3	78.9	77.1	109.1	323.6	588.5	0.8
1:53:41	0:36:02	21.1	21.2	29.8	60.3	82.3	117.4	118.1	117.8	116.5	118.2	118.1	117.8	119.6	127.1	126.6	129.2	78.7	77.0	109.2	323.6	588.5	0.9
1:55:41	0:38:02	21.1	21.2	29.8	60.3	82.3	117.4	118.1	117.7	116.5	118.1	118.0	117.8	119.9	126.5	126.4	129.0	78.6	76.8	109.1	323.6	588.5	0.8
1:57:42	0:40:02	21.1	21.2	29.8	59.8	81.6	117.4	118.1	117.8	116.5	118.2	118.1	117.9	119.4	125.0	126.3	132.1	78.4	76.8	109.5	323.6	588.5	0.8
1:59:42	0:42:02	21.1	21.2	29.8	59.8	81.6	117.5	118.2	117.8	116.5	118.2	118.1	117.8	118.9	123.6	126.2	131.9	78.2	76.6	109.4	323.6	588.4	0.9
2:01:42	0:44:02	21.1	21.2	29.8	59.4	81.0	117.5	118.2	117.8	116.5	118.3	118.1	117.9	118.7	122.5	126.1	131.9	78.1	76.6	109.6	323.6	588.5	0.5
2:03:42	0:46:03	21.1	21.2	29.8	59.3	80.9	117.5	118.2	117.8	116.5	118.2	118.1	117.8	118.3	121.7	126.0	131.6	78.0	76.4	109.5	323.6	588.5	0.8
2:05:42	0:48:03	21.1	21.2	29.8	58.9	80.3	117.5	118.2	117.8	116.5	118.2	118.1	117.8	118.1	120.9	126.0	131.4	77.8	76.3	109.5	323.6	588.5	0.8
2:07:42	0:50:03	21.1	21.2	29.8	58.9	80.4	117.4	118.2	117.8	116.4	118.3	118.1	117.9	117.8	120.9	125.9	131.2	77.7	76.3	109.6	323.6	588.5	0.8
2:09:42	0:52:03	21.1	21.2	29.8	58.9	80.3	117.5	118.3	117.8	116.5	118.2	118.1	117.8	118.9	125.3	125.8	131.1	77.7	76.0	109.5	323.6	588.5	0.9
2:11:42	0:54:03	21.1	21.2	29.8	58.9	80.3	117.5	118.2	117.8	116.5	118.3	118.1	117.9	119.8	127.1	125.7	130.8	77.5	76.0	109.5	323.6	588.5	0.8
2:13:43	0:56:03	21.1	21.2	29.8	58.9	80.1	117.6	118.3	117.9	116.6	118.3	118.2	118.0	119.8	126.3	125.6	130.7	77.5	75.9	109.4	323.6	588.5	0.8
2:15:43	0:58:03	21.1	21.2	29.8	58.5	79.7	117.5	118.3	117.8	116.5	118.2	118.1	117.8	119.6	125.4	125.7	130.5	77.4	75.9	109.4	323.6	588.5	0.9

HUMIDIFICATION DWELL(1) SUMMARY 06/29/2015 02:01:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:39	1:00:00	21.1	21.2	29.8	58.4	79.6	117.5	118.3	117.8	116.5	118.3	118.1	117.9	119.2	124.4	125.5	130.3	77.4	76.0	109.5	323.6	588.5	0.8

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.4 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 128.4 MAX GAS TEMP: 092.1
END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.4 DRM1 END: 323.6 DRM2 END: 588.4 MIN PRE TEMP: 125.4 MIN GAS TEMP: 077.4
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL EVACUATION(3) 06/29/2015 02:01:30

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000317

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:40	0:00:00	21.1	21.2	29.8	58.4	79.6	117.5	118.3	117.8	116.5	118.3	118.1	117.9	119.2	124.4	125.5	130.3	77.4	76.0	109.5	323.6	588.5	0.8

INITIAL EVACUATION(3) SUMMARY 06/29/2015 02:02:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:09	0:00:30	20.5	20.6	29.8	58.0	79.5	117.3	118.0	117.6	116.3	118.1	117.9	117.6	120.0	127.9	125.5	130.2	77.4	81.8	109.4	323.6	588.5	0.9

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.3 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 125.5 MAX GAS TEMP: 077.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.6 DRM2 END: 588.5 MIN PRE TEMP: 125.5 MIN GAS TEMP: 077.4
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.2

STERILANT INJECTION(1) 06/29/2015 02:02:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:10	0:00:00	20.5	20.6	29.8	58.0	79.5	117.3	118.0	117.6	116.3	118.1	117.9	117.6	120.0	127.9	125.5	130.2	77.4	81.8	109.4	323.6	588.5	0.9
2:19:10	0:01:00	21.2	21.3	29.8	58.0	79.1	117.5	118.2	117.8	116.5	118.3	118.2	117.8	118.4	121.8	125.5	129.4	108.5	81.1	109.4	323.6	580.0	0.9
2:20:10	0:02:00	21.9	22.0	29.8	60.7	82.5	117.6	118.3	118.0	116.6	118.3	118.3	118.0	119.9	127.6	125.3	131.1	110.4	80.1	111.0	323.6	580.0	37.0
2:21:10	0:03:00	22.5	22.7	29.8	63.0	85.6	117.6	118.2	118.0	116.6	118.2	118.2	117.9	118.4	121.9	125.2	131.2	117.7	79.6	109.8	323.6	580.0	88.1
2:22:10	0:04:00	23.2	23.3	29.8	65.2	88.9	117.5	118.1	117.9	116.6	118.2	118.2	117.9	120.0	127.6	125.0	130.0	112.1	79.1	109.6	323.6	580.0	143.8
2:23:10	0:05:00	23.9	24.0	29.8	67.5	92.0	117.5	118.1	117.9	116.6	118.2	118.2	117.9	118.3	121.7	124.9	129.0	110.9	78.7	109.5	323.6	580.0	198.0
2:24:10	0:06:01	24.6	24.7	29.8	69.8	95.2	117.5	118.1	117.8	116.6	118.1	118.2	117.9	120.0	127.5	124.7	131.9	112.6	78.5	110.6	323.6	578.7	253.3
2:25:10	0:07:01	25.3	25.4	29.8	71.1	96.8	117.5	118.1	117.9	116.7	118.2	118.2	118.0	118.3	121.5	124.5	131.1	115.7	78.2	109.8	323.5	573.3	306.6
2:26:10	0:08:01	26.0	26.1	29.8	72.9	99.0	117.7	118.3	118.0	116.8	118.3	118.3	118.1	120.0	127.4	124.3	129.8	111.9	77.9	109.7	323.5	572.1	360.8
2:27:10	0:09:01	26.6	26.8	29.8	74.8	100.0	117.7	118.3	118.0	116.9	118.4	118.3	118.1	118.3	121.3	124.1	128.9	108.6	77.8	109.7	323.5	572.1	416.5
2:28:11	0:10:01	27.4	27.5	29.8	76.6	100.0	117.8	118.3	118.1	117.0	118.3	118.3	118.1	120.0	127.3	126.3	131.6	116.2	77.6	110.3	323.5	572.1	469.4
2:29:11	0:11:01	28.0	28.1	29.8	78.4	100.0	117.8	118.3	118.0	117.0	118.4	118.4	118.2	118.2	121.2	129.0	130.6	116.9	77.4	109.9	323.5	569.5	523.6

STERILANT INJECTION(1) SUMMARY 06/29/2015 02:13:17

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:26	0:11:17	28.0	28.1	29.8	78.4	100.0	117.7	118.3	118.0	117.0	118.4	118.3	118.2	118.0	120.4	128.9	130.5	116.9	77.4	109.8	323.5	568.7	536.8

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.5 DRM1 START: 323.6 DRM2 START: 588.5 MAX PRE TEMP: 129.1 MAX GAS TEMP: 118.6
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 323.5 DRM2 END: 568.7 MIN PRE TEMP: 123.0 MIN GAS TEMP: 107.5
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 019.8 MAX VAP TEMP: 131.9
EO USED PHASE: 019.9 EO USED CYCLE:019.9 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/29/2015 02:13:17

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:26	0:00:00	28.0	28.1	29.8	78.4	100.0	117.7	118.3	118.0	117.0	118.4	118.3	118.2	118.0	120.4	128.9	130.5	116.9	77.4	109.8	323.5	568.7	536.8
2:30:26	0:01:00	28.7	28.8	29.8	79.3	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.3	124.7	128.4	130.2	117.0	77.3	109.9	323.5	568.6	576.5

N2 BLANKET(1) SUMMARY 06/29/2015 02:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:56	0:01:30	29.0	29.1	29.8	80.2	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.5	118.4	121.9	128.2	130.2	117.3	77.2	109.8	323.5	568.6	587.0

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.7 DRM1 START: 323.5 DRM2 START: 568.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 117.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000318

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 118.2 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 128.2 MIN GAS TEMP: 116.7
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 130.5
EO USED PHASE: 000.1 EO USED CYCLE:019.9 MIN VAP TEMP: 130.2

EXPOSURE(1) 06/29/2015 02:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:56	0:00:00	29.0	29.1	29.8	80.2	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.5	118.4	121.9	128.2	130.2	117.3	77.2	109.8	323.5	568.6	587.0
2:31:56	0:01:00	29.0	29.1	29.8	79.3	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.3	118.1	122.8	127.8	130.1	115.2	77.0	109.8	323.5	568.6	590.0
2:32:56	0:02:00	28.9	29.0	29.8	78.4	100.0	117.8	118.3	117.9	117.1	118.5	118.3	118.3	119.0	123.8	127.6	130.0	112.2	76.9	109.8	323.5	568.6	582.4
2:33:57	0:03:00	28.9	29.0	29.8	77.9	100.0	117.8	118.3	118.0	117.0	118.5	118.3	118.3	118.7	124.8	127.4	129.9	109.5	76.7	109.8	323.5	568.6	574.9
2:34:57	0:04:00	28.9	29.0	29.8	77.5	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.3	118.8	123.1	127.1	129.8	107.0	76.6	109.8	323.6	568.6	567.4
2:35:57	0:05:00	28.8	28.9	29.8	77.5	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.3	119.2	126.7	126.9	129.7	104.6	76.4	109.8	323.5	568.6	558.4
2:36:57	0:06:00	28.8	28.9	29.8	77.5	100.0	117.9	118.5	118.1	117.1	118.5	118.3	118.3	118.7	122.6	126.7	129.7	102.5	76.4	109.7	323.5	568.6	550.8
2:37:57	0:07:01	28.8	28.9	29.8	77.5	100.0	117.9	118.5	118.1	117.1	118.5	118.3	118.3	119.6	127.5	126.6	129.6	100.4	76.3	109.7	323.6	568.6	543.2
2:38:57	0:08:01	28.7	28.8	29.8	77.5	100.0	117.9	118.6	118.1	117.1	118.5	118.4	118.3	118.7	122.4	126.3	129.5	98.6	76.2	109.8	323.5	568.6	537.2
2:39:57	0:09:01	28.7	28.8	29.8	77.5	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.3	119.9	127.7	126.2	129.4	97.0	76.2	109.7	323.5	568.6	529.7
	BEGIN GAS ADDITION (0) (gbonilla) 06/29/2015 02:23:52																						
2:40:01	0:09:04	28.7	28.8	29.8	77.5	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.3	120.0	127.7	126.2	129.4	96.9	76.2	109.7	323.5	568.6	529.6
	END GAS ADDITION (1) (gbonilla) 06/29/2015 02:24:04																						
2:40:13	0:09:17	29.0	29.1	29.8	77.5	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	119.9	126.5	126.1	129.3	96.8	76.0	109.7	323.5	568.6	528.1
2:40:57	0:10:01	29.0	29.1	29.8	77.9	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	118.4	121.9	126.0	129.2	97.6	76.0	109.7	323.5	568.6	529.7
2:41:57	0:11:01	29.0	29.1	29.8	77.5	100.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	118.9	125.6	125.9	129.2	96.2	76.0	109.7	323.5	568.6	520.6
2:42:58	0:12:01	29.0	29.1	29.8	77.5	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.8	122.8	125.7	129.1	94.8	75.9	109.7	323.5	568.6	513.0
2:43:58	0:13:01	28.9	29.1	29.8	77.1	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	118.3	123.8	125.6	129.0	93.6	75.9	109.7	323.5	568.6	507.0
2:44:58	0:14:01	28.9	29.0	29.8	77.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.9	123.4	125.4	129.7	92.4	75.8	110.2	323.5	568.6	502.5
2:45:58	0:15:02	28.9	29.0	29.8	77.0	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	118.6	124.5	125.3	132.1	91.4	75.8	110.2	323.5	568.6	495.0
2:46:58	0:16:02	28.9	29.0	29.8	77.5	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.0	123.6	125.1	132.1	90.5	75.8	110.0	323.5	568.6	492.0
2:47:58	0:17:02	28.9	29.0	29.8	77.1	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.4	117.7	119.7	125.0	131.9	89.5	75.8	110.0	323.5	568.6	487.4
2:48:58	0:18:02	28.9	29.0	29.8	77.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.2	118.1	124.8	131.9	88.7	75.7	110.0	323.5	568.6	483.2
2:49:58	0:19:02	28.8	29.0	29.8	77.0	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.3	119.9	127.3	124.7	131.8	88.0	75.7	110.0	323.5	568.6	481.4
2:50:59	0:20:02	28.8	28.9	29.8	77.0	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.3	118.0	121.0	124.6	131.6	87.3	75.8	110.0	323.5	568.6	476.8
2:51:59	0:21:02	28.8	28.9	29.8	77.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.6	126.1	124.4	131.6	86.7	75.8	110.0	323.5	568.6	472.4
2:52:59	0:22:02	28.8	28.9	29.8	77.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.3	118.0	120.7	124.3	131.6	86.2	75.8	110.0	323.5	568.6	470.9
2:53:59	0:23:03	28.8	28.9	29.8	77.0	100.0	117.9	118.5	118.1	117.1	118.6	118.5	118.4	119.8	126.6	124.2	131.4	85.6	75.8	110.1	323.5	568.6	467.8
2:54:59	0:24:03	28.8	28.9	29.8	77.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.1	120.9	124.0	131.4	85.1	75.7	110.0	323.5	568.6	463.3
2:55:59	0:25:03	28.8	28.9	29.8	77.0	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.4	120.8	131.1	128.7	131.2	84.7	75.7	110.0	323.5	568.6	460.3
2:56:59	0:26:03	28.7	28.9	29.8	76.6	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.4	119.2	124.0	128.9	131.1	84.2	75.8	110.0	323.5	568.6	458.8
2:57:59	0:27:03	28.7	28.8	29.8	76.6	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.4	117.8	120.0	128.3	130.9	83.9	75.7	110.0	323.5	568.6	455.8
2:58:59	0:28:03	28.7	28.8	29.8	77.0	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	117.2	118.3	128.0	130.8	83.4	75.7	110.0	323.5	568.6	452.7
	BEGIN GAS ADDITION (2) (gbonilla) 06/29/2015 02:43:46																						
2:59:56	0:28:59	28.7	28.8	29.8	76.6	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	118.7	125.5	128.1	130.7	83.2	75.7	110.0	323.5	568.6	451.2
3:00:00	0:29:03	28.8	28.9	29.8	76.6	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	119.0	126.7	128.1	130.7	83.2	75.7	110.0	323.5	568.6	451.2
	END GAS ADDITION (2) (gbonilla) 06/29/2015 02:43:59																						
3:00:08	0:29:12	29.0	29.1	29.8	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	119.8	128.2	128.0	130.8	83.9	75.7	110.0	323.5	568.6	451.2
3:01:00	0:30:03	29.0	29.1	29.8	77.5	100.0	118.0	118.6	118.2	117.2	118.7	118.6	118.5	118.6	122.8	127.8	130.6	87.4	75.7	110.0	323.5	568.6	452.7
3:02:00	0:31:04	29.0	29.1	29.8	77.0	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.2	124.1	127.7	130.5	86.7	75.7	109.9	323.5	568.6	448.2
3:03:00	0:32:04	29.0	29.1	29.8	76.6	100.0	118.0	118.7	118.2	117.2	118.8	118.5	118.5	122.7	137.0	127.6	130.4	85.8	75.7	109.9	323.5	568.6	443.7
3:04:00	0:33:04	29.0	29.1	29.8	76.6	100.0	118.2	118.8	118.4	117.4	119.0	118.7	118.6	120.1	126.9	127.5	130.4	85.1	75.7	110.0	323.5	568.6	442.3
3:05:00	0:34:04	29.0	29.1	29.8	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.5	116.4	127.3	130.2	84.6	75.7	110.0	323.5	568.6	437.8
3:06:00	0:35:04	29.0	29.1	29.8	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	116.1	115.1	127.1	130.2	83.9	75.7	109.9	323.5	568.6	436.1
3:07:00	0:36:04	29.0	29.1	29.8	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.0	115.9	127.0	130.1	83.4	75.7	109.9	323.5	568.6	434.6
3:08:00	0:37:04	28.9	29.1	29.8	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.3	119.6	126.8	126.9	130.0	83.0	75.7	109.8	323.5	568.6	431.6
3:09:01	0:38:04	28.9	29.0	29.8	76.6	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	118.3	125.0	126.9	129.9	82.6	75.7	109.8	323.5	568.6	430.1
3:10:01	0:39:04	28.9	29.0	29.8	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	118.7	123.5	126.9	129.8	82.3	75.7	109.8	323.5	568.6	428.7
3:11:01	0:40:05	28.9	29.0	29.8	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.0	128.7	126.7	129.8	81.9	75.5	109.8	323.5	568.6	427.1
3:12:01	0:41:05	28.9	29.0	29.8	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.3	122.1	126.5	129.6	81.6	75.5	109.8	323.5	568.6	425.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000319

3:13:01	0:42:05	28.9	29.0	29.8	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.5	120.9	126.5	129.5	81.3	75.5	109.7	323.5	568.5	424.1
3:14:01	0:43:05	28.9	29.0	29.8	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.4	122.3	135.8	126.4	129.5	81.0	75.7	109.8	323.5	568.5	421.2
3:15:01	0:44:05	28.9	29.0	29.8	76.6	100.0	118.2	118.8	118.4	117.4	119.0	118.7	118.7	123.0	135.3	126.3	129.4	80.8	75.7	109.8	323.5	568.6	421.1
3:16:01	0:45:05	28.9	29.0	29.8	76.6	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	117.8	119.6	126.1	129.3	80.6	75.5	109.8	323.5	568.6	419.6
3:17:01	0:46:05	28.9	29.0	29.8	76.6	100.0	118.1	118.8	118.3	117.4	118.9	118.7	118.6	116.4	115.3	126.1	129.2	80.4	75.7	109.8	323.5	568.6	418.0
3:18:02	0:47:05	28.9	29.0	29.8	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.6	118.6	116.1	115.1	126.0	129.1	80.1	75.7	109.7	323.5	568.6	416.5
3:19:02	0:48:05	28.9	29.0	29.8	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.0	115.4	126.0	129.0	80.0	75.7	109.7	323.5	568.6	415.1
3:20:02	0:49:06	28.8	29.0	29.8	76.6	100.0	117.8	118.3	118.1	117.1	118.5	118.4	118.3	119.2	127.7	125.7	129.0	79.8	75.5	109.6	323.5	568.6	413.5
3:21:02	0:50:06	28.8	29.0	29.8	76.1	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	118.2	122.5	125.6	132.1	79.6	75.5	110.2	323.5	568.6	412.1
3:22:02	0:51:06	28.8	28.9	29.8	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.6	126.9	125.6	132.1	79.5	75.5	110.0	323.5	568.6	412.1
3:23:02	0:52:06	28.8	28.9	29.8	76.6	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	118.1	123.6	125.5	131.9	79.4	75.7	110.0	323.5	568.6	410.5
3:24:02	0:53:06	28.8	28.9	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.4	121.0	130.4	125.4	131.9	79.2	75.7	110.0	323.5	568.6	409.0
3:25:02	0:54:06	28.8	28.9	29.8	76.6	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	118.6	122.4	125.3	131.8	79.1	75.7	110.0	323.6	568.6	407.5
3:26:02	0:55:06	28.8	28.9	29.8	76.1	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.6	119.4	125.3	131.8	79.0	75.7	110.0	323.5	568.6	406.0
3:27:03	0:56:06	28.8	28.9	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	117.0	119.0	125.2	131.6	78.9	75.7	110.0	323.5	568.6	406.0
3:28:03	0:57:06	28.8	28.9	29.8	76.1	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.4	121.9	134.9	125.1	131.4	78.7	75.7	110.0	323.5	568.6	404.5
3:29:03	0:58:07	28.8	28.9	29.8	76.1	100.0	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.7	134.5	125.0	131.4	78.7	75.7	110.1	323.5	568.6	403.0
3:30:03	0:59:07	28.8	28.9	29.8	76.6	100.0	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.6	119.1	124.9	131.4	78.6	75.7	110.1	323.5	568.5	401.5

EXPOSURE(1) SUMMARY 06/29/2015 03:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:56	1:00:00	28.8	28.9	29.8	76.1	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	116.3	115.4	124.8	131.2	78.5	75.7	110.0	323.5	568.6	401.5

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.1 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.9 MAX GAS TEMP: 117.3
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.2 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 078.5
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/29/2015 03:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:56	0:00:00	28.8	28.9	29.8	76.1	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	116.3	115.4	124.8	131.2	78.5	75.7	110.0	323.5	568.6	401.5
3:31:56	0:01:00	28.8	28.9	29.8	76.2	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.6	116.1	115.2	124.7	131.1	78.5	75.7	110.0	323.5	568.5	400.0
3:32:57	0:02:00	28.8	28.9	29.8	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.0	115.4	124.6	131.1	78.4	75.7	110.0	323.5	568.6	398.5
3:33:57	0:03:00	28.8	28.9	29.8	76.1	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	119.6	128.7	124.5	130.9	78.3	75.7	110.0	323.5	568.6	398.5
3:34:57	0:04:00	28.8	28.9	29.8	76.6	100.0	117.8	118.3	118.0	117.1	118.6	118.4	118.4	118.0	121.9	124.4	130.8	78.3	75.7	109.9	323.6	568.6	397.0
3:35:57	0:05:00	28.8	28.9	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	119.6	126.9	124.4	130.7	78.2	75.7	110.0	323.5	568.5	395.5
3:36:57	0:06:01	28.7	28.9	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	120.6	124.3	130.6	78.2	75.7	110.0	323.5	568.6	395.5
3:37:57	0:07:01	28.7	28.9	29.8	76.1	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	118.4	125.1	124.1	130.5	78.1	75.7	109.9	323.5	568.6	393.9
3:38:57	0:08:01	28.7	28.9	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.8	123.5	128.8	130.5	78.1	75.7	109.9	323.5	568.5	392.4
3:39:57	0:09:01	28.7	28.8	29.8	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	119.2	127.0	128.9	130.3	78.0	75.7	109.9	323.5	568.6	392.4
3:40:57	0:10:01	28.7	28.8	29.8	75.7	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.8	123.1	128.7	130.3	78.0	75.7	109.8	323.5	568.6	392.5
3:41:57	0:11:01	28.7	28.8	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.5	119.4	128.5	130.1	77.9	75.5	109.8	323.5	568.6	390.9
3:42:58	0:12:01	28.7	28.8	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	120.0	128.4	128.4	130.1	77.9	75.7	109.9	323.5	568.5	391.0
3:43:58	0:13:01	28.7	28.8	29.8	75.7	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.3	121.8	128.4	130.0	77.8	75.7	109.8	323.5	568.6	389.4
3:44:58	0:14:01	28.7	28.8	29.8	76.1	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	117.2	119.0	128.3	129.9	77.8	75.5	109.8	323.5	568.6	387.9
	BEGIN GAS ADDITION (3) (gbonilla) 06/29/2015 03:29:00																						
3:45:09	0:14:13	28.7	28.8	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.7	122.3	128.3	129.9	77.7	75.7	109.8	323.5	568.5	387.9
	END GAS ADDITION (3) (gbonilla) 06/29/2015 03:29:13																						
3:45:22	0:14:26	29.0	29.1	29.8	76.2	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.9	126.5	128.2	129.9	78.7	75.5	109.8	323.5	568.6	389.4
3:46:58	0:16:02	29.0	29.1	29.8	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.6	121.7	133.5	128.1	129.8	83.4	75.7	109.8	323.5	568.6	392.5
3:47:58	0:17:02	29.0	29.1	29.8	76.2	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	117.3	119.5	128.0	129.7	83.0	75.7	109.8	323.5	568.6	389.4
3:48:58	0:18:02	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.7	115.0	127.7	129.6	82.2	75.5	109.7	323.5	568.6	386.5
3:49:58	0:19:02	29.0	29.1	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.3	118.7	126.2	127.6	129.6	81.7	75.5	109.7	323.5	568.6	384.9
3:50:58	0:20:02	29.0	29.1	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	118.3	122.8	127.5	129.4	81.1	75.5	109.7	323.5	568.6	383.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000320

3:50:59	0:20:02	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	119.6	126.7	127.4	129.3	80.6	75.5	109.7	323.5	568.6	381.9
3:51:59	0:21:02	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.6	120.6	127.4	129.2	80.2	75.4	109.7	323.5	568.6	381.9
3:52:59	0:22:02	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	119.4	125.9	127.3	129.2	79.8	75.4	109.7	323.5	568.6	381.9
3:53:59	0:23:02	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	120.3	127.2	129.1	79.5	75.5	109.7	323.5	568.6	380.4
3:54:59	0:24:02	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.5	117.5	121.6	127.1	129.0	79.3	75.5	109.7	323.5	568.5	380.4
3:55:59	0:25:03	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.3	125.3	126.9	128.9	79.1	75.4	109.6	323.6	568.6	378.9
3:56:59	0:26:03	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.6	120.1	126.9	128.8	78.8	75.4	109.6	323.6	568.6	378.9
3:57:59	0:27:03	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.6	128.6	126.7	128.7	78.6	75.4	109.6	323.5	568.6	377.4
3:58:59	0:28:03	29.0	29.1	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	123.3	138.6	126.7	128.7	78.5	75.4	109.7	323.5	568.6	377.4
4:00:00	0:29:03	29.0	29.1	29.8	75.6	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	120.3	126.9	126.6	128.6	78.3	75.4	109.7	323.5	568.6	375.8
4:01:00	0:30:03	29.0	29.1	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.6	116.5	126.5	128.5	78.2	75.4	109.6	323.5	568.6	376.2
4:02:00	0:31:03	29.0	29.1	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	116.2	115.2	126.3	128.4	78.1	75.4	109.6	323.5	568.6	375.8
4:03:00	0:32:03	29.0	29.1	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	116.1	115.4	126.2	128.3	78.0	75.4	109.6	323.5	568.6	375.9
4:04:00	0:33:04	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	115.4	126.2	128.2	77.9	75.4	109.5	323.6	568.6	375.9
4:05:00	0:34:04	29.0	29.1	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.4	118.3	118.3	119.8	128.7	126.0	128.2	77.8	75.4	109.5	323.6	568.6	372.9
4:06:00	0:35:04	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	117.8	123.4	126.0	128.0	77.7	75.4	109.5	323.6	568.6	372.9
4:07:00	0:36:04	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.9	124.6	125.9	128.0	77.6	75.4	109.5	323.5	568.6	372.6
4:08:00	0:37:04	29.0	29.1	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.8	128.4	125.7	127.9	77.6	75.4	109.4	323.5	568.6	371.3
4:09:01	0:38:04	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.3	122.2	125.6	127.9	77.6	75.4	109.4	323.6	568.6	371.3
4:10:01	0:39:04	29.0	29.1	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	117.2	118.9	125.6	127.7	77.5	75.5	109.4	323.5	568.6	371.3
4:11:01	0:40:04	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.5	118.4	118.4	117.3	121.4	125.4	127.6	77.5	75.4	109.3	323.5	568.6	369.8
4:12:01	0:41:05	29.0	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	119.0	125.0	125.3	127.6	77.4	75.4	109.4	323.5	568.6	369.8
4:13:01	0:42:05	29.0	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.0	126.8	125.2	127.5	77.4	75.5	109.3	323.5	568.6	369.8
4:14:01	0:43:05	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.7	123.1	125.1	127.4	77.4	75.5	109.3	323.6	568.6	369.9
4:15:01	0:44:05	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	117.4	119.3	125.0	127.3	77.4	75.5	109.3	323.5	568.6	369.9
4:16:01	0:45:05	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.9	128.4	124.9	127.2	77.3	75.5	109.3	323.5	568.6	369.9
4:17:02	0:46:05	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	118.3	122.1	124.9	127.1	77.3	75.5	109.3	323.5	568.5	368.3
4:18:02	0:47:05	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.7	125.6	124.7	127.0	77.2	75.7	109.3	323.5	568.6	368.3
4:19:02	0:48:05	28.9	29.0	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	122.9	137.6	124.6	127.0	77.2	75.5	109.3	323.5	568.6	368.3
4:20:02	0:49:05	28.9	29.0	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.7	123.3	135.7	124.6	126.9	77.3	75.7	109.3	323.5	568.6	366.9
4:21:02	0:50:06	28.9	29.0	29.8	75.7	100.0	118.4	119.1	118.5	117.6	119.1	118.8	118.8	118.0	119.8	124.4	126.8	77.2	75.7	109.3	323.5	568.6	366.8
4:22:02	0:51:06	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.4	115.4	124.3	126.7	77.2	75.7	109.3	323.5	568.6	366.8
4:23:02	0:52:06	28.9	29.0	29.8	75.7	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.2	115.3	124.2	126.6	77.2	75.7	109.2	323.5	568.6	365.3
4:24:02	0:53:06	28.9	29.0	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	116.0	115.5	124.1	126.5	77.2	75.7	109.2	323.5	568.6	365.3
4:25:02	0:54:06	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	115.8	115.5	124.8	126.5	77.2	75.7	109.1	323.5	568.6	365.4
4:26:03	0:55:06	28.9	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.3	119.6	128.9	129.0	126.4	77.2	75.7	109.2	323.6	568.6	363.8
4:27:03	0:56:06	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	117.8	122.4	128.7	126.3	77.2	75.7	109.1	323.5	568.6	363.8
4:28:03	0:57:06	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.9	125.2	128.6	126.2	77.1	75.7	109.1	323.5	568.6	363.8
4:29:03	0:58:06	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	118.8	126.4	128.5	126.2	77.2	75.7	109.1	323.5	568.5	363.8
4:30:03	0:59:07	28.9	29.0	29.8	75.7	100.0	118.0	118.7	118.2	117.2	118.7	118.5	118.5	122.8	137.8	128.5	126.0	77.1	75.7	109.1	323.5	568.6	363.8
4:31:03	1:00:07	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	120.7	128.9	128.3	126.0	77.1	75.7	109.1	323.5	568.6	363.8
4:32:03	1:01:07	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.7	117.0	128.1	125.9	77.1	75.7	109.1	323.5	568.6	363.8
4:33:03	1:02:07	28.9	29.0	29.8	75.7	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.1	115.2	128.2	125.8	77.1	75.7	109.0	323.6	568.6	362.3
4:34:03	1:03:07	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	116.0	115.3	128.1	125.7	77.1	75.7	109.0	323.5	568.6	362.3
4:35:04	1:04:07	28.9	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	115.9	117.2	128.0	125.7	77.1	75.5	108.9	323.5	568.6	362.3
4:36:04	1:05:07	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.3	126.7	127.8	125.5	77.0	75.7	108.9	323.5	568.6	362.3
4:37:04	1:06:07	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.4	120.9	127.7	125.5	77.0	75.5	108.9	323.5	568.5	362.3
4:38:04	1:07:07	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.2	125.7	127.6	125.4	77.0	75.5	108.8	323.5	568.6	360.8
4:39:04	1:08:08	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	117.5	120.0	127.6	125.3	77.0	75.5	108.9	323.5	568.6	360.7
4:40:04	1:09:08	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	121.7	134.5	127.4	125.3	77.0	75.5	108.8	323.5	568.6	360.8
4:41:04	1:10:08	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.3	117.4	118.9	118.7	118.7	123.0	135.8	127.5	125.2	77.0	75.5	109.0	323.5	568.6	360.7
4:42:04	1:11:08	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.7	119.7	127.3	125.1	76.9	75.5	108.9	323.5	568.6	359.3
4:43:04	1:12:08	28.9	29.0	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.7	118.7	116.2	115.4	127.3	125.0	77.0	75.5	108.9	323.5	568.6	359.3
4:44:05	1:13:08	28.9	29.0	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.6	116.0	115.1	127.1	124.9	76.9	75.4	108.8	323.5	568.6	359.3
4:45:05	1:14:08	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.9	115.3	127.0	124.9	76.9	75.4	108.8	323.5	568.6	359.3
4:46:05	1:15:08	28.9	29.0	29.8	75.7	100.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	119.6	128.9	127.0	124.8	76.9	75.4	108.7	323.5	568.6	359.3
4:47:05	1:16:08	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.8	121.6	126.9	124.8	76.9	75.4	108.7	323.5	568.6	359.3
4:48:05	1:17:09	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.5	131.6	126.7	124.6	76.9	75.5	108.7	323.5	568.6	359.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000321

4:49:05	1:18:09	28.9	29.0	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	123.5	139.6	126.7	124.6	76.9	75.5	108.7	323.5	568.6	359.3
4:50:05	1:19:09	28.9	29.0	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	119.9	126.3	126.6	124.5	76.9	75.5	108.7	323.5	568.6	359.3
4:51:05	1:20:09	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.5	116.3	126.6	124.4	76.9	75.5	108.7	323.5	568.6	357.7
4:52:05	1:21:09	28.9	29.0	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.1	115.2	126.5	124.4	76.9	75.5	108.7	323.5	568.6	357.7
4:53:06	1:22:09	28.9	29.0	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.6	118.5	118.5	116.0	115.3	126.4	124.3	76.9	75.7	108.6	323.5	568.6	357.8
4:54:06	1:23:09	28.9	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.2	118.6	118.4	118.4	115.8	116.2	126.3	124.2	76.9	75.7	108.6	323.5	568.6	357.8
4:55:06	1:24:09	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.6	127.1	126.3	124.1	76.9	75.7	108.6	323.5	568.6	356.3
4:56:06	1:25:09	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.6	126.1	126.2	124.1	76.9	75.7	108.5	323.5	568.6	356.2
4:57:06	1:26:10	28.9	29.0	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	122.5	137.4	126.2	123.9	76.9	75.7	108.6	323.5	568.6	356.3
4:58:06	1:27:10	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.3	117.5	118.9	118.6	118.6	121.3	130.7	126.0	123.9	76.9	75.7	108.6	323.5	568.6	356.3
4:59:06	1:28:10	28.9	29.0	29.8	75.7	100.0	118.1	118.8	118.3	117.4	119.0	118.7	118.7	116.9	117.5	126.0	123.8	76.9	75.7	108.6	323.5	568.6	356.3
5:00:06	1:29:10	28.9	29.0	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.2	115.3	125.9	123.8	77.0	75.7	108.6	323.5	568.6	356.3
5:01:07	1:30:10	28.9	29.0	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.7	118.5	118.5	116.0	115.2	125.8	123.6	77.0	75.7	108.5	323.5	568.6	354.8
5:02:07	1:31:10	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	115.3	125.8	123.6	77.0	75.7	108.5	323.5	568.6	354.7
5:03:07	1:32:10	28.9	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	119.8	128.4	125.7	123.4	76.9	75.7	108.5	323.5	568.6	354.7
5:04:07	1:33:10	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.5	118.4	118.4	118.2	125.3	125.6	123.3	76.9	75.7	108.5	323.5	568.6	354.8
5:05:07	1:34:11	28.9	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.7	123.8	125.5	123.3	76.9	75.7	108.4	323.5	568.6	354.8
5:06:07	1:35:11	28.9	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	120.3	130.5	125.5	123.2	76.9	75.7	108.4	323.5	568.6	354.8
5:07:07	1:36:11	28.9	29.0	29.8	75.7	100.0	118.1	118.8	118.2	117.4	118.8	118.5	118.6	123.5	139.4	125.4	123.2	76.9	75.7	108.4	323.6	568.6	354.8
5:08:07	1:37:11	28.9	29.0	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	119.4	125.0	125.4	123.1	76.9	75.7	108.5	323.5	568.6	354.7
5:09:07	1:38:11	28.9	29.0	29.8	75.7	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.5	116.1	125.4	123.0	76.9	75.5	108.4	323.6	568.6	354.4
5:10:08	1:39:11	28.9	29.0	29.8	75.7	100.0	118.1	118.7	118.2	117.4	118.8	118.6	118.6	116.1	115.0	125.3	122.9	76.8	75.5	108.4	323.6	568.6	354.8
5:11:08	1:40:11	28.8	29.0	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	116.0	115.3	125.2	122.9	76.9	75.7	108.4	323.6	568.6	354.8
5:12:08	1:41:11	28.8	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.2	118.5	118.3	118.4	115.8	115.7	125.0	122.9	76.9	75.5	108.3	323.5	568.6	354.8
5:13:08	1:42:11	28.8	29.0	29.8	75.7	100.0	117.8	118.3	118.0	117.2	118.5	118.4	118.4	119.6	127.9	125.0	122.7	76.8	75.5	108.3	323.5	568.6	353.2
5:14:08	1:43:12	28.8	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	118.6	126.4	124.9	122.6	76.9	75.5	108.2	323.5	568.6	353.3
5:15:08	1:44:12	28.8	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.4	126.3	124.9	122.6	76.8	75.5	108.2	323.5	568.6	353.3
5:16:08	1:45:12	28.8	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	117.7	120.4	124.8	122.5	76.8	75.5	108.2	323.5	568.6	353.2
5:17:08	1:46:12	28.8	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	117.0	118.2	124.8	122.4	76.9	75.7	108.2	323.6	568.6	353.2
5:18:09	1:47:12	28.8	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.3	116.9	120.5	124.7	122.3	76.8	75.5	108.2	323.6	568.6	353.2
5:19:09	1:48:12	28.8	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.2	125.5	124.6	122.3	76.8	75.5	108.2	323.5	568.6	353.2
5:20:09	1:49:12	28.8	29.0	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.4	120.0	124.6	122.2	76.8	75.7	108.2	323.5	568.6	353.2
5:21:09	1:50:12	28.8	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.8	127.2	124.6	122.1	76.8	75.5	108.2	323.5	568.6	351.8
5:22:09	1:51:13	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	120.8	124.6	122.1	76.8	75.5	108.1	323.6	568.6	351.8
5:23:09	1:52:13	28.8	29.0	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.9	118.3	124.5	122.0	76.8	75.5	108.1	323.5	568.6	351.8
5:24:09	1:53:13	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	119.2	127.9	124.4	121.9	76.8	75.5	108.1	323.5	568.6	351.8
5:25:09	1:54:13	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.3	122.7	124.3	121.8	76.8	75.5	108.1	323.5	568.6	351.8
5:26:09	1:55:13	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	121.2	133.2	124.2	121.8	76.8	75.4	108.0	323.6	568.6	351.7
5:27:10	1:56:13	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	123.4	137.5	124.2	121.7	76.8	75.5	108.1	323.5	568.6	351.8
5:28:10	1:57:13	28.8	28.9	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	118.1	120.7	124.2	121.6	76.8	75.5	108.1	323.5	568.6	351.8
5:29:10	1:58:13	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.7	118.7	116.2	115.5	127.6	121.6	76.8	75.5	108.0	323.6	568.6	350.3
5:30:10	1:59:13	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.6	116.0	115.2	129.2	121.5	76.8	75.5	108.0	323.6	568.6	350.2
5:31:10	2:00:14	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.9	115.4	129.3	121.5	76.8	75.5	108.0	323.5	568.6	350.2
5:32:10	2:01:14	28.8	28.9	29.8	75.7	100.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	119.2	127.9	129.2	121.3	76.8	75.5	108.0	323.5	568.6	350.3
5:33:10	2:02:14	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.0	122.4	129.2	121.2	76.7	75.5	107.9	323.5	568.6	350.3
5:34:10	2:03:14	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.4	126.4	129.1	121.2	76.8	75.5	107.9	323.5	568.6	350.3
5:35:10	2:04:14	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.6	122.0	129.0	121.1	76.7	75.4	107.8	323.5	568.6	350.2
5:36:11	2:05:14	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	122.3	136.0	129.0	121.1	76.8	75.5	107.9	323.5	568.6	350.2
5:37:11	2:06:14	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.3	117.5	119.0	118.7	118.7	120.6	128.8	129.0	121.0	76.8	75.5	107.9	323.5	568.6	350.2
5:38:11	2:07:14	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.7	117.0	128.9	120.9	76.8	75.5	107.9	323.5	568.6	350.3
5:39:11	2:08:14	28.8	28.9	29.8	75.7	100.0	118.1	118.7	118.2	117.4	118.8	118.5	118.6	116.1	115.2	129.0	120.9	76.8	75.5	107.9	323.5	568.6	350.3
5:40:11	2:09:15	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.4	115.9	115.2	128.9	120.8	76.8	75.5	107.9	323.5	568.6	350.3
5:41:11	2:10:15	28.8	28.9	29.8	75.7	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	116.1	118.8	128.8	120.7	76.8	75.5	107.8	323.5	568.6	350.3
5:42:11	2:11:15	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.2	126.4	128.9	120.7	76.8	75.5	107.9	323.5	568.6	350.3
5:43:11	2:12:15	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.2	120.3	128.7	120.6	76.8	75.5	107.8	323.5	568.6	348.8
5:44:11	2:13:15	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	119.3	126.3	128.8	120.5	76.8	75.5	107.8	323.5	568.6	348.8
5:45:12	2:14:15	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.5	120.3	128.7	120.4	76.8	75.5	107.8	323.5	568.6	348.8
5:46:12	2:15:15	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	119.8	129.6	128.7	120.4	76.8	75.5	107.7	323.5	568.6	348.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000322

5:47:12	2:16:15	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.9	124.5	128.6	120.3	76.8	75.5	107.8	323.5	568.6	348.7
5:48:12	2:17:15	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	117.6	119.9	128.6	120.2	76.8	75.5	107.7	323.5	568.6	348.7
5:49:12	2:18:15	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.9	118.0	128.6	120.2	76.8	75.5	107.7	323.5	568.6	348.7
5:50:12	2:19:16	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.7	119.8	128.4	120.1	76.8	75.4	107.6	323.5	568.6	348.8
5:51:12	2:20:16	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.6	126.8	128.4	120.1	76.8	75.4	107.6	323.5	568.6	348.8
5:52:12	2:21:16	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.6	120.5	128.4	120.0	76.8	75.5	107.6	323.5	568.6	348.7
5:53:12	2:22:16	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.1	118.6	118.4	118.4	118.9	126.9	128.3	119.8	76.8	75.4	107.6	323.5	568.6	348.7
5:54:13	2:23:16	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.4	123.3	128.2	119.8	76.8	75.4	107.6	323.5	568.6	348.8
5:55:13	2:24:16	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.2	119.2	128.2	119.7	76.7	75.3	107.5	323.6	568.6	347.2
5:56:13	2:25:16	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.9	132.2	128.2	119.7	76.8	75.3	107.5	323.5	568.6	347.3
5:57:13	2:26:16	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	119.6	125.9	128.1	119.6	76.8	75.4	107.5	323.5	568.6	347.2
5:58:13	2:27:16	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	116.9	117.7	128.0	119.6	76.7	75.4	107.5	323.6	568.6	347.2
5:59:13	2:28:17	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	115.8	114.9	127.9	119.5	76.7	75.3	107.5	323.5	568.6	347.2
6:00:13	2:29:17	28.8	28.9	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	119.2	128.0	127.8	119.3	76.7	75.3	107.4	323.5	568.6	347.2
6:01:13	2:30:17	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.0	122.1	127.8	119.3	76.6	75.3	107.5	323.6	568.6	347.2
6:02:13	2:31:17	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	120.1	130.5	127.7	119.3	76.7	75.2	107.4	323.5	568.6	347.2
6:03:14	2:32:17	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	119.6	126.6	127.8	119.2	76.7	75.2	107.4	323.5	568.6	347.3
6:04:14	2:33:17	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.7	118.5	118.5	117.8	120.7	127.8	119.2	76.6	75.2	107.4	323.5	568.6	347.3
6:05:14	2:34:17	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	117.2	118.4	127.7	120.6	76.6	75.2	108.5	323.5	568.6	347.3
6:06:14	2:35:18	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	116.7	117.4	127.6	122.4	76.7	75.2	107.8	323.5	568.6	345.7
6:07:14	2:36:18	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	117.3	122.2	127.5	122.2	76.6	75.2	107.7	323.5	568.6	345.7
6:08:14	2:37:18	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.9	124.9	127.5	122.2	76.6	75.2	107.8	323.5	568.6	345.7
6:09:14	2:38:18	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.8	123.8	127.4	122.1	76.6	75.2	107.7	323.5	568.6	345.7
6:10:14	2:39:18	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	118.9	124.7	127.4	122.1	76.6	75.2	107.7	323.5	568.6	345.7
6:11:15	2:40:18	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	117.5	119.9	127.5	122.0	76.7	75.3	107.8	323.5	568.6	345.7
6:12:15	2:41:18	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.8	123.2	127.4	121.9	76.6	75.4	107.7	323.5	568.6	345.7
6:13:15	2:42:18	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	118.9	124.4	127.3	121.8	76.6	75.3	107.7	323.5	568.6	345.8
6:14:15	2:43:18	28.8	28.9	29.8	75.6	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	117.4	119.7	127.3	121.8	76.6	75.4	107.8	323.5	568.6	345.7
6:15:15	2:44:19	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.7	117.9	127.3	121.7	76.7	75.5	107.8	323.5	568.6	345.8
6:16:15	2:45:19	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	120.4	131.4	127.1	121.6	76.7	75.5	107.7	323.5	568.6	345.7
6:17:15	2:46:19	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	119.2	125.3	127.2	121.5	76.7	75.5	107.8	323.5	568.6	345.8
6:18:15	2:47:19	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	117.6	120.2	127.0	121.5	76.7	75.7	107.7	323.5	568.6	345.8
6:19:15	2:48:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.0	118.2	127.0	121.4	76.7	75.7	107.7	323.5	568.6	345.8
6:20:15	2:49:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.2	121.7	127.0	121.3	76.7	75.7	107.7	323.5	568.6	345.7
6:21:16	2:50:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.0	125.1	126.9	121.3	76.8	75.7	107.8	323.5	568.6	345.7
6:22:16	2:51:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.4	119.8	126.9	121.1	76.7	75.7	107.7	323.5	568.6	345.7
6:23:16	2:52:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.0	120.6	126.9	121.1	76.8	75.7	107.7	323.5	568.6	345.8
6:24:16	2:53:19	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.0	125.3	126.7	121.0	76.8	75.7	107.7	323.5	568.6	344.3
6:25:16	2:54:20	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.6	125.5	126.6	121.0	76.8	75.5	107.7	323.5	568.6	344.3
6:26:16	2:55:20	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	122.7	137.5	126.6	121.0	76.8	75.5	107.7	323.5	568.6	344.2
6:27:16	2:56:20	28.8	28.9	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	120.5	128.3	126.8	120.8	76.8	75.7	107.8	323.5	568.6	344.2
6:28:16	2:57:20	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.6	116.8	126.7	120.7	76.7	75.5	107.7	323.5	568.6	344.3
6:29:16	2:58:20	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.7	118.7	116.1	115.2	126.6	120.7	76.8	75.4	107.6	323.5	568.6	344.3
6:30:17	2:59:20	28.8	28.9	29.8	75.7	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	115.9	115.3	126.5	120.6	76.8	75.4	107.6	323.5	568.6	344.3
6:31:17	3:00:20	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.7	115.3	126.5	120.5	76.8	75.4	107.6	323.5	568.6	344.2
6:32:17	3:01:20	28.8	28.9	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	119.6	129.1	126.5	120.5	76.8	75.4	107.6	323.5	568.6	344.2
6:33:17	3:02:20	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	117.8	121.8	126.4	120.4	76.8	75.3	107.6	323.5	568.6	344.2
6:34:17	3:03:21	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.4	126.8	126.3	120.4	76.7	75.3	107.6	323.5	568.6	344.3
6:35:17	3:04:21	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.5	117.6	120.5	126.3	120.3	76.7	75.3	107.6	323.5	568.6	344.3
6:36:17	3:05:21	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	121.1	133.0	126.3	120.2	76.7	75.3	107.6	323.5	568.6	344.2
6:37:17	3:06:21	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	123.1	136.5	126.1	120.1	76.7	75.3	107.6	323.5	568.5	344.2
6:38:17	3:07:21	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.8	120.1	126.1	120.1	76.7	75.3	107.6	323.5	568.6	342.7
6:39:18	3:08:21	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.1	115.4	126.0	120.0	76.7	75.2	107.5	323.6	568.6	342.8
6:40:18	3:09:21	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	116.0	115.2	125.9	120.0	76.7	75.3	107.5	323.5	568.6	342.7
6:41:18	3:10:21	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	115.8	115.3	125.9	119.8	76.7	75.3	107.5	323.5	568.6	342.7
6:42:18	3:11:21	28.8	28.9	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.3	118.6	126.7	125.7	119.8	76.6	75.3	107.4	323.5	568.6	342.7
6:43:18	3:12:22	28.8	28.9	29.8	75.7	100.0	117.8	118.5	118.0	117.1	118.6	118.4	118.4	118.3	123.3	125.7	119.8	76.7	75.4	107.5	323.5	568.6	342.7
6:44:18	3:13:22	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.8	129.1	125.7	119.7	76.7	75.4	107.5	323.5	568.6	342.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000323

6:45:18	3:14:22	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.4	118.0	121.9	125.6	119.7	76.8	75.5	107.4	323.5	568.6	342.7
6:46:18	3:15:22	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.4	121.2	133.2	125.5	119.6	76.8	75.7	107.4	323.5	568.6	342.8
6:47:18	3:16:22	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.3	117.4	118.9	118.7	118.6	123.0	136.1	125.5	119.5	76.7	75.7	107.5	323.5	568.6	342.8
6:48:19	3:17:22	28.8	28.9	29.8	75.7	100.0	118.2	118.8	118.3	117.5	119.0	118.7	118.7	117.8	119.9	125.4	119.5	76.8	75.7	107.5	323.6	568.6	342.7
6:49:19	3:18:22	28.8	28.9	29.8	75.7	100.0	118.1	118.7	118.3	117.4	118.9	118.7	118.7	116.1	115.3	125.3	119.3	76.7	75.7	107.4	323.5	568.6	342.7
6:50:19	3:19:22	28.8	28.9	29.8	75.7	100.0	118.1	118.7	118.2	117.4	118.7	118.5	118.6	115.9	115.1	125.3	119.2	76.7	75.7	107.4	323.5	568.5	342.7
6:51:19	3:20:22	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.7	115.3	125.1	119.2	76.8	75.7	107.3	323.5	568.6	342.7
6:52:19	3:21:23	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	119.8	128.7	125.2	119.1	76.8	75.7	107.4	323.5	568.6	342.7
6:53:19	3:22:23	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.6	121.0	125.1	119.1	76.8	75.7	107.4	323.5	568.6	342.7
6:54:19	3:23:23	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.5	118.4	118.4	117.4	122.6	125.1	122.4	76.8	75.7	108.0	323.5	568.6	342.7
6:55:19	3:24:23	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.9	125.0	125.0	122.3	76.8	75.7	107.7	323.5	568.6	341.3
6:56:19	3:25:23	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.9	129.8	125.0	122.2	76.8	75.7	107.7	323.6	568.6	341.3
6:57:20	3:26:23	28.8	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.5	123.2	138.2	125.0	122.1	76.8	75.7	107.7	323.5	568.6	341.3
6:58:20	3:27:23	28.8	28.9	29.8	75.7	100.0	118.3	118.9	118.4	117.5	118.9	118.6	118.7	118.3	121.9	124.9	122.1	76.8	75.7	107.8	323.5	568.6	341.2
6:59:20	3:28:23	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.2	117.4	118.9	118.6	118.6	116.1	115.6	124.8	122.0	76.8	75.7	107.7	323.6	568.6	341.2
7:00:20	3:29:24	28.8	28.9	29.8	75.7	100.0	118.1	118.7	118.2	117.4	118.6	118.5	118.5	115.9	115.1	124.9	122.0	76.8	75.7	107.7	323.5	568.5	341.2
7:01:20	3:30:24	28.7	28.9	29.8	75.7	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	115.7	115.2	124.7	121.9	76.8	75.5	107.6	323.5	568.6	341.2
7:02:20	3:31:24	28.8	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	119.8	128.3	124.8	121.8	76.7	75.5	107.7	323.5	568.6	341.2
7:03:20	3:32:24	28.8	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.3	125.5	124.8	121.8	76.8	75.5	107.7	323.5	568.6	341.2
7:04:20	3:33:24	28.7	28.9	29.9	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	119.3	126.0	124.8	121.7	76.8	75.5	107.7	323.6	568.6	341.2
7:05:21	3:34:24	28.7	28.9	29.8	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	117.6	120.2	124.8	121.6	76.8	75.5	107.7	323.5	568.6	341.2
7:06:21	3:35:24	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	116.8	118.0	124.6	121.5	76.7	75.4	107.6	323.5	568.6	341.2
7:07:21	3:36:24	28.7	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	120.0	130.3	124.5	121.4	76.7	75.3	107.6	323.5	568.6	341.2
7:08:21	3:37:24	28.8	28.9	29.8	75.7	100.0	118.1	118.8	118.2	117.4	118.8	118.5	118.5	123.3	138.9	124.5	121.4	76.7	75.2	107.6	323.5	568.6	341.2
7:09:21	3:38:24	28.8	28.9	29.8	75.7	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.8	118.9	123.4	124.6	121.3	76.7	75.4	107.7	323.5	568.6	341.2
7:10:21	3:39:25	28.7	28.9	29.8	75.7	100.0	118.2	118.8	118.3	117.5	118.9	118.6	118.7	116.3	115.9	124.5	121.2	76.7	75.3	107.7	323.5	568.6	341.2
7:11:21	3:40:25	28.7	28.9	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.8	118.6	118.6	115.9	115.0	124.5	121.1	76.6	75.3	107.6	323.5	568.6	341.2
7:12:21	3:41:25	28.7	28.9	29.8	75.7	100.0	118.0	118.6	118.1	117.3	118.6	118.5	118.5	115.7	115.1	124.5	121.1	76.7	75.3	107.6	323.5	568.6	341.2
7:13:21	3:42:25	28.7	28.8	29.8	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	118.8	127.1	124.4	121.0	76.6	75.3	107.6	323.5	568.6	341.2
7:14:21	3:43:25	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	118.1	122.9	124.3	121.0	76.7	75.4	107.6	323.5	568.6	341.2
7:15:22	3:44:25	28.7	28.8	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.9	120.0	124.4	120.9	76.7	75.4	107.6	323.5	568.6	341.2
7:16:22	3:45:25	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.9	128.3	124.3	120.8	76.6	75.4	107.6	323.5	568.6	341.2
7:17:22	3:46:25	28.7	28.8	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	121.0	124.2	120.7	76.6	75.5	107.6	323.5	568.6	341.2
7:18:22	3:47:25	28.7	28.8	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.9	118.4	124.2	120.7	76.7	75.5	107.6	323.5	568.6	341.3
7:19:22	3:48:26	28.7	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	118.0	124.1	124.1	120.6	76.7	75.5	107.5	323.5	568.6	341.2
7:20:22	3:49:26	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	119.0	125.3	124.0	120.5	76.6	75.7	107.6	323.5	568.6	339.7
7:21:22	3:50:26	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.4	120.0	128.7	120.5	76.7	75.7	107.5	323.5	568.6	339.7
7:22:22	3:51:26	28.7	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.7	117.9	128.8	120.4	76.7	75.7	107.5	323.5	568.6	339.7
7:23:22	3:52:26	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.9	128.3	128.2	120.4	76.8	75.7	107.5	323.5	568.6	339.7
7:24:22	3:53:26	28.7	28.9	29.8	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	121.2	128.4	120.3	76.7	75.7	107.6	323.5	568.6	339.7
7:25:23	3:54:26	28.7	28.8	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.9	118.4	128.4	120.2	76.8	75.7	107.5	323.5	568.6	339.8
7:26:23	3:55:26	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.9	128.2	128.5	120.1	76.8	75.8	107.6	323.5	568.6	339.7
7:27:23	3:56:26	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.8	121.2	128.3	120.0	76.8	75.7	107.5	323.5	568.6	339.8
7:28:23	3:57:27	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	116.9	118.4	128.2	120.0	76.8	75.7	107.5	323.6	568.5	339.8
7:29:23	3:58:27	28.7	28.9	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.6	127.1	128.2	119.8	76.8	75.7	107.5	323.5	568.6	339.8
7:30:23	3:59:27	28.7	28.9	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.7	120.9	128.2	119.8	76.8	75.7	107.5	323.5	568.5	339.7
7:31:23	4:00:27	28.7	28.9	29.9	75.7	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.4	121.9	135.2	128.2	119.8	76.8	75.7	107.5	323.5	568.6	339.7
7:32:23	4:01:27	28.7	28.9	29.9	75.7	100.0	118.2	118.8	118.3	117.4	119.0	118.7	118.7	122.4	133.8	128.1	119.7	76.8	75.7	107.5	323.5	568.6	339.7
7:33:24	4:02:27	28.7	28.9	29.9	76.1	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.3	118.7	128.0	119.6	76.8	75.7	107.5	323.5	568.6	339.7
7:34:24	4:03:27	28.7	28.9	29.9	75.7	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	116.2	115.4	127.9	119.6	76.8	75.7	107.5	323.5	568.6	339.7
7:35:24	4:04:27	28.7	28.9	29.9	75.7	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	115.9	115.2	127.9	119.3	76.8	75.7	107.5	323.5	568.6	339.7
7:36:24	4:05:27	28.7	28.9	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.8	115.3	127.8	119.5	76.8	75.7	107.4	323.5	568.6	339.7
7:37:24	4:06:27	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.8	129.3	127.8	119.3	76.8	75.7	107.4	323.6	568.6	339.7
7:38:24	4:07:28	28.7	28.9	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.7	121.5	127.7	119.3	76.8	75.7	107.4	323.5	568.6	339.7
7:39:24	4:08:28	28.7	28.9	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	120.5	131.9	127.7	119.2	76.8	75.7	107.3	323.5	568.6	339.7
7:40:24	4:09:28	28.7	28.9	29.9	75.7	100.0	118.1	118.8	118.2	117.4	118.8	118.6	118.6	123.5	139.7	127.7	119.1	76.8	75.7	107.5	323.5	568.5	339.7
7:41:24	4:10:28	28.7	28.9	29.9	75.7	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	119.3	124.7	127.6	119.6	76.8	75.7	107.8	323.5	568.6	338.2
7:42:25	4:11:28	28.7	28.9	29.9	75.7	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.4	116.1	127.5	122.3	76.8	75.7	107.9	323.5	568.6	339.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000324

7:43:25	4:12:28	28.7	28.9	29.9	75.7	100.0	118.1	118.7	118.2	117.4	118.8	118.6	118.6	116.0	115.1	127.4	122.3	76.8	75.7	107.7	323.5	568.6	338.2
7:44:25	4:13:28	28.7	28.9	29.9	75.7	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	115.9	115.3	127.3	122.2	76.8	75.7	107.7	323.5	568.6	338.2
7:45:25	4:14:28	28.7	28.8	29.9	75.7	100.0	117.8	118.3	118.0	117.2	118.5	118.4	118.4	115.7	116.2	127.3	122.1	76.8	75.7	107.7	323.5	568.5	338.3
7:46:25	4:15:29	28.7	28.9	29.9	76.2	100.0	117.8	118.5	118.0	117.1	118.5	118.3	118.4	119.6	127.5	127.2	122.0	76.7	75.5	107.7	323.5	568.6	338.3
7:47:25	4:16:29	28.7	28.8	29.9	76.2	100.0	117.9	118.5	118.0	117.2	118.6	118.4	118.4	117.3	120.3	127.2	122.0	76.7	75.5	107.7	323.5	568.6	338.3
7:48:25	4:17:29	28.7	28.8	29.8	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.7	131.3	127.0	121.8	76.6	75.4	107.6	323.5	568.6	338.3
7:49:25	4:18:29	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	118.3	122.5	127.1	121.8	76.7	75.4	107.7	323.5	568.6	338.2
7:50:25	4:19:29	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	117.2	119.0	127.0	121.8	76.7	75.4	107.7	323.5	568.6	338.1
7:51:26	4:20:29	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.6	117.5	126.9	121.6	76.6	75.4	107.6	323.5	568.6	338.2
7:52:26	4:21:29	28.7	28.8	29.9	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.4	117.4	122.5	126.9	121.6	76.7	75.4	107.6	323.5	568.6	338.2
7:53:26	4:22:29	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.9	124.8	126.9	121.5	76.7	75.4	107.7	323.5	568.6	338.2
7:54:26	4:23:29	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.7	126.5	126.9	121.4	76.6	75.4	107.6	323.5	568.6	338.2
7:55:26	4:24:30	28.7	28.8	29.9	75.7	100.0	118.1	118.7	118.2	117.4	118.7	118.5	118.5	120.6	129.7	127.0	121.4	76.6	75.4	107.6	323.5	568.5	338.2
7:56:26	4:25:30	28.7	28.8	29.9	75.7	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	116.9	118.2	127.0	121.3	76.6	75.4	107.6	323.5	568.6	338.2
7:57:26	4:26:30	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	114.5	111.9	126.8	121.2	76.6	75.4	107.6	323.6	568.6	336.7
7:58:26	4:27:30	28.7	28.8	29.9	75.7	100.0	117.7	118.3	117.9	117.1	118.5	118.3	118.3	118.1	125.8	126.9	121.2	76.6	75.5	107.6	323.5	568.6	338.3
7:59:26	4:28:30	28.7	28.8	29.9	75.7	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.3	118.1	123.2	126.6	121.1	76.6	75.4	107.5	323.5	568.6	336.7
8:00:26	4:29:30	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.0	117.2	118.5	118.3	118.4	119.3	126.8	126.6	121.0	76.6	75.5	107.6	323.5	568.6	336.7
8:01:27	4:30:30	28.7	28.8	29.8	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.2	128.2	126.6	121.0	76.6	75.5	107.5	323.5	568.6	336.7
8:02:27	4:31:30	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.4	118.4	118.3	122.7	126.6	120.9	76.6	75.5	107.6	323.5	568.6	336.7
8:03:27	4:32:30	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.7	118.5	118.5	117.0	118.8	126.6	120.7	76.6	75.7	107.6	323.5	568.6	336.7
8:04:27	4:33:30	28.7	28.8	29.9	75.7	100.0	117.8	118.5	118.0	117.1	118.5	118.4	118.4	118.7	126.4	126.5	120.8	76.6	75.5	107.5	323.5	568.6	336.7
8:05:27	4:34:31	28.7	28.8	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.4	123.4	126.4	120.7	76.6	75.7	107.6	323.5	568.6	336.7
8:06:27	4:35:31	28.7	28.8	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.2	119.7	126.4	120.6	76.6	75.7	107.6	323.5	568.6	336.6
8:07:27	4:36:31	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.3	125.9	126.3	120.5	76.6	75.7	107.5	323.5	568.6	336.7
8:08:27	4:37:31	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.4	118.4	117.6	120.3	126.2	120.5	76.7	75.7	107.5	323.5	568.6	336.7
8:09:27	4:38:31	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.0	120.1	126.3	120.4	76.6	75.7	107.5	323.5	568.6	336.7
8:10:28	4:39:31	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	122.0	135.3	126.2	120.4	76.6	75.7	107.5	323.5	568.6	336.6
8:11:28	4:40:31	28.7	28.8	29.9	75.7	100.0	118.2	118.8	118.3	117.5	119.0	118.7	118.7	122.6	134.7	126.0	120.2	76.6	75.7	107.5	323.5	568.6	336.7
8:12:28	4:41:31	28.7	28.8	29.9	76.1	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.8	117.4	119.1	126.1	120.1	76.6	75.7	107.5	323.5	568.6	336.3
8:13:28	4:42:31	28.7	28.8	29.9	75.7	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.7	116.1	115.3	126.0	120.1	76.6	75.7	107.5	323.5	568.6	336.7
8:14:28	4:43:32	28.7	28.8	29.9	75.7	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.6	115.9	115.2	125.9	120.0	76.6	75.7	107.5	323.5	568.6	336.7
8:15:28	4:44:32	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.7	115.3	126.0	119.8	76.6	75.7	107.4	323.5	568.6	336.7
8:16:28	4:45:32	28.7	28.8	29.9	75.7	100.0	117.8	118.3	118.0	117.1	118.6	118.4	118.4	119.8	129.0	125.9	119.8	76.6	75.7	107.4	323.5	568.6	336.7
8:17:28	4:46:32	28.7	28.8	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.6	121.2	126.0	119.8	76.6	75.7	107.4	323.5	568.6	336.7
8:18:28	4:47:32	28.7	28.8	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	120.7	132.5	125.9	119.8	76.6	75.7	107.3	323.5	568.6	336.7
8:19:29	4:48:32	28.7	28.8	29.9	75.7	100.0	118.1	118.8	118.2	117.4	118.9	118.6	118.6	123.6	139.8	125.8	119.7	76.6	75.7	107.5	323.6	568.6	336.7
8:20:29	4:49:32	28.7	28.8	29.9	75.7	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.8	118.9	123.7	125.8	119.6	76.6	75.8	107.5	323.5	568.6	336.7
8:21:29	4:50:32	28.7	28.8	29.9	76.2	100.0	118.2	118.8	118.3	117.5	119.0	118.6	118.7	116.3	115.9	125.7	119.6	76.6	75.8	107.4	323.5	568.6	336.7
8:22:29	4:51:32	28.7	28.8	29.9	75.7	100.0	118.1	118.8	118.3	117.4	118.7	118.5	118.6	116.0	115.1	125.7	119.6	76.7	75.9	107.4	323.6	568.6	336.7
8:23:29	4:52:32	28.7	28.8	29.9	76.2	100.0	118.0	118.6	118.1	117.3	118.6	118.5	118.5	115.8	115.3	125.7	119.5	76.6	75.9	107.4	323.5	568.6	336.7
8:24:29	4:53:33	28.7	28.8	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.6	115.3	125.6	119.3	76.7	75.9	107.4	323.5	568.6	336.7
	BEGIN GAS ADDITION (3) (gbonilla) 06/29/2015 08:08:25																						
8:24:34	4:53:38	28.7	28.8	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.6	115.9	125.6	119.3	76.6	75.9	107.4	323.5	568.6	336.7
	END GAS ADDITION (4) (gbonilla) 06/29/2015 08:08:37																						
8:24:46	4:53:50	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.4	120.3	125.5	119.3	77.4	75.9	107.3	323.6	568.6	336.7
8:25:29	4:54:33	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	120.3	131.9	125.5	119.3	81.4	76.0	107.4	323.6	568.6	339.7
8:26:29	4:55:33	29.0	29.2	29.9	76.6	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	123.2	139.4	125.4	119.3	80.9	76.0	107.4	323.6	568.6	338.2
8:27:29	4:56:33	29.0	29.2	29.9	76.1	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.7	120.4	128.4	125.4	119.2	80.3	76.0	107.4	323.5	568.6	336.7
8:28:30	4:57:33	29.0	29.2	29.9	76.2	100.0	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.5	116.8	125.5	119.1	79.8	76.0	107.4	323.5	568.6	335.2
8:29:30	4:58:33	29.0	29.2	29.9	76.2	100.0	118.2	118.8	118.3	117.5	118.9	118.7	118.7	116.0	115.2	125.3	121.9	79.6	76.0	109.0	323.6	568.6	335.2
8:30:30	4:59:33	29.0	29.2	29.9	76.2	100.0	118.1	118.7	118.2	117.4	118.7	118.5	118.6	115.9	115.1	125.2	122.2	79.2	76.0	107.7	323.6	568.6	335.2
8:31:30	5:00:33	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.5	118.4	118.4	115.6	115.2	125.2	122.1	78.9	76.0	107.6	323.5	568.5	333.6
8:32:30	5:01:33	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.0	117.1	118.4	118.3	118.4	116.4	120.7	125.1	122.1	78.7	76.0	107.7	323.5	568.6	333.7
8:33:30	5:02:34	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.4	119.0	126.4	125.1	122.0	78.4	76.2	107.7	323.5	568.6	333.6
8:34:30	5:03:34	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.8	129.4	125.1	122.0	78.3	76.2	107.8	323.5	568.6	333.6
8:35:30	5:04:34	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.8	122.0	124.9	121.9	78.1	76.2	107.7	323.5	568.6	333.6
8:36:30	5:05:34	29.0	29.1	29.9	76.2	100.0	118.0	118.7	118.1	117.2	118.8	118.5	118.6	121.8	135.4	125.0	121.8	78.0	76.2	107.8	323.5	568.6	333.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000325

8:37:30	5:06:34	29.0	29.2	29.9	76.2	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	122.6	134.8	124.9	121.8	77.9	76.2	107.9	323.5	568.6	333.6
8:38:31	5:07:34	29.0	29.2	29.9	76.1	100.0	118.3	118.9	118.4	117.6	119.0	118.7	118.8	117.5	119.1	124.8	121.7	77.8	76.2	107.9	323.5	568.6	333.6
8:39:31	5:08:34	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.6	118.7	116.2	115.4	124.6	121.6	77.7	76.2	107.8	323.5	568.5	333.6
8:40:31	5:09:34	29.0	29.1	29.9	76.2	100.0	118.1	118.7	118.2	117.4	118.8	118.5	118.6	116.0	115.2	124.7	121.6	77.6	76.3	107.8	323.5	568.5	333.7
8:41:31	5:10:34	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.5	115.7	115.3	124.6	121.5	77.5	76.3	107.8	323.5	568.6	333.6
8:42:31	5:11:35	29.0	29.1	29.9	76.2	100.0	117.8	118.3	118.0	117.2	118.4	118.3	118.4	115.7	117.4	124.5	121.4	77.5	76.2	107.8	323.5	568.5	333.7
8:43:31	5:12:35	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.0	117.2	118.5	118.3	118.4	119.4	127.4	124.4	121.4	77.4	76.2	107.8	323.5	568.5	333.7
8:44:31	5:13:35	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.3	128.6	124.4	121.3	77.4	76.3	107.8	323.6	568.6	333.7
8:45:31	5:14:35	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	118.1	122.6	124.5	121.2	77.3	76.3	107.8	323.5	568.6	333.6
8:46:31	5:15:35	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.0	118.9	124.5	121.2	77.4	76.3	107.8	323.5	568.6	333.6
8:47:32	5:16:35	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.4	117.3	124.5	121.1	77.3	76.4	107.8	323.5	568.6	332.2
8:48:32	5:17:35	29.0	29.1	29.9	76.2	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.4	119.8	129.1	124.3	121.0	77.2	76.4	107.8	323.5	568.6	333.7
8:49:32	5:18:35	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.1	118.6	118.4	118.4	117.8	122.1	124.3	121.0	77.2	76.4	107.8	323.5	568.6	333.7
8:50:32	5:19:35	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	120.8	130.5	124.2	120.9	77.2	76.4	107.8	323.6	568.6	333.7
8:51:32	5:20:36	29.0	29.1	29.9	76.2	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	118.3	122.3	124.2	120.8	77.2	76.4	107.9	323.5	568.6	332.2
8:52:32	5:21:36	29.0	29.1	29.9	76.2	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	117.3	119.1	124.1	120.8	77.2	76.4	107.8	323.5	568.6	332.2
8:53:32	5:22:36	29.0	29.1	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	116.7	117.7	124.1	120.7	77.2	76.6	107.8	323.5	568.6	333.7
8:54:32	5:23:36	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.4	117.0	127.3	120.7	77.3	76.7	107.8	323.5	568.5	332.1
8:55:32	5:24:36	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	116.8	121.0	129.0	120.5	77.2	76.6	107.8	323.5	568.6	332.2
8:56:33	5:25:36	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	118.9	125.7	128.7	120.5	77.2	76.7	107.9	323.5	568.6	332.2
8:57:33	5:26:36	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.5	118.4	118.4	119.3	128.6	128.6	120.4	77.3	76.7	107.8	323.6	568.6	332.2
8:58:33	5:27:36	29.0	29.1	29.9	76.2	100.0	118.1	118.8	118.3	117.4	118.8	118.5	118.5	123.0	138.5	128.7	120.4	77.2	76.8	107.9	323.5	568.6	332.2
8:59:33	5:28:36	29.0	29.1	29.9	76.2	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	118.9	123.7	128.7	120.3	77.2	76.9	107.9	323.5	568.6	332.2
9:00:33	5:29:37	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	116.3	116.1	128.7	120.2	77.3	76.9	107.9	323.5	568.6	332.1
9:01:33	5:30:37	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.2	117.4	118.7	118.5	118.6	116.0	115.2	128.7	120.2	77.3	77.0	107.9	323.6	568.6	332.1
9:02:33	5:31:37	29.0	29.1	29.9	75.7	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	115.8	115.3	128.6	120.1	77.3	77.0	107.9	323.5	568.6	332.2
9:03:33	5:32:37	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	116.1	119.1	128.6	120.0	77.4	77.1	107.9	323.5	568.6	332.2
9:04:34	5:33:37	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.2	126.5	128.6	119.8	77.4	77.1	107.9	323.5	568.6	332.2
9:05:34	5:34:37	29.0	29.1	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.3	128.9	128.5	119.8	77.4	77.2	107.9	323.5	568.6	332.1
9:06:34	5:35:37	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	123.0	138.6	128.5	119.8	77.5	77.3	107.9	323.5	568.6	332.1
9:07:34	5:36:37	29.0	29.1	29.9	76.2	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.8	119.2	124.7	128.4	119.8	77.4	77.4	108.1	323.5	568.6	332.2
9:08:34	5:37:37	29.0	29.1	29.9	76.2	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.3	116.2	128.4	119.7	77.5	77.4	108.0	323.5	568.6	332.2
9:09:34	5:38:38	29.0	29.1	29.9	76.2	100.0	118.1	118.7	118.2	117.4	118.8	118.5	118.6	115.9	115.2	128.4	119.6	77.5	77.5	108.1	323.5	568.6	332.2
9:10:34	5:39:38	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.5	115.8	115.3	128.2	119.6	77.5	77.5	108.0	323.6	568.6	332.2
9:11:34	5:40:38	29.0	29.1	29.9	75.7	100.0	117.8	118.3	118.0	117.2	118.5	118.4	118.4	117.0	122.0	128.2	119.5	77.5	77.6	108.1	323.5	568.6	332.1
9:12:34	5:41:38	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	119.8	128.0	128.1	119.5	77.7	77.6	108.0	323.5	568.6	332.1
9:13:35	5:42:38	29.0	29.1	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	117.5	120.7	128.1	119.3	77.6	77.7	108.1	323.5	568.6	332.2
9:14:35	5:43:38	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.6	118.1	128.1	119.3	77.6	77.7	108.0	323.5	568.6	332.2
9:15:35	5:44:38	29.0	29.1	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.3	117.8	128.1	119.3	77.7	77.8	108.1	323.5	568.6	332.1
9:16:35	5:45:38	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	120.0	129.1	128.1	119.2	77.7	77.9	108.1	323.5	568.6	332.1
9:17:35	5:46:39	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	117.8	121.5	128.0	119.2	77.8	77.9	108.1	323.6	568.5	332.1
9:18:35	5:47:39	29.0	29.1	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	116.9	118.5	127.9	119.8	77.8	77.9	108.7	323.5	568.6	332.1
9:19:35	5:48:39	29.0	29.1	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.6	128.9	127.9	122.4	77.9	77.9	108.5	323.5	568.6	332.2
9:20:35	5:49:39	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.2	118.8	118.5	118.5	119.2	125.2	127.9	122.3	77.9	78.0	108.6	323.5	568.5	332.2
9:21:35	5:50:39	29.0	29.1	29.9	76.2	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	116.8	117.9	127.9	122.2	77.9	78.0	108.5	323.5	568.6	332.2
9:22:36	5:51:39	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	114.6	114.2	127.8	122.1	77.9	78.0	108.5	323.5	568.5	332.2
9:23:36	5:52:39	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.5	118.4	118.4	119.6	129.0	127.7	122.0	77.9	78.0	108.5	323.5	568.6	332.1
9:24:36	5:53:39	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.4	126.2	127.7	122.0	78.0	78.1	108.6	323.5	568.6	332.1
9:25:36	5:54:39	29.0	29.1	29.9	76.1	100.0	118.0	118.7	118.1	117.2	118.6	118.4	118.4	118.9	125.2	127.6	122.0	78.0	78.0	108.6	323.5	568.6	332.1
9:26:36	5:55:40	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.0	117.2	118.6	118.5	118.5	117.4	119.8	127.5	121.8	78.0	78.0	108.6	323.5	568.5	332.2
9:27:36	5:56:40	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.7	117.8	127.5	121.8	78.0	78.0	108.6	323.5	568.6	332.2
9:28:36	5:57:40	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.9	130.2	127.5	121.7	78.0	78.1	108.6	323.5	568.5	332.1
9:29:36	5:58:40	29.0	29.1	29.9	76.6	100.0	118.1	118.8	118.2	117.3	118.8	118.5	118.6	123.2	138.6	127.4	121.7	78.1	78.0	108.7	323.5	568.6	332.2
9:30:37	5:59:40	29.0	29.1	29.9	76.2	100.0	118.2	118.8	118.3	117.4	118.9	118.7	118.7	118.3	122.4	127.5	121.6	78.1	78.0	108.7	323.5	568.6	332.2
9:31:37	6:00:40	29.0	29.1	29.9	76.2	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.2	115.9	127.4	121.5	78.1	78.0	108.7	323.5	568.6	330.7
9:32:37	6:01:40	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	115.9	115.2	127.3	121.4	78.1	78.0	108.7	323.5	568.6	330.7
9:33:37	6:02:40	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	115.8	115.4	127.3	121.4	78.1	78.0	108.7	323.5	568.6	330.6
9:34:37	6:03:40	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.4	129.0	127.2	121.3	78.1	78.0	108.7	323.6	568.5	330.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000326

9:35:37	6:04:41	29.0	29.1	29.9	76.1	100.0	118.0	118.7	118.2	117.3	118.6	118.5	118.4	119.3	126.3	127.2	121.2	78.1	78.0	108.7	323.5	568.6	330.6
9:36:37	6:05:41	29.0	29.1	29.9	76.1	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	117.5	120.3	127.2	121.2	78.2	78.0	108.7	323.5	568.5	330.6
9:37:37	6:06:41	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	116.7	118.0	127.1	121.1	78.2	78.0	108.7	323.5	568.6	330.7
9:38:37	6:07:41	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	117.4	122.5	127.1	121.0	78.2	78.0	108.7	323.5	568.6	330.6
9:39:38	6:08:41	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.9	124.7	127.1	121.0	78.2	78.0	108.7	323.6	568.6	330.6
9:40:38	6:09:41	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	117.3	119.7	127.1	120.9	78.2	77.9	108.7	323.6	568.6	330.6
9:41:38	6:10:41	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.2	127.6	127.0	120.8	78.2	77.9	108.7	323.5	568.5	330.6
9:42:38	6:11:41	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.2	117.4	118.8	118.6	118.6	122.9	138.1	126.9	120.8	78.2	78.0	108.7	323.6	568.5	330.6
9:43:38	6:12:42	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.3	117.4	118.9	118.6	118.6	118.7	123.4	126.9	120.7	78.1	78.0	108.7	323.6	568.6	330.6
9:44:38	6:13:42	29.0	29.1	29.9	76.2	100.0	118.1	118.8	118.2	117.4	118.9	118.6	118.6	116.2	116.0	126.9	120.6	78.2	78.0	108.7	323.5	568.6	330.6
9:45:38	6:14:42	29.0	29.1	29.9	76.1	100.0	118.0	118.7	118.2	117.3	118.8	118.6	118.6	116.0	115.2	126.8	120.5	78.3	78.0	108.7	323.6	568.5	330.6
9:46:38	6:15:42	29.0	29.1	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.5	115.8	115.3	126.7	120.5	78.2	78.0	108.7	323.5	568.5	330.6
9:47:38	6:16:42	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	118.6	126.6	126.6	120.4	78.3	78.0	108.7	323.5	568.5	330.6
9:48:39	6:17:42	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.2	123.3	126.6	120.3	78.3	78.0	108.6	323.5	568.5	330.6
9:49:39	6:18:42	29.0	29.1	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.3	122.1	126.6	120.3	78.3	78.0	108.6	323.5	568.6	330.6
9:50:39	6:19:42	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	119.6	127.2	126.6	120.2	78.2	78.0	108.7	323.6	568.6	330.6
9:51:39	6:20:42	29.0	29.1	29.9	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.4	117.7	120.8	126.5	120.1	78.3	78.0	108.7	323.6	568.6	330.6
9:52:39	6:21:43	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	116.9	118.3	126.5	120.1	78.3	78.0	108.7	323.5	568.6	330.7
9:53:39	6:22:43	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.4	117.2	126.3	120.0	78.3	78.0	108.6	323.5	568.6	330.7
9:54:39	6:23:43	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.3	129.4	126.3	120.0	78.3	78.0	108.7	323.5	568.5	330.7
9:55:39	6:24:43	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.0	121.8	126.3	119.8	78.3	77.9	108.6	323.5	568.6	330.6
9:56:39	6:25:43	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.1	118.6	118.4	118.4	117.0	118.8	126.3	119.8	78.3	78.1	108.7	323.5	568.5	330.6
9:57:40	6:26:43	29.0	29.1	29.9	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	121.6	134.5	126.2	119.8	78.4	78.1	108.7	323.5	568.6	330.6
9:58:40	6:27:43	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.4	117.4	119.0	118.7	118.7	122.2	133.9	126.3	119.7	78.4	78.2	108.8	323.5	568.6	330.7
9:59:40	6:28:43	29.0	29.1	29.9	76.6	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	117.3	118.8	126.1	119.6	78.4	78.1	108.7	323.5	568.6	330.7
10:00:40	6:29:43	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.3	117.5	118.9	118.7	118.7	116.1	115.4	126.1	119.5	78.4	78.3	108.7	323.5	568.6	330.7
10:01:40	6:30:44	29.0	29.1	29.9	76.6	100.0	118.1	118.7	118.2	117.4	118.7	118.5	118.5	116.0	115.4	126.0	119.6	78.5	78.2	108.7	323.5	568.6	330.7
10:02:40	6:31:44	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	115.8	115.4	126.0	119.5	78.5	78.3	108.7	323.5	568.6	329.1
10:03:40	6:32:44	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.6	116.4	125.9	119.3	78.5	78.3	108.6	323.5	568.6	329.1
10:04:40	6:33:44	29.0	29.1	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.4	127.6	125.9	119.3	78.5	78.3	108.7	323.5	568.6	329.2
10:05:40	6:34:44	29.0	29.1	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	118.9	128.0	125.9	119.2	78.5	78.4	108.7	323.5	568.6	329.2
10:06:41	6:35:44	29.0	29.1	29.9	76.6	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.5	122.8	138.2	125.8	119.2	78.6	78.4	108.7	323.5	568.6	329.2
10:07:41	6:36:44	29.0	29.1	29.9	76.6	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	119.6	126.0	125.7	119.1	78.5	78.4	108.7	323.5	568.6	329.1
10:08:41	6:37:44	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.4	116.5	125.7	122.3	78.6	78.5	109.4	323.5	568.6	329.1
10:09:41	6:38:45	29.0	29.1	29.9	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.0	115.2	125.7	122.3	78.6	78.5	109.1	323.6	568.6	329.1
10:10:41	6:39:45	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	115.9	115.3	125.6	122.2	78.6	78.4	109.0	323.6	568.6	329.2
10:11:41	6:40:45	29.0	29.1	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	115.7	115.4	125.5	122.2	78.6	78.5	109.1	323.5	568.6	329.2
10:12:41	6:41:45	29.0	29.1	29.9	76.6	100.0	117.8	118.3	118.0	117.1	118.5	118.4	118.4	119.8	128.8	125.4	122.1	78.6	78.5	109.0	323.5	568.6	329.1
10:13:41	6:42:45	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	118.0	124.6	125.5	122.0	78.6	78.5	109.1	323.5	568.6	329.1
10:14:42	6:43:45	29.0	29.1	29.9	76.7	100.0	118.0	118.7	118.2	117.2	118.7	118.5	118.5	122.4	136.9	125.4	122.0	78.7	78.6	109.1	323.5	568.6	329.2
10:15:42	6:44:45	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	120.3	128.0	125.4	121.9	78.7	78.6	109.2	323.6	568.6	329.1
10:16:42	6:45:45	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.6	118.7	116.5	116.8	125.3	121.8	78.8	78.6	109.1	323.5	568.6	329.1
10:17:42	6:46:45	29.0	29.1	29.9	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.0	115.2	125.3	121.8	78.8	78.7	109.2	323.5	568.5	329.1
10:18:42	6:47:46	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	115.9	115.3	125.3	121.7	78.8	78.7	109.1	323.5	568.6	329.1
10:19:42	6:48:46	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.7	115.4	125.3	121.7	78.8	78.8	109.2	323.5	568.6	327.6
10:20:42	6:49:46	29.0	29.1	29.9	76.2	100.0	117.8	118.3	118.0	117.1	118.5	118.3	118.3	117.8	124.7	125.3	121.6	78.9	78.8	109.1	323.5	568.6	327.6
10:21:42	6:50:46	29.0	29.1	29.9	76.6	100.0	117.8	118.3	118.1	117.1	118.6	118.4	118.4	118.4	124.2	125.3	121.5	78.8	78.9	109.2	323.5	568.6	327.6
10:22:42	6:51:46	29.0	29.1	29.9	76.6	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	120.7	132.8	125.2	121.4	78.9	78.9	109.2	323.5	568.6	327.6
10:23:43	6:52:46	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.8	118.5	118.6	123.6	140.1	125.1	121.4	78.9	78.9	109.2	323.5	568.6	327.6
10:24:43	6:53:46	29.0	29.1	29.9	76.1	100.0	118.3	118.9	118.4	117.5	119.1	118.7	118.7	119.0	124.2	125.2	121.3	78.9	78.9	109.3	323.6	568.6	327.6
10:25:43	6:54:46	29.0	29.1	29.9	76.6	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.4	116.1	125.0	121.2	79.0	78.9	109.3	323.5	568.6	327.6
10:26:43	6:55:46	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.7	116.1	115.3	125.0	121.2	78.9	79.0	109.3	323.5	568.6	327.6
10:27:43	6:56:47	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.4	118.6	118.5	118.5	116.0	115.5	124.9	121.1	79.1	79.0	109.3	323.5	568.6	327.7
10:28:43	6:57:47	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	115.8	115.6	124.9	121.1	79.0	79.0	109.3	323.5	568.6	327.6
10:29:43	6:58:47	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.0	117.2	118.5	118.4	118.4	118.9	127.7	124.9	121.0	79.0	79.0	109.3	323.5	568.6	327.6
10:30:43	6:59:47	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	118.1	123.0	124.7	120.9	79.0	79.0	109.2	323.5	568.6	327.6
10:31:43	7:00:47	29.0	29.1	29.9	76.2	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	116.9	118.9	124.7	120.9	79.1	79.0	109.3	323.5	568.6	327.7
10:32:43	7:01:47	29.0	29.1	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	116.9	121.2	124.7	120.8	79.1	79.0	109.2	323.5	568.5	327.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000327

10:33:44	7:02:47	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.0	125.8	124.6	120.7	79.1	79.0	109.3	323.5	568.6	327.6
10:34:44	7:03:47	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.5	117.3	120.1	124.6	120.7	79.1	79.0	109.3	323.5	568.6	327.6
10:35:44	7:04:47	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.6	117.9	124.5	120.5	79.1	79.0	109.2	323.5	568.6	327.5
10:36:44	7:05:47	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.1	117.1	118.5	118.3	118.3	118.7	126.3	124.5	120.5	79.1	79.0	109.3	323.5	568.6	327.6
10:37:44	7:06:48	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.4	123.6	124.5	120.5	79.1	79.1	109.3	323.6	568.5	327.7
10:38:44	7:07:48	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	119.8	129.7	124.4	120.4	79.1	79.1	109.3	323.5	568.6	327.6
10:39:44	7:08:48	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	123.3	139.1	124.4	120.4	79.2	79.1	109.3	323.5	568.6	327.6
10:40:44	7:09:48	29.0	29.1	29.9	76.6	100.0	118.3	118.9	118.4	117.5	119.1	118.8	118.8	119.6	125.4	124.4	120.3	79.2	79.1	109.3	323.5	568.6	327.5
10:41:44	7:10:48	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.5	116.3	124.3	120.1	79.2	79.1	109.3	323.5	568.6	327.6
10:42:45	7:11:48	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.8	118.6	118.6	116.1	115.3	124.2	120.1	79.2	79.1	109.3	323.5	568.6	327.6
10:43:45	7:12:48	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.6	116.0	115.5	124.1	120.0	79.2	79.1	109.3	323.5	568.5	327.6
10:44:45	7:13:48	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.5	118.4	118.4	115.8	115.6	124.2	119.8	79.2	79.2	109.2	323.5	568.5	327.6
10:45:45	7:14:48	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.3	118.4	118.1	125.2	124.0	119.8	79.3	79.2	109.3	323.5	568.6	327.6
10:46:45	7:15:48	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	118.4	124.0	129.2	119.8	79.3	79.2	109.3	323.6	568.6	327.6
10:47:45	7:16:49	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	118.4	126.1	129.0	119.8	79.3	79.2	109.3	323.5	568.6	327.6
10:48:45	7:17:49	29.0	29.1	29.9	76.1	100.0	118.0	118.7	118.2	117.3	118.8	118.5	118.6	122.7	137.6	129.0	119.8	79.3	79.3	109.3	323.5	568.6	327.6
10:49:45	7:18:49	29.0	29.1	29.9	76.6	100.0	118.3	118.9	118.4	117.5	119.0	118.7	118.7	120.0	127.3	128.8	119.7	79.3	79.3	109.3	323.5	568.6	327.6
10:50:45	7:19:49	29.0	29.1	29.9	76.2	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.5	116.7	128.8	119.6	79.3	79.3	109.3	323.5	568.5	327.6
10:51:46	7:20:49	29.0	29.1	29.9	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.5	118.6	116.1	115.3	128.8	119.6	79.4	79.4	109.3	323.5	568.6	327.6
10:52:46	7:21:49	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.4	118.7	118.5	118.6	116.0	115.5	128.7	119.5	79.4	79.4	109.3	323.5	568.6	327.6
10:53:46	7:22:49	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	115.5	128.8	119.3	79.4	79.4	109.3	323.5	568.6	327.7
10:54:46	7:23:49	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.4	129.1	128.8	119.3	79.5	79.4	109.3	323.6	568.6	327.6
10:55:46	7:24:50	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.1	117.3	118.7	118.5	118.5	118.3	123.1	128.7	119.3	79.4	79.5	109.3	323.5	568.5	326.1
10:56:46	7:25:50	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.4	117.0	119.1	128.7	119.3	79.6	79.6	109.3	323.5	568.6	327.6
10:57:46	7:26:50	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.4	117.4	128.7	119.2	79.5	79.6	109.2	323.5	568.6	326.1
10:58:46	7:27:50	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.0	129.9	128.6	119.2	79.6	79.6	109.3	323.5	568.6	326.1
10:59:46	7:28:50	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.7	118.4	118.5	118.3	122.8	128.6	119.1	79.6	79.7	109.3	323.5	568.6	327.6
11:00:47	7:29:50	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.1	119.1	128.5	121.7	79.6	79.8	111.0	323.5	568.6	326.1
11:01:47	7:30:50	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.6	117.6	128.5	122.4	79.7	79.8	109.8	323.5	568.6	326.2
11:02:47	7:31:50	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	118.6	126.1	128.5	122.3	79.8	79.9	109.7	323.5	568.5	326.1
11:03:47	7:32:50	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.4	123.9	128.4	122.2	79.7	79.9	109.8	323.5	568.5	326.1
11:04:47	7:33:51	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.5	117.2	119.6	128.4	122.2	79.8	80.0	109.8	323.5	568.5	326.1
11:05:47	7:34:51	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.7	117.8	128.4	122.1	79.9	80.1	109.8	323.5	568.6	326.1
11:06:47	7:35:51	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	119.8	129.3	128.3	122.1	79.9	80.1	109.8	323.6	568.5	326.1
11:07:47	7:36:51	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.4	118.3	122.9	128.3	122.1	80.0	80.1	109.9	323.5	568.6	326.1
11:08:47	7:37:51	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.5	117.2	119.3	128.2	122.0	80.0	80.1	109.9	323.5	568.6	326.1
11:09:48	7:38:51	29.0	29.1	29.9	76.3	100.0	117.9	118.5	118.1	117.1	118.5	118.4	118.4	116.6	117.7	128.2	121.9	80.0	80.2	109.9	323.5	568.5	326.1
11:10:48	7:39:51	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	121.2	133.8	128.1	121.8	80.0	80.2	109.9	323.5	568.5	326.1
11:11:48	7:40:51	29.0	29.1	29.9	76.2	100.0	118.2	118.8	118.4	117.4	118.9	118.6	118.6	123.4	137.9	128.1	121.7	80.0	80.2	110.0	323.6	568.5	326.1
11:12:48	7:41:51	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	118.1	121.1	128.0	121.8	80.1	80.2	110.0	323.5	568.6	326.1
11:13:48	7:42:52	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.3	115.7	128.0	121.7	80.1	80.2	110.0	323.5	568.6	326.1
11:14:48	7:43:52	29.0	29.1	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.7	118.5	118.6	116.1	115.4	127.8	121.5	80.1	80.1	110.0	323.5	568.6	326.1
11:15:48	7:44:52	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	116.0	115.6	127.7	121.5	80.2	80.2	110.0	323.5	568.6	326.1
11:16:48	7:45:52	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	115.7	127.8	121.5	80.2	80.2	110.0	323.5	568.6	326.1
11:17:48	7:46:52	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	119.8	129.1	127.7	121.3	80.2	80.2	110.0	323.5	568.6	324.6
11:18:49	7:47:52	29.0	29.1	29.9	76.2	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.7	121.6	127.8	121.3	80.2	80.2	109.9	323.5	568.5	324.6
11:19:49	7:48:52	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	116.9	120.3	127.7	121.3	80.2	80.2	110.0	323.6	568.6	324.5
11:20:49	7:49:52	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	121.8	135.3	127.5	121.2	80.3	80.2	110.0	323.5	568.6	324.6
11:21:49	7:50:52	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.7	123.2	136.8	127.5	121.1	80.3	80.2	110.1	323.5	568.5	324.6
11:22:49	7:51:53	29.0	29.1	29.9	76.1	100.0	118.3	118.9	118.5	117.6	119.1	118.7	118.7	117.8	120.4	127.4	121.0	80.3	80.2	110.0	323.5	568.5	324.6
11:23:49	7:52:53	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.3	115.7	127.5	121.0	80.4	80.3	110.1	323.6	568.6	324.6
11:24:49	7:53:53	29.0	29.1	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.1	115.4	127.5	120.9	80.4	80.3	110.1	323.5	568.5	324.6
11:25:49	7:54:53	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.6	116.0	115.7	127.4	120.8	80.4	80.4	110.1	323.5	568.6	324.6
11:26:50	7:55:53	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	115.9	115.7	127.4	120.8	80.4	80.4	110.0	323.5	568.6	324.6
11:27:50	7:56:53	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	118.8	127.1	127.3	120.8	80.5	80.4	110.0	323.5	568.6	324.6
11:28:50	7:57:53	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	118.3	123.7	127.2	120.7	80.5	80.5	110.0	323.5	568.6	324.6
11:29:50	7:58:53	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	117.0	119.2	127.2	120.7	80.5	80.6	110.1	323.5	568.6	324.6
11:30:50	7:59:53	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	116.4	117.5	127.2	120.5	80.5	80.7	110.1	323.6	568.6	324.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000328

11:31:50	8:00:54	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	119.9	128.6	127.1	120.5	80.6	80.7	110.1	323.5	568.6	324.6
11:32:50	8:01:54	29.0	29.1	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	117.8	121.4	127.2	120.5	80.6	80.7	110.1	323.5	568.6	324.6
11:33:50	8:02:54	29.0	29.1	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.5	116.9	118.5	127.2	120.4	80.6	80.7	110.1	323.5	568.5	324.6
11:34:50	8:03:54	29.0	29.1	29.9	75.7	100.0	117.8	118.3	118.1	117.1	118.6	118.4	118.4	118.7	126.3	127.1	120.3	80.7	80.8	110.1	323.5	568.5	324.6
11:35:50	8:04:54	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	118.7	123.6	127.1	120.3	80.8	80.8	110.1	323.5	568.6	324.6
11:36:51	8:05:54	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.5	118.5	117.2	119.5	127.0	120.2	80.7	80.8	110.1	323.5	568.6	324.6
11:37:51	8:06:54	29.0	29.1	29.9	75.7	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.7	117.8	126.9	120.1	80.7	80.8	110.1	323.5	568.6	324.6
11:38:51	8:07:54	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.9	129.1	126.9	120.1	80.8	80.9	110.2	323.5	568.6	324.6
11:39:51	8:08:54	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	118.0	122.0	126.8	120.0	80.7	80.8	110.1	323.5	568.5	324.6
11:40:51	8:09:55	29.0	29.1	29.9	76.1	100.0	117.9	118.6	118.1	117.2	118.6	118.4	118.4	117.1	118.9	126.7	120.0	80.8	80.8	110.1	323.5	568.5	324.6
11:41:51	8:10:55	29.0	29.1	29.9	75.7	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	116.9	120.4	126.6	119.8	80.8	80.8	110.1	323.5	568.6	324.6
11:42:51	8:11:55	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	121.9	135.5	126.6	119.8	80.8	80.8	110.1	323.5	568.6	324.6
11:43:51	8:12:55	29.0	29.1	29.9	75.7	100.0	118.2	118.8	118.4	117.4	118.9	118.7	118.7	123.0	135.9	126.5	119.8	80.8	80.8	110.1	323.5	568.5	324.6
11:44:52	8:13:55	29.0	29.1	29.9	76.1	100.0	118.3	118.9	118.5	117.6	119.1	118.8	118.8	117.8	119.9	126.6	119.7	80.8	80.8	110.2	323.5	568.6	324.6
11:45:52	8:14:55	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.3	115.6	126.6	119.6	80.8	80.9	110.2	323.6	568.6	324.6
11:46:52	8:15:55	29.0	29.1	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.8	118.5	118.6	116.2	115.5	126.4	119.6	80.9	80.8	110.1	323.5	568.6	324.6
11:47:52	8:16:55	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.3	117.3	118.6	118.5	118.5	116.1	115.7	126.4	119.5	80.9	80.8	110.0	323.5	568.6	324.5
11:48:52	8:17:55	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	115.7	126.3	119.5	80.9	80.8	110.1	323.5	568.6	324.6
11:49:52	8:18:56	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.3	118.3	119.2	128.2	126.3	119.3	80.9	80.8	110.1	323.5	568.6	324.6
11:50:52	8:19:56	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.1	122.8	126.2	119.3	80.9	80.9	110.0	323.5	568.6	324.6
11:51:52	8:20:56	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	121.0	133.1	126.1	119.3	80.9	80.8	110.0	323.5	568.6	324.6
11:52:52	8:21:56	29.0	29.1	29.9	76.1	100.0	118.1	118.8	118.3	117.4	118.9	118.6	118.6	122.1	133.8	126.2	119.2	80.9	80.9	110.1	323.6	568.5	324.6
11:53:52	8:22:56	29.0	29.1	29.9	76.1	100.0	118.3	118.9	118.4	117.5	118.9	118.7	118.7	117.3	118.8	126.1	119.2	81.0	80.9	110.1	323.5	568.6	324.6
11:54:53	8:23:56	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.8	118.6	118.6	116.2	115.6	126.1	119.2	81.0	81.0	110.1	323.5	568.6	324.6
11:55:53	8:24:56	29.0	29.1	29.9	76.2	100.0	118.1	118.7	118.3	117.4	118.7	118.5	118.6	116.1	115.5	126.1	119.3	81.0	81.0	110.1	323.6	568.6	324.6
11:56:53	8:25:56	29.0	29.1	29.9	76.1	100.0	118.0	118.5	118.2	117.3	118.6	118.4	118.5	115.9	115.7	126.0	122.5	81.0	81.1	110.7	323.5	568.6	324.6
11:57:53	8:26:56	29.0	29.1	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	118.8	127.0	126.0	122.4	81.0	81.1	110.4	323.6	568.6	324.6
11:58:53	8:27:57	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.1	117.3	118.6	118.4	118.4	118.3	123.2	125.9	122.4	81.1	81.1	110.5	323.5	568.5	324.6
11:59:53	8:28:57	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	117.0	119.1	125.8	122.4	81.1	81.1	110.5	323.5	568.6	324.6
12:00:53	8:29:57	29.0	29.1	29.9	76.1	100.0	117.8	118.3	118.1	117.1	118.6	118.4	118.4	119.3	128.2	125.9	122.2	81.0	81.2	110.5	323.6	568.5	324.6
12:01:53	8:30:57	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	118.7	123.7	125.9	122.3	81.1	81.2	110.6	323.5	568.6	324.6
12:02:53	8:31:57	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	117.4	119.6	125.8	122.2	81.1	81.2	110.5	323.5	568.5	324.6
12:03:54	8:32:57	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.7	117.8	125.7	122.0	81.1	81.2	110.5	323.6	568.5	324.6
12:04:54	8:33:57	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	117.7	123.2	125.6	122.0	81.1	81.1	110.5	323.6	568.6	324.6
12:05:54	8:34:57	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	118.9	124.7	125.5	121.9	81.1	81.1	110.6	323.5	568.5	324.6
12:06:54	8:35:57	29.0	29.1	29.9	76.2	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.4	119.9	125.6	121.9	81.2	81.2	110.6	323.6	568.6	323.1
12:07:54	8:36:58	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.7	118.0	125.6	121.8	81.1	81.1	110.6	323.6	568.6	324.6
12:08:54	8:37:58	29.0	29.1	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.3	118.4	120.0	129.8	125.4	121.8	81.1	81.1	110.6	323.5	568.6	323.0
12:09:54	8:38:58	29.0	29.1	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.4	118.4	123.0	125.3	121.7	81.2	81.1	110.6	323.5	568.5	323.0
12:10:54	8:39:58	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.7	118.5	118.4	117.3	119.3	125.3	121.6	81.1	81.1	110.6	323.5	568.6	323.1
12:11:54	8:40:58	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.8	117.9	125.2	121.6	81.2	81.0	110.5	323.5	568.6	323.1
12:12:55	8:41:58	29.0	29.0	29.9	75.7	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.2	127.8	125.2	121.5	81.1	80.9	110.4	323.5	568.5	323.1
12:13:55	8:42:58	29.0	29.1	29.9	76.1	100.0	118.1	118.7	118.3	117.3	118.8	118.5	118.5	123.0	138.2	125.3	121.5	81.2	81.0	110.6	323.5	568.6	323.1
12:14:55	8:43:58	29.0	29.0	29.9	76.2	100.0	118.2	118.8	118.4	117.4	119.0	118.7	118.7	119.9	126.6	125.1	121.3	81.1	81.0	110.5	323.6	568.6	323.1
12:15:55	8:44:59	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.4	118.9	118.7	118.7	116.5	116.6	125.1	121.3	81.2	81.0	110.5	323.5	568.6	323.1
12:16:55	8:45:59	29.0	29.1	29.9	76.1	100.0	118.1	118.7	118.4	117.4	118.8	118.6	118.6	116.1	115.4	125.1	121.2	81.1	81.0	110.5	323.5	568.6	323.1
12:17:55	8:46:59	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.3	117.3	118.7	118.6	118.6	116.1	115.6	125.0	121.2	81.2	81.0	110.5	323.5	568.6	323.1
12:18:55	8:47:59	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.4	115.9	115.7	125.0	121.1	81.2	81.0	110.5	323.5	568.6	323.4
12:19:55	8:48:59	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	119.4	128.9	124.8	121.1	81.2	81.0	110.4	323.5	568.5	323.1
12:20:56	8:49:59	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.7	118.5	118.5	118.0	122.4	124.8	121.0	81.2	81.1	110.5	323.5	568.6	323.0
12:21:56	8:50:59	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	116.9	118.8	124.7	120.9	81.2	81.1	110.4	323.6	568.6	323.0
12:22:56	8:51:59	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.9	121.2	124.6	120.8	81.1	81.1	110.4	323.5	568.6	323.1
12:23:56	8:52:59	29.0	29.0	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	121.9	135.7	124.6	120.8	81.2	81.1	110.4	323.6	568.6	323.1
12:24:56	8:54:00	29.0	29.1	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	122.4	134.4	124.5	120.7	81.2	81.1	110.5	323.6	568.6	323.1
12:25:56	8:55:00	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.3	119.0	124.4	120.6	81.1	81.1	110.4	323.5	568.6	323.0
12:26:56	8:56:00	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.3	115.6	124.4	120.7	81.3	81.2	110.5	323.5	568.5	323.0
12:27:56	8:57:00	29.0	29.0	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.1	115.6	124.3	120.6	81.3	81.3	110.4	323.5	568.6	321.6
12:28:56	8:58:00	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.6	116.0	115.7	124.3	120.5	81.3	81.3	110.5	323.5	568.5	321.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000329

12:29:57	8:59:00	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	115.8	116.8	124.2	120.4	81.3	81.3	110.4	323.5	568.6	323.1
12:30:57	9:00:00	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.6	127.6	124.2	120.4	81.3	81.4	110.5	323.5	568.6	321.6
12:31:57	9:01:00	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.5	117.5	120.7	124.1	120.3	81.3	81.6	110.5	323.5	568.6	321.5
12:32:57	9:02:00	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	116.7	118.2	125.9	120.3	81.3	81.6	110.5	323.5	568.5	321.5
12:33:57	9:03:01	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.4	118.1	124.6	129.1	120.2	81.4	81.6	110.4	323.6	568.6	321.6
12:34:57	9:04:01	29.0	29.0	29.9	75.7	100.0	117.9	118.6	118.1	117.2	118.7	118.5	118.5	122.4	136.9	128.7	120.1	81.3	81.6	110.5	323.5	568.6	321.6
12:35:57	9:05:01	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	120.4	128.4	128.7	120.0	81.3	81.6	110.5	323.6	568.6	321.6
12:36:57	9:06:01	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.6	117.0	128.8	120.0	81.4	81.6	110.5	323.5	568.6	321.6
12:37:58	9:07:01	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.8	118.6	118.6	116.1	115.5	128.8	120.0	81.4	81.6	110.5	323.5	568.6	321.6
12:38:58	9:08:01	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.4	118.7	118.5	118.5	115.9	115.5	128.7	119.8	81.4	81.6	110.4	323.5	568.6	321.5
12:39:58	9:09:01	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	115.8	115.6	128.7	119.8	81.4	81.8	110.5	323.5	568.6	321.6
12:40:58	9:10:01	29.0	29.0	29.9	76.2	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.4	119.8	129.1	128.7	119.8	81.4	81.6	110.4	323.5	568.6	321.6
12:41:58	9:11:02	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.5	117.8	122.1	128.7	119.7	81.4	81.8	110.5	323.5	568.6	321.6
12:42:58	9:12:02	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.9	118.6	128.6	119.7	81.4	81.8	110.4	323.6	568.6	321.6
12:43:58	9:13:02	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	117.0	121.2	128.6	119.6	81.4	81.8	110.4	323.5	568.6	321.5
12:44:58	9:14:02	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.0	125.4	128.5	119.5	81.4	81.6	110.4	323.5	568.6	321.5
12:45:58	9:15:02	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.5	117.5	120.1	128.5	119.5	81.4	81.6	110.4	323.5	568.5	321.5
12:46:59	9:16:02	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.8	118.1	128.4	119.5	81.6	81.8	110.4	323.5	568.5	321.6
12:47:59	9:17:02	29.0	29.0	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	118.1	124.7	128.4	119.3	81.4	81.6	110.4	323.5	568.6	320.0
12:48:59	9:18:02	29.0	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.4	118.4	118.8	124.4	128.3	119.3	81.6	81.6	110.4	323.6	568.5	320.0
12:49:59	9:19:02	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.4	119.7	128.3	119.2	81.4	81.6	110.4	323.5	568.6	320.1
12:50:59	9:20:03	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.5	116.7	118.0	128.3	119.2	81.4	81.6	110.4	323.6	568.6	321.6
12:51:59	9:21:03	29.0	29.0	29.9	76.2	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	121.2	133.4	128.2	119.2	81.6	81.8	110.4	323.5	568.6	321.6
12:52:59	9:22:03	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.4	118.9	118.6	118.6	123.1	136.8	128.2	119.1	81.6	81.6	110.4	323.5	568.6	320.1
12:53:59	9:23:03	29.0	29.0	29.9	76.2	100.0	118.2	118.8	118.4	117.5	119.1	118.8	118.8	117.8	120.4	128.1	121.8	81.6	81.8	112.1	323.5	568.6	320.1
12:54:59	9:24:03	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	116.2	115.7	128.1	122.4	81.6	81.8	110.8	323.5	568.6	320.0
12:56:00	9:25:03	29.0	29.0	29.9	76.6	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.1	115.5	128.1	122.4	81.7	81.8	110.8	323.6	568.6	320.0
12:57:00	9:26:03	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.6	116.0	115.7	128.0	122.3	81.7	81.8	110.8	323.6	568.6	320.1
12:58:00	9:27:03	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.8	115.8	128.0	122.3	81.7	81.8	110.8	323.5	568.6	320.0
12:59:00	9:28:04	29.0	29.0	29.9	76.1	100.0	117.8	118.3	118.1	117.1	118.6	118.4	118.4	119.8	129.1	127.9	122.2	81.7	81.9	110.9	323.5	568.6	320.1
13:00:00	9:29:04	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118 2	117.3	118.6	118.5	118.4	117.8	121.7	127.9	122.2	81.8	81.9	110.9	323.6	568.6	320.0
13:01:00	9:30:04	29.0	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.5	127.8	122.1	81.8	81.9	110.8	323.6	568.6	320.0
13:02:00	9:31:04	29.0	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	117.1	121.6	127.8	122.1	81.8	82.1	110.9	323.5	568.6	320.1
13:03:00	9:32:04	29.0	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	122.1	135.9	127.6	122.0	81.9	82.2	110.9	323.6	568.6	320.1
13:04:00	9:33:04	29.0	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.6	121.5	131.6	127.5	121.9	81.9	82.2	111.0	323.5	568.5	320.1
13:05:01	9:34:04	29.0	29.0	29.9	76.6	100.0	118.3	118.9	118.5	117.5	119.0	118.7	118.7	117.0	117.9	127.5	121.8	81.9	82.3	111.0	323.5	568.6	320.1
13:06:01	9:35:04	28.9	29.0	29.9	76.1	100.0	118.2	118.8	118.4	117.5	118.9	118.6	118.6	116.1	115.5	127.5	121.8	81.9	82.4	111.0	323.5	568.6	320.0
13:07:01	9:36:04	28.9	29.0	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.7	118.5	118.6	116.1	115.6	127.4	121.8	81.9	82.4	111.0	323.6	568.6	320.0
13:08:01	9:37:04	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	115.9	115.7	127.2	121.6	81.9	82.4	111.0	323.5	568.6	320.0
13:09:01	9:38:05	28.9	29.0	29.9	76.1	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	115.7	116.4	127.3	121.6	81.9	82.5	111.0	323.6	568.6	320.1
13:10:01	9:39:05	28.9	29.0	29.9	76.1	100.0	118.0	118.5	118.2	117.3	118.6	118.5	118.4	119.6	127.7	127.3	121.6	82.1	82.5	111.0	323.6	568.6	320.1
13:11:01	9:40:05	28.9	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.4	117.5	120.8	127.3	121.5	82.1	82.5	111.0	323.5	568.5	320.0
13:12:01	9:41:05	28.9	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.4	118.5	116.7	118.2	127.2	121.4	82.1	82.6	111.1	323.5	568.6	320.0
13:13:01	9:42:05	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.6	118.4	118.4	116.4	117.8	127.2	121.4	82.2	82.7	111.0	323.5	568.6	320.1
13:14:02	9:43:05	28.9	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	119.6	127.2	127.1	121.3	82.2	82.7	111.2	323.5	568.6	320.0
13:15:02	9:44:05	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	117.7	120.9	127.0	121.3	82.3	82.7	111.1	323.6	568.6	320.1
13:16:02	9:45:05	28.9	29.0	29.9	76.1	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	116.9	118.4	126.9	121.2	82.3	82.8	111.1	323.5	568.6	320.0
13:17:02	9:46:05	28.9	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.5	117.5	126.9	121.2	82.3	82.8	111.1	323.6	568.6	320.0
13:18:02	9:47:06	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.3	120.0	129.1	126.9	121.1	82.3	82.8	111.1	323.6	568.6	320.0
13:19:02	9:48:06	28.9	29.0	29.9	76.1	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	118.1	122.2	126.9	121.1	82.3	82.9	111.1	323.5	568.6	320.0
13:20:02	9:49:06	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.1	119.0	126.9	121.0	82.3	83.0	111.2	323.6	568.6	320.0
13:21:02	9:50:06	28.9	29.0	29.9	76.1	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.3	116.7	118.7	126.7	120.9	82.3	83.0	111.2	323.5	568.6	320.0
13:22:02	9:51:06	28.9	29.0	29.9	76.1	100.0	118.0	118.7	118.2	117.3	118.7	118.5	118.4	121.8	134.9	126.7	121.0	82.6	83.1	111.3	323.6	568.6	320.0
13:23:03	9:52:06	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	122.3	133.8	126.7	120.9	82.6	83.1	111.3	323.5	568.6	320.0
13:24:03	9:53:06	28.9	29.0	29.9	76.6	100.0	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.4	118.9	126.7	120.8	82.6	83.1	111.3	323.6	568.6	320.1
13:25:03	9:54:06	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.7	116.2	115.6	126.7	120.7	82.5	83.1	111.2	323.5	568.6	320.1
13:26:03	9:55:06	28.9	29.0	29.9	76.1	100.0	118.1	118.7	118.3	117.4	118.8	118.7	118.6	116.1	115.6	126.7	120.7	82.6	83.2	111.3	323.5	568.6	320.1
13:27:03	9:56:06	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.5	116.0	115.9	126.6	120.6	82.7	83.2	111.3	323.5	568.5	318.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000330

13:28:03	9:57:07	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	115.9	115.9	126.5	120.5	82.7	83.2	111.2	323.6	568.6	318.5
13:29:03	9:58:07	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.9	129.1	126.5	120.5	82.7	83.2	111.3	323.5	568.6	318.6
13:30:03	9:59:07	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.8	121.7	126.4	120.4	82.7	83.2	111.3	323.5	568.6	318.5
13:31:03	10:00:07	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.6	126.4	120.4	82.8	83.2	111.3	323.5	568.6	318.6
13:32:03	10:01:07	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.4	117.4	126.3	120.3	82.7	83.2	111.3	323.6	568.6	318.1
13:33:04	10:02:07	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.0	129.3	126.2	120.3	82.8	83.2	111.3	323.6	568.6	318.5
13:34:04	10:03:07	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.4	118.1	122.3	126.2	120.2	82.8	83.2	111.3	323.6	568.6	318.5
13:35:04	10:04:07	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	117.2	119.1	126.1	120.2	82.8	83.3	111.3	323.5	568.6	318.6
13:36:04	10:05:08	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	116.6	117.7	126.0	120.1	82.8	83.2	111.3	323.5	568.6	318.6
13:37:04	10:06:08	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.3	118.8	126.7	126.0	120.0	82.8	83.2	111.3	323.6	568.6	318.5
13:38:04	10:07:08	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.4	123.5	126.0	120.0	82.8	83.2	111.3	323.5	568.6	318.6
13:39:04	10:08:08	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	117.2	119.5	125.9	119.8	82.8	83.2	111.3	323.5	568.6	318.5
13:40:04	10:09:08	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.7	118.0	125.8	119.8	82.8	83.2	111.2	323.6	568.6	318.5
13:41:05	10:10:08	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	120.3	130.7	125.8	119.8	83.0	83.2	111.2	323.6	568.6	318.5
13:42:05	10:11:08	28.9	29.0	29.9	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.5	123.1	137.5	125.9	119.7	82.8	83.1	111.3	323.5	568.5	318.6
13:43:05	10:12:08	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	119.0	118.8	118.7	118.0	121.0	125.8	119.6	82.8	83.1	111.3	323.5	568.5	318.5
13:44:05	10:13:08	28.9	29.0	29.9	76.6	100.0	118.1	118.8	118.3	117.4	118.8	118.6	118.6	116.2	115.8	125.7	119.6	82.8	83.1	111.2	323.5	568.6	318.6
13:45:05	10:14:09	28.9	29.0	29.9	76.6	100.0	118.1	118.7	118.3	117.3	118.7	118.5	118.5	116.1	115.5	125.7	119.5	83.0	83.1	111.2	323.6	568.6	318.5
13:46:05	10:15:09	28.9	29.0	29.9	76.6	100.0	118.0	118.5	118.2	117.3	118.6	118.5	118.4	115.9	115.7	125.5	119.5	82.8	83.1	111.2	323.6	568.6	318.6
13:47:05	10:16:09	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.3	128.4	125.5	119.3	82.8	83.1	111.2	323.6	568.6	318.5
13:48:05	10:17:09	28.9	29.0	29.9	76.6	100.0	118.0	118.5	118.2	117.3	118.6	118.4	118.4	118.1	122.5	125.5	119.3	82.8	83.0	111.2	323.5	568.6	318.6
13:49:05	10:18:09	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.0	118.9	125.5	119.3	83.0	83.0	111.2	323.6	568.6	318.5
13:50:06	10:19:09	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.6	118.6	125.4	119.3	82.8	83.0	111.2	323.6	568.6	317.0
13:51:06	10:20:09	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	119.4	126.5	125.4	119.2	82.8	83.0	111.2	323.5	568.6	317.0
13:52:06	10:21:09	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.4	117.7	120.7	125.4	119.2	83.0	83.1	111.2	323.5	568.6	317.0
13:53:06	10:22:09	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.7	118.5	118.5	117.0	118.5	125.3	119.1	83.0	83.1	111.2	323.5	568.6	317.1
13:54:06	10:23:10	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	117.5	125.2	120.6	83.0	83.1	112.2	323.5	568.6	317.0
13:55:06	10:24:10	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.4	119.0	125.2	122.4	83.0	83.2	111.6	323.5	568.6	317.0
13:56:06	10:25:10	28.9	29.0	29.9	76.4	100.0	118.0	118.6	118.2	117.2	118.5	118.4	118.3	119.4	126.4	125.2	122.3	83.0	83.2	111.5	323.5	568.6	317.0
13:57:06	10:26:10	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.4	117.6	120.6	125.1	122.3	83.0	83.2	111.5	323.5	568.6	317.4
13:58:06	10:27:10	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	116.8	118.3	125.1	122.2	83.0	83.2	111.5	323.5	568.6	317.0
13:59:07	10:28:10	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	121.5	134.2	125.0	122.2	83.1	83.2	111.6	323.5	568.6	317.0
14:00:07	10:29:10	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.4	119.0	118.7	118.7	122.2	133.6	125.0	122.1	83.0	83.2	111.6	323.5	568.6	317.0
14:01:07	10:30:10	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.3	118.8	125.0	122.0	83.0	83.1	111.6	323.5	568.6	317.0
14:02:07	10:31:10	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.2	115.6	124.9	122.0	83.1	83.1	111.6	323.5	568.6	317.0
14:03:07	10:32:11	28.9	29.0	29.9	76.6	100.0	118.1	118.7	118.3	117.4	118.8	118.6	118.6	116.1	115.6	124.9	121.9	83.1	83.1	111.5	323.5	568.6	317.1
14:04:07	10:33:11	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.5	116.0	115.8	124.9	121.8	83.0	83.0	111.5	323.5	568.5	317.0
14:05:07	10:34:11	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.4	115.8	115.8	124.7	121.8	83.0	82.9	111.4	323.5	568.5	317.1
14:06:07	10:35:11	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.8	129.1	124.7	121.7	83.0	83.0	111.5	323.5	568.6	317.0
14:07:07	10:36:11	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	117.8	121.9	124.6	121.7	83.0	82.9	111.5	323.5	568.5	317.0
14:08:08	10:37:11	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.6	118.4	118.4	116.8	118.6	124.7	121.6	83.0	82.9	111.5	323.5	568.6	317.0
14:09:08	10:38:11	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.4	118.4	120.0	130.2	124.6	121.5	83.0	82.9	111.5	323.5	568.6	317.0
14:10:08	10:39:11	28.9	29.0	29.9	76.6	100.0	118.1	118.7	118.3	117.3	118.7	118.5	118.5	118.6	123.5	124.5	121.4	83.0	82.8	111.5	323.5	568.6	317.1
14:11:08	10:40:11	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.7	118.5	118.4	117.4	119.6	124.5	121.3	82.8	82.8	111.5	323.5	568.6	317.0
14:12:08	10:41:12	28.9	29.0	29.9	76.7	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.8	118.1	124.4	121.3	83.0	82.8	111.4	323.5	568.6	317.1
14:13:08	10:42:12	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	120.5	131.4	124.4	121.3	83.0	82.8	111.5	323.5	568.6	317.0
14:14:08	10:43:12	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.4	118.9	118.6	118.6	122.8	135.9	124.3	121.2	82.8	82.8	111.5	323.5	568.6	317.1
14:15:08	10:44:12	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	119.0	118.7	118.7	117.6	119.9	124.3	121.1	82.8	82.8	111.5	323.5	568.6	317.1
14:16:08	10:45:12	28.9	29.0	29.9	76.6	100.0	118.2	118.8	118.4	117.5	118.9	118.7	118.6	116.2	115.7	124.2	121.1	82.8	82.7	111.4	323.5	568.6	317.0
14:17:09	10:46:12	28.9	29.0	29.9	76.6	100.0	118.1	118.7	118.3	117.4	118.7	118.6	118.6	116.1	115.6	124.2	121.0	82.8	82.7	111.4	323.5	568.6	317.0
14:18:09	10:47:12	28.9	29.0	29.9	76.6	100.0	118.0	118.5	118.2	117.3	118.6	118.5	118.4	116.0	115.7	124.2	121.0	82.8	82.6	111.3	323.5	568.6	317.0
14:19:09	10:48:12	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	116.1	119.0	124.1	120.8	82.8	82.6	111.3	323.5	568.6	317.0
14:20:09	10:49:12	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.6	118.5	118.4	119.2	126.5	124.2	120.8	82.8	82.6	111.3	323.5	568.6	317.0
14:21:09	10:50:13	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.4	120.3	124.4	120.8	82.8	82.5	111.3	323.5	568.6	317.1
14:22:09	10:51:13	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.1	117.2	118.5	118.4	118.4	116.6	118.0	128.9	120.7	82.8	82.4	111.2	323.5	568.6	317.0
14:23:09	10:52:13	28.9	29.0	29.9	76.6	100.0	117.8	118.3	118.1	117.1	118.5	118.4	118.4	119.6	128.9	129.0	120.6	82.7	82.4	111.3	323.5	568.6	317.1
14:24:09	10:53:13	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.2	122.5	128.7	120.6	82.7	82.4	111.3	323.5	568.6	317.0
14:25:09	10:54:13	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	117.1	119.0	128.6	120.5	82.7	82.3	111.2	323.5	568.6	317.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000331

14:26:10	10:55:13	28.9	29.0	29.9	76.6	100.0	117.9	118.5	118.2	117.2	118.5	118.4	118.4	116.6	117.7	128.7	120.5	82.7	82.3	111.2	323.5	568.6	317.0
14:27:10	10:56:13	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	119.8	129.1	128.5	120.4	82.7	82.3	111.2	323.5	568.6	317.1
14:28:10	10:57:13	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.2	118.7	118.5	118.5	118.2	122.4	128.5	120.4	82.7	82.3	111.2	323.6	568.5	317.0
14:29:10	10:58:13	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	117.1	119.1	128.5	120.3	82.6	82.2	111.1	323.5	568.6	317.1
14:30:10	10:59:14	28.9	29.0	29.9	76.6	100.0	118.0	118.6	118.2	117.3	118.6	118.5	118.4	116.6	117.7	128.6	120.2	82.6	82.2	111.1	323.5	568.5	317.0

EXPOSURE(2) SUMMARY 06/29/2015 14:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:56	11:00:00	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	117.8	124.2	128.5	120.2	82.6	82.1	111.1	323.5	568.6	317.1

START PRESS: 0028.8 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 129.5 MAX GAS TEMP: 083.6
END PRESS: 0028.9 MIN PRESS: 0028.7 MIN TEMP: 118.3 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.5
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.2
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/29/2015 14:14:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:56	0:00:00	28.9	29.0	29.9	76.6	100.0	117.9	118.3	118.1	117.2	118.5	118.4	118.4	117.8	124.2	128.5	120.2	82.6	82.1	111.1	323.5	568.6	317.1
14:31:57	0:01:00	28.2	28.3	29.9	75.7	100.0	117.7	118.3	117.9	117.0	118.4	118.2	118.1	118.7	125.3	128.5	120.1	82.5	88.8	111.1	323.5	568.5	311.0
14:32:57	0:02:00	27.5	27.6	29.9	73.9	100.0	117.6	118.2	117.8	116.9	118.3	118.1	118.0	119.2	127.4	128.3	120.0	82.5	91.2	111.1	323.5	568.6	302.0
14:33:57	0:03:00	26.8	26.9	29.9	72.5	98.5	117.6	118.2	117.8	116.9	118.3	118.1	118.0	119.8	127.5	128.4	120.0	82.5	92.2	111.1	323.5	568.5	296.0
14:34:57	0:04:00	26.1	26.3	29.9	71.1	96.8	117.6	118.2	117.8	116.8	118.3	118.1	118.0	119.8	126.4	128.3	119.8	82.5	92.7	111.0	323.5	568.6	286.9
14:35:57	0:05:00	25.5	25.6	29.9	69.8	94.9	117.6	118.2	117.8	116.8	118.3	118.1	118.0	119.6	125.5	128.3	119.8	82.5	93.2	111.1	323.5	568.6	279.3
14:36:57	0:06:00	24.8	24.9	29.9	68.9	93.6	117.6	118.3	117.8	116.8	118.4	118.1	118.0	119.6	125.0	128.2	119.8	82.3	93.4	111.1	323.5	568.6	271.8
14:37:57	0:07:01	24.1	24.2	29.9	67.5	91.7	117.6	118.3	117.8	116.8	118.3	118.1	118.0	119.6	124.8	128.2	119.8	82.3	93.8	111.1	323.6	568.6	264.3
14:38:57	0:08:01	23.4	23.5	29.9	66.6	90.4	117.6	118.3	117.9	116.8	118.4	118.1	118.0	119.8	124.7	128.1	119.8	82.3	94.1	111.0	323.5	568.6	256.8
14:39:57	0:09:01	22.7	22.8	29.9	65.7	89.3	117.6	118.3	117.8	116.8	118.4	118.1	118.0	119.6	124.9	128.0	119.7	82.3	94.4	111.0	323.6	568.6	250.8
14:40:57	0:10:01	22.0	22.2	29.9	64.3	87.5	117.6	118.3	117.8	116.7	118.4	118.1	118.0	119.6	124.5	128.0	119.6	82.3	94.8	111.0	323.5	568.6	241.7
14:41:58	0:11:01	21.4	21.5	29.9	63.0	85.4	117.7	118.3	117.9	116.8	118.4	118.1	117.9	119.8	124.8	128.0	119.6	82.3	95.0	111.0	323.5	568.6	234.1
14:42:58	0:12:01	20.7	20.8	29.9	62.0	84.2	117.7	118.3	117.9	116.8	118.4	118.1	117.9	119.9	125.1	127.8	119.5	82.3	95.3	111.0	323.5	568.6	226.7

STERILANT REMOVAL SUMMARY 06/29/2015 14:27:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:43:14	0:12:13	20.5	20.6	29.9	61.6	83.7	117.6	118.3	117.8	116.7	118.4	118.0	117.9	118.9	123.7	127.8	119.5	82.3	95.3	111.0	323.5	568.6	225.2

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 118.6 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.6 MAX GAS TEMP: 082.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.8 MIN GAS TEMP: 082.3
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.5

POST N2 WASH(1) (Loop:1/6) 06/29/2015 14:27:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:43:14	0:00:00	20.5	20.6	29.9	61.6	83.7	117.6	118.3	117.8	116.7	118.4	118.0	117.9	118.9	123.7	127.8	119.5	82.3	95.3	111.0	323.5	568.6	225.2
14:45:14	0:02:00	23.1	23.3	29.9	64.8	85.9	118.6	119.3	118.8	117.7	119.4	119.1	119.0	119.0	123.1	127.8	119.3	104.6	92.4	110.9	323.6	568.6	237.2
14:47:14	0:04:00	25.9	26.0	29.9	64.8	84.9	119.0	119.7	119.2	118.2	119.8	119.5	119.5	119.2	122.8	127.6	119.1	110.8	90.3	110.9	323.5	568.6	229.7

POST N2 WASE(1) (Loop:1/6) SUMMARY 06/29/2015 14:33:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:49:09	0:05:58	28.5	28.6	29.9	63.9	83.2	119.2	119.8	119.4	118.5	120.0	119.7	119.8	119.8	124.2	127.5	122.1	113.4	88.8	111.3	323.5	568.6	217.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000332

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.9 MAX GAS TEMP: 113.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.4 MIN GAS TEMP: 082.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:1/6) 06/29/2015 14:33:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:49:09	0:00:00	28.5	28.6	29.9	63.9	83.2	119.2	119.8	119.4	118.5	120.0	119.7	119.8	119.8	124.2	127.5	122.1	113.4	88.8	111.3	323.5	568.6	217.6
14:51:09	0:02:00	25.8	26.0	29.9	57.5	77.4	118.0	118.7	118.1	117.2	118.8	118.4	118.5	119.9	125.0	127.5	122.0	107.9	94.8	111.3	323.5	568.6	183.0
14:53:09	0:04:00	23.1	23.2	29.9	53.9	73.2	117.6	118.3	117.8	116.8	118.4	118.0	118.0	120.0	125.6	127.3	121.9	102.4	96.5	111.2	323.5	568.6	160.4

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/29/2015 14:38:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:55:04	0:05:55	20.5	20.6	29.9	51.2	69.8	117.4	118.2	117.6	116.6	118.2	117.8	117.7	120.5	127.2	127.2	121.8	98.4	97.6	111.1	323.5	568.6	145.4

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.6 MAX GAS TEMP: 113.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.2 MIN GAS TEMP: 098.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.8

POST N2 WASH(1) (Loop:2/6) 06/29/2015 14:38:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:55:04	0:00:00	20.5	20.6	29.9	51.2	69.8	117.4	118.2	117.6	116.6	118.2	117.8	117.7	120.5	127.2	127.2	121.8	98.4	97.6	111.1	323.5	568.6	145.4
14:57:04	0:02:00	23.2	23.3	29.9	53.9	71.2	118.7	119.4	118.9	117.8	119.5	119.1	119.1	120.6	128.0	127.2	121.6	109.5	94.1	111.1	323.6	568.6	155.9
14:59:04	0:04:00	25.9	26.1	29.9	54.3	70.9	119.1	119.8	119.3	118.3	119.9	119.5	119.6	120.4	127.8	127.2	121.4	113.4	91.4	111.1	323.5	568.6	154.4

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/29/2015 14:44:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:59	0:05:55	28.5	28.6	29.9	54.3	70.7	119.3	119.9	119.4	118.6	120.0	119.7	119.8	120.0	127.5	127.1	121.1	113.9	89.6	111.0	323.5	568.6	148.4

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.3 MAX GAS TEMP: 113.9
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 568.6 MIN PRE TEMP: 127.0 MIN GAS TEMP: 098.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.1

POST EVACUATION(1) (Loop:2/6) 06/29/2015 14:44:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:59	0:00:00	28.5	28.6	29.9	54.3	70.7	119.3	119.9	119.4	118.6	120.0	119.7	119.8	120.0	127.5	127.1	121.1	113.9	89.6	111.0	323.5	568.6	148.4
15:02:59	0:02:00	25.8	25.9	29.9	49.3	66.2	118.1	118.8	118.2	117.4	118.8	118.4	118.4	119.4	125.5	127.0	121.0	108.7	95.7	111.0	323.5	568.5	122.8
15:04:59	0:04:00	23.1	23.2	29.9	47.1	63.8	117.7	118.3	117.8	116.9	118.4	118.0	118.0	119.0	123.9	126.8	120.8	103.5	98.6	110.9	323.5	568.6	109.3

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/29/2015 14:50:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:54	0:05:54	20.5	20.6	29.9	45.2	61.8	117.4	118.2	117.6	116.6	118.3	117.8	117.8	119.3	123.2	126.9	120.7	99.6	100.3	111.0	323.5	568.6	101.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000333

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.1 MAX GAS TEMP: 113.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 126.8 MIN GAS TEMP: 099.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.7

POST N2 WASH(1) (Loop:3/6) 06/29/2015 14:50:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:54	0:00:00	20.5	20.6	29.9	45.2	61.8	117.4	118.2	117.6	116.6	118.3	117.8	117.8	119.3	123.2	126.9	120.7	99.6	100.3	111.0	323.5	568.6	101.7
15:08:54	0:02:00	23.2	23.3	29.9	48.0	63.3	118.7	119.4	118.9	117.9	119.6	119.2	119.2	119.3	123.2	126.6	120.5	109.1	97.2	110.9	323.5	568.6	112.2
15:10:54	0:04:00	25.9	26.0	29.9	48.9	63.8	119.2	119.8	119.3	118.4	120.0	119.5	119.7	119.6	124.0	126.6	120.3	112.7	94.4	110.9	323.5	568.6	112.2

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/29/2015 14:56:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:48	0:05:54	28.5	28.6	29.9	48.9	63.4	119.4	120.1	119.5	118.7	120.2	119.8	120.0	120.1	125.6	126.5	120.1	113.1	92.1	110.8	323.5	568.5	107.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 126.9 MAX GAS TEMP: 113.2
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 126.4 MIN GAS TEMP: 099.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.0

POST EVACUATION(1) (Loop:3/6) 06/29/2015 14:56:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:48	0:00:00	28.5	28.6	29.9	48.9	63.4	119.4	120.1	119.5	118.7	120.2	119.8	120.0	120.1	125.6	126.5	120.1	113.1	92.1	110.8	323.5	568.5	107.7
15:14:48	0:02:00	25.8	25.9	29.9	45.3	60.8	118.1	118.8	118.1	117.4	118.8	118.3	118.5	120.3	126.2	126.4	119.8	108.3	97.6	110.7	323.5	568.5	91.2
15:16:48	0:04:00	23.1	23.2	29.9	43.4	58.9	117.7	118.3	117.8	117.0	118.5	118.0	118.1	120.4	126.8	126.4	119.8	103.5	100.3	110.7	323.5	568.6	82.1

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/29/2015 15:02:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:39	0:05:57	20.5	20.6	29.9	42.2	57.7	117.4	118.1	117.5	116.6	118.2	117.8	117.9	120.4	127.8	126.3	119.7	99.9	101.6	110.7	323.5	568.6	77.8

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 126.5 MAX GAS TEMP: 113.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 126.2 MIN GAS TEMP: 099.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.6

POST N2 WASH(1) (Loop:4/6) 06/29/2015 15:02:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:39	0:00:00	20.5	20.6	29.9	42.2	57.7	117.4	118.1	117.5	116.6	118.2	117.8	117.9	120.4	127.8	126.3	119.7	99.9	101.6	110.7	323.5	568.6	77.8
15:20:39	0:02:00	23.2	23.3	29.9	44.8	59.0	118.8	119.6	118.9	118.0	119.6	119.2	119.3	120.3	127.8	126.2	119.5	108.5	98.6	110.6	323.5	568.6	86.6
15:22:40	0:04:00	25.9	26.0	29.9	45.7	59.7	119.2	119.8	119.3	118.4	120.0	119.6	119.7	119.8	126.7	126.0	119.3	112.0	95.7	110.6	323.6	568.6	86.6

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/29/2015 15:08:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:34	0:05:54	28.5	28.6	29.9	45.7	59.3	119.4	120.1	119.5	118.7	120.2	119.8	120.0	118.9	124.0	125.9	119.0	112.4	93.4	110.5	323.6	568.6	85.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000334

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 126.3 MAX GAS TEMP: 112.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.6 DRM2 END: 568.6 MIN PRE TEMP: 125.9 MIN GAS TEMP: 099.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:4/6) 06/29/2015 15:08:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:34	0:00:00	28.5	28.6	29.9	45.7	59.3	119.4	120.1	119.5	118.7	120.2	119.8	120.0	118.9	124.0	125.9	119.0	112.4	93.4	110.5	323.6	568.6	85.1
15:26:34	0:02:00	25.8	25.9	29.9	42.5	57.0	118.1	118.8	118.2	117.5	118.8	118.3	118.6	119.2	122.7	125.9	122.4	107.8	98.7	110.9	323.5	568.6	73.1
15:28:34	0:04:00	23.1	23.2	29.9	40.7	55.1	117.8	118.5	117.8	117.1	118.5	118.0	118.2	119.3	123.0	125.8	122.3	103.2	101.2	110.9	323.5	568.5	65.8

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/29/2015 15:14:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:28	0:05:54	20.5	20.6	29.9	39.8	54.2	117.5	118.3	117.5	116.8	118.3	117.8	118.0	119.8	124.5	125.8	122.1	99.7	102.1	111.0	323.5	568.5	61.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.6 DRM2 START: 568.6 MAX PRE TEMP: 126.0 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 125.7 MIN GAS TEMP: 099.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

POST N2 WASE(1) (Loop:5/6) 06/29/2015 15:14:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:28	0:00:00	20.5	20.6	29.9	39.8	54.2	117.5	118.3	117.5	116.8	118.3	117.8	118.0	119.8	124.5	125.8	122.1	99.7	102.1	111.0	323.5	568.5	61.1
15:32:28	0:02:00	23.2	23.3	29.9	42.5	55.9	118.9	119.6	119.0	118.1	119.7	119.3	119.4	120.0	125.0	125.6	122.0	110.1	99.2	110.9	323.5	568.5	70.1
15:34:28	0:04:00	25.9	26.0	29.9	43.0	56.0	119.2	119.8	119.3	118.5	120.0	119.6	119.8	120.0	125.2	125.6	121.7	114.0	96.3	110.9	323.5	568.5	71.5

POST N2 WASE(1) (Loop:5/6) SUMMARY 06/29/2015 15:20:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:22	0:05:54	28.5	28.6	29.9	43.4	56.3	119.4	120.1	119.5	118.8	120.2	119.8	120.1	120.4	126.8	125.5	121.5	114.5	94.1	110.9	323.5	568.6	70.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 125.8 MAX GAS TEMP: 114.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 125.5 MIN GAS TEMP: 099.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.5

POST EVACUATION(1) (Loop:5/6) 06/29/2015 15:20:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:22	0:00:00	28.5	28.6	29.9	43.4	56.3	119.4	120.1	119.5	118.8	120.2	119.8	120.1	120.4	126.8	125.5	121.5	114.5	94.1	110.9	323.5	568.6	70.1
15:38:22	0:02:00	25.8	25.9	29.9	40.7	54.5	118.1	118.8	118.2	117.5	118.9	118.4	118.7	120.5	127.3	125.4	121.4	109.6	99.1	110.9	323.5	568.5	58.0
15:40:22	0:04:00	23.1	23.2	29.9	38.9	52.6	117.8	118.5	117.8	117.1	118.5	118.0	118.2	120.5	127.9	125.3	121.2	104.7	101.3	110.9	323.5	568.5	53.5

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/29/2015 15:26:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:42:15	0:05:53	20.5	20.6	29.9	38.0	51.7	117.5	118.3	117.6	116.8	118.3	117.8	118.0	119.6	125.9	125.2	121.1	101.0	102.3	110.9	323.5	568.6	52.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.6 MAX GAS TEMP: 114.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000335

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 125.2 MIN GAS TEMP: 101.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.1

POST N2 WASE(1) (Loop:6/6) 06/29/2015 15:26:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:42:15	0:00:00	20.5	20.6	29.9	38.0	51.7	117.5	118.3	117.6	116.8	118.3	117.8	118.0	119.6	125.9	125.2	121.1	101.0	102.3	110.9	323.5	568.6	52.0
15:44:15	0:02:00	23.2	23.3	29.9	40.7	53.5	118.9	119.6	119.0	118.1	119.7	119.3	119.5	119.2	123.7	125.0	121.0	109.9	99.4	110.8	323.5	568.6	58.1
15:46:15	0:04:00	25.9	26.0	29.9	41.6	54.2	119.3	119.9	119.3	118.6	120.1	119.7	119.9	119.0	122.5	124.9	120.7	113.3	96.6	110.8	323.5	568.5	59.5

POST N2 WASE(1) (Loop:6/6) SUMMARY 06/29/2015 15:31:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:48:09	0:05:54	28.5	28.6	29.9	42.1	54.4	119.5	120.2	119.5	118.9	120.3	119.9	120.2	119.8	124.1	124.8	120.4	113.7	94.4	110.7	323.5	568.6	58.0

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.3 MAX GAS TEMP: 113.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.7 MIN GAS TEMP: 100.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:6/6) 06/29/2015 15:31:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:48:09	0:00:00	28.5	28.6	29.9	42.1	54.4	119.5	120.2	119.5	118.9	120.3	119.9	120.2	119.8	124.1	124.8	120.4	113.7	94.4	110.7	323.5	568.6	58.0
15:50:09	0:02:00	25.8	25.9	29.9	38.9	52.1	118.2	118.8	118.2	117.6	118.9	118.4	118.7	120.1	125.1	124.6	120.4	109.0	98.8	110.7	323.5	568.5	50.5
15:52:09	0:04:00	23.1	23.2	29.9	38.0	51.3	117.8	118.5	117.8	117.2	118.5	118.0	118.3	120.3	126.2	124.5	120.2	104.3	101.2	110.7	323.5	568.5	44.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/29/2015 15:37:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:54:02	0:05:53	20.5	20.6	29.9	36.6	49.8	117.6	118.3	117.6	116.9	118.3	117.9	118.1	120.5	127.8	124.5	120.1	100.7	102.1	110.7	323.5	568.5	43.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 124.8 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 124.5 MIN GAS TEMP: 100.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:1/12) 06/29/2015 15:37:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:54:02	0:00:00	20.5	20.6	29.9	36.6	49.8	117.6	118.3	117.6	116.9	118.3	117.9	118.1	120.5	127.8	124.5	120.1	100.7	102.1	110.7	323.5	568.5	43.0
15:56:02	0:02:00	23.2	23.3	29.9	39.3	52.2	118.5	119.4	119.0	117.1	119.7	119.3	118.4	120.4	127.8	124.5	120.0	97.6	99.3	110.7	323.5	568.5	49.0
15:58:02	0:04:00	25.9	26.0	29.9	40.2	53.0	118.8	119.8	119.4	117.2	120.0	119.7	118.4	120.3	127.7	124.3	119.8	95.2	96.4	110.7	323.5	568.5	50.5
16:00:02	0:06:00	28.7	28.8	29.9	41.2	54.1	118.9	120.1	119.6	117.1	120.2	119.9	118.3	120.0	127.3	124.2	119.8	93.2	94.2	110.6	323.5	568.5	50.6

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/29/2015 15:44:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:18	0:06:16	29.0	29.1	29.9	41.2	54.1	118.9	120.1	119.6	117.1	120.2	119.8	118.3	120.4	127.0	124.2	119.7	93.0	93.9	110.7	323.5	568.6	50.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 124.5 MAX GAS TEMP: 100.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000336

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.2 MIN GAS TEMP: 093.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:1/12) 06/29/2015 15:44:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:18	0:00:00	29.0	29.1	29.9	41.2	54.1	118.9	120.1	119.6	117.1	120.2	119.8	118.3	120.4	127.0	124.2	119.7	93.0	93.9	110.7	323.5	568.6	50.5
16:02:18	0:02:00	26.3	26.4	29.9	38.9	52.3	118.0	118.8	118.2	117.1	118.9	118.5	118.3	120.6	127.6	124.1	119.6	91.4	98.6	110.7	323.5	568.6	43.0
16:04:18	0:04:00	23.6	23.7	29.9	37.1	50.2	117.7	118.5	117.9	116.9	118.5	118.1	118.0	120.3	127.8	124.1	119.5	90.2	100.7	110.6	323.5	568.6	40.0
16:06:18	0:06:00	20.8	20.9	29.9	36.2	49.2	117.5	118.3	117.7	116.7	118.3	117.9	117.9	119.8	126.8	128.7	119.3	89.2	101.1	110.6	323.5	568.5	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/29/2015 15:50:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:32	0:06:14	20.5	20.6	29.9	36.2	49.4	117.4	118.2	117.6	116.6	118.3	117.9	117.9	120.5	127.6	129.1	119.3	89.0	101.1	110.6	323.5	568.5	36.9

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 129.1 MAX GAS TEMP: 093.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 124.0 MIN GAS TEMP: 089.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:2/12) 06/29/2015 15:50:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:32	0:00:00	20.5	20.6	29.9	36.2	49.4	117.4	118.2	117.6	116.6	118.3	117.9	117.9	120.5	127.6	129.1	119.3	89.0	101.1	110.6	323.5	568.5	36.9
16:08:32	0:02:00	23.2	23.3	29.9	38.9	51.7	118.4	119.4	119.0	116.9	119.7	119.4	118.2	120.5	127.7	128.9	119.3	88.2	98.6	110.6	323.5	568.5	43.0
16:10:32	0:04:00	26.0	26.1	29.9	39.8	52.5	118.8	119.8	119.4	117.1	120.0	119.7	118.3	120.4	127.8	128.7	119.2	87.6	95.9	110.6	323.5	568.6	44.5
16:12:32	0:06:00	28.7	28.8	29.9	40.7	53.5	118.9	120.1	119.6	117.1	120.1	119.8	118.2	120.3	127.6	128.6	119.0	87.1	93.8	110.5	323.5	568.6	43.0

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/29/2015 15:56:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:45	0:06:12	29.0	29.1	29.9	40.7	53.5	118.9	120.1	119.6	117.1	120.2	119.9	118.3	120.5	126.9	128.6	119.0	86.9	93.6	110.5	323.5	568.6	43.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 129.2 MAX GAS TEMP: 089.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 128.5 MIN GAS TEMP: 086.8
PRESS CHANGE: 009.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:2/12) 06/29/2015 15:56:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:45	0:00:00	29.0	29.1	29.9	40.7	53.5	118.9	120.1	119.6	117.1	120.2	119.9	118.3	120.5	126.9	128.6	119.0	86.9	93.6	110.5	323.5	568.6	43.0
16:14:45	0:02:00	26.3	26.4	29.9	38.0	51.1	118.0	118.8	118.2	117.0	118.9	118.5	118.2	120.5	127.5	128.6	122.3	86.3	98.1	111.0	323.5	568.6	38.5
16:16:45	0:04:00	23.6	23.7	29.9	36.2	49.0	117.7	118.5	117.9	116.8	118.5	118.1	118.0	120.4	127.8	128.5	122.3	86.0	100.3	111.0	323.5	568.5	34.0
16:18:45	0:06:00	20.9	21.0	29.9	35.3	48.1	117.4	118.2	117.6	116.6	118.3	117.9	117.8	120.0	127.2	128.3	122.1	85.7	101.4	111.0	323.5	568.6	32.5

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/29/2015 16:02:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:58	0:06:13	20.5	20.6	29.9	35.3	48.2	117.4	118.2	117.6	116.5	118.3	117.8	117.8	120.5	127.4	128.3	122.1	85.7	101.6	111.0	323.5	568.6	32.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000337

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.7 MAX GAS TEMP: 086.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 128.3 MIN GAS TEMP: 085.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:3/12) 06/29/2015 16:02:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:58	0:00:00	20.5	20.6	29.9	35.3	48.2	117.4	118.2	117.6	116.5	118.3	117.8	117.8	120.5	127.4	128.3	122.1	85.7	101.6	111.0	323.5	568.6	32.5
16:20:58	0:02:00	23.2	23.3	29.9	38.0	50.4	118.5	119.6	119.1	116.9	119.6	119.3	118.1	120.5	127.8	128.2	122.0	85.3	98.8	111.0	323.5	568.6	37.0
16:22:59	0:04:00	25.9	26.0	29.9	39.3	51.9	118.7	119.8	119.4	117.0	120.0	119.7	118.2	120.4	127.7	128.2	121.9	85.1	96.2	111.0	323.5	568.6	38.5
16:24:59	0:06:00	28.6	28.8	29.9	39.8	52.3	118.9	120.1	119.6	117.0	120.2	119.9	118.2	120.3	127.8	128.1	121.7	84.8	94.0	111.0	323.5	568.6	38.4

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/29/2015 16:09:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:14	0:06:16	29.0	29.2	29.9	39.8	52.2	118.9	120.1	119.7	117.1	120.2	119.9	118.2	120.4	126.4	128.1	121.7	84.8	93.7	111.0	323.5	568.6	38.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.3 MAX GAS TEMP: 085.7
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 128.1 MIN GAS TEMP: 084.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:3/12) 06/29/2015 16:09:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:14	0:00:00	29.0	29.1	29.9	39.8	52.2	118.9	120.1	119.7	117.1	120.2	119.9	118.2	120.4	126.4	128.1	121.7	84.8	93.7	111.0	323.5	568.6	38.5
16:27:14	0:02:00	26.3	26.4	29.9	37.1	49.9	117.9	118.8	118.2	116.9	118.9	118.5	118.1	120.5	127.1	128.0	121.6	84.4	98.3	111.0	323.5	568.6	32.5
16:29:14	0:04:00	23.6	23.7	29.9	35.7	48.5	117.6	118.3	117.8	116.7	118.5	118.1	118.0	120.5	127.8	127.8	121.4	84.2	100.5	111.0	323.5	568.6	29.5
16:31:14	0:06:00	20.8	20.9	29.9	34.8	47.6	117.4	118.2	117.6	116.5	118.3	117.8	117.8	120.3	127.7	127.8	121.3	84.1	101.7	111.0	323.5	568.6	28.0

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/29/2015 16:15:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:31:31	0:06:17	20.5	20.6	29.9	34.4	47.0	117.4	118.2	117.6	116.5	118.2	117.8	117.7	120.4	126.5	127.7	121.3	84.1	101.7	111.0	323.5	568.6	28.0

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.1 MAX GAS TEMP: 084.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.7 MIN GAS TEMP: 084.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.3

AIR BACKFILL(1) (Loop:4/12) 06/29/2015 16:15:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:31:31	0:00:00	20.5	20.6	29.9	34.4	47.0	117.4	118.2	117.6	116.5	118.2	117.8	117.7	120.4	126.5	127.7	121.3	84.1	101.7	111.0	323.5	568.6	28.0
16:33:31	0:02:00	23.3	23.4	29.9	37.1	49.3	118.4	119.4	119.0	116.8	119.6	119.3	118.1	120.5	127.2	127.6	121.2	83.9	99.0	111.0	323.5	568.5	32.4
16:35:31	0:04:00	26.0	26.1	29.9	38.4	50.7	118.7	119.8	119.4	116.9	120.0	119.7	118.2	120.5	127.6	127.5	121.0	83.8	96.3	111.0	323.5	568.6	34.0
16:37:31	0:06:00	28.7	28.8	29.9	39.3	51.8	118.8	119.9	119.6	117.0	120.1	119.8	118.2	120.4	127.7	127.4	120.9	83.6	94.1	110.9	323.5	568.5	34.0

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/29/2015 16:21:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000338

16:37:44	0:06:13	29.0	29.1	29.9	38.9	51.2	118.8	119.9	119.6	117.0	120.2	119.9	118.1	120.3	126.2	127.4	120.9	83.6	93.9	110.9	323.5	568.5	32.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.8 MAX GAS TEMP: 084.2
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 127.4 MIN GAS TEMP: 083.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.9

POST EVACUATION(2) (Loop:4/12) 06/29/2015 16:21:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:37:44	0:00:00	29.0	29.1	29.9	38.9	51.2	118.8	119.9	119.6	117.0	120.2	119.9	118.1	120.3	126.2	127.4	120.9	83.6	93.9	110.9	323.5	568.5	32.5
16:39:44	0:02:00	26.3	26.4	29.9	36.6	49.3	117.9	118.8	118.2	116.9	118.9	118.5	118.1	120.5	126.9	127.5	120.8	83.6	98.7	111.0	323.5	568.6	28.0
16:41:44	0:04:00	23.6	23.7	29.9	35.3	47.8	117.7	118.5	117.9	116.8	118.5	118.1	117.9	120.5	127.5	127.4	120.7	83.4	100.8	111.0	323.5	568.5	25.0
16:43:44	0:06:00	20.9	21.0	29.9	34.3	46.9	117.4	118.3	117.6	116.5	118.3	117.9	117.8	120.5	127.9	127.3	120.6	83.4	102.0	111.0	323.5	568.6	25.0

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/29/2015 16:27:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:58	0:06:14	20.5	20.6	29.9	34.3	46.9	117.4	118.2	117.6	116.5	118.3	117.9	117.7	120.3	126.2	127.2	120.5	83.4	102.2	111.0	323.5	568.6	25.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 127.5 MAX GAS TEMP: 083.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 127.1 MIN GAS TEMP: 083.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.5

AIR BACKFILL(1) (Loop:5/12) 06/29/2015 16:27:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:58	0:00:00	20.5	20.6	29.9	34.3	46.9	117.4	118.2	117.6	116.5	118.3	117.9	117.7	120.3	126.2	127.2	120.5	83.4	102.2	111.0	323.5	568.6	25.0
16:45:58	0:02:00	23.2	23.3	29.9	36.6	48.6	118.5	119.6	119.1	116.9	119.7	119.3	118.1	120.5	127.2	127.1	120.5	83.3	99.5	111.0	323.5	568.6	27.9
16:47:58	0:04:00	25.9	26.0	29.9	38.0	50.1	118.8	119.9	119.5	117.0	120.0	119.7	118.1	120.5	127.6	127.0	120.4	83.3	96.7	111.0	323.5	568.6	29.5
16:49:58	0:06:00	28.7	28.8	29.9	38.4	50.5	118.9	120.1	119.7	117.0	120.2	120.0	118.2	120.5	127.8	126.8	120.2	83.2	94.6	111.0	323.5	568.6	29.5

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/29/2015 16:34:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:50:10	0:06:12	29.0	29.1	29.9	38.9	51.1	118.9	120.1	119.7	117.0	120.2	119.9	118.2	120.3	126.3	126.8	120.2	83.2	94.5	111.0	323.5	568.5	29.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.2 MAX GAS TEMP: 083.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 126.8 MIN GAS TEMP: 083.2
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:5/12) 06/29/2015 16:34:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:50:10	0:00:00	29.0	29.1	29.9	38.9	51.1	118.9	120.1	119.7	117.0	120.2	119.9	118.2	120.3	126.3	126.8	120.2	83.2	94.5	111.0	323.5	568.5	29.4
16:52:10	0:02:00	26.3	26.4	29.9	36.2	48.5	118.1	118.8	118.3	117.1	118.9	118.5	118.2	120.6	127.2	126.6	120.1	83.2	98.8	111.0	323.5	568.6	24.9
16:54:10	0:04:00	23.5	23.6	29.9	34.8	47.2	117.7	118.5	117.9	116.8	118.5	118.1	117.9	120.5	127.8	126.5	120.0	83.2	101.2	111.0	323.5	568.6	21.9
16:56:11	0:06:00	20.8	20.9	29.9	33.9	46.2	117.5	118.3	117.6	116.6	118.4	117.9	117.8	120.3	127.7	126.5	119.8	83.1	102.3	111.1	323.5	568.6	22.0

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/29/2015 16:40:15

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000339

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/29/2015 16:58:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:15:08	0:06:25	29.0	29.1	29.9	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.0	118.3	120.5	127.1	125.7	118.8	83.0	94.7	111.0	323.5	568.6	22.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.9 MAX GAS TEMP: 083.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 125.5 MIN GAS TEMP: 082.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:7/12) 06/29/2015 16:58:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:15:08	0:00:00	29.0	29.1	29.9	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.0	118.3	120.5	127.1	125.7	118.8	83.0	94.7	111.0	323.5	568.6	22.0
17:17:09	0:02:00	26.3	26.4	29.9	35.3	47.3	118.1	118.8	118.3	117.1	118.9	118.5	118.2	120.6	127.6	125.7	122.4	83.0	99.3	111.4	323.5	568.6	18.9
17:19:09	0:04:00	23.5	23.6	29.9	33.4	45.3	117.7	118.6	117.9	116.8	118.6	118.2	118.0	120.3	127.8	125.4	122.3	83.0	101.4	111.4	323.5	568.6	17.4
17:21:09	0:06:00	20.9	21.0	29.9	33.0	44.9	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.8	126.4	125.3	122.2	83.0	102.4	111.4	323.5	568.5	15.9

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/29/2015 17:05:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:21:22	0:06:14	20.5	20.5	29.9	32.5	44.3	117.5	118.3	117.7	116.6	118.3	117.9	117.7	120.6	127.7	125.3	122.2	83.0	102.6	111.4	323.5	568.6	16.0

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.7 MAX GAS TEMP: 083.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.6 DRM2 END: 568.6 MIN PRE TEMP: 125.2 MIN GAS TEMP: 082.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: -000.1 EO USED CYCLE:019.9 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:8/12) 06/29/2015 17:05:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:21:22	0:00:00	20.5	20.6	29.9	32.5	44.3	117.5	118.3	117.7	116.6	118.3	117.9	117.7	120.6	127.7	125.3	122.2	83.0	102.6	111.4	323.5	568.6	16.0
17:23:22	0:02:00	23.3	23.4	29.9	34.8	46.1	118.6	119.7	119.2	117.0	119.8	119.5	118.2	120.4	127.8	125.2	122.1	83.0	99.9	111.5	323.5	568.6	19.0
17:25:23	0:04:00	26.0	26.1	29.9	36.2	47.6	118.8	119.9	119.5	117.1	120.1	119.8	118.3	119.9	127.0	125.2	121.9	83.0	97.2	111.5	323.5	568.6	20.5
17:27:23	0:06:00	28.6	28.7	29.9	36.6	48.1	118.9	120.1	119.7	117.1	120.3	120.0	118.3	119.6	125.9	125.0	121.8	83.0	95.1	111.5	323.5	568.6	18.9

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/29/2015 17:11:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:27:37	0:06:15	29.0	29.1	29.9	36.6	48.0	119.0	120.2	119.7	117.1	120.3	120.0	118.3	120.5	127.8	125.0	121.8	83.0	94.8	111.5	323.5	568.6	18.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.3 MAX GAS TEMP: 083.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 125.0 MIN GAS TEMP: 082.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.8

POST EVACUATION(2) (Loop:8/12) 06/29/2015 17:11:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:27:37	0:00:00	29.0	29.1	29.9	36.6	48.0	119.0	120.2	119.7	117.1	120.3	120.0	118.3	120.5	127.8	125.0	121.8	83.0	94.8	111.5	323.5	568.6	18.9
17:29:37	0:02:00	26.3	26.4	29.9	34.3	46.2	118.0	118.8	118.3	117.0	119.0	118.6	118.2	120.3	127.6	124.9	121.7	83.1	99.4	111.5	323.5	568.5	15.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000340

17:31:37	0:04:00	23.5	23.6	29.9	33.5	45.3	117.7	118.5	117.9	116.8	118.6	118.2	118.0	119.6	125.8	125.0	121.6	83.0	101.6	111.5	323.5	568.6	14.4
17:33:37	0:06:00	20.8	20.9	29.9	32.5	44.3	117.5	118.3	117.7	116.6	118.4	118.0	117.8	118.9	123.0	124.9	121.4	83.1	102.8	111.6	323.5	568.6	14.4

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/29/2015 17:17:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:52	0:06:15	20.5	20.6	29.9	32.5	44.3	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.9	127.0	124.9	121.5	83.1	102.8	111.6	323.5	568.6	14.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 125.0 MAX GAS TEMP: 083.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 083.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.4

AIR BACKFILL(1) (Loop:9/12) 06/29/2015 17:17:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:52	0:00:00	20.5	20.6	29.9	32.5	44.3	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.9	127.0	124.9	121.5	83.1	102.8	111.6	323.5	568.6	14.4
17:35:52	0:02:00	23.3	23.4	29.9	34.3	45.5	118.5	119.6	119.1	117.0	119.8	119.4	118.2	119.4	125.6	124.7	121.4	83.2	100.1	111.6	323.5	568.6	15.9
17:37:53	0:04:00	26.0	26.1	29.9	35.3	46.4	118.8	119.9	119.5	117.1	120.2	119.9	118.4	119.2	124.8	124.7	121.2	83.2	97.5	111.6	323.5	568.6	17.4
17:39:53	0:06:00	28.7	28.8	29.9	36.2	47.4	119.0	120.2	119.7	117.2	120.3	120.0	118.4	118.9	123.6	124.6	121.1	83.2	95.3	111.6	323.5	568.6	17.4

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/29/2015 17:23:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:40:05	0:06:13	29.0	29.1	29.9	36.2	47.4	119.0	120.2	119.7	117.2	120.3	120.1	118.4	119.9	126.9	124.6	121.1	83.2	95.2	111.6	323.5	568.6	17.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 124.9 MAX GAS TEMP: 083.3
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 124.6 MIN GAS TEMP: 083.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 121.1

POST EVACUATION(2) (Loop:9/12) 06/29/2015 17:23:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:40:05	0:00:00	29.0	29.1	29.9	36.2	47.4	119.0	120.2	119.7	117.2	120.3	120.1	118.4	119.9	126.9	124.6	121.1	83.2	95.2	111.6	323.5	568.6	17.4
17:42:05	0:02:00	26.3	26.4	29.9	34.3	46.0	118.1	118.9	118.4	117.1	119.0	118.6	118.3	119.2	124.4	124.4	121.0	83.2	99.7	111.6	323.5	568.6	14.4
17:44:05	0:04:00	23.5	23.6	29.9	33.0	44.6	117.8	118.6	118.0	116.9	118.6	118.2	118.0	119.2	122.4	124.4	120.9	83.3	101.7	111.6	323.5	568.6	12.9
17:46:05	0:06:00	20.9	21.0	29.9	32.1	43.6	117.6	118.3	117.8	116.7	118.5	118.1	117.9	119.9	124.4	124.3	120.8	83.3	102.8	111.6	323.5	568.6	12.9

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/29/2015 17:30:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:46:19	0:06:14	20.5	20.6	29.9	32.1	43.7	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.0	122.2	124.3	120.7	83.3	102.9	111.6	323.5	568.6	12.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 124.6 MAX GAS TEMP: 083.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 124.2 MIN GAS TEMP: 083.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.7

AIR BACKFILL(1) (Loop:10/12) 06/29/2015 17:30:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000341

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

17:46:19	0:00:00	20.5	20.6	29.9	32.1	43.7	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.0	122.2	124.3	120.7	83.3	102.9	111.6	323.5	568.6	12.9
17:48:19	0:02:00	23.3	23.4	29.9	34.3	45.4	118.6	119.7	119.2	117.1	119.8	119.5	118.2	119.4	123.0	124.2	120.7	83.4	100.3	111.6	323.5	568.6	14.4
17:50:19	0:04:00	26.0	26.1	29.9	35.3	46.3	118.9	120.1	119.6	117.2	120.2	119.9	118.4	119.8	124.1	124.0	120.5	83.4	97.7	111.6	323.5	568.6	14.4
17:52:19	0:06:00	28.6	28.7	29.9	35.7	46.7	119.1	120.3	119.8	117.2	120.4	120.1	118.4	120.1	125.3	124.1	120.4	83.4	95.6	111.7	323.5	568.5	14.4

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/29/2015 17:36:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:52:34	0:06:15	29.0	29.1	29.9	35.7	46.6	119.1	120.3	119.8	117.3	120.4	120.1	118.4	119.2	122.4	124.1	120.5	83.4	95.4	111.6	323.5	568.6	14.7

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 124.3 MAX GAS TEMP: 083.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 083.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.4

POST EVACUATION(2) (Loop:10/12) 06/29/2015 17:36:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:52:34	0:00:00	29.0	29.1	29.9	35.7	46.6	119.1	120.3	119.8	117.3	120.4	120.1	118.4	119.2	122.4	124.1	120.5	83.4	95.4	111.6	323.5	568.6	14.7
17:54:34	0:02:00	26.3	26.4	29.9	33.9	45.4	118.1	118.9	118.4	117.1	119.0	118.6	118.3	119.8	124.0	128.4	120.3	83.4	99.9	111.6	323.5	568.6	12.9
17:56:34	0:04:00	23.6	23.7	29.9	32.5	44.0	117.8	118.6	118.0	116.9	118.6	118.3	118.1	120.4	126.1	128.3	120.1	83.4	101.9	111.6	323.5	568.6	11.4
17:58:34	0:06:00	20.9	21.0	29.9	31.6	43.0	117.6	118.3	117.8	116.7	118.4	118.0	117.8	120.7	127.6	128.3	120.1	83.4	102.9	111.6	323.5	568.6	11.4

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/29/2015 17:42:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:58:47	0:06:13	20.5	20.6	29.9	31.6	43.0	117.6	118.3	117.8	116.7	118.5	118.1	117.9	120.3	125.5	128.4	120.1	83.4	103.1	111.7	323.5	568.5	11.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 128.8 MAX GAS TEMP: 083.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 083.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 120.0

AIR BACKFILL(1) (Loop:11/12) 06/29/2015 17:42:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:58:47	0:00:00	20.5	20.6	29.9	31.6	43.0	117.6	118.3	117.8	116.7	118.5	118.1	117.9	120.3	125.5	128.4	120.1	83.4	103.1	111.7	323.5	568.5	11.4
18:00:47	0:02:00	23.3	23.4	29.9	33.9	44.9	118.6	119.7	119.2	117.0	119.8	119.6	118.3	120.4	126.5	128.3	119.8	83.4	100.5	111.6	323.5	568.6	12.9
18:02:48	0:04:00	26.0	26.1	29.9	34.8	45.7	118.9	120.1	119.6	117.2	120.3	120.0	118.4	120.6	127.3	128.4	119.8	83.4	97.8	111.7	323.5	568.6	12.9
18:04:48	0:06:00	28.7	28.8	29.9	35.7	46.8	119.0	120.3	119.7	117.2	120.4	120.1	118.4	120.5	127.9	128.3	119.7	83.6	95.7	111.7	323.5	568.5	12.9

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/29/2015 17:48:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:05:00	0:06:13	29.0	29.1	29.9	35.7	46.7	119.1	120.3	119.8	117.3	120.4	120.1	118.4	120.5	126.5	128.3	119.7	83.6	95.5	111.7	323.5	568.5	12.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 128.5 MAX GAS TEMP: 083.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 128.2 MIN GAS TEMP: 083.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:11/12) 06/29/2015 17:48:51

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000342

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
18:05:00	0:00:00	29.0	29.1	29.9	35.7	46.7	119.1	120.3	119.8	117.3	120.4	120.1	118.4	120.5	126.5	128.3	119.7	83.6	95.5	111.7	323.5	568.5	12.9
18:07:00	0:02:00	26.3	26.4	29.9	33.4	44.8	118.1	118.9	118.4	117.1	119.0	118.6	118.3	120.6	127.7	128.2	119.6	83.6	99.9	111.7	323.5	568.5	11.4
18:09:00	0:04:00	23.5	23.6	29.9	32.1	43.4	117.8	118.6	118.0	116.9	118.7	118.3	118.1	120.1	127.3	128.1	119.5	83.6	101.9	111.7	323.5	568.6	9.9
18:11:00	0:06:00	20.9	21.0	29.9	31.6	43.0	117.6	118.3	117.8	116.7	118.5	118.1	117.9	119.2	124.8	127.9	119.3	83.6	102.9	111.6	323.5	568.6	9.9

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/29/2015 17:55:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:11:15	0:06:14	20.5	20.6	29.9	31.6	43.1	117.5	118.3	117.7	116.6	118.4	118.0	117.9	120.4	127.8	127.8	119.3	83.6	103.0	111.6	323.5	568.6	9.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.5 MAX PRE TEMP: 128.3 MAX GAS TEMP: 083.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.8 MIN GAS TEMP: 083.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: -000.1 EO USED CYCLE:019.9 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:12/12) 06/29/2015 17:55:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:11:15	0:00:00	20.5	20.6	29.9	31.6	43.1	117.5	118.3	117.7	116.6	118.4	118.0	117.9	120.4	127.8	127.8	119.3	83.6	103.0	111.6	323.5	568.6	9.9
18:13:15	0:02:00	23.3	23.4	29.9	33.4	44.3	118.6	119.7	119.2	117.0	119.8	119.6	118.4	119.8	126.8	127.6	119.3	83.7	100.5	111.6	323.5	568.6	11.4
18:15:15	0:04:00	26.0	26.1	29.9	34.3	45.0	119.0	120.1	119.6	117.3	120.1	119.9	118.4	119.2	124.8	127.5	119.1	83.6	97.8	111.6	323.5	568.6	11.4
18:17:15	0:06:00	28.7	28.8	29.9	35.3	46.1	119.1	120.3	119.8	117.3	120.4	120.1	118.5	118.9	123.3	127.4	119.0	83.7	95.7	111.6	323.5	568.5	11.4

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/29/2015 18:01:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:17:28	0:06:13	29.0	29.1	29.9	35.3	46.1	119.1	120.3	119.8	117.3	120.3	120.1	118.5	119.9	127.0	127.4	119.1	83.8	95.5	111.6	323.5	568.6	11.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.8 MAX GAS TEMP: 083.8
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.4 MIN GAS TEMP: 083.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:12/12) 06/29/2015 18:01:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:17:28	0:00:00	29.0	29.1	29.9	35.3	46.1	119.1	120.3	119.8	117.3	120.3	120.1	118.5	119.9	127.0	127.4	119.1	83.8	95.5	111.6	323.5	568.6	11.4
18:19:28	0:02:00	26.3	26.4	29.9	33.0	44.2	118.2	118.9	118.4	117.2	119.0	118.7	118.3	119.2	124.1	127.3	122.3	83.7	99.9	112.0	323.5	568.6	9.9
18:21:28	0:04:00	23.6	23.7	29.9	32.1	43.3	117.8	118.6	118.1	116.9	118.6	118.3	118.1	119.2	122.3	127.3	122.2	83.8	101.9	112.0	323.5	568.6	8.4
18:23:28	0:06:00	20.9	21.0	29.9	31.2	42.4	117.6	118.3	117.8	116.7	118.5	118.0	117.9	119.8	123.8	127.2	122.1	83.8	102.9	112.0	323.5	568.6	8.4

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/29/2015 18:07:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:23:43	0:06:18	20.5	20.6	29.9	31.2	42.3	117.6	118.3	117.8	116.7	118.4	118.0	117.8	119.0	123.0	127.1	122.1	83.8	103.0	112.0	323.5	568.6	8.3

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.5 MAX GAS TEMP: 083.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 323.5 DRM2 END: 568.6 MIN PRE TEMP: 127.1 MIN GAS TEMP: 083.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:019.9 MIN VAP TEMP: 119.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000343

CYCLE NO: 0000000156

STERILIZER NUMBER: 0001033693

AIR BACKFILL(2) 06/29/2015 18:07:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:23:43	0:00:00	20.5	20.6	29.9	31.2	42.3	117.6	118.3	117.8	116.7	118.4	118.0	117.8	119.0	123.0	127.1	122.1	83.8	103.0	112.0	323.5	568.6	8.3
18:24:43	0:01:00	21.8	21.9	29.9	32.5	43.5	118.2	119.2	118.7	116.9	119.2	119.0	118.1	118.9	122.4	127.1	122.0	83.8	101.8	112.0	323.5	568.5	8.4
18:25:43	0:02:00	23.2	23.3	29.9	33.0	43.6	118.6	119.7	119.2	117.1	119.8	119.5	118.3	119.2	122.3	127.0	122.0	83.8	100.4	112.0	323.5	568.6	9.9
18:26:43	0:03:00	24.5	24.6	29.9	33.4	44.0	118.9	119.9	119.5	117.2	120.0	119.8	118.4	119.2	122.6	127.0	121.9	83.8	99.1	112.1	323.5	568.6	9.9
18:27:43	0:04:00	25.9	26.0	29.9	33.9	44.5	118.9	120.1	119.6	117.2	120.2	120.0	118.5	119.4	123.0	126.9	121.9	83.8	97.7	112.0	323.5	568.5	9.9
18:28:43	0:05:00	27.4	27.5	29.9	34.3	45.0	119.0	120.2	119.7	117.3	120.3	120.0	118.5	119.6	123.7	126.8	121.8	83.8	96.6	112.0	323.5	568.6	9.9
18:29:44	0:06:01	28.7	28.8	29.9	34.3	44.9	119.1	120.3	119.8	117.2	120.4	120.1	118.4	119.8	124.1	126.8	121.8	83.8	95.6	112.0	323.5	568.6	9.9

AIR BACKFILL(2) SUMMARY 06/29/2015 18:13:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:30:02	0:06:19	29.0	29.1	29.9	34.8	45.5	119.1	120.3	119.8	117.2	120.4	120.2	118.5	118.9	123.5	126.8	121.7	83.8	95.3	112.0	323.5	568.5	9.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.5 DRM1 START: 323.5 DRM2 START: 568.6 MAX PRE TEMP: 127.2 MAX GAS TEMP: 083.8
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 323.5 DRM2 END: 568.5 MIN PRE TEMP: 126.7 MIN GAS TEMP: 083.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.1 EO USED CYCLE:019.9 MIN VAP TEMP: 121.7

END OF CYCLE 06/29/2015 18:13:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:30:02	0:00:00	29.0	29.1	29.9	34.8	45.5	119.1	120.3	119.8	117.2	120.4	120.2	118.5	118.9	123.5	126.8	121.7	83.8	95.3	112.0	323.5	568.5	9.9

DRUM 1 EMPTY ALARM RESET 06/29/2015 18:13:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:30:02	0:00:00	29.0	29.1	29.9	34.8	45.5	119.1	120.3	119.8	117.2	120.4	120.2	118.5	118.9	123.5	126.8	121.7	83.8	95.3	112.0	323.5	568.5	9.9
18:31:02	0:01:00	29.1	29.2	29.9	34.3	44.9	119.1	119.9	119.4	117.9	120.0	119.7	119.1	118.9	123.2	126.8	121.7	83.8	94.4	112.0	323.5	568.5	9.9
18:32:02	0:02:00	29.1	29.2	29.9	34.3	45.0	119.0	119.7	119.2	118.0	119.9	119.5	119.3	118.9	122.3	126.7	121.7	83.8	93.4	112.1	323.5	568.6	9.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000344

Aeration Validation

Set "C"

Sterilization Cycle# CA500325

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CA500325 Load Number: Dunnage Load

Date Cycle Completed: July 2, 2015 Time Cycle Completed: 01:42

Date Aeration Completed: July 5, 2015 Time Aeration Completed: 23:35

Notes: Chamber A (STE14-031), (Set C: 2 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	96	95	130	°F
Room Temperature Min	100	95	115	°F
Room Temperature Max	104	95	115	°F
Room RH Min	43	40	70	%
Room RH Max	60	40	70	%
PCR Elapsed Time	12:05	12:00	96:00	Hrs:Min
Load Time	19	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	96	38	390	Minutes
Chamber Moisture Min	42.2	18.3	86.3	mg/L
Chamber Moisture Max	57.2	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.4	20.0	21.0	inHgA
EtO Inject Pressure	27.9	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	23.6	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	28.9	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.0*	28.5	29.5	inHgA
Chamber Pressure Max	28.9	28.5	29.5	inHgA
Chamber Temperature Min	117.1	95	130	°F
Chamber Temperature Max	118.4	95	130	°F
Exposure Time	11:58	10:00	12:00	Hrs:Min
Gas Concentration Min	316.4	200	480	mg/L
Gas Concentration Max	397.5	200	480	mg/L
Exhaust:				
Vacuum	20.3	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.3	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.3	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.3	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.3	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.3	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.4	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.3	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.4	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.3	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.4	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	28.8	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	28.8	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.4	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	28.8	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.3	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	28.8	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	28.8	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

		Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.3	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	28.8	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.4	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	28.8	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.4	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	28.8	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.4	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	28.9	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.4	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	28.9	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.4	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	28.9	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.4	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	28.9	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.4	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	28.9	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	93:40	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	103	95	115	°F
Room Temperature Max	107	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.7	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The pressure during the exposure phase was below the minimum specification of 28.5 inHgA by 0.5 inHgA with an actual pressure of 28.0 inHgA. The drop in pressure was caused by a problem with the emission system which prevented a gas makeup from occurring. During the out of specification pressure time the gas concentration remained in specification. This will be considered acceptable for study STE14-031.

Reviewed by: _____ Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 06:52	DATE: 07-01-15
CA500325	CYCLE LOAD TIME: 06:57	DATE: 07-01-15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: AH

STARTING PCR TEMP: 96 STARTING PCR TIME: 18:52 START PCR DATE: 6/30/15

PCR MIN RH: 43 PCR MIN TEMP: 100

PCR MAX RH: 60 PCR MAX TEMP: 104

PALLET PRODUCT LOTS VERIFIED LOAD BY: GB PCR CIRCULATOR RUNNING: KG

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5014058			
STE14-031	6Pallet Residuals (Set C: 2 of 3X)				

CYCLE START TIME: 07:16 CYCLE START DATE: 07-01-15 ETC RUN #: 154

CYCLE END TIME: 1:412 CYCLE END DATE: 7/2/15 PRIMARY START TIME: 1:55

PRIMARY END TIME: 23:35 PRIMARY END DATE: 07-5-15 MIN TEMP: 103 MAX TEMP: 107

AERATION CIRCULATOR RUNNING: KG

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: AH Management Review:

COVIDIEN
60 MIDDLETOWN AVE
NORTH HAVEN, CT
06473
203-492-5000 [T]
203-492-6398 [F]

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

```
*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
```

CHAMBER 103369-2

DATE: 07/01/2015
TIME: 7:16:54 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000154

LOAD NUMBER 1: CA500325
LOAD NUMBER 2: 5014058
LOAD NUMBER 3: STE14-031 6 Pallet Residuals
LOAD NUMBER 4: (Set C: 2 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001089

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000352

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000353

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000354

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000355

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000356

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 07/01/2015 07:16:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.2	30.1	29.8	39.1	57.3	114.8	115.1	115.0	114.1	115.3	114.6	113.4	119.4	125.2	125.0	121.6	83.3	83.6	114.8	508.5	311.3	0.1
0:01:00	0:01:00	28.5	28.4	29.8	38.2	56.8	114.2	114.5	114.4	113.6	114.7	114.1	112.9	119.2	124.6	124.9	121.6	83.3	90.3	114.8	508.5	311.3	0.1
0:02:00	0:02:00	27.2	27.1	29.8	36.8	55.0	114.1	114.4	114.3	113.4	114.5	114.0	112.8	119.1	125.7	124.9	121.5	83.3	93.3	114.8	508.5	311.3	0.1
0:03:00	0:03:00	25.9	25.8	29.8	35.9	53.6	114.1	114.4	114.4	113.4	114.4	113.8	112.7	119.4	127.3	124.9	121.5	83.3	95.2	114.8	508.5	311.3	0.1
0:04:00	0:04:00	24.6	24.5	29.8	34.6	51.6	114.1	114.4	114.3	113.4	114.5	113.8	112.7	120.0	128.2	124.8	121.4	83.2	96.5	114.8	508.5	311.3	0.1
0:05:00	0:05:00	23.3	23.1	29.8	33.7	50.3	114.1	114.4	114.3	113.4	114.4	113.8	112.7	120.2	128.2	124.8	121.4	83.2	97.6	114.8	508.5	311.3	0.1
0:06:01	0:06:00	21.9	21.8	29.8	32.3	48.4	113.9	114.3	114.2	113.3	114.4	113.8	112.7	120.2	127.7	124.7	121.3	83.2	98.4	114.8	508.5	311.3	0.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000357

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

0:07:01	0:07:01	20.5	20.4	29.8	31.4	47.1	113.9	114.2	114.2	113.3	114.3	113.8	112.6	120.0	127.0	124.6	121.3	83.2	99.0	114.7	508.5	311.3	0.1

INITIAL EVACUATION(1) SUMMARY 07/01/2015 07:23:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:03	0:07:03	20.5	20.4	29.8	31.4	47.1	113.9	114.2	114.2	113.3	114.3	113.8	112.6	119.9	126.7	124.6	121.2	83.2	99.0	114.8	508.5	311.3	0.1

START PRESS: 0030.2 MAX PRESS: 0030.2 MAX TEMP: 115.3 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 125.0 MAX GAS TEMP: 083.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 124.5 MIN GAS TEMP: 083.1
PRESS CHANGE: 009.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

STABILIZATION 07/01/2015 07:23:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:03	0:00:00	20.5	20.4	29.8	31.4	47.1	113.9	114.2	114.2	113.3	114.3	113.8	112.6	119.9	126.7	124.6	121.2	83.2	99.0	114.8	508.5	311.3	0.1
0:08:03	0:01:00	20.5	20.4	29.8	31.4	46.3	114.5	114.8	114.8	114.0	114.9	114.4	113.2	119.7	125.8	124.5	121.1	83.1	97.7	114.8	508.5	311.3	0.1
0:09:03	0:02:00	20.5	20.5	29.8	32.3	47.2	114.9	115.2	115.2	114.4	115.3	114.8	113.6	119.4	125.1	124.6	121.1	83.1	96.2	114.8	508.5	311.3	-0.1
0:10:03	0:03:00	20.6	20.5	29.8	32.8	47.5	115.2	115.4	115.4	114.6	115.6	115.1	113.9	119.2	124.5	124.5	121.1	83.1	94.8	114.8	508.5	311.3	0.1
0:11:04	0:04:00	20.6	20.5	29.8	33.2	48.0	115.3	115.5	115.6	114.8	115.7	115.3	114.0	119.2	125.8	124.4	121.0	83.1	93.6	114.8	508.5	311.3	0.1
0:12:04	0:05:00	20.6	20.5	29.8	33.7	48.4	115.5	115.7	115.8	114.9	115.9	115.4	114.2	119.7	127.7	124.4	120.9	83.1	92.4	114.8	508.5	311.3	0.1
0:13:04	0:06:01	20.6	20.5	29.8	34.1	48.8	115.6	115.8	115.9	115.1	116.0	115.4	114.4	120.1	128.2	124.4	120.8	83.0	91.5	114.8	508.5	311.3	0.1
0:14:04	0:07:01	20.6	20.5	29.8	34.5	49.4	115.7	115.9	116.0	115.2	116.1	115.6	114.5	120.3	127.8	124.2	120.8	83.1	90.6	114.7	508.5	311.3	0.1
0:15:04	0:08:01	20.6	20.5	29.8	34.6	49.2	115.9	116.0	116.1	115.4	116.1	115.7	114.6	120.2	127.4	124.2	120.8	83.1	90.0	114.8	508.5	311.3	0.1
0:16:04	0:09:01	20.6	20.5	29.8	35.0	49.8	115.9	116.1	116.2	115.4	116.3	115.9	114.7	120.0	126.6	124.2	120.7	83.1	89.3	114.8	508.5	311.3	0.1

STABILIZATION SUMMARY 07/01/2015 07:33:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:03	0:10:00	20.7	20.6	29.8	35.0	49.7	116.0	116.1	116.3	115.5	116.4	116.0	114.9	119.9	126.1	124.2	120.6	83.0	88.7	114.8	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 116.4 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 124.6 MAX GAS TEMP: 083.2
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 124.1 MIN GAS TEMP: 083.0
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

LEAK CHECK 07/01/2015 07:33:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:03	0:00:00	20.7	20.6	29.8	35.0	49.7	116.0	116.1	116.3	115.5	116.4	116.0	114.9	119.9	126.1	124.2	120.6	83.0	88.7	114.8	508.5	311.3	0.1
0:18:03	0:01:00	20.7	20.6	29.8	35.9	50.7	116.2	116.3	116.5	115.7	116.4	116.0	115.0	119.7	125.7	124.2	120.6	83.0	88.2	114.8	508.5	311.3	0.1
0:19:03	0:02:00	20.7	20.6	29.8	35.9	50.7	116.2	116.3	116.5	115.7	116.5	116.1	115.0	119.7	125.6	124.1	120.5	83.0	87.8	114.8	508.5	311.3	0.2
0:20:04	0:03:00	20.7	20.6	29.8	35.9	50.6	116.3	116.4	116.5	115.8	116.6	116.2	115.2	119.7	125.6	124.1	120.4	82.9	87.3	114.8	508.5	311.3	0.1
0:21:04	0:04:00	20.7	20.6	29.8	36.4	51.0	116.4	116.5	116.7	116.0	116.7	116.3	115.3	119.6	124.9	124.0	120.4	83.0	86.9	114.8	508.5	311.3	0.1

LEAK CHECK SUMMARY 07/01/2015 07:38:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:03	0:05:00	20.7	20.6	29.8	36.4	50.9	116.5	116.6	116.8	116.1	116.7	116.4	115.3	119.5	124.8	124.0	120.3	83.0	86.6	114.8	508.5	311.3	0.1

START PRESS: 0020.7 MAX PRESS: 0020.7 MAX TEMP: 116.7 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 124.2 MAX GAS TEMP: 083.1
END PRESS: 0020.7 MIN PRESS: 0020.7 MIN TEMP: 114.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 082.9
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000358

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 120.3

INITIAL N2 WASH(1) (Loop:1/5) 07/01/2015 07:38:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:03	0:00:00	20.7	20.6	29.8	36.4	50.9	116.5	116.6	116.8	116.1	116.7	116.4	115.3	119.5	124.8	124.0	120.3	83.0	86.6	114.8	508.5	311.3	0.1
0:23:03	0:01:00	22.0	21.9	29.8	37.3	51.5	117.0	117.0	117.3	116.6	117.2	116.9	115.8	119.4	124.6	124.1	120.2	94.4	86.3	114.8	508.5	311.3	0.1
0:24:04	0:02:00	23.4	23.3	29.8	38.2	52.2	117.4	117.3	117.8	117.1	117.5	117.2	116.2	119.3	123.9	128.3	120.1	105.1	86.1	114.8	508.5	311.3	0.0
0:25:04	0:03:00	24.7	24.6	29.8	38.6	52.6	117.5	117.5	117.8	117.2	117.6	117.4	116.4	119.3	124.2	128.2	120.0	109.6	85.9	114.9	508.5	311.3	0.1
0:26:04	0:04:00	26.1	26.0	29.8	39.1	53.0	117.7	117.6	117.9	117.4	117.8	117.5	116.7	119.4	124.3	128.1	120.0	111.3	85.6	114.8	508.5	311.3	0.1

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 07/01/2015 07:43:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:03	0:05:00	27.5	27.4	29.8	39.1	52.8	117.8	117.8	118.2	117.5	117.9	117.7	116.8	119.2	123.8	128.2	119.8	111.8	85.5	114.8	508.5	311.3	0.1

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 118.0 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.4 MAX GAS TEMP: 111.8
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.3 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 123.9 MIN GAS TEMP: 083.0
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:1/5) 07/01/2015 07:43:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:03	0:00:00	27.5	27.4	29.8	39.1	52.8	117.8	117.8	118.2	117.5	117.9	117.7	116.8	119.2	123.8	128.2	119.8	111.8	85.5	114.8	508.5	311.3	0.1
0:28:03	0:01:00	26.0	25.9	29.8	36.8	51.1	116.9	116.9	117.1	116.5	117.0	116.7	115.9	119.3	124.2	128.2	119.7	109.4	91.1	114.8	508.5	311.3	0.1
0:29:04	0:02:00	24.7	24.6	29.8	34.6	48.5	116.4	116.4	116.7	116.1	116.6	116.3	115.4	119.1	124.1	128.3	119.7	106.3	94.2	114.9	508.5	311.3	0.0
0:30:04	0:03:00	23.3	23.2	29.8	33.2	46.9	116.1	116.1	116.4	115.8	116.3	116.0	115.1	119.2	125.3	128.1	119.6	103.7	96.1	114.8	508.5	311.3	0.0
0:31:04	0:04:00	22.0	21.9	29.8	31.9	45.2	116.0	116.0	116.3	115.7	116.1	115.9	115.0	119.5	126.7	128.1	119.5	101.4	97.5	114.8	508.5	311.3	0.1
0:32:04	0:05:00	20.6	20.5	29.8	30.5	43.4	115.9	115.8	116.2	115.5	116.0	115.8	114.9	119.6	127.4	128.1	119.4	99.4	98.6	114.8	508.5	311.3	0.1

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 07/01/2015 07:49:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:10	0:05:07	20.5	20.4	29.8	30.5	43.5	115.8	115.8	116.1	115.5	116.0	115.7	114.8	120.1	128.4	128.0	119.4	99.2	98.6	114.8	508.5	311.3	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.0 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.3 MAX GAS TEMP: 111.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 128.0 MIN GAS TEMP: 099.2
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8

EO USED PHASE: 000.0 EO USED CYCLE:000.0

MIN VAP TEMP: 119.4

INITIAL N2 WASH(1) (Loop:2/5) 07/01/2015 07:49:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:10	0:00:00	20.5	20.4	29.8	30.5	43.5	115.8	115.8	116.1	115.5	116.0	115.7	114.8	120.1	128.4	128.0	119.4	99.2	98.6	114.8	508.5	311.3	0.1
0:33:10	0:01:00	21.8	21.7	29.8	31.9	44.2	116.8	116.7	117.1	116.5	116.9	116.7	115.8	120.4	128.4	128.0	119.4	102.8	97.3	114.8	508.5	311.3	0.1
0:34:10	0:02:00	23.2	23.1	29.8	32.8	44.7	117.4	117.3	117.8	117.2	117.5	117.3	116.4	120.4	128.6	128.0	119.3	108.2	95.9	114.8	508.5	311.3	0.1
0:35:10	0:03:00	24.5	24.4	29.8	33.2	45.0	117.7	117.6	118.1	117.4	117.8	117.6	116.8	120.4	128.1	127.9	119.1	110.5	94.5	114.8	508.5	311.3	0.1
0:36:10	0:04:00	25.9	25.8	29.8	33.2	44.8	117.9	117.8	118.3	117.7	118.0	117.8	117.1	120.5	127.9	127.9	119.1	111.5	93.4	114.8	508.5	311.3	0.1
0:37:11	0:05:00	27.3	27.1	29.8	33.7	45.2	118.1	117.9	118.5	117.9	118.1	117.9	117.2	120.3	127.4	128.0	120.2	111.9	92.4	116.3	508.5	311.3	0.1

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 07/01/2015 07:54:16

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000359

hh:mm:ss	hh:mm:ss	("HgA)	("HgA)	("HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
0:37:21	0:05:11	27.5	27.4	29.8	33.7	45.1	118.1	118.0	118.5	117.9	118.1	117.9	117.2	119.9	125.9	128.0	121.3	112.0	92.2	116.9	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.1 MAX GAS TEMP: 112.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 127.9 MIN GAS TEMP: 099.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 118.9

INITIAL EVACUATION(2) (Loop:2/5) 07/01/2015 07:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:21	0:00:00	27.5	27.4	29.8	33.7	45.1	118.1	118.0	118.5	117.9	118.1	117.9	117.2	119.9	125.9	128.0	121.3	112.0	92.2	116.9	508.5	311.3	0.1
0:38:21	0:01:00	26.1	26.0	29.8	32.3	44.4	117.2	117.1	117.4	117.0	117.2	117.0	116.3	119.8	125.6	127.8	122.5	110.0	95.3	115.3	508.5	311.3	0.1
0:39:21	0:02:00	24.7	24.6	29.8	30.5	42.5	116.7	116.6	117.0	116.4	116.8	116.6	115.8	119.7	125.4	127.8	122.6	107.2	97.2	115.3	508.5	311.3	0.1
0:40:21	0:03:00	23.4	23.3	29.8	29.1	40.8	116.5	116.4	116.7	116.2	116.5	116.3	115.5	119.7	124.9	127.7	122.5	104.8	98.5	115.3	508.5	311.3	0.1
0:41:21	0:04:00	22.1	21.9	29.8	28.3	39.8	116.3	116.2	116.6	116.0	116.4	116.2	115.4	119.5	124.7	127.7	122.4	102.6	99.4	115.4	508.5	311.3	0.1
0:42:21	0:05:00	20.7	20.6	29.8	27.8	39.2	116.2	116.1	116.5	115.9	116.3	116.1	115.3	119.4	124.5	127.6	122.3	100.6	100.0	115.4	508.5	311.3	0.1

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 07/01/2015 07:59:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:31	0:05:10	20.5	20.4	29.8	27.3	38.5	116.2	116.1	116.5	115.9	116.2	116.1	115.2	119.2	125.2	127.6	122.3	100.4	100.1	115.3	508.5	311.3	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.0 MAX GAS TEMP: 112.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.2 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 127.6 MIN GAS TEMP: 100.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.3

INITIAL N2 WASH(1) (Loop:3/5) 07/01/2015 07:59:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:31	0:00:00	20.5	20.4	29.8	27.3	38.5	116.2	116.1	116.5	115.9	116.2	116.1	115.2	119.2	125.2	127.6	122.3	100.4	100.1	115.3	508.5	311.3	0.1
0:43:31	0:01:00	21.8	21.7	29.8	28.7	39.5	117.1	116.9	117.5	116.9	117.2	117.1	116.2	119.3	125.9	127.6	122.2	104.4	98.8	115.4	508.5	311.3	0.1
0:44:31	0:02:00	23.2	23.1	29.8	30.1	40.7	117.8	117.6	118.2	117.6	117.7	117.6	116.8	119.6	127.0	127.6	122.1	110.2	97.4	115.4	508.5	311.3	0.1
0:45:32	0:03:00	24.5	24.4	29.8	30.1	40.4	118.0	117.8	118.4	117.9	118.0	117.9	117.2	119.8	127.5	127.6	122.0	112.9	96.0	115.4	508.5	311.3	0.1
0:46:32	0:04:00	25.9	25.8	29.8	30.9	41.4	118.2	118.0	118.6	118.1	118.3	118.1	117.4	119.9	127.8	127.5	121.9	113.9	94.8	115.4	508.5	311.3	0.1
0:47:32	0:05:00	27.3	27.2	29.8	30.9	41.2	118.4	118.2	118.8	118.2	118.3	118.2	117.5	120.1	128.4	127.5	121.7	114.3	93.7	115.4	508.5	311.3	0.0

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 07/01/2015 08:04:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:43	0:05:11	27.5	27.4	29.8	31.0	41.2	118.4	118.2	118.8	118.3	118.3	118.2	117.6	120.3	127.7	127.5	121.8	114.4	93.6	115.4	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 127.6 MAX GAS TEMP: 114.4
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.2 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 127.4 MIN GAS TEMP: 100.2
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.7

INITIAL EVACUATION(2) (Loop:3/5) 07/01/2015 08:04:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:43	0:00:00	27.5	27.4	29.8	31.0	41.2	118.4	118.2	118.8	118.3	118.3	118.2	117.6	120.3	127.7	127.5	121.8	114.4	93.6	115.4	508.5	311.3	0.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000360

0:48:43	0:01:00	26.1	26.0	29.8	29.1	39.8	117.5	117.3	117.8	117.3	117.4	117.2	116.7	120.4	127.5	127.4	121.7	111.9	96.2	115.4	508.5	311.3	0.1
0:49:43	0:02:00	24.8	24.7	29.8	28.2	39.1	116.9	116.8	117.3	116.7	117.0	116.8	116.1	120.3	127.3	127.3	121.6	109.1	97.9	115.4	508.5	311.3	0.1
0:50:43	0:03:00	23.5	23.3	29.8	27.3	38.0	116.7	116.6	117.0	116.5	116.7	116.6	115.9	120.1	126.8	127.3	121.6	106.6	99.0	115.4	508.5	311.3	0.0
0:51:43	0:04:00	22.1	21.9	29.8	26.0	36.3	116.6	116.4	116.9	116.4	116.6	116.5	115.7	120.2	126.8	127.2	121.4	104.3	99.8	115.4	508.5	311.3	0.1
0:52:43	0:05:00	20.7	20.5	29.8	26.0	36.4	116.4	116.3	116.7	116.2	116.5	116.3	115.6	120.1	126.7	127.2	121.4	102.5	100.5	115.4	508.5	311.3	0.1

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 07/01/2015 08:09:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:51	0:05:06	20.5	20.4	29.8	25.5	35.8	116.4	116.3	116.7	116.2	116.4	116.3	115.5	119.8	125.7	127.2	121.4	102.3	100.5	115.4	508.5	311.3	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 127.5 MAX GAS TEMP: 114.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 127.1 MIN GAS TEMP: 102.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.3

INITIAL N2 WASH(1) (Loop:4/5) 07/01/2015 08:09:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:51	0:00:00	20.5	20.4	29.8	25.5	35.8	116.4	116.3	116.7	116.2	116.4	116.3	115.5	119.8	125.7	127.2	121.4	102.3	100.5	115.4	508.5	311.3	0.1
0:53:51	0:01:00	21.8	21.7	29.8	27.3	37.4	117.4	117.2	117.8	117.2	117.3	117.2	116.3	119.8	125.2	127.2	121.3	105.1	99.3	115.4	508.5	311.3	0.1
0:54:51	0:02:00	23.2	23.1	29.8	27.8	37.4	118.0	117.7	118.4	117.8	117.9	117.8	117.1	119.7	125.2	127.1	121.1	110.1	97.8	115.4	508.5	311.3	0.1
0:55:51	0:03:00	24.5	24.4	29.8	28.2	37.7	118.3	118.0	118.7	118.2	118.3	118.1	117.5	119.6	124.6	127.0	121.0	112.5	96.5	115.4	508.5	311.3	0.1
0:56:51	0:04:00	25.9	25.8	29.8	28.7	38.2	118.4	118.2	118.8	118.3	118.4	118.3	117.7	119.3	124.1	127.0	120.9	113.5	95.3	115.4	508.5	311.3	0.1
0:57:51	0:05:00	27.3	27.1	29.8	29.1	38.6	118.6	118.3	119.0	118.5	118.5	118.4	117.8	119.4	124.1	126.9	120.8	113.8	94.2	115.4	508.5	311.3	0.0

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 07/01/2015 08:14:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:01	0:05:21	27.5	27.4	29.8	29.1	38.6	118.6	118.3	119.0	118.5	118.5	118.4	117.8	119.3	125.4	126.9	120.8	113.8	94.1	115.4	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 127.2 MAX GAS TEMP: 113.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 126.9 MIN GAS TEMP: 102.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

INITIAL EVACUATION(2) (Loop:4/5) 07/01/2015 08:14:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:01	0:00:00	27.5	27.4	29.8	29.1	38.6	118.6	118.3	119.0	118.5	118.5	118.4	117.8	119.3	125.4	126.9	120.8	113.8	94.1	115.4	508.5	311.3	0.1
0:59:01	0:01:00	26.1	26.0	29.8	27.8	37.7	117.7	117.5	117.9	117.6	117.6	117.5	116.8	119.3	125.8	126.8	120.7	111.6	96.5	115.4	508.5	311.3	0.1
1:00:02	0:02:00	24.8	24.7	29.8	26.4	36.4	117.2	117.0	117.4	117.0	117.1	117.0	116.3	119.5	126.7	126.8	120.6	108.9	98.2	115.4	508.5	311.3	0.1
1:01:02	0:03:00	23.5	23.3	29.8	26.0	36.0	116.9	116.7	117.3	116.8	116.9	116.8	116.1	119.5	126.6	126.7	120.6	106.6	99.2	115.4	508.5	311.3	0.1
1:02:02	0:04:00	22.1	22.0	29.8	25.1	34.8	116.8	116.6	117.1	116.7	116.7	116.6	115.9	119.6	126.8	126.6	120.5	104.6	100.0	115.4	508.5	311.3	0.1
1:03:02	0:05:00	20.7	20.6	29.8	24.2	33.7	116.7	116.5	117.0	116.5	116.6	116.6	115.8	119.7	127.4	126.6	120.4	102.7	100.7	115.4	508.5	311.3	0.1

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 07/01/2015 08:20:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:10	0:05:09	20.5	20.4	29.8	23.7	33.1	116.6	116.4	116.9	116.4	116.6	116.6	115.8	120.3	128.4	126.6	120.4	102.3	100.8	115.4	508.5	311.3	0.0

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 126.9 MAX GAS TEMP: 113.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 126.5 MIN GAS TEMP: 102.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000361

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

PRESS CHANGE: 007.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASE(1) (Loop:5/5) 07/01/2015 08:20:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:10	0:00:00	20.5	20.4	29.8	23.7	33.1	116.6	116.4	116.9	116.4	116.6	116.6	115.8	120.3	128.4	126.6	120.4	102.3	100.8	115.4	508.5	311.3	0.0
1:04:10	0:01:00	21.8	21.7	29.8	26.0	35.3	117.6	117.3	117.9	117.5	117.5	117.5	116.8	120.4	128.4	126.5	120.4	104.9	99.5	115.4	508.5	311.3	0.1
1:05:10	0:02:00	23.2	23.1	29.8	26.4	35.4	118.2	117.9	118.6	118.1	118.1	118.0	117.4	120.4	128.1	126.5	120.2	109.6	98.1	115.4	508.5	311.3	0.1
1:06:10	0:03:00	24.5	24.4	29.8	27.3	36.3	118.4	118.2	118.8	118.3	118.3	118.3	117.6	120.5	128.1	126.4	120.1	111.9	96.8	115.4	508.5	311.3	0.1
1:07:10	0:04:00	25.9	25.8	29.8	27.3	36.2	118.7	118.3	119.1	118.6	118.5	118.5	117.9	120.4	127.7	126.4	120.0	112.9	95.6	115.4	508.5	311.3	0.1
1:08:10	0:05:00	27.3	27.1	29.8	27.8	36.6	118.8	118.5	119.2	118.7	118.6	118.6	118.0	120.4	127.8	126.3	119.8	113.1	94.6	115.4	508.5	311.3	0.1

INITIAL N2 WASE(1) (Loop:5/5) SUMMARY 07/01/2015 08:25:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:20	0:05:10	27.5	27.3	29.8	27.8	36.6	118.8	118.5	119.2	118.7	118.7	118.6	118.1	120.1	126.3	126.3	119.8	113.1	94.4	115.4	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.7 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 126.6 MAX GAS TEMP: 113.2

END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 126.3 MIN GAS TEMP: 102.2

PRESS CHANGE: 007.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:5/5) 07/01/2015 08:25:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:20	0:00:00	27.5	27.4	29.8	27.8	36.6	118.8	118.5	119.2	118.7	118.7	118.6	118.1	120.1	126.3	126.3	119.8	113.1	94.4	115.4	508.5	311.3	0.1
1:09:20	0:01:00	26.1	26.0	29.8	26.4	35.7	117.9	117.6	118.2	117.8	117.8	117.8	117.3	120.0	126.1	126.3	119.8	111.2	96.8	115.4	508.5	311.3	0.1
1:10:20	0:02:00	24.8	24.6	29.8	25.5	34.9	117.4	117.1	117.7	117.3	117.3	117.2	116.7	119.9	125.8	126.1	119.7	108.6	98.4	115.4	508.5	311.3	0.1
1:11:20	0:03:00	23.4	23.3	29.8	24.2	33.3	117.2	116.9	117.4	117.1	117.0	117.1	116.4	120.0	125.9	126.2	119.6	106.3	99.4	115.4	508.5	311.3	0.1
1:12:20	0:04:00	22.1	21.9	29.8	23.3	32.1	117.1	116.8	117.3	117.0	116.9	116.9	116.2	119.9	125.8	126.2	119.5	104.4	100.3	115.4	508.5	311.3	0.1
1:13:20	0:05:00	20.7	20.6	29.8	22.8	31.6	116.9	116.6	117.3	116.7	116.8	116.8	116.0	119.8	125.4	126.1	119.5	102.7	101.0	115.4	508.5	311.3	0.1

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 07/01/2015 08:30:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:28	0:05:08	20.5	20.4	29.8	22.8	31.7	116.8	116.6	117.1	116.7	116.8	116.8	116.0	119.5	124.3	126.1	119.5	102.5	101.0	115.4	508.5	311.3	0.1

START PRESS: 0027.5 MAX PRESS: 0027.6 MAX TEMP: 118.7 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 126.3 MAX GAS TEMP: 113.1

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.0 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 126.1 MIN GAS TEMP: 102.5

PRESS CHANGE: 007.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.9

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.4

HUMIDIFICATION(1) 07/01/2015 08:30:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:28	0:00:00	20.5	20.4	29.8	22.8	31.7	116.8	116.6	117.1	116.7	116.8	116.8	116.0	119.5	124.3	126.1	119.5	102.5	101.0	115.4	508.5	311.3	0.1
1:14:28	0:01:00	20.7	20.6	29.8	26.0	35.6	117.4	116.9	117.8	117.4	117.0	117.3	116.6	119.4	124.0	126.1	119.4	100.9	99.8	115.4	508.5	311.3	0.1
1:15:28	0:02:00	20.9	20.8	29.8	33.7	45.7	117.6	116.9	118.2	117.8	117.1	117.6	117.0	118.0	119.8	126.0	119.4	99.6	98.2	115.3	508.5	311.3	0.1
1:16:28	0:03:00	21.1	21.0	29.8	41.8	56.4	117.9	117.1	118.5	118.1	117.3	117.9	117.3	119.2	124.3	126.0	119.2	98.3	96.9	115.3	508.5	311.3	0.1

HUMIDIFICATION(1) SUMMARY 07/01/2015 08:33:25

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000362

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:16:31	0:03:04	21.2	21.1	29.8	42.2	56.9	117.9	117.2	118.5	118.1	117.2	117.9	117.3	119.2	123.9	126.0	119.3	98.2	96.9	115.3	508.5	311.3	0.1

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.0 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 126.1 MAX GAS TEMP: 102.5
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 116.0 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 126.0 MIN GAS TEMP: 098.2
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.2

HUMIDIFICATION DWELL(1) 07/01/2015 08:33:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:16:31	0:00:00	21.2	21.1	29.8	42.2	56.9	117.9	117.2	118.5	118.1	117.2	117.9	117.3	119.2	123.9	126.0	119.3	98.2	96.9	115.3	508.5	311.3	0.1
1:18:31	0:02:00	21.2	21.1	29.8	54.0	72.4	118.1	117.2	118.8	118.3	117.5	118.3	117.7	117.1	117.9	125.9	131.8	96.1	94.6	119.3	508.5	311.3	0.1
1:20:32	0:04:00	21.2	21.1	29.8	56.7	76.3	118.0	117.1	118.7	118.2	117.3	118.1	117.5	116.2	116.5	125.8	133.4	94.4	92.8	117.3	508.5	311.3	0.1
1:22:32	0:06:00	21.2	21.1	29.8	57.2	76.9	118.0	117.2	118.6	118.2	117.3	118.1	117.5	122.8	139.6	125.7	133.2	93.0	91.2	117.5	508.5	311.3	0.0
1:24:32	0:08:00	21.2	21.1	29.8	56.2	74.7	118.5	117.9	119.0	118.6	118.1	118.6	117.9	121.9	131.7	125.7	133.1	92.0	90.1	117.8	508.5	311.3	0.0
1:26:32	0:10:00	21.2	21.1	29.8	56.2	74.5	118.6	117.9	119.1	118.7	118.0	118.6	118.0	117.1	116.6	125.6	132.8	91.1	89.1	117.8	508.5	311.3	0.1
1:28:32	0:12:00	21.2	21.1	29.8	55.3	73.8	118.3	117.6	118.9	118.5	117.7	118.3	117.7	116.6	116.5	125.5	132.6	90.3	88.3	117.8	508.5	311.3	0.0
1:30:32	0:14:01	21.2	21.1	29.8	54.9	73.7	118.1	117.3	118.6	118.3	117.5	118.0	117.5	115.9	116.1	125.4	132.5	89.6	87.7	118.0	508.5	311.3	0.0
1:32:32	0:16:01	21.2	21.1	29.8	54.0	73.0	117.8	117.0	118.4	118.0	117.2	117.8	117.3	115.6	117.4	125.4	132.3	89.0	87.1	118.0	508.5	311.3	0.0
1:34:32	0:18:01	21.2	21.1	29.8	53.5	72.5	117.8	117.0	118.3	118.0	117.3	117.8	117.2	119.6	129.6	125.2	132.1	88.5	86.6	118.1	508.5	311.3	0.1
1:36:32	0:20:01	21.2	21.1	29.8	53.1	71.7	117.8	117.1	118.4	118.0	117.3	117.8	117.2	119.5	129.5	125.1	131.9	88.1	86.2	118.2	508.5	311.3	0.0
1:38:32	0:22:01	21.2	21.1	29.8	53.1	71.8	117.8	117.1	118.3	118.0	117.3	117.8	117.2	117.1	121.9	125.1	131.8	87.8	85.8	118.2	508.5	311.3	0.1
1:40:33	0:24:01	21.2	21.1	29.8	52.2	70.3	117.9	117.2	118.5	118.1	117.4	117.9	117.3	117.0	119.5	124.9	131.6	87.4	85.5	118.2	508.5	311.3	0.0
1:42:33	0:26:01	21.2	21.1	29.8	52.2	70.4	117.9	117.2	118.4	118.0	117.3	117.8	117.2	119.2	127.0	124.8	131.4	87.1	85.3	118.3	508.5	311.3	0.0
1:44:33	0:28:01	21.2	21.1	29.8	51.7	69.6	118.0	117.4	118.5	118.1	117.5	117.9	117.3	119.7	127.7	124.7	131.1	86.8	85.1	118.3	508.5	311.3	0.0
1:46:33	0:30:01	21.2	21.1	29.8	51.7	69.7	118.0	117.3	118.5	118.1	117.5	118.0	117.3	116.9	118.3	124.7	131.1	86.6	85.1	118.3	508.5	311.3	0.0
1:48:33	0:32:02	21.2	21.1	29.8	51.7	70.0	117.8	117.1	118.3	117.9	117.3	117.8	117.2	115.9	117.1	124.6	130.9	86.4	84.9	118.3	508.5	311.3	0.1
1:50:33	0:34:02	21.2	21.1	29.8	51.3	69.3	117.8	117.2	118.3	118.0	117.4	117.8	117.2	119.8	131.1	124.4	130.8	86.3	84.8	118.3	508.5	311.3	0.0
1:52:33	0:36:02	21.2	21.1	29.8	51.3	68.4	118.3	117.8	118.8	118.3	118.1	118.3	117.6	125.1	144.0	124.4	130.6	86.1	84.8	118.5	508.5	311.3	0.0
1:54:33	0:38:02	21.2	21.1	29.8	50.8	67.4	118.5	118.2	118.9	118.6	118.3	118.4	117.8	117.7	118.2	124.3	130.4	86.0	84.7	118.6	508.5	311.3	0.0
1:56:33	0:40:02	21.2	21.1	29.8	50.4	67.1	118.4	117.8	118.8	118.5	118.0	118.3	117.8	116.8	116.7	124.3	130.3	85.9	84.7	118.6	508.5	311.3	0.0
1:58:33	0:42:02	21.3	21.1	29.8	50.5	67.8	118.1	117.5	118.6	118.2	117.7	118.1	117.5	116.1	116.2	124.1	130.1	85.7	84.6	118.5	508.5	311.3	0.0
2:00:34	0:44:02	21.3	21.1	29.8	49.5	66.8	117.9	117.2	118.4	118.0	117.5	117.9	117.3	115.4	115.7	124.1	129.9	85.6	84.7	118.5	508.5	311.3	0.0
2:02:34	0:46:02	21.3	21.1	29.8	49.0	66.2	117.8	117.2	118.3	118.0	117.5	117.8	117.3	117.3	121.9	124.0	129.8	85.5	84.6	118.5	508.5	311.3	0.0
2:04:34	0:48:02	21.3	21.1	29.8	49.0	66.2	117.9	117.2	118.4	118.0	117.4	117.8	117.2	121.3	136.0	128.6	129.6	85.5	84.6	118.5	508.5	311.3	0.0
2:06:34	0:50:02	21.3	21.2	29.8	48.6	64.7	118.4	117.9	118.8	118.4	118.1	118.3	117.7	124.4	140.8	128.7	129.4	85.4	84.6	118.6	508.5	311.3	0.0
	EMISSION SYSTEM ALARM 07/01/2015 09:23:29																						
2:06:36	0:50:04	21.3	21.2	29.8	48.5	64.7	118.4	117.9	118.8	118.4	118.1	118.3	117.7	124.2	140.1	128.7	129.4	85.4	84.6	118.6	508.5	311.3	0.0
	EMISSION SYSTEM BYPASS ALARM 07/01/2015 09:23:29																						
2:06:36	0:50:04	21.3	21.2	29.8	48.5	64.7	118.4	117.9	118.8	118.4	118.1	118.3	117.7	124.2	140.1	128.7	129.4	85.4	84.6	118.6	508.5	311.3	0.0
	ALARM SILENCED (cmappa) 07/01/2015 09:24:21																						
2:07:26	0:50:55	21.3	21.2	29.8	49.0	65.1	118.5	118.2	118.9	118.5	118.3	118.4	117.8	119.8	125.3	128.7	129.4	85.3	84.6	118.6	508.5	311.3	0.1
2:08:34	0:52:03	21.3	21.2	29.8	48.5	64.3	118.6	118.2	119.0	118.6	118.3	118.4	117.8	117.3	117.4	128.7	129.4	85.3	84.6	118.6	508.5	311.3	0.0
	EMISSION SYSTEM ALARM RESET 07/01/2015 09:26:31																						
2:09:37	0:53:05	21.3	21.2	29.8	48.6	64.7	118.4	117.9	118.8	118.5	118.1	118.3	117.8	116.9	116.6	128.5	129.3	85.3	84.6	118.6	508.5	311.3	0.0
2:10:34	0:54:03	21.3	21.2	29.8	48.5	64.8	118.3	117.8	118.8	118.4	117.9	118.2	117.7	116.6	116.6	128.6	129.1	85.2	84.6	118.6	508.5	311.3	0.1
2:12:34	0:56:03	21.3	21.2	29.8	48.5	65.1	118.1	117.5	118.6	118.2	117.7	118.0	117.5	116.0	116.2	128.6	129.0	85.3	84.7	118.6	508.5	311.3	0.0
	EMISSION SYSTEM BYPASS ALARM RESET 07/01/2015 09:30:59																						
2:14:05	0:57:34	21.3	21.2	29.8	48.5	65.4	117.9	117.3	118.4	118.1	117.5	117.9	117.3	115.6	115.7	128.5	132.4	85.2	84.6	119.4	508.5	311.3	0.1
2:14:34	0:58:03	21.3	21.2	29.8	48.6	65.6	117.9	117.2	118.4	118.0	117.5	117.8	117.3	115.4	115.6	128.5	132.6	85.2	84.7	119.2	508.5	311.3	0.0
	HUMIDIFICATION DWELL(1) SUMMARY 07/01/2015 09:33:26																						
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:16:31	1:00:00	21.3	21.2	29.8	48.1	65.1	117.8	117.1	118.3	117.9	117.3	117.7	117.2	119.1	128.4	128.3	132.6	85.2	84.7	119.1	508.5	311.3	0.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000363

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.7 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 098.2
END PRESS: 0021.3 MIN PRESS: 0021.2 MIN TEMP: 117.1 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 123.9 MIN GAS TEMP: 085.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 133.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.2

INITIAL EVACUATION(3) 07/01/2015 09:33:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:16:31	0:00:00	21.3	21.2	29.8	48.1	65.1	117.8	117.1	118.3	117.9	117.3	117.7	117.2	119.1	128.4	128.3	132.6	85.2	84.7	119.1	508.5	311.3	0.0

INITIAL EVACUATION(3) SUMMARY 07/01/2015 09:34:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:07	0:00:36	20.5	20.4	29.8	47.2	64.3	117.5	116.9	117.9	117.6	117.0	117.4	116.8	118.1	126.9	128.3	132.5	85.1	88.6	119.1	508.5	311.3	0.0

START PRESS: 0021.3 MAX PRESS: 0021.3 MAX TEMP: 117.8 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.3 MAX GAS TEMP: 085.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.5 DRM2 END: 311.3 MIN PRE TEMP: 128.3 MIN GAS TEMP: 085.1
PRESS CHANGE: 000.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 132.5

STERILANT INJECTION(1) 07/01/2015 09:34:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:07	0:00:00	20.5	20.4	29.8	47.2	64.3	117.5	116.9	117.9	117.6	117.0	117.4	116.8	118.1	126.9	128.3	132.5	85.1	88.6	119.1	508.5	311.3	0.0
2:18:08	0:01:00	21.2	21.1	29.8	47.2	64.0	117.7	117.1	118.3	117.8	117.3	117.7	117.1	118.6	127.9	127.1	132.0	110.7	88.7	119.1	508.5	298.9	0.1
2:19:08	0:02:00	21.9	21.8	29.8	50.3	67.8	118.0	117.3	118.6	118.1	117.6	118.0	117.3	118.1	123.6	126.8	130.8	120.0	88.1	118.9	508.5	297.0	39.0
2:20:08	0:03:00	22.6	22.5	29.8	52.6	70.6	118.1	117.4	118.6	118.2	117.6	118.1	117.5	116.8	119.1	125.8	129.6	117.4	87.7	118.9	508.5	297.0	92.9
	EMISSION SYSTEM BYPASS ALARM						07/01/2015 09:37:39																
2:20:44	0:03:37	23.0	22.9	29.8	54.0	72.4	118.1	117.4	118.6	118.2	117.6	118.1	117.4	116.4	117.8	125.4	128.9	116.7	87.4	118.8	508.5	297.0	124.4
	EMISSION SYSTEM ALARM						07/01/2015 09:37:39																
2:20:44	0:03:37	23.0	22.9	29.8	54.0	72.4	118.1	117.4	118.6	118.2	117.6	118.1	117.4	116.4	117.8	125.4	128.9	116.7	87.4	118.8	508.5	297.0	124.4
2:21:08	0:04:00	23.2	23.1	29.8	55.3	74.4	118.0	117.3	118.6	118.1	117.6	118.1	117.4	116.1	117.2	125.2	129.1	117.1	87.4	119.9	508.5	297.1	145.4
	ALARM SILENCED (ksim)						07/01/2015 09:38:27																
2:21:32	0:04:25	23.5	23.4	29.8	55.8	74.9	118.0	117.3	118.6	118.2	117.5	118.0	117.3	115.9	116.8	125.0	131.5	120.5	87.2	121.3	508.5	297.1	169.4
2:22:08	0:05:00	24.0	23.9	29.8	57.1	77.0	117.9	117.2	118.5	118.0	117.5	118.0	117.3	115.6	116.3	124.5	132.0	123.3	87.0	119.6	508.5	297.1	200.9
2:23:08	0:06:00	24.6	24.5	29.8	59.4	79.9	118.0	117.3	118.6	118.1	117.5	118.0	117.3	119.7	129.6	124.3	131.1	121.9	86.8	119.3	508.5	297.1	256.4
2:24:08	0:07:01	25.3	25.2	29.8	61.2	82.3	118.0	117.3	118.6	118.1	117.5	118.0	117.4	117.1	121.1	124.2	129.9	115.8	86.6	119.2	508.5	297.0	310.5
2:25:08	0:08:01	26.0	25.9	29.8	62.5	84.1	118.0	117.3	118.6	118.1	117.5	118.0	117.3	116.2	117.9	123.8	129.0	116.3	86.4	119.1	508.5	295.4	366.0
2:26:08	0:09:01	26.7	26.5	29.8	64.3	86.5	118.0	117.3	118.6	118.1	117.5	118.0	117.3	115.6	116.5	127.3	131.7	118.8	86.3	120.6	508.5	293.3	421.5
2:27:08	0:10:01	27.3	27.2	29.8	65.7	88.5	118.0	117.3	118.5	118.1	117.5	117.9	117.3	118.1	126.8	126.6	131.7	120.8	86.2	119.6	508.5	290.4	474.1
2:28:08	0:11:01	28.0	27.9	29.8	66.6	89.3	118.1	117.5	118.6	118.2	117.7	118.0	117.4	118.8	126.8	125.5	130.6	121.5	86.1	119.4	508.5	287.7	529.7

STERILANT INJECTION(1) SUMMARY 07/01/2015 09:45:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:28:11	0:11:04	28.0	27.9	29.8	67.1	90.0	118.1	117.5	118.6	118.2	117.7	118.0	117.5	118.6	126.3	125.4	130.6	121.6	86.0	119.4	508.5	287.7	531.2

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.2 DRM1 START: 508.5 DRM2 START: 311.3 MAX PRE TEMP: 128.3 MAX GAS TEMP: 123.3
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 123.7 MIN GAS TEMP: 110.7
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 023.6 MAX VAP TEMP: 132.6
EO USED PHASE: 023.6 EO USED CYCLE:023.6 MIN VAP TEMP: 128.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000364

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

N2 BLANKET(1) 07/01/2015 09:45:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:28:12	0:00:00	28.0	27.9	29.8	67.1	90.0	118.1	117.5	118.6	118.2	117.7	118.0	117.5	118.6	126.3	125.4	130.6	121.6	86.0	119.4	508.5	287.7	531.2
2:29:12	0:01:00	28.7	28.6	29.8	67.9	91.0	118.2	117.6	118.6	118.3	117.8	118.1	117.5	116.2	118.4	124.4	129.9	120.6	86.0	119.4	508.5	287.7	580.7

N2 BLANKET(1) SUMMARY 07/01/2015 09:46:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:42	0:01:31	29.0	28.9	29.8	68.4	91.7	118.1	117.5	118.6	118.3	117.8	118.1	117.5	115.8	117.0	124.1	129.6	120.1	85.9	119.3	508.5	287.7	597.3

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.1 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 125.4 MAX GAS TEMP: 121.6
END PRESS: 0028.0 MIN PRESS: 0028.0 MIN TEMP: 117.4 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 124.1 MIN GAS TEMP: 120.1
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 130.6
EO USED PHASE: 000.1 EO USED CYCLE:023.6 MIN VAP TEMP: 129.6

EXPOSURE(1) 07/01/2015 09:46:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:42	0:00:00	29.0	28.9	29.8	68.4	91.7	118.1	117.5	118.6	118.3	117.8	118.1	117.5	115.8	117.0	124.1	129.6	120.1	85.9	119.3	508.5	287.7	597.3
CYCLE PAUSED (ksim) 07/01/2015 09:46:37																							
2:29:42	0:00:00	29.0	28.9	29.8	68.4	91.7	118.1	117.5	118.6	118.3	117.8	118.1	117.5	115.8	117.0	124.1	129.6	120.1	85.9	119.3	508.5	287.7	597.3
2:30:42	0:00:00	29.0	28.9	29.8	67.9	91.7	117.9	117.3	118.4	118.0	117.5	117.8	117.3	115.4	116.0	125.0	129.6	117.9	85.8	119.2	508.5	287.7	600.2
2:31:42	0:00:00	28.9	28.8	29.8	67.5	91.3	117.8	117.2	118.3	117.9	117.5	117.8	117.2	119.7	130.3	128.3	129.6	115.4	85.7	119.3	508.5	287.6	594.3
CYCLE RESUMED (ksim) 07/01/2015 09:48:39																							
2:31:44	0:00:00	28.9	28.8	29.8	67.5	91.2	117.8	117.2	118.3	118.0	117.5	117.8	117.2	119.7	130.0	128.3	129.6	115.3	85.7	119.3	508.5	287.7	594.3
CYCLE PAUSED (ksim) 07/01/2015 09:48:39																							
2:31:44	0:00:00	28.9	28.8	29.8	67.5	91.2	117.8	117.2	118.3	118.0	117.5	117.8	117.2	119.7	130.0	128.3	129.6	115.3	85.7	119.3	508.5	287.7	594.3
CYCLE RESUMED (ksim) 07/01/2015 09:49:18																							
2:32:24	0:00:00	28.9	28.8	29.8	66.6	89.8	117.9	117.3	118.4	118.0	117.5	117.8	117.2	117.7	123.5	128.3	129.6	113.8	85.6	119.2	508.5	287.6	588.3
CYCLE PAUSED (ksim) 07/01/2015 09:49:18																							
2:32:24	0:00:00	28.9	28.8	29.8	66.6	89.8	117.9	117.3	118.4	118.0	117.5	117.8	117.2	117.7	123.5	128.3	129.6	113.8	85.6	119.2	508.5	287.6	588.3
2:33:43	0:00:00	28.8	28.7	29.8	66.1	89.1	117.9	117.4	118.4	118.0	117.6	117.8	117.3	118.7	128.6	128.2	129.6	113.1	85.7	119.3	508.5	287.6	585.2
2:34:43	0:00:00	28.8	28.7	29.8	66.1	89.1	117.9	117.4	118.4	118.0	117.6	117.9	117.3	117.9	123.5	127.8	129.4	111.0	85.5	119.2	508.5	287.6	576.2
2:35:43	0:00:00	28.8	28.7	29.8	66.1	88.8	118.1	117.6	118.5	118.2	117.8	118.0	117.5	118.8	127.9	127.6	129.4	109.3	85.4	119.2	508.5	287.7	568.7
2:36:43	0:00:00	28.8	28.6	29.8	66.1	88.2	118.3	117.9	118.8	118.3	118.1	118.2	117.6	123.0	140.1	127.6	129.3	107.5	85.4	119.3	508.5	287.7	559.6
2:37:43	0:00:00	28.7	28.6	29.8	66.1	88.2	118.3	117.9	118.7	118.4	118.1	118.1	117.6	119.9	127.7	127.3	129.1	106.0	85.4	119.3	508.5	287.7	552.1
2:38:43	0:00:00	28.7	28.6	29.8	65.7	87.6	118.3	117.8	118.8	118.4	118.0	118.1	117.6	117.1	118.3	127.3	129.1	104.8	85.3	119.2	508.5	287.7	546.1
2:39:43	0:00:00	28.6	28.5	29.8	65.7	88.0	118.2	117.6	118.6	118.3	117.9	118.1	117.5	116.5	116.7	127.1	129.1	103.5	85.3	119.2	508.5	287.6	538.7
2:40:43	0:00:00	28.6	28.5	29.8	66.1	88.8	118.1	117.6	118.5	118.2	117.8	118.0	117.4	116.2	116.4	127.1	132.5	102.3	85.3	119.9	508.5	287.7	531.1
2:41:43	0:00:00	28.6	28.5	29.8	65.7	88.2	118.1	117.5	118.6	118.1	117.7	117.9	117.3	115.9	116.1	127.1	132.8	101.4	85.3	119.8	508.5	287.7	526.6
2:42:44	0:00:00	28.6	28.5	29.8	65.7	88.7	117.9	117.3	118.3	118.0	117.6	117.8	117.3	115.6	115.8	127.0	132.8	100.6	85.3	119.8	508.5	287.7	520.6
2:43:44	0:00:00	28.5	28.4	29.8	65.7	88.4	118.0	117.5	118.4	118.1	117.7	117.9	117.3	118.3	127.4	127.0	132.7	99.7	85.3	119.8	508.5	287.7	514.6
2:44:44	0:00:00	28.5	28.4	29.8	65.2	87.8	118.0	117.5	118.4	118.0	117.7	117.9	117.3	118.0	124.1	126.9	132.6	98.9	85.2	119.8	508.5	287.7	510.1
2:45:44	0:00:00	28.5	28.4	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.3	116.5	118.8	126.8	132.5	98.2	85.2	119.8	508.5	287.7	505.5
EXPOSURE LOW PRESSURE WARNING 07/01/2015 10:03:05																							
2:46:11	0:00:00	28.5	28.4	29.8	65.2	87.8	118.0	117.5	118.4	118.0	117.6	117.8	117.3	116.9	122.5	126.7	132.4	97.6	85.2	119.8	508.5	287.7	498.1
2:46:44	0:00:00	28.5	28.4	29.8	65.2	87.7	118.0	117.5	118.5	118.1	117.7	117.9	117.3	119.7	131.4	126.7	132.4	97.3	85.2	119.8	508.5	287.7	496.5
2:47:44	0:00:00	28.5	28.4	29.8	65.2	87.2	118.3	117.8	118.7	118.3	118.0	118.0	117.5	121.9	138.0	126.6	132.4	97.0	85.2	119.8	508.5	287.6	495.7
2:48:44	0:00:00	28.5	28.3	29.8	65.7	87.8	118.3	117.8	118.7	118.3	118.1	118.2	117.6	120.2	129.7	126.5	132.3	96.5	85.3	119.8	508.5	287.7	490.6
ALARM SILENCED (ksim) 07/01/2015 10:06:38																							
2:49:43	0:00:00	28.4	28.3	29.8	65.2	87.3	118.2	117.7	118.6	118.3	117.9	118.1	117.5	116.3	116.8	126.4	132.2	96.0	85.2	119.8	508.5	287.7	486.1
2:49:44	0:00:00	28.4	28.3	29.8	65.2	87.2	118.3	117.8	118.7	118.3	117.9	118.1	117.5	116.3	116.8	126.4	132.1	95.5	85.3	119.8	508.5	287.7	483.0
EMISSION SYSTEM OFF ALARM 07/01/2015 10:07:38																							
2:49:44	0:00:00	28.4	28.3	29.8	65.2	87.2	118.3	117.8	118.7	118.3	117.9	118.1	117.5	116.3	116.8	126.4	132.1	95.5	85.3	119.8	508.5	287.7	483.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000365

2:50:44	0:00:00	28.4	28.3	29.8	65.2	87.4	118.1	117.6	118.6	118.2	117.8	118.0	117.4	115.9	116.2	126.3	131.9	95.0	85.2	119.8	508.5	287.7	480.0
2:50:44	0:00:00	28.4	28.3	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.4	116.0	116.2	126.3	132.0	95.0	85.2	119.8	508.5	287.7	480.0
	ALARM SILENCED (ksim) 07/01/2015 10:07:58																						
2:51:03	0:00:00	28.4	28.3	29.8	65.2	87.4	118.1	117.6	118.6	118.2	117.8	118.0	117.5	115.9	116.1	126.3	131.9	94.9	85.3	119.8	508.5	287.7	478.5
	EXPOSURE LOW PRESSURE ALARM 07/01/2015 10:08:16																						
2:51:22	0:00:00	28.4	28.3	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.4	115.8	116.0	126.3	132.0	94.8	85.3	119.8	508.5	287.7	477.1
2:51:44	0:00:00	28.4	28.3	29.8	65.2	87.7	118.0	117.5	118.5	118.1	117.7	118.0	117.4	115.6	115.9	126.3	131.9	94.6	85.3	119.8	508.5	287.7	475.5
	ALARM SILENCED (Rblake) 07/01/2015 10:08:56																						
2:52:02	0:00:00	28.4	28.3	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.7	117.9	117.3	115.6	115.8	126.2	131.9	94.5	85.3	119.8	508.5	287.7	474.0
	CYCLE RESUMED (Rblake) 07/01/2015 10:09:21																						
2:52:26	0:00:00	28.4	28.3	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	115.4	115.7	126.2	131.9	94.4	85.2	119.8	508.5	287.7	472.6
	BEGIN GAS ADDITION (1) (Rblake) 07/01/2015 10:09:21																						
2:52:26	0:00:00	28.4	28.3	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	115.4	115.7	126.2	131.9	94.4	85.2	119.8	508.5	287.7	472.6
	CYCLE PAUSED (Rblake) 07/01/2015 10:09:21																						
2:52:26	0:00:00	28.4	28.3	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	115.4	115.7	126.2	131.9	94.4	85.2	119.8	508.5	287.7	472.6
	END GAS ADDITION (1) (Rblake) 07/01/2015 10:09:21																						
2:52:26	0:00:00	28.4	28.3	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	115.4	115.7	126.2	131.9	94.4	85.2	119.8	508.5	287.7	472.6
2:52:45	0:00:00	28.4	28.3	29.8	65.2	87.8	118.0	117.4	118.5	118.0	117.6	117.9	117.2	115.3	115.6	126.1	131.9	94.3	85.3	119.8	508.5	287.7	472.5
	CYCLE RESUMED (Rblake) 07/01/2015 10:09:58																						
2:53:04	0:00:00	28.4	28.3	29.8	65.2	88.2	117.8	117.3	118.3	117.9	117.6	117.8	117.3	115.2	116.0	126.2	131.8	94.1	85.3	119.8	508.5	287.7	471.1
	BEGIN GAS ADDITION (2) (Rblake) 07/01/2015 10:09:58																						
2:53:04	0:00:00	28.4	28.3	29.8	65.2	88.2	117.8	117.3	118.3	117.9	117.6	117.8	117.3	115.2	116.0	126.2	131.8	94.1	85.3	119.8	508.5	287.7	471.1
	CYCLE PAUSED (Rblake) 07/01/2015 10:09:58																						
2:53:04	0:00:00	28.4	28.3	29.8	65.2	88.2	117.8	117.3	118.3	117.9	117.6	117.8	117.3	115.2	116.0	126.2	131.8	94.1	85.3	119.8	508.5	287.7	471.0
	END GAS ADDITION (2) (Rblake) 07/01/2015 10:09:58																						
2:53:04	0:00:00	28.4	28.3	29.8	65.2	88.2	117.8	117.3	118.3	117.9	117.6	117.8	117.3	115.2	116.0	126.2	131.8	94.1	85.3	119.8	508.5	287.7	471.0
2:53:45	0:00:00	28.4	28.3	29.8	65.2	88.1	117.9	117.3	118.3	118.0	117.6	117.8	117.2	119.3	130.4	126.1	131.8	93.9	85.3	119.8	508.5	287.7	469.6
	EMISSION SYSTEM ALARM RESET 07/01/2015 10:10:43																						
2:53:49	0:00:00	28.4	28.3	29.8	65.2	88.0	117.9	117.4	118.3	118.0	117.6	117.8	117.2	119.6	130.9	126.1	131.8	93.9	85.2	119.8	508.5	287.7	469.5
	EMISSION SYSTEM OFF ALARM RESET 07/01/2015 10:11:06																						
2:54:12	0:00:00	28.4	28.2	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.6	117.8	117.3	119.1	127.9	126.0	131.7	93.8	85.3	119.8	508.5	287.7	468.0
2:54:45	0:00:00	28.3	28.2	29.8	65.2	87.9	117.9	117.4	118.4	118.0	117.7	117.9	117.3	117.7	124.9	125.9	131.7	93.6	85.2	119.8	508.5	287.7	466.5
2:55:45	0:00:00	28.3	28.2	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.3	122.3	138.7	125.9	131.6	93.3	85.2	119.8	508.5	287.7	463.5
2:56:45	0:00:00	28.3	28.2	29.8	65.2	87.2	118.3	117.8	118.7	118.3	118.1	118.1	117.5	118.9	125.7	125.8	131.6	93.0	85.2	119.8	508.5	287.6	460.6
2:57:45	0:00:00	28.3	28.2	29.8	65.2	87.2	118.2	117.8	118.6	118.3	118.1	118.2	117.6	116.6	117.9	125.8	131.5	92.7	85.3	119.8	508.5	287.7	457.5
2:58:45	0:00:00	28.3	28.1	29.8	65.2	87.4	118.2	117.7	118.6	118.2	117.9	118.0	117.5	116.2	116.6	125.6	131.4	92.5	85.3	119.8	508.5	287.7	454.5
2:59:45	0:00:00	28.3	28.1	29.8	64.8	86.9	118.1	117.6	118.6	118.1	117.8	117.9	117.4	115.9	116.1	125.6	131.3	92.3	85.3	119.8	508.5	287.7	451.5
3:00:45	0:00:00	28.3	28.1	29.8	64.8	87.1	118.0	117.5	118.5	118.1	117.6	117.9	117.3	115.6	115.8	125.5	131.1	92.0	85.3	119.8	508.5	287.7	450.0
3:01:45	0:00:00	28.3	28.1	29.8	64.8	87.3	117.9	117.4	118.4	118.0	117.6	117.8	117.2	118.1	126.8	125.5	131.1	91.8	85.3	119.8	508.5	287.7	447.0
3:02:45	0:00:00	28.2	28.1	29.8	64.8	87.1	118.0	117.5	118.5	118.1	117.8	117.9	117.3	119.4	128.6	125.4	131.1	91.6	85.3	119.8	508.5	287.7	445.5
3:03:46	0:00:00	28.2	28.1	29.8	64.3	86.4	118.1	117.6	118.5	118.1	117.7	117.9	117.3	117.2	120.8	125.3	131.0	91.4	85.3	119.8	508.5	287.7	442.5
	EMISSION SYSTEM BYPASS ALARM RESET 07/01/2015 10:21:38																						
3:04:44	0:00:00	28.2	28.1	29.8	64.3	86.5	118.0	117.5	118.5	118.1	117.8	117.9	117.3	116.3	117.9	125.2	130.9	91.2	85.3	119.8	508.5	287.7	441.0
3:04:45	0:00:00	28.2	28.1	29.8	64.3	86.6	118.0	117.5	118.5	118.0	117.7	117.9	117.3	116.3	117.8	125.2	130.9	91.2	85.3	119.8	508.5	287.6	441.0
3:05:46	0:00:00	28.2	28.0	29.8	64.3	86.6	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.8	116.6	125.2	130.8	91.0	85.3	119.8	508.5	287.7	439.5
	CYCLE RESUMED (ksim) 07/01/2015 10:22:57																						
3:06:02	0:00:00	28.2	28.0	29.8	64.3	86.8	117.9	117.4	118.4	117.9	117.6	117.8	117.2	115.8	116.4	125.1	130.8	91.0	85.3	119.8	508.5	287.6	438.0
	BEGIN GAS ADDITION (3) (ksim) 07/01/2015 10:22:57																						
3:06:02	0:00:00	28.2	28.0	29.8	64.3	86.8	117.9	117.4	118.4	117.9	117.6	117.8	117.2	115.8	116.4	125.1	130.8	91.0	85.3	119.8	508.5	287.6	438.0
	END GAS ADDITION (3) (ksim) 07/01/2015 10:23:30																						
3:06:35	0:00:33	29.0	28.9	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.4	118.4	127.4	125.1	130.6	96.4	85.3	119.8	508.5	287.7	444.0
	EXPOSURE LOW PRESSURE ALARM RESET 07/01/2015 10:23:30																						
3:06:35	0:00:33	29.0	28.9	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.4	118.4	127.4	125.1	130.6	96.4	85.3	119.8	508.5	287.7	444.0
	EXPOSURE LOW PRESSURE WARNING RESET 07/01/2015 10:23:30																						
3:06:35	0:00:33	29.0	28.9	29.8	65.2	87.5	118.1	117.6	118.6	118.2	117.8	118.0	117.4	118.4	127.4	125.1	130.6	96.4	85.3	119.8	508.5	287.7	444.0
3:06:45	0:00:44	29.0	28.9	29.8	65.2	87.3	118.2	117.6	118.7	118.3	117.9	118.1	117.5	119.3	129.7	125.1	130.6	99.3	85.4	119.8	508.5	287.7	447.0
	CYCLE PAUSED (ksim) 07/01/2015 10:24:28																						
3:07:33	0:01:31	29.0	28.9	29.8	65.2	87.4	118.1	117.6	118.6	118.2	117.8	118.0	117.5	116.9	121.1	125.0	130.6	100.1	85.4	119.8	508.5	287.6	442.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000366

	EMISSION SYSTEM ALARM 07/01/2015 10:24:28																							
3:07:33	0:01:31	29.0	28.9	29.8	65.2	87.4	118.1	117.6	118.6	118.2	117.8	118.0	117.5	116.9	121.1	125.0	130.6	100.1	85.4	119.8	508.5	287.6	442.5	
	EMISSION SYSTEM BYPASS ALARM 07/01/2015 10:24:28																							
3:07:33	0:01:31	29.0	28.9	29.8	65.2	87.4	118.1	117.6	118.6	118.2	117.8	118.0	117.5	116.9	121.1	125.0	130.6	100.1	85.4	119.8	508.5	287.7	442.5	
3:07:46	0:01:31	29.0	28.9	29.8	65.2	87.6	118.1	117.6	118.5	118.1	117.8	117.9	117.3	116.4	119.5	124.9	130.6	99.9	85.3	119.8	508.5	287.7	441.1	
	EMISSION SYSTEM ALARM RESET 07/01/2015 10:25:08																							
3:08:13	0:01:31	29.0	28.8	29.8	64.8	87.1	118.0	117.5	118.5	118.1	117.7	117.9	117.3	115.9	117.6	125.0	130.6	99.4	85.4	119.8	508.5	287.6	436.5	
	ALARM SILENCED (ksim) 07/01/2015 10:25:10																							
3:08:15	0:01:31	29.0	28.8	29.8	64.8	87.1	118.0	117.5	118.5	118.1	117.7	117.9	117.3	115.9	117.5	125.0	130.6	99.4	85.4	119.8	508.5	287.7	436.5	
3:08:46	0:01:31	29.0	28.8	29.8	64.3	86.5	118.0	117.5	118.5	118.0	117.6	117.9	117.3	115.6	116.4	124.9	130.4	98.7	85.3	119.7	508.5	287.7	433.5	
3:09:46	0:01:31	29.0	28.8	29.8	63.9	86.3	117.8	117.3	118.3	117.9	117.6	117.8	117.2	119.1	129.7	124.9	130.4	97.6	85.4	119.8	508.5	287.6	427.5	
	EMISSION SYSTEM BYPASS ALARM RESET 07/01/2015 10:27:12																							
3:10:18	0:01:31	29.0	28.8	29.8	63.9	86.1	117.9	117.4	118.4	117.9	117.7	117.9	117.3	119.0	127.5	124.9	130.4	97.0	85.3	119.7	508.5	287.7	427.5	
3:10:46	0:01:31	29.0	28.8	29.8	63.9	86.3	117.9	117.4	118.3	117.9	117.7	117.8	117.3	117.6	123.7	124.8	130.4	96.6	85.3	119.7	508.5	287.7	424.5	
	CYCLE RESUMED (ksim) 07/01/2015 10:28:07																							
3:11:13	0:01:31	29.0	28.8	29.8	63.9	86.1	117.9	117.4	118.4	118.0	117.7	117.9	117.3	119.7	131.4	124.8	130.4	96.2	85.3	119.7	508.5	287.7	423.0	
3:11:46	0:02:05	29.0	28.8	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.8	117.9	117.3	120.8	132.7	124.8	130.3	95.7	85.3	119.7	508.5	287.7	423.0	
3:12:47	0:03:05	29.0	28.8	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.9	118.0	117.4	117.9	122.5	124.7	130.1	94.8	85.3	119.7	508.5	287.7	420.0	
3:13:47	0:04:05	29.0	28.8	29.8	63.4	85.1	118.1	117.6	118.5	118.2	117.8	117.9	117.4	116.8	118.8	124.5	130.1	94.2	85.3	119.7	508.5	287.7	418.5	
3:14:47	0:05:05	28.9	28.8	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.8	117.9	117.4	116.2	117.2	124.5	130.1	93.6	85.3	119.7	508.5	287.7	415.5	
3:15:47	0:06:05	28.9	28.8	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.8	116.4	124.5	129.9	93.0	85.3	119.7	508.5	287.7	414.0	
3:16:47	0:07:05	28.9	28.8	29.8	63.4	85.6	117.9	117.4	118.3	118.0	117.6	117.8	117.2	115.6	117.8	124.4	129.9	92.5	85.3	119.7	508.5	287.7	411.1	
3:17:47	0:08:05	28.9	28.8	29.8	63.5	85.6	117.9	117.4	118.4	117.9	117.6	117.8	117.2	119.2	128.1	124.3	129.9	92.1	85.2	119.6	508.5	287.7	411.0	
3:18:47	0:09:05	28.9	28.8	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.8	117.2	119.0	129.3	124.1	129.8	91.7	85.2	119.4	508.5	287.7	411.0	
3:19:47	0:10:06	28.9	28.8	29.8	63.9	85.7	118.1	117.7	118.5	118.1	117.9	118.0	117.4	122.9	140.5	124.1	129.6	91.3	85.2	119.6	508.5	287.6	409.5	
3:20:47	0:11:06	28.9	28.8	29.8	63.4	84.5	118.4	118.0	118.8	118.3	118.3	118.2	117.6	120.0	128.4	124.1	129.6	91.0	85.2	119.6	508.5	287.7	406.5	
3:21:47	0:12:06	28.9	28.7	29.8	63.4	84.4	118.4	118.0	118.8	118.4	118.1	118.3	117.6	117.1	118.6	124.0	129.6	90.7	85.1	119.6	508.5	287.7	405.0	
3:22:48	0:13:06	28.9	28.7	29.8	63.4	84.7	118.3	117.9	118.7	118.3	118.1	118.1	117.6	116.5	116.7	123.9	129.4	90.4	85.1	119.4	508.5	287.7	405.0	
3:23:48	0:14:06	28.9	28.7	29.8	63.4	84.9	118.2	117.7	118.6	118.2	117.9	118.1	117.5	116.1	116.3	128.4	129.3	90.1	85.1	119.4	508.5	287.7	405.0	
3:24:48	0:15:06	28.9	28.7	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.9	118.0	117.5	115.8	116.0	128.1	129.3	89.9	85.2	119.4	508.5	287.7	403.5	
3:25:48	0:16:06	28.9	28.7	29.8	63.4	85.3	118.0	117.5	118.5	118.1	117.7	117.9	117.3	115.6	115.7	128.0	129.1	89.7	85.0	119.4	508.5	287.7	402.0	
	CYCLE PAUSED (ksim) 07/01/2015 10:42:51																							
3:25:57	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.4	115.4	115.6	128.1	129.1	89.7	85.1	119.4	508.5	287.7	402.0	
	EMISSION SYSTEM BYPASS ALARM 07/01/2015 10:42:51																							
3:25:57	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.4	115.4	115.6	128.1	129.1	89.7	85.1	119.4	508.5	287.7	402.0	
	EMISSION SYSTEM ALARM 07/01/2015 10:42:51																							
3:25:57	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.4	115.4	115.6	128.1	129.1	89.7	85.1	119.4	508.5	287.7	402.0	
	EMISSION SYSTEM ALARM RESET 07/01/2015 10:43:01																							
3:26:07	0:16:15	28.9	28.7	29.8	63.4	85.3	118.0	117.5	118.4	118.1	117.6	117.9	117.3	115.3	115.6	128.0	129.1	89.7	85.1	119.4	508.5	287.7	402.0	
	EMISSION SYSTEM OFF ALARM 07/01/2015 10:43:06																							
3:26:12	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.3	115.6	128.0	129.1	89.7	85.1	119.4	508.5	287.6	402.0	
	EMISSION SYSTEM OFF ALARM RESET 07/01/2015 10:43:23																							
3:26:29	0:16:15	28.9	28.7	29.8	63.0	84.9	117.9	117.4	118.4	118.0	117.7	117.8	117.3	115.3	115.5	128.0	129.1	89.6	85.1	119.4	508.5	287.7	400.5	
3:26:48	0:16:15	28.9	28.7	29.8	63.0	84.9	117.9	117.4	118.4	118.0	117.6	117.8	117.3	115.3	117.2	128.1	129.0	89.5	85.1	119.4	508.5	287.7	400.5	
3:27:48	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.6	117.8	117.2	119.3	128.6	128.0	129.0	89.4	85.1	119.4	508.5	287.7	399.0	
	EMISSION SYSTEM BYPASS ALARM RESET 07/01/2015 10:44:46																							
3:27:52	0:16:15	28.9	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.6	117.8	117.2	119.1	127.9	128.0	129.0	89.4	85.0	119.4	508.5	287.7	399.0	
3:28:48	0:16:15	28.8	28.7	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.7	117.8	117.3	116.8	120.4	127.9	130.9	89.1	85.1	121.3	508.5	287.7	399.0	
3:29:48	0:16:15	28.8	28.7	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.3	119.1	129.5	128.1	132.7	89.0	85.1	119.9	508.5	287.7	397.5	
3:30:48	0:16:15	28.8	28.7	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.9	118.0	117.4	118.3	124.6	127.8	132.8	88.9	85.1	119.8	508.5	287.7	397.5	
3:31:49	0:16:15	28.8	28.7	29.8	63.0	84.6	118.1	117.6	118.5	118.1	117.8	117.9	117.3	116.8	119.3	127.8	132.8	88.8	85.1	119.8	508.5	287.7	396.0	
3:32:49	0:16:15	28.8	28.7	29.8	63.4	85.3	118.0	117.6	118.5	118.0	117.7	117.9	117.3	116.1	117.2	127.8	132.7	88.7	85.0	119.8	508.5	287.7	396.0	
3:33:49	0:16:15	28.8	28.7	29.8	63.4	85.5	117.9	117.4	118.4	117.9	117.6	117.9	117.3	115.8	116.3	127.7	132.6	88.6	85.1	119.8	508.5	287.7	392.9	
	ALARM SILENCED (ksim) 07/01/2015 10:51:11																							
3:34:17	0:16:15	28.8	28.7	29.8	63.0	84.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	118.0	126.1	127.7	132.5	88.5	85.1	119.8	508.5	287.7	393.0	
3:34:49	0:16:15	28.8	28.7	29.8	63.0	84.8	118.0	117.5	118.4	118.0	117.7	117.9	117.3	120.7	134.1	127.6	132.4	88.4	85.1	119.8	508.5	287.6	391.5	
3:35:49	0:16:15	28.8	28.7	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.8	118.0	117.3	118.3	124.4	127.7	132.5	88.4	85.1	119.8	508.5	287.7	391.5	
	CYCLE RESUMED (ksim) 07/01/2015 10:53:30																							

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000367

3:36:36	0:16:15	28.8	28.6	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.9	118.0	117.4	117.0	120.0	127.7	132.3	88.2	85.1	119.8	508.5	287.7	391.4
3:36:49	0:16:28	28.8	28.6	29.8	63.0	84.6	118.1	117.6	118.5	118.1	117.9	118.0	117.4	116.8	119.2	127.6	132.3	88.2	85.1	119.8	508.5	287.6	391.5
3:37:49	0:17:28	28.8	28.6	29.8	63.4	85.3	118.0	117.5	118.5	118.0	117.7	117.9	117.3	116.1	117.2	127.5	132.2	88.1	85.1	119.8	508.5	287.7	391.4
3:38:49	0:18:29	28.8	28.6	29.8	63.4	85.4	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.8	116.4	127.4	132.2	88.0	85.1	119.8	508.4	287.6	390.0
3:39:49	0:19:29	28.8	28.6	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.6	117.9	117.3	119.4	130.4	127.3	132.1	87.9	85.0	119.8	508.4	287.7	388.5
3:40:49	0:20:29	28.8	28.6	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.9	118.0	117.4	122.8	140.2	127.4	132.0	87.8	85.1	119.8	508.4	287.7	387.0
3:41:50	0:21:29	28.8	28.6	29.8	63.0	84.0	118.3	117.9	118.7	118.3	118.0	118.1	117.5	118.5	124.2	127.3	132.0	87.8	85.0	119.8	508.4	287.7	385.4
3:42:50	0:22:29	28.8	28.6	29.8	63.0	84.3	118.2	117.8	118.6	118.2	118.0	118.1	117.5	116.5	117.6	127.2	131.8	87.7	85.1	119.8	508.4	287.7	385.5
3:43:50	0:23:29	28.8	28.6	29.8	62.5	83.7	118.2	117.8	118.6	118.2	117.9	118.1	117.5	116.1	116.5	127.2	131.7	87.7	85.1	119.8	508.4	287.7	385.5
3:44:50	0:24:29	28.8	28.6	29.8	63.4	85.2	118.1	117.6	118.5	118.1	117.8	118.0	117.4	115.8	116.0	127.2	131.6	87.6	85.1	119.8	508.4	287.7	385.5
3:45:50	0:25:29	28.8	28.6	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	115.7	127.1	131.6	87.5	85.0	119.8	508.5	287.7	384.0
3:46:50	0:26:29	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.4	117.9	117.6	117.9	117.3	115.2	115.4	127.1	131.5	87.4	85.1	119.8	508.5	287.7	382.5
3:47:50	0:27:29	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.4	118.0	117.6	117.8	117.2	119.7	130.5	126.9	131.5	87.4	85.2	119.8	508.5	287.7	382.5
3:48:50	0:28:29	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.6	117.8	117.2	117.0	121.2	126.9	131.3	87.3	85.1	119.8	508.5	287.7	381.0
3:49:50	0:29:30	28.7	28.6	29.8	62.5	84.3	117.9	117.4	118.4	118.0	117.6	117.8	117.2	116.6	121.7	126.9	131.3	87.3	85.1	119.8	508.5	287.7	380.9
3:50:50	0:30:30	28.7	28.6	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	118.8	126.5	126.9	131.1	87.3	85.1	119.8	508.4	287.7	381.0
3:51:51	0:31:30	28.7	28.6	29.8	63.0	84.7	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.8	119.8	126.9	131.1	87.2	85.1	119.8	508.4	287.7	380.9
3:52:51	0:32:30	28.7	28.6	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.8	117.9	117.3	116.1	117.4	126.7	131.0	87.2	85.2	119.8	508.4	287.7	379.5
3:53:51	0:33:30	28.7	28.6	29.8	62.5	84.4	117.9	117.4	118.3	117.9	117.6	117.8	117.2	118.2	126.6	126.7	131.0	87.2	85.1	119.8	508.5	287.7	378.0
3:54:51	0:34:30	28.7	28.6	29.8	62.5	84.1	118.0	117.6	118.4	118.0	117.8	117.9	117.3	118.1	124.5	126.6	130.9	87.1	85.2	119.7	508.4	287.6	378.0
3:55:51	0:35:30	28.7	28.6	29.8	63.0	84.8	118.0	117.5	118.4	118.0	117.7	117.9	117.3	116.6	119.1	126.5	130.8	87.1	85.1	119.7	508.5	287.7	378.0
3:56:51	0:36:30	28.7	28.6	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	119.2	129.3	126.5	130.6	87.0	85.1	119.7	508.5	287.7	376.5
3:57:51	0:37:30	28.7	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	118.1	123.8	126.5	130.6	87.0	85.2	119.8	508.5	287.7	376.5
3:58:51	0:38:30	28.7	28.6	29.8	62.5	84.0	118.1	117.6	118.5	118.1	117.9	118.0	117.3	116.7	119.1	126.4	130.6	86.9	85.2	119.7	508.5	287.7	375.0
3:59:51	0:39:31	28.7	28.5	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	116.1	117.2	126.3	130.4	86.9	85.1	119.7	508.5	287.7	375.0
4:00:51	0:40:31	28.7	28.5	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.8	117.2	115.6	116.9	126.3	130.4	86.8	85.1	119.7	508.5	287.7	375.0
4:01:52	0:41:31	28.7	28.5	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	119.2	128.1	126.3	130.3	86.8	85.2	119.7	508.5	287.7	373.5
	BEGIN GAS ADDITION (4) (ksim)					07/01/2015 11:19:35																	
4:02:40	0:42:20	28.7	28.5	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.8	117.9	117.3	117.2	121.4	126.3	130.1	86.8	85.2	119.7	508.5	287.7	373.5
4:02:52	0:42:31	29.0	28.8	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.0	120.4	126.3	130.1	87.5	85.2	119.7	508.5	287.7	373.5
	END GAS ADDITION (4) (ksim)					07/01/2015 11:19:48																	
4:02:53	0:42:32	29.0	28.8	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.3	116.9	120.3	126.2	130.3	87.8	85.2	119.7	508.5	287.7	375.0
4:03:52	0:43:31	29.0	28.9	29.8	63.0	84.7	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.1	117.6	126.1	130.1	91.3	85.2	119.7	508.5	287.7	376.4
4:04:52	0:44:31	29.0	28.9	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.6	117.8	117.2	115.6	116.4	126.1	130.1	90.9	85.2	119.6	508.5	287.7	373.4
4:05:52	0:45:31	29.0	28.9	29.8	62.5	84.2	117.9	117.5	118.4	117.9	117.6	117.9	117.2	119.6	130.7	126.0	129.9	90.3	85.2	119.6	508.5	287.7	371.9
4:06:52	0:46:31	29.0	28.9	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.7	117.9	117.2	117.4	122.3	125.9	129.9	89.8	85.2	119.6	508.4	287.7	370.5
4:07:52	0:47:31	29.0	28.9	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.2	116.3	118.3	125.9	129.9	89.5	85.3	119.7	508.5	287.7	370.4
4:08:52	0:48:32	29.0	28.9	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.8	117.2	118.5	127.7	125.9	129.8	89.1	85.3	119.6	508.5	287.7	369.0
4:09:52	0:49:32	29.0	28.9	29.8	62.0	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	118.0	123.9	126.0	129.6	88.8	85.3	119.6	508.4	287.7	367.4
4:10:53	0:50:32	29.0	28.9	29.8	62.1	83.5	118.0	117.6	118.4	118.0	117.7	117.9	117.3	116.5	118.9	125.8	129.6	88.6	85.3	119.6	508.5	287.7	367.5
4:11:53	0:51:32	29.0	28.9	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	115.9	117.1	125.8	129.6	88.4	85.3	119.4	508.4	287.7	367.5
4:12:53	0:52:32	29.0	28.9	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	119.3	130.1	125.7	129.6	88.2	85.3	119.6	508.5	287.7	366.0
4:13:53	0:53:32	29.0	28.9	29.8	62.1	83.5	118.0	117.5	118.5	118.0	117.8	117.9	117.3	117.9	123.5	125.6	129.4	88.0	85.3	119.4	508.5	287.7	366.0
4:14:53	0:54:32	29.0	28.9	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	118.0	117.3	116.6	118.9	125.6	129.4	87.9	85.3	119.6	508.5	287.7	364.5
4:15:53	0:55:32	29.0	28.9	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.6	117.9	117.2	115.9	117.0	125.4	129.3	87.8	85.3	119.4	508.5	287.7	364.5
4:16:53	0:56:32	29.0	28.9	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	116.2	120.4	125.5	129.1	87.7	85.3	119.4	508.4	287.7	364.5
4:17:53	0:57:32	29.0	28.9	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.9	117.2	118.9	127.2	125.4	129.0	87.5	85.4	119.4	508.5	287.7	364.5
4:18:53	0:58:33	29.0	28.9	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.2	116.8	120.1	125.3	129.0	87.5	85.3	119.4	508.5	287.7	364.5
4:19:53	0:59:33	29.0	28.9	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.8	117.2	119.7	131.0	125.3	131.1	87.3	85.4	121.5	508.5	287.7	364.5
	EXPOSURE(1) SUMMARY					07/01/2015 11:37:35																	
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
4:20:40	1:00:19	29.0	28.9	29.8	62.5	83.9	118.1	117.7	118.5	118.1	117.9	118.0	117.4	122.7	139.6	125.3	132.5	87.3	85.5	120.2	508.5	287.7	364.5

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.3 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 120.1
END PRESS: 0029.0 MIN PRESS: 0028.2 MIN TEMP: 117.2 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 123.8 MIN GAS TEMP: 086.8

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000368

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

PRESS CHANGE: 000.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.8

EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 128.9

EXPOSURE(2) 07/01/2015 11:37:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
4:20:40	0:00:00	29.0	28.9	29.8	62.5	83.9	118.1	117.7	118.5	118.1	117.9	118.0	117.4	122.7	139.6	125.3	132.5	87.3	85.5	120.2	508.5	287.7	364.5
4:21:40	0:01:00	29.0	28.9	29.8	62.5	83.5	118.3	117.9	118.7	118.2	118.3	118.2	117.6	119.4	126.8	125.2	132.6	87.2	85.5	120.1	508.5	287.7	364.4
4:22:40	0:02:00	29.0	28.9	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.2	117.5	116.8	118.1	125.2	132.6	87.2	85.4	120.1	508.5	287.7	362.9
4:23:40	0:03:00	29.0	28.9	29.8	62.5	83.4	118.3	117.9	118.7	118.3	118.1	118.2	117.6	116.3	116.7	125.1	132.5	87.1	85.5	120.1	508.5	287.7	362.9
4:24:41	0:04:00	29.0	28.9	29.8	62.5	83.7	118.2	117.8	118.6	118.2	117.9	118.1	117.5	116.0	116.3	125.0	132.4	87.1	85.5	120.1	508.5	287.7	363.0
4:25:41	0:05:00	29.0	28.8	29.8	62.1	83.2	118.1	117.7	118.6	118.1	117.8	118.0	117.4	115.8	116.0	125.0	132.4	87.0	85.5	120.1	508.5	287.7	361.5
4:26:41	0:06:00	29.0	28.8	29.8	62.5	84.0	118.1	117.6	118.5	118.1	117.6	117.9	117.3	115.4	115.6	125.0	132.3	87.0	85.5	120.1	508.5	287.7	361.0
4:27:41	0:07:01	29.0	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.6	117.8	117.2	117.7	125.7	124.9	132.2	87.0	85.6	120.1	508.5	287.7	361.4
4:28:41	0:08:01	29.0	28.8	29.8	62.1	83.5	118.0	117.5	118.5	118.0	117.7	117.9	117.3	118.2	125.2	124.8	132.1	87.0	85.5	120.1	508.5	287.7	360.0
4:29:41	0:09:01	29.0	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.7	117.9	117.3	116.5	119.2	124.8	132.1	87.0	85.5	120.1	508.5	287.7	360.0
4:30:41	0:10:01	29.0	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.8	116.9	124.7	131.9	86.9	85.5	120.1	508.5	287.7	360.0
4:31:41	0:11:01	29.0	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.6	117.9	117.2	119.7	131.0	124.8	131.9	86.9	85.5	120.1	508.5	287.6	359.9
4:32:41	0:12:01	29.0	28.8	29.8	62.0	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.4	122.3	124.6	131.9	86.9	85.5	120.1	508.4	287.7	359.9
4:33:41	0:13:01	29.0	28.8	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	116.3	118.3	124.5	131.7	86.9	85.5	120.1	508.5	287.7	360.0
4:34:42	0:14:01	29.0	28.8	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.6	117.9	117.2	115.8	116.7	124.3	131.6	86.8	85.5	120.1	508.5	287.6	360.0
4:35:42	0:15:01	29.0	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.6	117.9	117.2	119.8	130.7	124.4	131.5	86.8	85.6	120.1	508.5	287.7	359.9
4:36:42	0:16:01	29.0	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.7	117.9	117.3	117.4	121.9	124.4	131.5	86.8	85.6	120.1	508.5	287.7	358.4
4:37:42	0:17:02	29.0	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.7	118.0	117.3	116.4	118.2	124.4	131.5	86.9	85.6	120.1	508.5	287.7	358.4
4:38:42	0:18:02	29.0	28.8	29.8	62.1	83.5	118.0	117.5	118.5	118.0	117.7	117.9	117.2	115.8	116.7	124.4	131.4	86.8	85.6	120.1	508.5	287.7	358.4
4:39:42	0:19:02	29.0	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.6	117.9	117.2	119.7	130.7	124.3	131.1	86.8	85.6	119.9	508.5	287.7	358.4
4:40:42	0:20:02	29.0	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.4	122.2	124.2	131.1	86.8	85.6	119.9	508.5	287.7	358.4
4:41:42	0:21:02	29.0	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.8	117.9	117.3	116.3	118.3	124.2	131.1	86.8	85.7	119.9	508.5	287.7	356.9
4:42:42	0:22:02	29.0	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.9	117.3	115.8	116.7	124.1	131.0	86.8	85.7	119.9	508.5	287.7	357.0
4:43:42	0:23:02	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.6	117.9	117.2	120.1	132.1	124.0	130.9	86.8	85.6	119.9	508.5	287.7	355.5
4:44:43	0:24:02	29.0	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.7	123.0	124.0	130.9	86.8	85.7	119.9	508.5	287.6	355.5
4:45:43	0:25:02	28.9	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.5	118.6	127.8	130.8	86.8	85.7	119.9	508.5	287.7	355.5
4:46:43	0:26:02	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.2	115.9	117.0	128.6	130.8	86.8	85.7	119.9	508.5	287.7	355.4
4:47:43	0:27:03	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.6	117.9	117.2	116.6	122.2	128.6	130.6	86.8	85.8	119.9	508.5	287.7	355.5
4:48:43	0:28:03	28.9	28.8	29.8	62.1	83.5	118.0	117.5	118.5	118.0	117.7	117.9	117.2	118.9	126.9	128.8	130.6	86.8	85.8	119.9	508.5	287.7	355.4
4:49:43	0:29:03	28.9	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.9	120.1	128.6	130.4	86.8	85.7	119.9	508.5	287.7	355.5
4:50:43	0:30:03	28.9	28.8	29.8	62.1	83.5	118.0	117.5	118.5	118.0	117.8	117.9	117.3	116.1	117.5	128.4	130.4	86.8	85.8	119.9	508.4	287.7	355.5
4:51:43	0:31:03	28.9	28.8	29.8	61.5	82.8	117.9	117.5	118.4	117.9	117.6	117.9	117.2	117.5	124.5	128.3	130.4	86.8	85.8	119.9	508.5	287.7	355.4
4:52:43	0:32:03	28.9	28.8	29.8	62.1	83.4	118.1	117.7	118.5	118.0	117.8	118.0	117.3	122.1	138.5	128.2	130.3	86.8	85.8	119.8	508.5	287.7	355.5
4:53:43	0:33:03	28.9	28.8	29.8	62.1	82.8	118.3	118.0	118.7	118.2	118.1	118.2	117.5	120.2	129.5	128.3	130.1	86.8	85.8	119.8	508.5	287.7	353.9
4:54:44	0:34:03	28.9	28.8	29.8	61.6	82.2	118.3	117.9	118.8	118.3	118.1	118.2	117.6	116.9	118.8	128.4	130.1	86.8	85.9	119.9	508.5	287.7	353.9
4:55:44	0:35:03	28.9	28.8	29.8	62.0	82.8	118.3	117.9	118.8	118.3	118.1	118.1	117.6	116.4	116.8	128.3	130.1	86.8	85.9	119.9	508.5	287.7	353.9
4:56:44	0:36:04	28.9	28.8	29.8	61.6	82.5	118.2	117.7	118.6	118.2	117.9	118.2	117.5	116.1	116.4	128.3	129.9	86.8	85.8	119.8	508.5	287.7	354.0
4:57:44	0:37:04	28.9	28.8	29.8	61.6	82.8	118.1	117.6	118.5	118.1	117.8	118.0	117.4	115.8	116.0	128.1	129.9	86.8	85.9	119.8	508.5	287.7	354.0
4:58:44	0:38:04	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.8	118.0	117.3	115.4	115.6	128.1	129.8	86.8	85.9	119.8	508.5	287.6	354.0
4:59:44	0:39:04	28.9	28.8	29.8	62.1	83.7	117.9	117.4	118.4	118.0	117.6	117.9	117.2	115.2	115.3	128.1	129.8	86.8	85.9	119.8	508.5	287.6	354.0
5:00:44	0:40:04	28.9	28.8	29.8	61.6	83.1	117.9	117.4	118.4	117.9	117.6	117.8	117.2	119.6	131.0	127.9	129.6	86.8	85.9	119.8	508.5	287.7	354.0
5:01:44	0:41:04	28.9	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.9	117.3	117.1	121.7	128.0	129.6	86.8	85.9	119.8	508.5	287.7	352.5
5:02:44	0:42:04	28.9	28.8	29.8	61.6	83.0	117.9	117.5	118.4	117.9	117.6	117.8	117.2	116.1	117.9	127.9	129.6	86.8	85.9	119.8	508.5	287.7	352.5
5:03:44	0:43:04	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.7	118.0	117.3	119.7	129.7	127.8	129.4	86.8	85.9	119.8	508.5	287.7	352.5
5:04:45	0:44:04	28.9	28.8	29.8	62.0	83.3	118.1	117.6	118.6	118.1	117.8	118.0	117.3	117.2	121.2	127.7	129.4	86.9	85.9	119.8	508.5	287.7	352.4
5:05:45	0:45:04	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.3	118.0	127.8	129.4	86.9	86.0	119.8	508.5	287.7	351.0
5:06:45	0:46:05	28.9	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.8	118.0	117.3	115.8	116.6	127.7	129.3	86.9	86.0	119.8	508.5	287.7	350.9
5:07:45	0:47:05	28.9	28.8	29.8	61.6	83.2	117.9	117.4	118.3	117.9	117.6	117.8	117.2	117.3	124.3	127.7	129.0	86.8	86.0	119.8	508.5	287.7	351.0
5:08:45	0:48:05	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.7	117.9	117.3	118.5	125.8	127.6	129.0	86.8	86.0	119.8	508.5	287.7	350.9
5:09:45	0:49:05	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.6	119.5	127.6	129.0	86.9	86.0	119.7	508.5	287.7	351.0
5:10:45	0:50:05	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.6	117.9	117.3	115.9	117.2	127.6	128.9	86.9	86.0	119.7	508.5	287.7	350.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000369

5:11:45	0:51:05	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.6	117.8	117.2	117.7	125.6	127.4	128.9	86.9	86.0	119.7	508.5	287.7	351.0
5:12:45	0:52:05	28.9	28.8	29.8	62.1	83.5	118.0	117.6	118.5	118.0	117.7	118.0	117.3	119.7	129.4	127.4	128.8	86.8	86.0	119.7	508.5	287.6	351.0
5:13:45	0:53:05	28.9	28.8	29.8	61.6	82.6	118.1	117.7	118.6	118.1	117.8	118.0	117.3	117.3	121.1	127.3	128.8	86.9	86.0	119.7	508.5	287.7	351.0
5:14:46	0:54:05	28.9	28.8	29.8	61.6	82.6	118.1	117.7	118.6	118.1	117.9	118.0	117.4	116.4	118.0	127.3	128.7	86.9	86.1	119.7	508.5	287.7	350.9
5:15:46	0:55:05	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	118.0	117.3	115.9	116.7	127.2	128.6	86.9	86.1	119.7	508.5	287.7	351.0
5:16:46	0:56:06	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.6	117.9	117.2	115.6	116.0	126.9	128.6	86.9	86.0	119.6	508.5	287.7	349.5
5:17:46	0:57:06	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.7	117.9	117.2	119.8	131.0	127.1	128.4	87.0	86.0	119.6	508.5	287.7	349.5
5:18:46	0:58:06	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.7	118.0	117.3	117.3	122.0	127.0	128.3	86.9	86.0	119.6	508.5	287.7	349.4
5:19:46	0:59:06	28.9	28.8	29.8	62.1	83.6	118.0	117.5	118.4	118.0	117.7	117.8	117.2	116.2	118.2	127.0	128.3	86.9	86.1	119.6	508.4	287.7	349.5
5:20:46	1:00:06	28.9	28.8	29.8	61.6	83.1	117.9	117.4	118.4	117.9	117.6	117.9	117.2	115.8	116.7	127.0	128.3	87.0	86.0	119.4	508.5	287.7	349.4
5:21:46	1:01:06	28.9	28.8	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.9	117.2	119.9	130.5	126.9	128.3	87.0	86.1	119.6	508.4	287.7	349.5
5:22:46	1:02:06	28.9	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.3	121.5	126.8	128.1	86.9	86.1	119.6	508.5	287.7	349.5
5:23:46	1:03:06	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.3	118.0	126.7	128.1	87.0	86.1	119.4	508.5	287.7	349.4
5:24:47	1:04:06	28.9	28.8	29.8	61.6	83.1	117.9	117.4	118.4	117.9	117.7	117.8	117.2	115.9	118.7	126.7	127.9	87.0	86.1	119.4	508.5	287.7	349.5
5:25:47	1:05:06	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.8	118.0	117.3	121.4	136.5	126.6	127.9	87.0	86.1	119.4	508.5	287.7	349.5
5:26:47	1:06:06	28.9	28.8	29.8	61.6	82.5	118.2	117.9	118.6	118.1	118.1	118.1	117.5	121.1	132.8	126.6	127.8	87.0	86.0	119.4	508.5	287.7	349.5
5:27:47	1:07:07	28.9	28.8	29.8	61.6	82.2	118.3	117.9	118.8	118.3	118.1	118.2	117.5	117.3	120.0	126.4	127.8	87.0	86.1	119.4	508.5	287.7	349.4
5:28:47	1:08:07	28.9	28.8	29.8	61.6	82.2	118.3	117.9	118.8	118.2	118.1	118.2	117.5	116.4	117.0	126.3	127.8	87.0	86.1	119.4	508.5	287.7	347.9
5:29:47	1:09:07	28.9	28.8	29.8	61.6	82.4	118.2	117.8	118.7	118.2	118.0	118.1	117.5	116.1	116.4	126.1	127.6	87.0	86.2	119.4	508.5	287.7	347.9
5:30:47	1:10:07	28.9	28.8	29.8	61.6	82.7	118.1	117.6	118.6	118.1	117.9	118.0	117.5	115.8	116.0	126.1	127.6	87.0	86.1	119.4	508.5	287.7	348.0
5:31:47	1:11:07	28.9	28.8	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.7	118.0	117.3	115.6	115.7	126.0	127.6	87.1	86.2	119.4	508.5	287.7	346.5
5:32:47	1:12:07	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.5	117.9	117.6	117.9	117.2	115.2	115.4	126.1	127.4	87.0	86.2	119.4	508.5	287.7	346.4
5:33:47	1:13:07	28.9	28.8	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.7	117.8	117.3	119.7	131.2	126.1	127.4	87.1	86.2	119.4	508.4	287.7	346.5
5:34:48	1:14:07	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	117.2	121.9	125.9	127.3	87.0	86.2	119.4	508.4	287.6	346.5
5:35:48	1:15:07	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	116.1	117.9	125.8	127.3	87.0	86.2	119.4	508.4	287.7	346.5
5:36:48	1:16:08	28.9	28.8	29.8	61.6	83.1	117.9	117.4	118.4	117.9	117.6	117.8	117.2	117.7	125.4	125.9	127.1	87.0	86.2	119.3	508.5	287.7	346.5
5:37:48	1:17:08	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.7	117.9	117.3	118.3	125.2	126.0	127.1	87.1	86.2	119.3	508.5	287.7	346.4
5:38:48	1:18:08	28.9	28.8	29.8	61.6	82.8	118.1	117.6	118.5	118.1	117.7	117.9	117.3	116.7	119.4	125.7	127.1	87.1	86.2	119.3	508.5	287.7	346.5
5:39:48	1:19:08	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.7	117.9	117.3	115.9	117.2	125.9	126.9	87.0	86.3	119.3	508.5	287.7	346.4
5:40:48	1:20:08	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	119.7	131.5	125.9	126.9	87.1	86.4	119.3	508.5	287.6	346.5
5:41:48	1:21:08	28.9	28.8	29.8	61.6	82.5	118.2	117.8	118.6	118.1	117.9	118.0	117.4	121.8	135.3	125.9	126.8	87.1	86.4	119.3	508.5	287.7	346.4
5:42:48	1:22:08	28.9	28.8	29.8	61.6	82.3	118.3	117.9	118.7	118.2	118.1	118.1	117.5	117.3	120.7	125.8	126.7	87.1	86.3	119.3	508.5	287.6	346.4
5:43:48	1:23:08	28.9	28.8	29.8	61.6	82.5	118.2	117.8	118.6	118.2	118.0	118.1	117.5	116.2	117.0	125.8	126.7	87.1	86.3	119.3	508.5	287.7	346.4
5:44:49	1:24:08	28.9	28.8	29.8	61.6	82.5	118.2	117.7	118.6	118.2	117.9	118.0	117.4	116.0	116.3	125.8	126.6	87.1	86.4	119.2	508.5	287.7	346.5
5:45:49	1:25:08	28.9	28.8	29.8	61.6	82.8	118.1	117.6	118.5	118.1	117.8	118.0	117.4	115.6	115.9	125.8	126.6	87.2	86.4	119.2	508.5	287.7	346.4
5:46:49	1:26:09	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.4	115.6	125.8	126.5	87.2	86.4	119.3	508.5	287.7	346.5
5:47:49	1:27:09	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.7	117.8	117.3	119.7	131.8	125.7	126.4	87.2	86.4	119.2	508.5	287.7	346.1
5:48:49	1:28:09	28.9	28.8	29.8	61.6	82.6	118.1	117.7	118.6	118.1	117.9	118.1	117.5	121.8	136.1	125.6	126.3	87.2	86.3	119.2	508.5	287.7	346.5
5:49:49	1:29:09	28.9	28.8	29.8	61.6	82.5	118.2	117.8	118.6	118.2	118.1	118.1	117.5	117.3	121.0	125.7	126.3	87.2	86.4	119.2	508.5	287.7	346.5
5:50:49	1:30:09	28.9	28.8	29.8	61.6	82.5	118.2	117.8	118.6	118.2	118.0	118.1	117.5	116.3	117.1	125.6	126.3	87.2	86.4	119.2	508.5	287.7	346.5
5:51:49	1:31:09	28.9	28.8	29.8	61.6	82.5	118.2	117.7	118.6	118.2	117.9	118.0	117.5	115.9	116.3	125.6	126.2	87.2	86.4	119.1	508.5	287.7	346.4
5:52:49	1:32:09	28.9	28.8	29.8	61.6	82.8	118.1	117.6	118.5	118.1	117.8	118.0	117.4	115.6	115.8	125.6	126.1	87.2	86.4	119.1	508.5	287.7	346.5
5:53:49	1:33:09	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.2	115.5	125.5	126.0	87.2	86.4	119.1	508.4	287.7	346.5
5:54:50	1:34:09	28.9	28.7	29.8	61.6	83.1	117.9	117.4	118.4	117.9	117.6	117.8	117.3	118.5	128.2	125.6	126.0	87.3	86.5	119.1	508.5	287.7	345.0
5:55:50	1:35:09	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	117.8	124.1	125.5	125.9	87.2	86.4	118.9	508.5	287.6	345.0
5:56:50	1:36:09	28.9	28.8	29.8	61.6	83.0	118.0	117.5	118.4	118.0	117.7	117.8	117.3	116.3	118.8	125.5	125.8	87.2	86.4	118.9	508.5	287.7	344.9
5:57:50	1:37:10	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.8	116.8	125.5	125.8	87.3	86.5	118.9	508.5	287.7	344.9
5:58:50	1:38:10	28.9	28.7	29.8	61.6	83.1	117.9	117.5	118.3	117.9	117.6	117.8	117.2	119.1	130.1	125.4	125.8	87.4	86.4	118.9	508.4	287.7	345.0
5:59:50	1:39:10	28.9	28.8	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.7	117.9	117.3	117.7	123.3	125.4	125.7	87.3	86.4	118.9	508.5	287.7	345.0
6:00:50	1:40:10	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.8	117.9	117.3	116.5	118.7	125.4	125.6	87.4	86.5	118.9	508.5	287.7	344.9
6:01:50	1:41:10	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	117.8	117.2	115.8	116.9	125.4	125.6	87.4	86.6	118.9	508.5	287.7	345.0
6:02:50	1:42:10	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.6	117.8	117.2	119.1	129.7	125.3	125.5	87.4	86.5	118.9	508.5	287.7	345.0
6:03:50	1:43:10	28.9	28.8	29.8	61.6	82.9	118.0	117.6	118.5	118.0	117.8	118.0	117.3	118.0	123.9	125.3	125.5	87.4	86.6	118.9	508.5	287.7	343.5
6:04:51	1:44:10	28.9	28.7	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.5	118.9	125.3	125.4	87.4	86.6	118.9	508.5	287.7	345.0
6:05:51	1:45:10	28.9	28.7	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.7	118.0	117.3	115.9	117.0	125.2	125.3	87.4	86.6	118.9	508.5	287.7	344.9
6:06:51	1:46:11	28.9	28.7	29.8	61.6	83.1	117.9	117.5	118.4	117.9	117.6	117.8	117.2	116.8	122.4	125.0	125.3	87.4	86.6	118.9	508.5	287.7	343.5
6:07:51	1:47:11	28.9	28.7	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	118.0	117.3	118.6	126.2	125.1	125.2	87.4	86.6	118.9	508.5	287.7	343.5
6:08:51	1:48:11	28.9	28.7	29.8	61.6	82.8	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.8	119.7	125.0	125.1	87.4	86.6	118.9	508.5	287.7	343.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000370

6:09:51	1:49:11	28.9	28.8	29.8	61.6	82.9	118.0	117.5	118.5	118.0	117.7	118.0	117.3	116.0	117.3	124.9	125.1	87.5	86.6	118.9	508.5	287.7	343.5
6:10:51	1:50:11	28.9	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	116.5	121.4	124.9	125.0	87.4	86.6	118.8	508.4	287.7	341.9
6:11:51	1:51:11	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.8	117.9	117.3	121.7	137.4	124.8	124.9	87.4	86.7	118.9	508.5	287.6	343.5
6:12:51	1:52:11	28.9	28.8	29.8	62.5	83.4	118.3	118.0	118.7	118.2	118.1	118.1	117.5	121.1	132.6	124.8	125.0	87.6	86.6	118.8	508.5	287.7	342.0
6:13:51	1:53:11	28.9	28.8	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.6	117.3	119.9	124.8	124.9	87.6	86.7	118.8	508.5	287.7	343.5
6:14:52	1:54:11	28.9	28.8	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.2	117.6	116.4	116.9	124.7	124.8	87.5	86.6	118.8	508.5	287.7	341.9
6:15:52	1:55:11	28.9	28.8	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.5	116.1	116.4	124.7	124.7	87.5	86.6	118.8	508.5	287.7	342.0
6:16:52	1:56:11	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.0	117.4	115.8	116.0	124.6	124.7	87.5	86.7	118.8	508.5	287.7	341.9
6:17:52	1:57:12	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.4	115.7	124.7	124.6	87.5	86.8	118.8	508.5	287.7	341.9
6:18:52	1:58:12	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	115.2	115.4	124.5	124.6	87.6	86.6	118.7	508.5	287.7	342.0
6:19:52	1:59:12	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.9	117.3	119.6	131.3	124.6	124.5	87.6	86.7	118.7	508.5	287.7	342.0
6:20:52	2:00:12	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	117.5	122.8	124.5	124.5	87.6	86.7	118.6	508.5	287.6	342.0
6:21:52	2:01:12	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	117.9	117.3	116.2	118.3	124.4	124.4	87.6	86.7	118.6	508.4	287.7	342.0
6:22:52	2:02:12	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.6	117.9	117.2	116.3	120.8	124.5	124.3	87.6	86.7	118.7	508.5	287.6	342.0
6:23:52	2:03:12	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	121.6	137.2	124.3	124.3	87.6	86.7	118.6	508.5	287.7	342.0
6:24:53	2:04:12	28.9	28.7	29.8	62.1	83.1	118.2	117.8	118.6	118.2	118.1	118.1	117.5	119.2	127.3	124.5	124.2	87.6	86.8	118.7	508.5	287.7	341.9
6:25:53	2:05:12	28.9	28.8	29.8	62.5	83.5	118.3	117.9	118.7	118.3	118.0	118.1	117.5	116.6	118.3	124.4	124.2	87.6	86.8	118.6	508.5	287.7	341.9
6:26:53	2:06:13	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	117.9	118.1	117.5	116.1	116.6	124.3	124.0	87.5	86.7	118.5	508.5	287.7	342.0
6:27:53	2:07:13	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.8	118.0	117.4	115.8	116.1	124.3	124.1	87.6	86.7	118.6	508.5	287.7	342.0
6:28:53	2:08:13	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	115.7	124.3	124.0	87.6	86.7	118.5	508.5	287.7	342.0
6:29:53	2:09:13	28.9	28.7	29.8	62.4	84.1	118.0	117.5	118.4	118.0	117.6	117.9	117.3	115.2	115.4	124.2	123.9	87.6	86.7	118.5	508.5	287.7	341.9
6:30:53	2:10:13	28.9	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	119.4	130.9	124.2	123.9	87.6	86.8	118.5	508.5	287.7	341.9
6:31:53	2:11:13	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	117.9	117.2	117.4	122.5	124.2	123.8	87.6	86.7	118.5	508.5	287.7	342.0
6:32:53	2:12:13	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.2	118.3	124.1	123.8	87.6	86.8	118.5	508.5	287.7	342.0
6:33:53	2:13:13	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	115.6	116.6	124.1	123.7	87.6	86.8	118.3	508.5	287.7	341.9
6:34:54	2:14:13	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.9	117.2	119.4	130.8	124.1	123.7	87.6	86.7	118.3	508.5	287.7	342.0
6:35:54	2:15:13	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.0	117.4	122.8	140.6	124.1	123.5	87.6	86.8	118.3	508.5	287.6	342.0
6:36:54	2:16:14	28.9	28.7	29.8	62.5	83.4	118.3	118.0	118.7	118.3	118.1	118.2	117.6	118.7	125.3	125.9	123.5	87.5	86.7	118.3	508.5	287.7	342.0
6:37:54	2:17:14	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.7	118.3	118.1	118.2	117.6	116.5	117.7	128.2	123.4	87.6	86.8	118.3	508.5	287.6	342.0
6:38:54	2:18:14	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	118.0	118.2	117.5	116.2	116.6	128.2	123.4	87.6	86.8	118.3	508.5	287.6	341.9
6:39:54	2:19:14	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	117.9	118.1	117.5	115.9	116.2	128.2	123.4	87.6	86.9	118.3	508.5	287.7	340.4
6:40:54	2:20:14	28.9	28.7	29.8	62.5	84.0	118.1	117.6	118.5	118.1	117.8	118.0	117.4	115.6	115.8	128.2	123.2	87.5	86.8	118.3	508.5	287.7	340.5
6:41:54	2:21:14	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.3	115.5	128.2	123.3	87.6	86.9	118.3	508.5	287.7	340.4
6:42:54	2:22:14	28.9	28.7	29.8	62.5	84.4	117.9	117.4	118.4	117.9	117.6	117.9	117.3	118.1	127.2	128.2	123.2	87.6	86.8	118.3	508.5	287.7	340.5
6:43:54	2:23:14	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	118.2	125.1	128.2	123.2	87.6	86.8	118.3	508.5	287.7	340.5
6:44:55	2:24:14	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.5	119.2	128.2	123.1	87.6	86.9	118.3	508.5	287.7	340.5
6:45:55	2:25:14	28.9	28.7	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	117.9	117.3	115.8	117.0	128.2	123.0	87.6	86.9	118.3	508.5	287.7	340.4
6:46:55	2:26:15	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	115.4	116.1	128.2	122.9	87.7	86.9	118.3	508.5	287.7	340.4
6:47:55	2:27:15	28.9	28.7	29.8	62.1	83.6	118.0	117.5	118.5	117.9	117.6	117.9	117.2	119.7	130.7	128.0	122.9	87.6	86.9	118.2	508.5	287.7	340.4
6:48:55	2:28:15	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	117.2	121.6	128.1	122.8	87.6	86.9	118.2	508.5	287.7	340.5
6:49:55	2:29:15	28.9	28.7	29.8	62.1	83.6	118.0	117.5	118.5	117.9	117.7	117.9	117.3	116.2	117.9	128.1	122.8	87.6	86.9	118.2	508.5	287.7	340.4
6:50:55	2:30:15	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	115.8	117.2	128.0	122.7	87.6	86.9	118.2	508.5	287.6	340.5
6:51:55	2:31:15	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	121.0	135.6	128.1	122.6	87.6	86.9	118.2	508.5	287.7	340.5
6:52:55	2:32:15	28.9	28.7	29.8	62.3	83.4	118.2	117.9	118.6	118.2	118.1	118.1	117.5	122.4	137.2	128.0	122.6	87.7	87.0	118.2	508.5	287.7	340.5
6:53:55	2:33:15	28.9	28.8	29.8	62.5	83.4	118.3	118.0	118.8	118.2	118.3	118.3	117.6	117.9	121.7	128.0	122.6	87.7	87.0	118.2	508.5	287.7	340.5
6:54:56	2:34:15	28.9	28.7	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.2	117.6	116.5	117.2	127.9	122.5	87.7	87.0	118.2	508.5	287.7	339.0
6:55:56	2:35:15	28.9	28.7	29.8	62.5	83.6	118.3	117.8	118.7	118.3	118.1	118.1	117.6	116.2	116.5	127.8	122.5	87.7	87.0	118.2	508.4	287.7	340.5
6:56:56	2:36:15	28.9	28.7	29.8	62.1	83.0	118.2	117.8	118.7	118.2	117.9	118.1	117.5	115.9	116.1	127.7	122.4	87.7	87.0	118.2	508.5	287.7	339.0
6:57:56	2:37:16	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.4	115.6	115.8	127.7	122.3	87.7	87.0	118.1	508.5	287.7	339.0
6:58:56	2:38:16	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.3	115.5	127.7	122.3	87.8	87.0	118.1	508.5	287.7	339.0
6:59:56	2:39:16	28.9	28.7	29.8	62.5	84.4	117.9	117.4	118.3	117.9	117.6	117.9	117.3	115.2	117.6	127.7	122.2	87.8	87.0	118.1	508.5	287.7	339.0
7:00:56	2:40:16	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	119.4	129.4	127.6	122.2	87.8	87.1	118.2	508.5	287.7	339.0
7:01:56	2:41:16	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.9	120.8	127.6	122.2	87.8	87.1	118.1	508.5	287.7	339.0
7:02:56	2:42:16	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	116.0	117.6	127.5	122.1	87.8	87.1	118.1	508.5	287.7	339.0
7:03:56	2:43:16	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.8	117.3	115.6	116.4	127.5	122.1	87.8	87.1	118.1	508.5	287.7	339.0
7:04:57	2:44:16	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	120.8	134.9	127.5	122.0	87.8	87.1	118.1	508.5	287.7	339.0
7:05:57	2:45:16	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	118.0	118.1	117.5	121.8	135.6	127.5	121.9	87.8	87.1	118.1	508.5	287.7	339.0
7:06:57	2:46:17	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.2	117.6	117.5	121.0	127.4	121.9	87.9	87.1	118.1	508.5	287.6	339.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000371

7:07:57	2:47:17	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.7	118.3	118.1	118.2	117.6	116.4	117.1	127.4	121.9	87.9	87.2	118.1	508.5	287.7	337.5
7:08:57	2:48:17	28.9	28.7	29.8	62.6	83.7	118.2	117.8	118.7	118.2	118.0	118.1	117.6	116.1	116.4	127.3	121.9	87.9	87.2	118.1	508.5	287.7	339.0
7:09:57	2:49:17	28.9	28.7	29.8	62.5	83.8	118.2	117.7	118.6	118.2	117.9	118.0	117.5	115.8	116.1	127.2	121.8	88.0	87.2	118.1	508.5	287.6	337.5
7:10:57	2:50:17	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.4	115.6	115.7	127.3	121.7	88.0	87.3	118.1	508.4	287.6	337.5
7:11:57	2:51:17	28.9	28.7	29.8	62.5	84.3	117.9	117.4	118.4	118.0	117.7	117.9	117.3	115.2	115.4	127.2	121.6	88.0	87.3	118.1	508.5	287.6	337.4
7:12:57	2:52:17	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	119.9	131.9	127.2	121.6	88.0	87.2	118.0	508.5	287.7	337.5
7:13:58	2:53:17	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	117.9	117.3	117.5	122.5	127.2	121.6	88.0	87.3	118.0	508.5	287.6	337.5
7:14:58	2:54:17	28.9	28.7	29.8	62.5	84.0	118.1	117.6	118.5	118.1	117.8	117.9	117.3	116.3	118.3	127.1	121.5	88.1	87.3	118.0	508.5	287.7	337.5
7:15:58	2:55:17	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	117.9	117.3	115.8	116.7	127.2	121.4	88.1	87.3	118.0	508.5	287.7	337.5
7:16:58	2:56:18	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.3	115.9	127.0	121.4	88.0	87.3	118.0	508.5	287.7	337.4
7:17:58	2:57:18	28.9	28.7	29.8	62.5	84.4	117.9	117.4	118.3	117.9	117.6	117.8	117.2	118.7	128.8	127.0	121.4	88.1	87.4	118.0	508.5	287.6	337.3
7:18:58	2:58:18	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.6	117.9	117.3	117.8	123.8	127.0	121.3	88.1	87.3	118.0	508.5	287.7	337.5
7:19:58	2:59:18	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	116.4	118.8	126.9	121.3	88.2	87.3	117.8	508.4	287.7	337.5
7:20:58	3:00:18	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.8	116.9	126.9	121.2	88.1	87.4	117.8	508.5	287.7	337.5
7:21:58	3:01:18	28.8	28.7	29.8	62.5	84.4	117.9	117.4	118.3	117.9	117.6	117.8	117.2	118.1	126.9	126.9	121.1	88.1	87.4	117.8	508.5	287.7	337.5
7:22:58	3:02:18	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	118.1	124.6	126.8	121.1	88.2	87.4	117.8	508.5	287.7	337.5
7:23:58	3:03:18	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.5	119.1	126.8	121.0	88.2	87.4	117.8	508.5	287.7	337.5
7:24:58	3:04:18	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	115.9	117.1	126.7	121.0	88.2	87.4	117.8	508.5	287.6	337.5
7:25:58	3:05:18	28.9	28.7	29.8	62.1	83.7	117.9	117.5	118.4	117.9	117.6	117.8	117.2	118.4	127.4	126.7	121.0	88.2	87.5	117.8	508.5	287.7	337.5
7:26:58	3:06:19	28.9	28.7	29.8	62.5	84.0	118.1	117.7	118.5	118.0	117.9	118.0	117.4	122.5	139.6	126.7	120.9	88.2	87.6	118.0	508.5	287.7	337.5
7:27:58	3:07:19	28.9	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.2	117.6	119.7	128.1	126.7	120.9	88.2	87.6	118.0	508.5	287.7	337.5
7:28:58	3:08:19	28.9	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.2	117.6	116.9	118.4	126.7	120.8	88.3	87.6	118.0	508.5	287.6	337.5
7:29:58	3:09:19	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.1	117.6	116.4	116.6	126.5	120.8	88.2	87.6	117.8	508.5	287.7	337.5
7:30:58	3:10:19	28.9	28.7	29.8	62.1	83.0	118.2	117.8	118.7	118.2	118.1	118.1	117.6	116.1	116.3	126.5	120.7	88.3	87.6	118.0	508.5	287.6	337.4
7:31:58	3:11:19	28.9	28.7	29.8	62.5	83.7	118.2	117.7	118.6	118.2	117.9	118.1	117.5	115.8	116.0	126.5	120.7	88.4	87.7	117.8	508.5	287.7	337.4
7:32:58	3:12:19	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.4	115.6	115.8	126.5	120.7	88.4	87.7	117.8	508.5	287.7	337.5
7:34:00	3:13:19	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.3	115.5	126.4	120.6	88.4	87.6	117.8	508.5	287.7	337.5
	CHILLED WATER PRESSURE ALARM					07/01/2015 14:51:30																		
7:34:36	3:13:56	28.9	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.3	115.0	115.3	126.4	120.6	88.4	87.7	117.8	508.5	287.7	337.5
7:35:00	3:14:19	28.9	28.7	29.8	62.5	84.4	117.9	117.4	118.4	117.9	117.6	117.8	117.2	116.8	123.1	126.3	120.6	88.4	87.7	117.8	508.5	287.7	337.4
7:36:00	3:15:19	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.8	117.9	117.3	118.6	126.8	126.4	120.5	88.5	87.6	117.8	508.5	287.7	337.5
	ALARM SILENCED (ksim)				07/01/2015 14:53:01																			
7:36:07	3:15:26	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.8	117.9	117.3	118.3	125.6	126.4	120.5	88.5	87.7	117.8	508.5	287.7	337.5
7:37:00	3:16:20	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.3	116.6	119.8	126.4	120.5	88.5	87.7	117.8	508.5	287.7	337.5
7:38:00	3:17:20	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	115.9	117.3	126.3	120.4	88.5	87.7	117.8	508.5	287.7	337.5
7:39:00	3:18:20	28.8	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.8	117.2	115.6	116.2	126.3	120.4	88.5	87.8	117.8	508.5	287.7	337.5
7:40:00	3:19:20	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.2	119.9	132.5	126.3	120.3	88.6	87.8	117.8	508.5	287.7	337.4
7:41:00	3:20:20	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	118.0	118.0	117.5	123.0	140.9	126.2	120.3	88.6	87.8	117.8	508.5	287.6	337.4
	CHILLED WATER PRESSURE ALARM RESET					07/01/2015 14:58:06																		
7:41:12	3:20:31	28.9	28.7	29.8	62.1	83.0	118.2	117.9	118.6	118.2	118.1	118.1	117.5	122.7	138.5	126.2	120.3	88.6	87.8	117.8	508.5	287.7	337.5
7:42:00	3:21:20	28.9	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.2	117.6	118.5	124.4	126.1	120.2	88.6	87.8	117.8	508.5	287.7	337.4
7:43:00	3:22:20	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.2	117.6	116.6	117.6	126.1	120.1	88.6	87.7	117.8	508.5	287.6	337.5
7:44:00	3:23:20	28.9	28.7	29.7	62.5	83.5	118.3	117.9	118.7	118.3	118.1	118.2	117.6	116.2	116.6	126.1	120.1	88.6	87.8	117.8	508.5	287.7	337.5
7:45:01	3:24:20	28.9	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.5	115.9	116.2	126.1	120.1	88.6	87.9	117.8	508.5	287.7	337.5
7:46:01	3:25:20	28.9	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.4	115.6	115.9	126.0	120.1	88.7	87.8	117.8	508.5	287.7	337.5
7:47:01	3:26:21	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.3	115.6	126.0	120.0	88.6	87.9	117.8	508.5	287.7	337.5
7:48:01	3:27:21	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.2	115.4	126.0	120.0	88.7	87.9	117.7	508.5	287.7	336.0
7:49:01	3:28:21	28.8	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.6	117.8	117.2	118.1	127.5	126.0	119.9	88.7	88.0	117.8	508.5	287.7	336.0
7:50:01	3:29:21	28.9	28.7	29.8	62.5	83.9	118.1	117.7	118.5	118.1	117.8	118.0	117.3	122.2	139.3	125.9	119.9	88.7	87.9	117.8	508.5	287.7	335.9
7:51:01	3:30:21	28.9	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.1	118.1	117.5	118.1	124.1	125.8	119.8	88.7	88.0	117.8	508.5	287.7	337.5
7:52:01	3:31:21	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.6	118.2	118.0	118.1	117.5	116.4	117.7	125.8	119.8	88.8	88.0	117.8	508.5	287.7	336.0
7:53:01	3:32:21	28.9	28.7	29.7	62.5	83.6	118.2	117.8	118.7	118.2	117.9	118.1	117.5	116.0	116.5	125.8	119.8	88.8	88.1	117.8	508.5	287.6	336.0
7:54:02	3:33:21	28.9	28.7	29.7	62.5	84.0	118.1	117.6	118.6	118.0	117.9	118.0	117.4	115.8	115.9	125.7	119.8	88.8	88.0	117.7	508.5	287.6	336.0
7:55:02	3:34:21	28.9	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	115.4	115.7	125.7	119.6	88.8	88.1	117.8	508.5	287.7	336.0
7:56:02	3:35:22	28.8	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.3	115.2	115.4	125.6	119.6	88.9	88.1	117.7	508.4	287.7	336.0
7:57:02	3:36:22	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	119.7	131.0	125.7	119.6	88.9	88.1	117.7	508.5	287.7	336.0
7:58:02	3:37:22	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.1	121.7	125.6	119.5	88.9	88.1	117.7	508.5	287.6	336.0
7:59:02	3:38:22	28.8	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.2	116.1	117.9	125.6	119.5	88.9	88.2	117.7	508.5	287.7	335.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000372

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

8:00:02	3:39:22	28.8	28.7	29.7	62.5	84.2	118.0	117.5	118.4	118.0	117.7	117.9	117.3	115.6	116.5	125.5	119.4	88.9	88.1	117.7	508.5	287.7	336.0
8:01:02	3:40:22	28.8	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.8	117.2	118.5	127.8	125.5	119.4	89.0	88.2	117.7	508.5	287.7	336.0
8:02:02	3:41:22	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	118.3	125.2	125.5	119.4	89.0	88.2	117.6	508.5	287.7	336.0
8:03:02	3:42:22	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.9	118.0	117.3	116.6	119.4	125.4	119.3	89.0	88.2	117.7	508.5	287.7	336.0
8:04:03	3:43:22	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.1	117.3	125.4	119.3	89.0	88.3	117.7	508.5	287.7	336.0
8:05:03	3:44:22	28.9	28.7	29.7	62.1	83.5	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	116.3	125.3	119.2	89.0	88.3	117.7	508.5	287.7	336.0
8:06:03	3:45:22	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.8	117.2	118.0	126.2	125.4	119.2	89.0	88.4	117.7	508.5	287.7	334.5
8:07:03	3:46:23	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.4	118.0	117.8	117.9	117.3	118.1	124.8	125.3	119.1	89.0	88.3	117.6	508.5	287.7	336.0
8:08:03	3:47:23	28.9	28.7	29.7	62.1	83.5	118.0	117.6	118.5	118.0	117.7	117.9	117.3	116.5	119.2	125.2	119.1	89.0	88.3	117.6	508.5	287.7	334.5
8:09:03	3:48:23	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	117.9	117.3	116.0	117.2	125.2	119.1	89.1	88.3	117.6	508.5	287.7	334.4
8:10:03	3:49:23	28.9	28.7	29.7	62.1	83.7	117.9	117.5	118.4	117.9	117.7	117.8	117.2	119.4	130.3	125.1	119.1	89.2	88.4	117.6	508.5	287.7	334.4
8:11:03	3:50:23	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.8	122.9	125.1	119.0	89.2	88.3	117.6	508.5	287.7	334.5
8:12:03	3:51:23	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.9	118.0	117.3	116.6	118.7	125.1	121.4	89.2	88.4	119.8	508.5	287.7	334.5
8:13:03	3:52:23	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	116.0	117.0	125.1	122.6	89.1	88.4	118.2	508.5	287.7	334.4
8:14:04	3:53:23	28.9	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	116.3	125.0	122.6	89.2	88.4	118.2	508.5	287.7	334.4
8:15:04	3:54:23	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	115.3	115.8	125.0	122.6	89.2	88.5	118.2	508.5	287.6	334.5
8:16:04	3:55:24	28.9	28.7	29.7	62.5	84.4	117.9	117.4	118.4	117.9	117.7	117.8	117.2	119.7	130.6	124.9	122.6	89.2	88.4	118.1	508.5	287.7	334.5
8:17:04	3:56:24	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	118.5	127.7	124.9	122.6	89.2	88.5	118.2	508.5	287.7	334.5
8:18:04	3:57:24	28.9	28.7	29.7	62.5	83.8	118.1	117.8	118.6	118.0	118.0	118.0	117.4	122.7	139.7	124.9	122.5	89.2	88.5	118.2	508.4	287.6	334.5
8:19:04	3:58:24	28.9	28.7	29.7	62.5	83.4	118.3	118.0	118.8	118.2	118.3	118.3	117.6	118.8	124.8	124.8	122.5	89.2	88.5	118.3	508.5	287.7	334.5
8:20:04	3:59:24	28.9	28.7	29.7	62.5	83.4	118.3	117.9	118.8	118.3	118.3	118.2	117.6	116.7	117.7	124.8	122.4	89.2	88.5	118.3	508.5	287.7	334.5
8:21:04	4:00:24	28.9	28.7	29.7	62.5	83.5	118.3	117.9	118.8	118.2	118.0	118.1	117.5	116.4	116.6	124.8	122.4	89.2	88.5	118.3	508.5	287.7	331.5
8:22:04	4:01:24	28.9	28.7	29.7	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.5	116.1	116.3	124.8	122.3	89.2	88.5	118.3	508.5	287.7	331.5
8:23:05	4:02:24	28.9	28.7	29.7	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.0	117.4	115.8	116.0	124.7	122.2	89.2	88.5	118.3	508.5	287.7	334.4
8:24:05	4:03:24	28.9	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.4	115.6	115.7	124.6	122.2	89.2	88.5	118.2	508.5	287.7	331.4
8:25:05	4:04:24	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.8	117.2	115.2	115.4	124.6	122.2	89.2	88.5	118.2	508.5	287.6	331.5
8:26:05	4:05:25	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.3	119.5	130.8	124.6	122.1	89.3	88.5	118.2	508.5	287.7	331.4
8:27:05	4:06:25	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	117.5	122.5	124.5	122.0	89.3	88.5	118.2	508.5	287.7	331.5
8:28:05	4:07:25	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.2	118.3	124.5	121.9	89.3	88.5	118.2	508.5	287.7	331.4
8:29:05	4:08:25	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	117.9	117.3	115.8	116.7	124.4	121.9	89.2	88.5	118.2	508.5	287.7	331.4
8:30:05	4:09:25	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	116.7	122.3	124.5	121.9	89.3	88.4	118.2	508.5	287.7	331.5
8:31:05	4:10:25	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	117.9	117.3	118.8	126.8	124.4	121.8	89.3	88.4	118.2	508.5	287.7	331.4
8:32:05	4:11:25	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	117.9	117.3	116.7	119.8	124.3	121.7	89.2	88.4	118.1	508.5	287.6	331.4
8:33:06	4:12:25	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.0	117.3	124.3	121.7	89.2	88.4	118.2	508.5	287.7	331.4
8:34:06	4:13:25	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.8	117.2	116.0	119.4	124.2	121.7	89.3	88.4	118.1	508.5	287.7	331.5
8:35:06	4:14:25	28.9	28.7	29.7	62.5	84.2	118.0	117.6	118.5	117.9	117.8	117.9	117.2	121.5	136.7	124.2	121.7	89.3	88.4	118.1	508.5	287.7	331.5
8:36:06	4:15:26	28.9	28.7	29.7	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.1	117.5	121.4	133.6	124.1	121.6	89.2	88.5	118.2	508.5	287.7	331.5
8:37:06	4:16:26	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.6	117.4	120.3	124.1	121.5	89.2	88.4	118.2	508.5	287.7	331.4
8:38:06	4:17:26	28.9	28.7	29.7	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.2	117.6	116.5	117.0	124.0	121.5	89.2	88.5	118.2	508.5	287.7	331.5
8:39:06	4:18:26	28.9	28.7	29.7	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.2	117.5	116.2	116.4	124.0	121.4	89.2	88.4	118.1	508.5	287.7	331.5
8:40:06	4:19:26	28.9	28.7	29.7	62.5	83.6	118.2	117.8	118.7	118.2	117.9	118.1	117.5	115.9	116.1	124.0	121.3	89.2	88.5	118.2	508.5	287.7	331.5
8:41:06	4:20:26	28.9	28.7	29.7	62.5	83.9	118.1	117.6	118.6	118.1	117.9	118.0	117.4	115.6	115.8	127.1	121.3	89.2	88.4	118.2	508.5	287.7	331.5
8:42:06	4:21:26	28.9	28.7	29.7	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	115.3	115.5	128.1	121.3	89.2	88.4	118.1	508.5	287.7	331.5
8:43:07	4:22:26	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.8	117.2	115.2	115.2	128.2	121.2	89.2	88.4	118.1	508.5	287.7	331.4
8:44:07	4:23:26	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.8	117.2	119.7	131.1	128.1	121.1	89.2	88.5	118.1	508.5	287.7	331.5
8:45:07	4:24:26	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	117.9	117.3	117.2	121.8	128.0	121.1	89.2	88.4	118.1	508.4	287.7	331.5
8:46:07	4:25:27	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	117.9	117.3	116.1	118.0	128.2	121.1	89.2	88.5	118.1	508.5	287.7	331.4
8:47:07	4:26:27	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	116.0	119.8	128.0	121.0	89.2	88.4	118.1	508.5	287.7	331.4
8:48:07	4:27:27	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	117.9	117.3	119.1	127.5	128.0	121.0	89.2	88.4	118.0	508.5	287.6	331.4
8:49:07	4:28:27	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.4	116.9	120.2	127.9	120.9	89.2	88.4	118.0	508.5	287.7	331.4
8:50:07	4:29:27	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.1	117.5	128.0	120.9	89.1	88.4	118.0	508.5	287.7	331.5
8:51:07	4:30:27	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.8	116.4	128.0	120.9	89.2	88.4	117.8	508.5	287.7	330.0
8:52:07	4:31:27	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	119.6	130.6	128.0	120.8	89.1	88.4	118.0	508.5	287.7	331.5
8:53:08	4:32:27	28.9	28.7	29.7	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.6	122.3	127.9	120.8	89.1	88.4	118.0	508.5	287.7	331.5
8:54:08	4:33:27	28.9	28.7	29.7	62.5	84.2	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.4	118.3	127.9	120.7	89.1	88.4	117.8	508.5	287.7	331.5
8:55:08	4:34:27	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	117.9	117.3	115.9	116.8	127.9	120.7	89.1	88.5	117.8	508.5	287.6	331.5
8:56:08	4:35:28	28.9	28.7	29.7	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	115.6	116.1	127.9	120.6	89.1	88.4	117.8	508.5	287.7	331.4
8:57:08	4:36:28	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	119.6	129.7	127.8	120.5	89.0	88.4	117.8	508.5	287.7	331.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000373

8:58:08	4:37:28	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	117.9	117.3	117.1	121.1	127.7	120.5	89.1	88.5	117.8	508.5	287.7	330.0
8:59:08	4:38:28	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.2	117.8	127.7	120.4	89.0	88.4	117.8	508.5	287.7	330.0
9:00:08	4:39:29	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	115.8	116.6	127.7	120.4	89.1	88.4	117.8	508.5	287.7	329.9
9:01:08	4:40:28	28.9	28.7	29.7	62.5	84.4	117.9	117.4	118.4	117.8	117.6	117.9	117.2	118.3	127.4	127.6	120.3	89.0	88.4	117.8	508.5	287.7	329.9
9:02:08	4:41:28	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	118.0	124.2	127.5	120.3	89.1	88.4	117.8	508.5	287.7	331.4
9:03:08	4:42:28	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.6	119.0	127.5	120.3	89.0	88.4	117.8	508.5	287.7	330.0
9:04:09	4:43:28	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.9	117.0	127.5	120.2	89.0	88.4	117.8	508.5	287.7	330.0
9:05:09	4:44:28	28.9	28.7	29.7	62.5	84.4	117.9	117.5	118.4	117.8	117.6	117.8	117.2	117.5	124.8	127.5	120.1	89.0	88.4	117.8	508.5	287.7	330.0
9:06:09	4:45:29	28.9	28.7	29.7	62.5	84.0	118.0	117.6	118.5	118.0	117.8	118.0	117.3	118.5	125.6	127.4	120.1	89.0	88.4	117.8	508.5	287.7	329.9
9:07:09	4:46:29	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.8	119.5	127.4	120.1	89.0	88.4	117.8	508.5	287.7	329.9
9:08:09	4:47:29	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	117.9	117.3	116.1	117.3	127.3	120.0	89.0	88.3	117.7	508.5	287.6	330.0
9:09:09	4:48:29	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.6	117.0	127.3	120.0	88.9	88.3	117.7	508.5	287.7	330.0
9:10:09	4:49:29	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	120.5	132.6	127.3	119.9	88.9	88.4	117.7	508.5	287.7	330.0
9:11:09	4:50:29	28.9	28.7	29.7	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.0	117.4	117.7	122.5	127.2	119.8	88.9	88.4	117.7	508.5	287.7	330.0
9:12:09	4:51:29	28.9	28.7	29.7	62.5	83.8	118.2	117.8	118.6	118.1	117.9	118.0	117.4	116.6	118.6	127.2	119.8	89.0	88.3	117.7	508.5	287.6	330.0
9:13:10	4:52:29	28.9	28.7	29.7	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.0	117.4	116.1	117.0	127.2	119.8	88.9	88.3	117.7	508.5	287.7	330.0
9:14:10	4:53:29	28.9	28.7	29.7	62.5	84.2	118.0	117.6	118.5	117.9	117.7	117.9	117.3	115.8	116.3	127.1	119.7	88.9	88.3	117.6	508.5	287.7	330.0
9:15:10	4:54:30	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.3	115.8	127.1	119.7	88.9	88.4	117.6	508.4	287.7	330.0
9:16:10	4:55:30	28.9	28.7	29.7	62.5	84.4	117.9	117.4	118.4	117.8	117.6	117.9	117.2	118.7	128.8	127.1	119.6	88.9	88.3	117.6	508.5	287.7	329.9
9:17:10	4:56:30	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	117.7	123.6	127.1	119.6	88.9	88.3	117.6	508.5	287.7	330.0
9:18:10	4:57:30	28.9	28.7	29.7	62.5	84.2	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.4	118.6	127.0	119.5	88.9	88.3	117.6	508.5	287.7	330.0
9:19:10	4:58:30	28.9	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.8	116.9	127.0	119.5	88.9	88.3	117.6	508.5	287.7	330.0
9:20:10	4:59:30	28.9	28.7	29.7	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.8	117.2	118.4	127.7	127.1	119.5	88.9	88.3	117.6	508.5	287.7	329.9
9:21:10	5:00:30	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	118.0	124.1	126.9	119.4	88.9	88.3	117.6	508.5	287.6	329.9
9:22:10	5:01:30	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.5	118.9	126.8	119.4	88.9	88.2	117.5	508.5	287.7	329.9
9:23:11	5:02:30	28.9	28.7	29.7	62.5	84.1	118.0	117.6	118.5	117.9	117.8	117.9	117.3	115.9	117.0	126.9	119.4	88.9	88.3	117.5	508.5	287.7	330.0
9:24:11	5:03:30	28.8	28.7	29.7	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.3	127.3	126.8	119.3	88.8	88.3	117.5	508.5	287.7	330.0
9:25:11	5:04:30	28.9	28.7	29.7	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.0	117.4	122.5	139.6	126.8	119.2	88.8	88.3	117.5	508.5	287.7	329.8
9:26:11	5:05:31	28.9	28.7	29.7	62.5	83.3	118.4	118.2	118.8	118.2	118.3	118.3	117.6	120.1	129.1	126.7	119.2	88.8	88.3	117.5	508.5	287.7	330.0
9:27:11	5:06:31	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.7	117.0	118.7	126.7	119.1	88.8	88.3	117.5	508.5	287.6	330.0
9:28:11	5:07:31	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.3	117.6	116.4	116.7	126.7	119.1	88.8	88.3	117.5	508.5	287.7	330.0
9:29:11	5:08:31	28.9	28.7	29.7	62.5	83.5	118.3	117.9	118.7	118.2	118.1	118.2	117.6	116.1	116.3	126.6	119.0	88.8	88.3	117.5	508.5	287.7	329.9
9:30:11	5:09:31	28.9	28.7	29.7	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.2	117.5	115.9	116.1	126.6	119.1	88.8	88.3	117.5	508.5	287.7	329.9
9:31:11	5:10:31	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.5	115.6	115.8	126.6	120.6	88.8	88.2	119.2	508.5	287.7	330.0
9:32:11	5:11:31	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	118.0	117.3	115.3	115.5	126.5	122.6	88.7	88.2	117.8	508.5	287.7	328.5
9:33:12	5:12:31	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.3	115.0	115.2	126.5	122.6	88.7	88.2	117.8	508.5	287.7	328.5
9:34:12	5:13:31	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	120.3	134.0	126.5	122.6	88.7	88.2	117.8	508.5	287.7	328.4
9:35:12	5:14:31	28.9	28.7	29.8	62.5	83.7	118.2	117.8	118.7	118.1	118.0	118.1	117.5	122.9	140.3	126.5	122.6	88.7	88.3	117.8	508.5	287.6	328.4
9:36:12	5:15:32	28.9	28.7	29.8	62.5	83.4	118.3	118.0	118.8	118.2	118.3	118.3	117.7	118.2	123.4	126.4	122.5	88.7	88.3	118.0	508.5	287.7	328.5
9:37:12	5:16:32	28.9	28.7	29.7	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.3	117.6	116.5	117.4	126.4	122.5	88.7	88.2	118.0	508.5	287.7	328.5
9:38:12	5:17:32	28.9	28.7	29.7	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.3	117.6	116.2	116.4	126.3	122.5	88.7	88.2	118.0	508.5	287.6	328.4
9:39:12	5:18:32	28.9	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.6	115.9	116.1	126.3	122.4	88.7	88.2	118.0	508.5	287.7	328.4
9:40:12	5:19:32	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.5	115.6	115.8	126.3	122.4	88.7	88.2	118.0	508.5	287.7	328.5
9:41:12	5:20:32	28.9	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.1	117.5	115.3	115.5	126.3	122.3	88.7	88.2	118.0	508.5	287.7	328.5
9:42:12	5:21:32	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.0	115.2	126.3	122.3	88.7	88.2	118.0	508.5	287.7	327.0
9:43:13	5:22:32	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.3	118.8	129.8	126.1	122.1	88.6	88.1	117.8	508.5	287.7	327.0
9:44:13	5:23:32	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	117.8	124.1	126.1	122.2	88.7	88.2	118.0	508.5	287.7	328.5
9:45:13	5:24:32	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	116.3	118.7	126.1	122.1	88.7	88.2	118.0	508.5	287.7	327.0
9:46:13	5:25:33	28.9	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.8	116.8	126.1	122.0	88.7	88.2	118.0	508.5	287.7	327.0
9:47:13	5:26:33	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.3	115.9	126.0	122.0	88.7	88.1	117.8	508.5	287.7	327.0
9:48:13	5:27:33	28.9	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.3	119.7	130.5	126.0	121.9	88.7	88.2	117.8	508.5	287.7	326.9
9:49:13	5:28:33	28.9	28.7	29.8	62.5	84.0	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.1	121.4	126.0	121.9	88.7	88.1	118.0	508.5	287.7	326.9
9:50:13	5:29:33	28.9	28.7	29.8	62.1	83.4	118.0	117.6	118.5	118.0	117.8	118.0	117.4	116.1	117.9	126.0	121.8	88.6	88.1	117.8	508.5	287.7	326.9
9:51:13	5:30:33	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.6	116.5	126.0	121.8	88.6	88.1	117.8	508.5	287.7	326.9
9:52:13	5:31:33	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.2	127.3	125.9	121.7	88.6	88.1	117.8	508.5	287.7	326.9
9:53:14	5:32:33	28.9	28.7	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.1	117.4	122.3	139.5	125.8	121.7	88.6	88.1	117.8	508.5	287.7	326.9
9:54:14	5:33:33	28.9	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.6	119.1	126.6	125.9	121.7	88.6	88.1	118.0	508.5	287.7	326.9
9:55:14	5:34:33	28.9	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.1	118.3	117.6	116.6	118.0	125.9	121.5	88.6	88.1	118.0	508.5	287.6	326.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000374

9:56:14	5:35:34	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.3	117.6	116.2	116.6	125.8	121.5	88.6	88.1	117.8	508.5	287.7	327.0
9:57:14	5:36:34	28.9	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.2	117.6	115.9	116.2	125.7	121.5	88.6	88.1	117.8	508.4	287.7	327.0
9:58:14	5:37:34	28.9	28.7	29.8	62.5	83.7	118.2	117.7	118.7	118.2	117.9	118.1	117.5	115.6	115.8	125.7	121.4	88.6	88.1	117.8	508.5	287.7	327.0
9:59:14	5:38:34	28.9	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	115.3	115.5	125.7	121.4	88.6	88.1	117.8	508.4	287.6	327.0
10:00:14	5:39:34	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.3	115.0	115.2	125.7	121.3	88.6	88.1	117.8	508.5	287.6	327.0
10:01:14	5:40:34	28.9	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	119.6	131.2	125.7	121.3	88.6	88.1	117.8	508.5	287.7	327.0
10:02:14	5:41:34	28.9	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.1	117.4	117.2	122.1	125.6	121.2	88.5	88.1	117.8	508.5	287.7	327.0
10:03:15	5:42:34	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.9	118.1	117.5	116.1	118.0	125.6	121.1	88.5	88.1	117.8	508.5	287.7	326.9
10:04:15	5:43:34	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.6	116.5	125.6	121.2	88.5	88.1	117.8	508.5	287.7	327.0
10:05:15	5:44:35	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.3	115.2	115.7	125.6	121.1	88.5	88.1	117.8	508.5	287.7	327.0
10:06:15	5:45:35	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	119.5	131.1	125.5	121.1	88.5	88.0	117.8	508.5	287.7	327.0
10:07:15	5:46:35	28.9	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	117.3	122.4	125.5	121.0	88.5	88.1	117.8	508.5	287.7	326.9
10:08:15	5:47:35	28.9	28.7	29.8	62.5	84.0	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.2	118.2	125.5	121.0	88.5	88.1	117.8	508.5	287.7	326.9
10:09:15	5:48:35	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.6	116.6	125.4	121.0	88.5	88.1	117.8	508.5	287.6	327.0
10:10:15	5:49:35	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.3	115.8	125.3	120.9	88.5	88.0	117.7	508.4	287.7	327.0
10:11:15	5:50:35	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.2	119.6	130.7	125.3	120.8	88.4	88.1	117.7	508.5	287.7	327.0
10:12:15	5:51:35	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	117.1	121.5	125.3	120.8	88.4	88.0	117.7	508.5	287.7	327.0
10:13:16	5:52:35	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.1	117.9	125.2	120.7	88.4	88.0	117.7	508.5	287.7	327.0
10:14:16	5:53:35	28.8	28.7	29.8	62.5	84.4	117.9	117.4	118.4	117.8	117.6	117.9	117.3	115.6	117.4	125.2	120.7	88.4	88.0	117.7	508.5	287.7	327.0
10:15:16	5:54:36	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	121.0	135.6	125.2	120.7	88.4	88.0	117.6	508.5	287.6	327.0
10:16:16	5:55:36	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.2	117.5	122.4	136.8	125.2	120.6	88.4	88.0	117.7	508.5	287.7	326.9
10:17:16	5:56:36	28.9	28.7	29.8	62.5	83.3	118.4	118.2	118.8	118.3	118.3	118.3	117.6	117.8	121.6	125.1	120.6	88.4	88.0	117.7	508.5	287.7	327.0
10:18:16	5:57:36	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.3	118.3	117.6	116.5	117.1	125.2	120.5	88.4	88.1	117.7	508.5	287.6	327.0
10:19:16	5:58:36	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.2	117.6	116.2	116.4	125.0	120.5	88.4	88.0	117.6	508.5	287.7	327.0
10:20:16	5:59:36	28.9	28.7	29.8	62.5	83.5	118.3	117.8	118.8	118.2	118.0	118.1	117.5	115.9	116.1	125.0	120.4	88.4	88.0	117.6	508.5	287.7	327.0
10:21:16	6:00:36	28.9	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.5	115.6	115.7	125.0	120.4	88.3	88.0	117.6	508.5	287.7	327.0
10:22:16	6:01:36	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	115.3	115.5	124.9	120.4	88.4	88.0	117.6	508.5	287.7	326.9
10:23:17	6:02:36	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.0	115.2	124.9	120.2	88.3	88.0	117.5	508.5	287.7	327.0
10:24:17	6:03:36	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	117.5	125.8	124.9	120.2	88.3	88.0	117.5	508.5	287.7	327.0
10:25:17	6:04:37	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	118.1	125.6	124.9	120.1	88.3	88.0	117.6	508.5	287.7	327.0
10:26:17	6:05:37	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.3	116.4	119.2	124.9	120.1	88.3	88.0	117.5	508.5	287.7	327.0
10:27:17	6:06:37	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	118.0	117.3	115.8	116.9	124.8	120.1	88.3	88.0	117.5	508.5	287.7	326.9
10:28:17	6:07:37	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	115.3	115.9	124.7	120.0	88.3	88.0	117.4	508.5	287.7	327.0
10:29:17	6:08:37	28.8	28.7	29.8	62.5	84.4	117.9	117.4	118.4	117.8	117.6	117.8	117.2	119.8	131.6	124.6	120.0	88.3	88.0	117.4	508.5	287.6	327.0
10:30:17	6:09:37	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.3	122.2	124.6	120.0	88.3	88.0	117.4	508.5	287.7	327.0
10:31:17	6:10:37	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.2	118.1	124.6	119.9	88.3	88.0	117.4	508.5	287.7	327.0
10:32:18	6:11:37	28.8	28.7	29.8	62.6	84.2	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	116.6	124.7	119.8	88.3	88.0	117.4	508.5	287.7	327.0
10:33:18	6:12:37	28.8	28.7	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	118.0	117.3	118.6	128.4	124.6	119.8	88.3	88.0	117.4	508.5	287.7	327.0
10:34:18	6:13:37	28.8	28.7	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.1	117.4	122.4	139.8	124.5	119.7	88.2	88.0	117.4	508.4	287.7	327.0
10:35:18	6:14:38	28.9	28.7	29.8	62.5	83.4	118.3	118.0	118.8	118.2	118.3	118.3	117.6	119.1	126.5	124.5	119.7	88.2	88.0	117.4	508.5	287.7	327.0
10:36:18	6:15:38	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.3	118.3	117.6	116.6	117.9	124.4	119.6	88.2	88.0	117.4	508.5	287.7	327.0
10:37:18	6:16:38	28.9	28.7	29.8	62.5	83.4	118.3	117.9	118.8	118.2	118.1	118.2	117.6	116.2	116.5	124.4	119.6	88.2	87.9	117.3	508.5	287.7	327.0
10:38:18	6:17:38	28.8	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.5	115.9	116.1	124.4	119.5	88.2	88.0	117.3	508.5	287.6	327.0
10:39:18	6:18:38	28.8	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.4	115.6	115.8	124.4	119.5	88.2	88.0	117.3	508.5	287.6	327.0
10:40:18	6:19:38	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.3	115.5	124.3	119.5	88.2	87.9	117.3	508.5	287.7	326.9
10:41:18	6:20:38	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.0	115.2	124.3	119.4	88.2	88.0	117.3	508.5	287.7	326.9
10:42:19	6:21:38	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.3	118.2	127.5	124.3	119.4	88.2	88.0	117.3	508.5	287.7	325.5
10:43:19	6:22:38	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	117.9	124.5	124.1	119.3	88.1	88.0	117.3	508.5	287.6	325.5
10:44:19	6:23:38	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.3	118.8	124.2	119.3	88.2	88.0	117.2	508.5	287.7	325.4
10:45:19	6:24:39	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.6	116.7	124.1	119.2	88.1	87.9	117.2	508.5	287.6	325.4
10:46:19	6:25:39	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.2	118.0	126.6	124.1	119.2	88.2	88.0	117.2	508.5	287.7	325.5
10:47:19	6:26:39	28.8	28.7	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.0	117.4	122.1	139.2	124.0	119.1	88.0	87.9	117.2	508.5	287.7	325.5
10:48:19	6:27:39	28.8	28.7	29.8	62.5	83.5	118.3	117.9	118.7	118.2	118.3	118.2	117.6	118.9	125.9	126.1	119.1	88.1	88.0	117.2	508.5	287.7	325.5
10:49:19	6:28:39	28.8	28.7	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.3	117.6	116.5	118.0	128.1	119.1	88.1	87.9	117.2	508.5	287.6	325.5
10:50:19	6:29:39	28.9	28.7	29.8	62.5	83.5	118.3	117.8	118.8	118.2	118.0	118.2	117.6	116.1	116.6	128.3	119.0	88.1	87.9	117.2	508.5	287.7	325.4
10:51:19	6:30:39	28.8	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.5	115.8	116.0	128.2	121.5	88.0	87.9	119.3	508.5	287.7	325.5
10:52:20	6:31:39	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.6	115.7	128.1	122.7	88.1	87.9	117.7	508.5	287.7	325.5
10:53:20	6:32:39	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.6	118.0	117.7	118.0	117.3	115.2	115.4	128.2	122.7	88.0	87.9	117.7	508.5	287.7	325.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000375

10:54:20	6:33:39	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	116.5	121.9	128.2	122.7	88.1	88.0	117.7	508.5	287.7	325.5
10:55:20	6:34:40	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	121.4	137.3	128.0	122.6	88.0	87.9	117.6	508.5	287.7	325.4
10:56:20	6:35:40	28.9	28.7	29.8	62.5	83.5	118.3	117.9	118.7	118.2	118.1	118.2	117.5	120.6	131.5	128.1	122.6	88.0	87.9	117.7	508.4	287.7	325.5
10:57:20	6:36:40	28.8	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.6	116.9	119.4	128.1	122.6	88.0	87.9	117.7	508.5	287.7	325.5
10:58:20	6:37:40	28.8	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.2	117.6	116.2	116.8	128.0	122.5	88.0	87.9	117.8	508.5	287.7	325.5
10:59:20	6:38:40	28.8	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	117.9	118.1	117.5	115.9	116.2	127.9	122.5	88.0	87.9	117.7	508.5	287.7	325.4
11:00:20	6:39:40	28.8	28.7	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.9	118.1	117.5	115.6	115.8	128.0	122.4	88.0	87.9	117.8	508.5	287.7	325.5
11:01:20	6:40:40	28.8	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.1	117.4	115.3	115.5	128.0	122.3	88.0	87.9	117.7	508.5	287.7	325.5
11:02:21	6:41:40	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.6	117.9	117.3	115.0	115.2	128.0	122.3	88.0	87.9	117.7	508.5	287.7	325.5
11:03:21	6:42:40	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.9	130.1	127.9	122.2	88.0	87.9	117.7	508.5	287.7	325.5
11:04:21	6:43:40	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	117.5	123.3	127.9	122.1	88.0	87.9	117.8	508.5	287.6	325.5
11:05:21	6:44:41	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.2	118.4	127.8	122.0	88.0	88.0	117.7	508.5	287.7	325.5
11:06:21	6:45:41	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.6	116.6	127.8	122.0	88.0	87.9	117.7	508.5	287.6	324.0
11:07:21	6:46:41	28.8	28.6	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.6	117.9	117.3	115.4	117.7	127.8	122.0	88.0	87.9	117.7	508.5	287.7	324.0
11:08:21	6:47:41	28.8	28.6	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.7	117.9	117.3	119.3	128.8	127.7	122.0	87.9	87.9	117.6	508.5	287.7	324.0
11:09:21	6:48:41	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.9	120.5	127.7	121.9	88.0	87.9	117.7	508.5	287.7	324.0
11:10:21	6:49:41	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	116.0	117.6	127.7	121.9	88.0	87.9	117.8	508.5	287.7	324.0
11:11:21	6:50:41	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.6	116.3	127.6	121.8	88.0	87.9	117.7	508.5	287.7	324.0
11:12:22	6:51:41	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.4	128.1	127.6	121.8	88.0	87.9	117.7	508.5	287.7	324.0
11:13:22	6:52:41	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	118.1	124.7	127.6	121.7	88.0	87.9	117.7	508.5	287.7	324.0
11:14:22	6:53:41	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.5	119.1	127.5	121.6	88.0	87.9	117.7	508.5	287.7	323.9
11:15:22	6:54:42	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	115.9	117.0	127.5	121.6	87.9	87.9	117.7	508.5	287.7	324.0
11:16:22	6:55:42	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.4	116.0	127.4	121.5	87.9	87.9	117.6	508.5	287.7	324.0
11:17:22	6:56:42	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	119.0	129.9	127.4	121.5	87.9	87.9	117.7	508.5	287.6	323.9
11:18:22	6:57:42	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.7	123.2	127.4	121.4	88.0	88.0	117.7	508.5	287.6	323.9
11:19:22	6:58:42	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.3	118.5	127.3	121.3	87.9	88.0	117.7	508.5	287.7	324.0
11:20:22	6:59:42	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.7	118.0	117.3	115.8	116.7	127.3	121.3	88.0	88.0	117.7	508.5	287.7	324.0
11:21:22	7:00:42	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.3	115.9	127.2	121.3	88.0	88.0	117.6	508.5	287.6	324.0
11:22:22	7:01:42	28.8	28.6	29.8	62.5	84.4	117.9	117.4	118.4	117.8	117.5	117.8	117.1	115.9	120.3	127.2	121.2	87.9	88.0	117.6	508.5	287.7	324.0
11:23:23	7:02:42	28.8	28.6	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.7	117.9	117.2	118.9	127.7	127.2	121.1	87.9	88.0	117.6	508.5	287.7	324.0
11:24:23	7:03:42	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.6	120.0	127.1	121.1	87.9	88.0	117.6	508.5	287.7	324.0
11:25:23	7:04:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.8	117.2	127.1	121.1	87.9	88.0	117.6	508.5	287.7	324.0
11:26:23	7:05:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	119.2	130.0	127.1	121.0	87.9	88.0	117.6	508.4	287.6	324.0
11:27:23	7:06:43	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.6	117.9	117.8	118.0	117.3	117.7	123.0	127.0	121.0	87.9	88.0	117.6	508.5	287.7	324.0
11:28:23	7:07:43	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.4	116.4	118.5	127.1	120.9	87.9	88.0	117.6	508.5	287.7	323.9
11:29:23	7:08:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.8	116.8	127.0	120.9	87.9	88.1	117.6	508.5	287.6	323.9
11:30:23	7:09:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.6	116.0	126.9	120.9	88.0	88.1	117.6	508.5	287.7	324.0
11:31:23	7:10:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	119.6	130.8	126.9	120.8	88.0	88.1	117.5	508.5	287.6	324.0
11:32:23	7:11:43	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	117.4	122.3	126.9	120.7	87.9	88.1	117.6	508.5	287.7	323.9
11:33:24	7:12:43	28.8	28.6	29.8	62.5	84.0	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.3	118.2	126.9	120.7	88.0	88.1	117.6	508.5	287.7	323.9
11:34:24	7:13:43	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.8	116.6	126.7	120.6	88.0	88.1	117.5	508.5	287.7	324.0
11:35:24	7:14:44	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.6	118.3	126.8	120.7	88.0	88.1	117.5	508.5	287.7	324.0
11:36:24	7:15:44	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	121.1	136.1	126.7	120.6	88.0	88.1	117.4	508.5	287.7	323.9
11:37:24	7:16:44	28.8	28.7	29.8	62.5	83.6	118.2	117.9	118.7	118.1	118.1	118.1	117.4	122.9	139.2	126.7	120.5	88.0	88.1	117.5	508.4	287.7	324.0
11:38:24	7:17:44	28.8	28.7	29.8	62.5	83.2	118.4	118.2	118.9	118.3	118.3	118.3	117.6	118.2	122.8	126.8	120.5	88.0	88.1	117.5	508.5	287.7	324.0
11:39:24	7:18:44	28.8	28.7	29.8	62.5	83.3	118.4	118.0	118.8	118.3	118.3	118.3	117.6	116.6	117.3	126.7	120.4	87.9	88.1	117.5	508.5	287.7	324.0
11:40:24	7:19:44	28.8	28.7	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.1	118.3	117.6	116.3	116.5	126.7	120.4	88.0	88.1	117.5	508.4	287.7	324.0
11:41:24	7:20:44	28.8	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.1	118.2	117.6	116.0	116.2	126.5	120.3	87.9	88.0	117.4	508.5	287.7	324.0
11:42:24	7:21:44	28.8	28.7	29.8	62.5	83.8	118.2	117.7	118.7	118.1	118.0	118.1	117.5	115.8	115.9	126.5	120.3	88.0	88.1	117.5	508.5	287.7	323.9
11:43:25	7:22:44	28.8	28.7	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.9	118.0	117.4	115.4	115.6	126.5	120.2	88.0	88.1	117.4	508.5	287.7	324.0
11:44:25	7:23:44	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.2	115.3	126.4	120.2	88.0	88.1	117.4	508.5	287.7	324.0
11:45:25	7:24:45	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.7	117.9	117.3	115.2	117.7	126.4	120.1	87.9	88.1	117.4	508.5	287.7	323.9
11:46:25	7:25:45	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	118.0	117.7	118.0	117.3	119.3	129.1	126.4	120.1	88.0	88.1	117.3	508.5	287.7	324.0
11:47:25	7:26:45	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.8	120.6	126.3	120.1	88.0	88.1	117.3	508.5	287.7	324.0
11:48:25	7:27:45	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.9	117.4	126.3	120.0	88.0	88.1	117.3	508.5	287.7	324.0
11:49:25	7:28:45	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.4	116.2	126.3	119.9	88.0	88.1	117.3	508.5	287.7	322.5
11:50:25	7:29:45	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	119.7	132.0	126.2	119.9	88.0	88.1	117.3	508.5	287.7	324.0
11:51:25	7:30:45	28.8	28.7	29.8	62.9	84.4	118.1	117.8	118.6	118.0	118.0	118.1	117.4	122.9	141.1	126.2	119.8	87.9	88.2	117.4	508.5	287.7	324.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000376

11:52:26	7:31:45	28.8	28.7	29.8	62.5	83.2	118.4	118.2	118.9	118.3	118.3	118.3	117.6	119.5	127.3	126.1	119.8	88.0	88.1	117.4	508.5	287.7	324.5
11:53:26	7:32:45	28.8	28.7	29.8	62.5	83.3	118.4	118.0	118.9	118.3	118.3	118.3	117.6	116.8	118.1	126.2	119.7	88.0	88.1	117.4	508.5	287.7	324.0
11:54:26	7:33:45	28.8	28.7	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.3	118.3	117.7	116.4	116.7	126.1	119.7	88.0	88.1	117.4	508.5	287.7	324.0
11:55:26	7:34:46	28.8	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.1	118.2	117.6	116.1	116.3	126.1	119.7	88.0	88.1	117.3	508.5	287.6	324.0
11:56:26	7:35:46	28.8	28.7	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.2	117.5	115.8	116.0	126.1	119.6	88.0	88.2	117.3	508.5	287.7	322.5
11:57:26	7:36:46	28.8	28.6	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.9	118.1	117.5	115.6	115.7	126.0	119.6	88.0	88.2	117.3	508.5	287.7	322.5
11:58:26	7:37:46	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	115.2	115.4	126.0	119.5	88.0	88.2	117.3	508.4	287.7	322.5
11:59:26	7:38:46	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.7	118.0	117.3	114.9	115.1	125.9	119.4	88.0	88.1	117.2	508.5	287.7	322.5
12:00:26	7:39:46	28.8	28.6	29.8	62.5	84.4	117.9	117.3	118.4	117.9	117.6	117.8	117.2	116.6	123.2	125.9	119.4	88.0	88.1	117.2	508.5	287.7	322.5
12:01:26	7:40:46	28.8	28.6	29.8	62.5	84.3	117.9	117.5	118.4	117.9	117.8	117.9	117.3	118.5	126.9	125.9	119.4	88.0	88.2	117.2	508.5	287.7	322.5
12:02:26	7:41:46	28.8	28.7	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	116.5	119.7	125.8	119.4	88.0	88.1	117.2	508.5	287.7	322.4
12:03:27	7:42:46	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.8	117.1	125.8	119.3	88.0	88.2	117.2	508.5	287.7	322.5
12:04:27	7:43:46	28.8	28.7	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	118.9	129.3	125.7	119.2	88.0	88.2	117.2	508.5	287.7	322.4
12:05:27	7:44:47	28.8	28.7	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.8	123.5	125.7	119.2	88.0	88.2	117.2	508.5	287.7	322.4
12:06:27	7:45:47	28.8	28.7	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	116.4	118.6	125.6	119.1	87.9	88.2	117.2	508.5	287.7	322.4
12:07:27	7:46:47	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.8	116.9	125.6	119.1	88.0	88.1	117.2	508.5	287.6	322.5
12:08:27	7:47:47	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.6	116.0	125.6	119.1	88.0	88.2	117.2	508.5	287.7	322.5
12:09:27	7:48:47	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.3	130.3	125.6	119.0	88.0	88.2	117.2	508.5	287.6	322.7
12:10:27	7:49:47	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.6	123.0	125.5	122.0	88.0	88.2	118.3	508.5	287.7	322.4
12:11:27	7:50:47	28.8	28.7	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.3	118.5	125.5	122.7	88.0	88.2	117.7	508.5	287.6	322.5
12:12:27	7:51:47	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.8	116.7	125.5	122.8	88.1	88.2	117.7	508.4	287.7	322.5
12:13:28	7:52:47	28.8	28.6	29.8	62.5	84.4	117.9	117.4	118.4	117.8	117.6	117.9	117.2	115.3	115.9	125.4	122.7	88.0	88.2	117.7	508.5	287.7	322.5
12:14:28	7:53:47	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.2	119.9	130.9	125.4	122.7	88.1	88.2	117.7	508.5	287.7	322.4
12:15:28	7:54:48	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	117.2	121.5	125.3	122.6	88.0	88.2	117.7	508.5	287.7	322.5
12:16:28	7:55:48	28.8	28.6	29.8	63.0	84.8	118.0	117.6	118.5	117.9	117.7	118.0	117.3	116.2	118.0	125.3	122.6	88.1	88.2	117.7	508.5	287.7	322.5
12:17:28	7:56:48	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.8	116.6	125.3	122.5	88.1	88.2	117.7	508.5	287.6	322.4
12:18:28	7:57:48	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	119.3	130.5	125.2	122.4	88.1	88.2	117.7	508.5	287.7	322.5
12:19:28	7:58:48	28.8	28.7	29.8	62.5	83.9	118.1	117.7	118.6	118.0	118.0	118.1	117.4	122.8	140.7	125.2	122.4	88.0	88.2	117.7	508.5	287.7	320.9
12:20:28	7:59:48	28.8	28.7	29.8	62.5	83.3	118.4	118.2	118.8	118.3	118.3	118.3	117.6	119.8	127.8	125.2	122.3	88.0	88.3	117.8	508.5	287.7	322.7
12:21:28	8:00:48	28.8	28.7	29.8	62.5	83.2	118.4	118.2	118.9	118.3	118.3	118.3	117.6	116.9	118.3	125.1	122.3	88.1	88.2	117.8	508.5	287.7	322.5
12:22:28	8:01:48	28.8	28.7	29.8	62.5	83.3	118.4	118.0	118.9	118.3	118.1	118.3	117.6	116.4	116.6	125.1	122.2	88.0	88.3	117.8	508.5	287.7	322.4
12:23:29	8:02:48	28.8	28.7	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.2	117.6	116.1	116.3	125.0	122.2	88.1	88.2	117.7	508.5	287.7	320.9
12:24:29	8:03:48	28.8	28.7	29.8	63.0	84.1	118.3	117.8	118.8	118.2	118.0	118.2	117.5	115.8	116.0	125.0	122.1	88.0	88.2	117.8	508.4	287.7	320.9
12:25:29	8:04:49	28.8	28.7	29.8	62.5	83.8	118.2	117.7	118.7	118.1	117.9	118.1	117.5	115.6	115.7	124.9	122.0	88.0	88.2	117.8	508.5	287.7	322.5
12:26:29	8:05:49	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.6	118.0	117.8	118.0	117.4	115.3	115.4	124.8	122.0	88.1	88.2	117.7	508.5	287.7	321.0
12:27:29	8:06:49	28.8	28.6	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.0	115.1	124.8	121.9	88.1	88.3	117.7	508.5	287.7	321.0
12:28:29	8:07:49	28.8	28.6	29.8	63.0	85.0	117.9	117.3	118.4	117.9	117.6	117.8	117.2	116.6	122.9	124.8	121.8	88.0	88.2	117.7	508.5	287.6	321.0
12:29:29	8:08:49	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.6	127.2	124.8	121.8	88.0	88.2	117.7	508.5	287.6	321.0
12:30:29	8:09:49	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.5	119.7	124.7	121.8	88.0	88.2	117.7	508.5	287.6	321.0
12:31:29	8:10:49	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.8	117.0	124.7	121.7	88.0	88.3	117.7	508.5	287.7	320.9
12:32:29	8:11:49	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.3	116.0	124.7	121.7	88.1	88.2	117.7	508.5	287.7	321.0
12:33:30	8:12:49	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.2	120.0	132.0	124.7	121.6	88.0	88.3	117.7	508.5	287.7	320.9
12:34:30	8:13:49	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.5	122.7	124.7	121.6	88.1	88.3	117.7	508.5	287.7	321.0
12:35:30	8:14:50	28.8	28.6	29.8	63.0	84.6	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.4	118.4	124.6	121.5	88.0	88.3	117.7	508.4	287.7	321.0
12:36:30	8:15:50	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.3	115.8	116.7	124.6	121.4	88.0	88.2	117.7	508.5	287.7	321.0
12:37:30	8:16:50	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.8	117.6	117.9	117.2	115.3	115.9	124.5	121.4	88.0	88.3	117.7	508.5	287.6	320.9
12:38:30	8:17:50	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.2	119.7	130.7	124.5	121.3	88.0	88.3	117.6	508.5	287.7	321.0
12:39:30	8:18:50	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	117.9	117.8	118.0	117.3	117.2	121.5	124.5	121.3	88.0	88.2	117.6	508.5	287.7	320.9
12:40:30	8:19:50	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.1	117.9	124.4	121.3	88.0	88.2	117.6	508.5	287.7	321.0
12:41:30	8:20:50	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.6	116.4	124.4	121.1	88.0	88.2	117.6	508.5	287.7	321.0
12:42:31	8:21:50	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	119.3	130.3	124.3	121.1	88.0	88.2	117.6	508.5	287.6	321.0
12:43:31	8:22:50	28.8	28.6	29.8	63.0	84.7	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.6	122.8	124.3	121.1	88.0	88.2	117.6	508.5	287.6	321.5
12:44:31	8:23:51	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.4	118.4	124.3	121.1	88.0	88.2	117.6	508.5	287.6	321.0
12:45:31	8:24:51	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	115.8	116.8	124.2	121.0	88.0	88.2	117.6	508.5	287.7	319.5
12:46:31	8:25:51	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	115.4	116.0	124.2	121.0	88.0	88.2	117.6	508.5	287.6	321.0
12:47:31	8:26:51	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.2	119.7	131.1	124.2	120.9	88.0	88.2	117.6	508.5	287.6	321.0
12:48:31	8:27:51	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.4	122.3	124.1	120.9	88.0	88.2	117.5	508.5	287.7	320.9
12:49:31	8:28:51	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.2	118.2	124.1	120.8	88.0	88.2	117.5	508.5	287.7	319.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000377

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

12:50:31	8:29:51	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	115.8	116.6	124.0	120.7	88.0	88.2	117.5	508.4	287.7	319.5
12:51:31	8:30:51	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.4	115.9	124.1	120.7	88.0	88.2	117.5	508.5	287.7	319.5
12:52:32	8:31:51	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.3	119.9	132.7	124.0	120.7	88.0	88.1	117.5	508.5	287.7	320.9
12:53:32	8:32:51	28.8	28.6	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.8	118.0	117.3	118.6	126.2	124.1	120.6	87.9	88.1	117.5	508.4	287.6	321.0
12:54:32	8:33:52	28.8	28.6	29.8	62.5	83.7	118.2	117.8	118.7	118.1	117.9	118.1	117.4	116.9	119.9	128.1	120.6	87.9	88.1	117.5	508.5	287.6	319.5
12:55:32	8:34:52	28.8	28.6	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.1	117.4	116.3	117.6	128.2	120.6	88.0	88.1	117.5	508.5	287.7	319.5
12:56:32	8:35:52	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	115.8	116.4	128.1	120.4	87.9	88.1	117.5	508.5	287.6	319.4
12:57:32	8:36:52	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	115.4	115.9	128.1	120.4	87.9	88.1	117.4	508.5	287.7	319.4
12:58:32	8:37:52	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.2	115.2	115.5	128.1	120.4	87.9	88.1	117.4	508.5	287.6	319.4
12:59:32	8:38:52	28.8	28.6	29.8	62.5	84.5	117.8	117.3	118.4	117.8	117.5	117.8	117.2	118.1	127.4	128.1	120.3	87.9	88.1	117.4	508.5	287.7	319.5
13:00:32	8:39:52	28.8	28.6	29.8	63.0	84.8	118.0	117.5	118.5	117.9	117.7	117.9	117.2	117.9	124.6	128.2	120.3	87.9	88.1	117.4	508.5	287.7	319.5
13:01:32	8:40:52	28.8	28.6	29.8	62.6	84.2	118.0	117.6	118.5	117.9	117.8	118.0	117.3	116.4	118.9	128.2	120.3	87.9	88.0	117.4	508.5	287.6	319.5
13:02:33	8:41:52	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.2	117.1	123.4	128.1	120.2	87.9	88.0	117.4	508.4	287.7	319.4
13:03:33	8:42:52	28.8	28.6	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.9	118.0	117.3	122.0	138.2	128.1	120.2	87.9	88.0	117.4	508.5	287.7	319.5
13:04:33	8:43:52	28.8	28.6	29.8	62.5	83.5	118.3	117.9	118.8	118.2	118.3	118.3	117.6	120.1	129.6	128.1	120.1	87.8	88.1	117.5	508.4	287.7	319.5
13:05:33	8:44:53	28.8	28.6	29.8	63.0	83.9	118.4	118.0	118.8	118.3	118.3	118.3	117.6	116.8	118.8	128.0	120.0	87.8	88.0	117.4	508.5	287.7	319.4
13:06:33	8:45:53	28.8	28.6	29.8	62.5	83.4	118.3	117.9	118.8	118.3	118.1	118.3	117.6	116.3	116.8	128.0	120.0	87.9	88.0	117.4	508.5	287.6	319.4
13:07:33	8:46:53	28.8	28.6	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.1	118.2	117.6	116.0	116.3	127.9	119.9	87.9	88.0	117.4	508.4	287.6	319.5
13:08:33	8:47:53	28.8	28.6	29.8	62.5	83.7	118.2	117.7	118.7	118.2	118.0	118.2	117.5	115.8	116.0	127.8	119.9	87.9	88.0	117.4	508.5	287.6	319.5
13:09:33	8:48:53	28.8	28.6	29.8	62.5	83.8	118.1	117.7	118.6	118.1	117.8	118.1	117.5	115.4	115.6	127.8	119.8	87.9	88.0	117.3	508.5	287.6	319.4
13:10:33	8:49:53	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.4	115.2	115.3	127.9	119.8	87.9	88.0	117.3	508.5	287.6	319.4
13:11:33	8:50:53	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	116.1	121.3	127.8	119.7	87.8	88.0	117.3	508.5	287.7	319.4
13:12:34	8:51:53	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	121.3	137.0	127.7	119.7	87.9	88.0	117.3	508.5	287.6	319.4
13:13:34	8:52:53	28.8	28.6	29.8	63.0	84.2	118.2	117.8	118.7	118.2	118.1	118.2	117.5	119.7	129.1	127.7	119.7	87.8	88.0	117.3	508.4	287.6	319.4
13:14:34	8:53:53	28.8	28.6	29.8	63.0	84.1	118.3	117.9	118.8	118.2	118.1	118.2	117.6	116.6	118.6	127.6	119.6	87.8	88.0	117.3	508.5	287.6	319.5
13:15:34	8:54:54	28.8	28.6	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.1	118.2	117.6	116.1	116.6	127.7	119.6	87.8	88.0	117.3	508.5	287.7	319.4
13:16:34	8:55:54	28.8	28.6	29.8	62.5	83.7	118.2	117.8	118.7	118.1	117.9	118.1	117.5	115.8	116.0	127.6	119.5	87.8	87.9	117.3	508.5	287.7	319.4
13:17:34	8:56:54	28.8	28.6	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.8	118.0	117.4	115.6	115.7	127.5	119.4	87.8	87.9	117.2	508.5	287.7	319.7
13:18:34	8:57:54	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.6	118.0	117.7	118.0	117.3	115.2	115.3	127.5	119.4	87.8	87.9	117.2	508.5	287.7	319.5
13:19:34	8:58:54	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.3	115.9	120.8	127.5	119.4	87.7	87.9	117.2	508.5	287.7	319.5
13:20:34	8:59:54	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	119.6	130.3	127.4	119.3	87.7	87.9	117.2	508.4	287.6	319.5
13:21:34	9:00:54	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.6	120.0	127.4	119.3	87.8	87.9	117.2	508.5	287.6	319.5
13:22:35	9:01:54	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.6	116.3	127.4	119.2	87.7	87.8	117.2	508.5	287.7	319.4
13:23:35	9:02:54	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.2	115.5	127.4	119.2	87.8	87.9	117.1	508.5	287.7	319.5
13:24:35	9:03:54	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.3	117.0	124.1	127.3	119.1	87.7	87.8	117.1	508.4	287.6	319.4
13:25:35	9:04:55	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.5	126.5	127.3	119.1	87.7	87.9	117.1	508.5	287.6	319.5
13:26:35	9:05:55	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.5	119.5	127.2	119.0	87.7	87.9	117.1	508.5	287.7	319.4
13:27:35	9:06:55	28.8	28.6	29.8	63.0	84.8	118.0	117.5	118.5	117.9	117.7	118.0	117.3	115.8	117.1	127.2	122.1	87.7	87.8	118.3	508.5	287.7	319.5
13:28:35	9:07:55	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	117.1	124.1	127.2	122.8	87.7	87.8	117.6	508.5	287.7	319.5
13:29:35	9:08:55	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	121.9	138.3	127.1	122.8	87.7	87.8	117.5	508.5	287.7	319.5
13:30:35	9:09:55	28.8	28.6	29.8	63.0	84.1	118.3	117.9	118.7	118.2	118.1	118.2	117.5	118.7	125.6	127.1	122.7	87.7	87.8	117.6	508.5	287.7	319.4
13:31:36	9:10:55	28.8	28.6	29.8	63.0	84.1	118.3	117.9	118.7	118.2	118.0	118.2	117.6	116.4	117.9	127.0	122.7	87.7	87.7	117.6	508.5	287.6	319.4
13:32:36	9:11:55	28.8	28.6	29.8	62.5	83.6	118.2	117.8	118.7	118.2	118.0	118.1	117.5	116.0	116.4	127.0	122.6	87.7	87.8	117.6	508.5	287.7	318.0
13:33:36	9:12:55	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.9	118.1	117.5	115.8	115.9	126.9	122.5	87.6	87.8	117.6	508.5	287.7	318.0
13:34:36	9:13:56	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	115.3	115.5	126.9	122.5	87.6	87.8	117.6	508.4	287.7	318.0
13:35:36	9:14:56	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.5	117.9	117.6	117.9	117.3	115.0	115.2	126.9	122.4	87.5	87.7	117.5	508.4	287.6	319.1
13:36:36	9:15:56	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.4	117.9	117.6	117.8	117.2	119.5	131.1	126.8	122.4	87.6	87.7	117.5	508.5	287.7	318.0
13:37:36	9:16:56	28.8	28.6	29.8	63.0	84.7	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.3	122.3	126.8	122.3	87.6	87.8	117.6	508.5	287.6	318.0
13:38:36	9:17:56	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	116.1	118.0	126.8	122.2	87.5	87.7	117.5	508.5	287.7	318.0
13:39:36	9:18:56	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	116.4	126.8	122.1	87.5	87.7	117.5	508.5	287.6	317.9
13:40:36	9:19:56	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	119.4	130.8	126.7	122.1	87.5	87.7	117.5	508.5	287.7	317.9
13:41:37	9:20:56	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	117.7	123.1	126.7	122.0	87.5	87.7	117.5	508.5	287.6	318.0
13:42:37	9:21:56	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.4	118.5	126.6	122.0	87.5	87.7	117.5	508.5	287.6	318.0
13:43:37	9:22:56	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	115.8	116.7	126.6	122.0	87.4	87.7	117.5	508.5	287.6	318.0
13:44:37	9:23:57	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	115.6	117.8	126.6	121.9	87.5	87.7	117.5	508.5	287.6	318.0
13:45:37	9:24:57	28.8	28.6	29.8	63.2	84.9	118.0	117.6	118.5	118.0	117.8	118.0	117.3	120.9	135.8	126.6	121.9	87.4	87.7	117.5	508.5	287.7	318.0
13:46:37	9:25:57	28.8	28.6	29.8	63.0	84.0	118.3	118.0	118.8	118.2	118.1	118.2	117.5	122.3	136.8	126.5	121.8	87.5	87.7	117.5	508.4	287.7	318.0
13:47:37	9:26:57	28.8	28.6	29.8	63.0	83.8	118.4	118.2	118.9	118.3	118.3	118.3	117.7	117.7	121.5	126.4	121.7	87.4	87.6	117.5	508.5	287.6	318.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000378

13:48:37	9:27:57	28.8	28.6	29.8	62.5	83.2	118.4	118.0	118.9	118.3	118.3	118.3	117.6	116.4	117.0	126.4	121.7	87.4	87.7	117.5	508.5	287.6	318.0
13:49:37	9:28:57	28.8	28.6	29.8	63.0	84.0	118.3	117.9	118.8	118.3	118.0	118.2	117.6	116.1	116.4	126.4	121.6	87.4	87.6	117.5	508.5	287.6	317.9
13:50:37	9:29:57	28.8	28.6	29.8	63.0	84.1	118.3	117.8	118.8	118.2	117.9	118.1	117.5	115.8	116.0	126.4	121.6	87.4	87.6	117.5	508.5	287.7	317.9
13:51:38	9:30:57	28.8	28.6	29.8	62.5	83.9	118.1	117.6	118.6	118.1	117.9	118.1	117.5	115.4	115.7	126.4	121.5	87.4	87.6	117.5	508.4	287.7	318.0
13:52:38	9:31:57	28.8	28.6	29.8	63.0	84.5	118.1	117.6	118.6	118.1	117.8	118.0	117.5	115.2	115.4	126.3	121.5	87.4	87.6	117.5	508.5	287.7	318.0
13:53:38	9:32:57	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	114.9	115.0	126.2	121.4	87.4	87.6	117.4	508.5	287.7	318.0
13:54:38	9:33:58	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.3	118.6	129.6	126.3	121.3	87.3	87.6	117.4	508.5	287.7	318.0
13:55:38	9:34:58	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.7	124.0	126.2	121.3	87.4	87.6	117.4	508.5	287.7	318.0
13:56:38	9:35:58	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.2	118.6	126.1	121.2	87.3	87.6	117.3	508.4	287.6	318.0
13:57:38	9:36:58	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.6	116.6	126.1	121.2	87.3	87.6	117.4	508.4	287.7	318.0
13:58:38	9:37:58	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.3	116.6	122.5	126.1	121.1	87.3	87.5	117.3	508.5	287.7	317.9
13:59:38	9:38:58	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	118.6	126.7	126.0	121.1	87.3	87.6	117.3	508.4	287.7	316.4
14:00:38	9:39:58	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	116.5	119.6	125.9	121.0	87.3	87.5	117.3	508.5	287.7	318.0
14:01:38	9:40:58	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.4	115.8	117.1	126.0	120.9	87.3	87.6	117.3	508.5	287.7	316.4
14:02:39	9:41:58	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	115.6	118.2	125.9	120.9	87.3	87.5	117.3	508.5	287.7	316.4
14:03:39	9:42:58	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	119.3	128.8	125.9	120.9	87.3	87.5	117.3	508.5	287.7	317.9
14:04:39	9:43:59	28.8	28.6	29.8	62.5	83.9	118.1	117.6	118.6	118.0	117.8	118.0	117.4	116.9	120.5	125.9	120.8	87.2	87.5	117.3	508.5	287.7	316.4
14:05:39	9:44:59	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.1	117.6	125.8	120.8	87.3	87.5	117.3	508.5	287.7	316.5
14:06:39	9:45:59	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.6	116.3	125.8	120.7	87.2	87.4	117.3	508.5	287.6	316.5
14:07:39	9:46:59	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	118.1	127.2	125.7	120.6	87.2	87.4	117.2	508.5	287.7	318.0
14:08:39	9:47:59	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.4	118.8	126.9	125.7	120.6	87.2	87.4	117.3	508.5	287.7	316.5
14:09:39	9:48:59	28.8	28.6	29.8	62.5	83.9	118.1	117.7	118.6	118.0	117.8	118.0	117.4	116.8	120.0	125.6	120.6	87.2	87.4	117.2	508.5	287.7	316.5
14:10:39	9:49:59	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.1	117.4	116.0	117.3	125.7	120.4	87.1	87.4	117.2	508.5	287.6	316.5
14:11:39	9:50:59	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.4	115.6	116.2	125.6	120.4	87.1	87.4	117.2	508.5	287.7	316.5
14:12:40	9:51:59	28.8	28.6	29.8	63.0	84.8	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.2	115.6	125.5	120.4	87.1	87.4	117.2	508.5	287.6	316.5
14:13:40	9:52:59	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.4	117.9	117.6	117.9	117.3	117.3	125.1	125.6	120.3	87.2	87.4	117.2	508.5	287.6	316.4
14:14:40	9:54:00	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.3	118.3	125.9	125.5	120.3	87.2	87.4	117.1	508.5	287.6	316.5
14:15:40	9:55:00	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.8	118.0	117.3	116.4	119.4	125.4	120.2	87.1	87.4	117.2	508.5	287.7	316.5
14:16:40	9:56:00	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	117.9	117.3	115.8	116.9	125.4	120.1	87.1	87.3	117.2	508.4	287.7	316.5
14:17:40	9:57:00	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.3	115.9	125.4	120.1	87.1	87.3	117.1	508.5	287.7	316.5
14:18:40	9:58:00	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.8	117.2	119.7	131.3	125.3	120.1	87.1	87.2	117.1	508.5	287.7	316.5
14:19:40	9:59:00	28.8	28.6	29.8	63.0	84.7	118.0	117.5	118.5	118.0	117.7	118.0	117.3	117.2	122.0	125.3	120.0	87.1	87.2	117.1	508.5	287.7	316.5
14:20:40	10:00:00	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.7	118.0	117.3	116.1	118.0	125.3	119.9	87.1	87.2	117.1	508.5	287.7	316.5
14:21:40	10:01:00	28.8	28.6	29.8	62.5	84.2	118.0	117.5	118.5	117.9	117.6	117.9	117.3	115.6	116.4	125.2	119.9	87.1	87.2	116.9	508.4	287.7	316.4
14:22:41	10:02:00	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	118.8	129.3	125.2	119.8	87.0	87.2	116.9	508.4	287.6	316.4
14:23:41	10:03:00	28.8	28.6	29.8	62.5	84.1	118.0	117.6	118.5	118.0	117.8	118.0	117.3	117.7	123.4	125.2	119.8	87.1	87.2	116.9	508.4	287.7	316.5
14:24:41	10:04:01	28.8	28.6	29.8	62.5	84.0	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.4	118.6	125.1	119.8	87.1	87.2	116.9	508.5	287.6	316.5
14:25:41	10:05:01	28.8	28.6	29.8	62.5	84.1	118.0	117.5	118.5	118.0	117.7	117.9	117.2	115.8	116.7	125.1	119.7	87.0	87.2	116.9	508.4	287.7	316.5
14:26:41	10:06:01	28.8	28.6	29.8	62.5	84.3	117.9	117.4	118.4	117.9	117.6	117.9	117.2	115.3	115.8	125.1	119.6	87.0	87.2	116.9	508.5	287.6	316.4

MANUAL PHASE ADVANCE (kbrowning) 07/01/2015 21:44:05

14:27:11	10:06:30	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.5	117.9	117.6	117.8	117.2	117.5	125.3	125.1	119.6	87.0	87.2	116.9	508.5	287.6	316.5

EXPOSURE(2) SUMMARY 07/01/2015 21:44:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:27:11	10:06:30	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.5	117.9	117.6	117.8	117.2	117.5	125.3	125.1	119.6	87.0	87.2	116.9	508.5	287.7	316.4

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.4 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 089.3
END PRESS: 0028.8 MIN PRESS: 0028.8 MIN TEMP: 117.1 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 123.9 MIN GAS TEMP: 086.7
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

STERILANT REMOVAL 07/01/2015 21:44:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:27:11	0:00:00	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.5	117.9	117.6	117.8	117.2	117.5	125.3	125.1	119.6	87.0	87.2	116.9	508.5	287.7	316.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000379

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

SHORT EXPOSURE ALARM 07/01/2015 21:44:05

14:27:11	0:00:00	28.8	28.6	29.8	63.0	84.9	117.9	117.4	118.5	117.9	117.6	117.8	117.2	117.5	125.3	125.1	119.6	87.0	87.2	116.9	508.5	287.7	316.4

ALARM SILENCED (kbrowning) 07/01/2015 21:44:34

14:27:40	0:00:29	28.4	28.2	29.8	62.5	84.6	117.8	117.3	118.3	117.8	117.5	117.7	117.1	118.8	127.7	125.0	119.6	87.0	89.5	116.9	508.5	287.6	315.0
14:28:11	0:01:00	28.0	27.9	29.8	61.6	83.7	117.7	117.2	118.2	117.6	117.4	117.7	117.0	117.8	126.2	125.0	119.5	87.0	91.4	116.9	508.5	287.6	310.5
14:29:11	0:02:00	27.4	27.2	29.8	60.7	82.6	117.6	117.2	118.1	117.5	117.4	117.6	116.8	118.8	128.1	125.0	119.5	86.9	93.8	116.9	508.5	287.6	303.0
14:30:11	0:03:00	26.7	26.5	29.8	59.4	80.8	117.6	117.2	117.9	117.5	117.4	117.6	116.8	119.0	127.0	124.9	119.4	86.9	95.3	116.9	508.5	287.6	295.5
14:31:11	0:04:00	26.1	25.9	29.8	58.5	79.4	117.6	117.3	118.1	117.5	117.4	117.5	116.8	118.9	125.8	124.9	119.4	86.9	96.2	116.9	508.5	287.7	287.9
14:32:11	0:05:00	25.4	25.1	29.8	57.1	77.7	117.6	117.2	118.1	117.5	117.4	117.6	116.8	118.7	124.7	124.9	119.4	86.9	97.1	116.9	508.5	287.6	280.5
14:33:11	0:06:00	24.7	24.5	29.8	56.2	76.3	117.7	117.3	118.2	117.5	117.5	117.6	116.8	118.6	125.3	124.8	119.2	86.8	97.5	116.9	508.5	287.6	272.9
14:34:11	0:07:01	24.0	23.8	29.8	54.4	73.8	117.7	117.3	118.2	117.5	117.5	117.7	116.8	119.1	127.4	124.8	119.2	86.8	98.1	116.9	508.4	287.6	264.0
14:35:11	0:08:01	23.4	23.2	29.8	53.9	73.1	117.7	117.4	118.2	117.6	117.6	117.7	117.0	119.8	128.4	124.8	119.2	86.9	98.4	116.9	508.4	287.6	257.9
14:36:11	0:09:01	22.6	22.4	29.8	52.2	70.7	117.7	117.4	118.2	117.6	117.5	117.6	116.8	120.0	128.1	124.7	119.1	86.9	98.9	116.9	508.4	287.6	250.5
14:37:12	0:10:01	22.0	21.8	29.8	51.9	70.2	117.8	117.5	118.2	117.6	117.6	117.7	117.0	119.9	127.2	124.7	119.1	86.9	99.1	116.9	508.4	287.7	241.5
14:38:12	0:11:01	21.3	21.1	29.8	50.8	68.8	117.8	117.5	118.2	117.6	117.7	117.8	117.0	119.7	126.3	124.7	119.0	86.8	99.5	116.9	508.4	287.7	234.0
14:39:12	0:12:01	20.6	20.4	29.8	49.0	66.3	117.8	117.5	118.3	117.6	117.7	117.8	117.0	119.7	125.7	124.6	120.5	86.8	99.8	118.8	508.5	287.7	226.5

STERILANT REMOVAL SUMMARY 07/01/2015 21:56:15

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:39:21	0:12:20	20.5	20.3	29.8	48.5	65.7	117.8	117.5	118.3	117.6	117.7	117.8	117.0	119.3	124.6	124.7	121.4	86.8	99.9	119.2	508.5	287.6	225.0

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 117.9 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 125.1 MAX GAS TEMP: 087.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 124.6 MIN GAS TEMP: 086.8
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.4
EO USED PHASE: 000.1 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

POST N2 WASH(1) (Loop:1/6) 07/01/2015 21:56:15

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:39:21	0:00:00	20.5	20.3	29.8	48.5	65.7	117.8	117.5	118.3	117.6	117.7	117.8	117.0	119.3	124.6	124.7	121.4	86.8	99.9	119.2	508.5	287.6	225.0
14:41:21	0:02:00	23.2	23.0	29.8	51.7	67.7	119.0	118.7	119.5	118.9	118.8	118.9	118.2	119.2	124.8	124.5	122.6	108.1	97.6	117.5	508.4	287.6	237.0
14:43:21	0:04:00	25.9	25.7	29.9	51.7	67.0	119.4	119.1	119.8	119.3	119.2	119.3	118.6	119.3	125.4	124.5	122.5	114.1	95.8	117.6	508.5	287.7	228.0

POST N2 WASH(1) (Loop:1/6) SUMMARY 07/01/2015 22:02:10

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:45:16	0:05:54	28.5	28.3	29.9	50.3	64.8	119.7	119.3	120.1	119.6	119.5	119.5	119.0	119.1	124.8	124.4	122.3	114.9	94.4	117.6	508.5	287.7	215.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.7 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 124.7 MAX GAS TEMP: 115.0
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.0 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 124.4 MIN GAS TEMP: 086.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.8
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.4

POST EVACUATION(1) (Loop:1/6) 07/01/2015 22:02:10

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
14:45:16	0:00:00	28.5	28.3	29.9	50.3	64.8	119.7	119.3	120.1	119.6	119.5	119.5	119.0	119.1	124.8	124.4	122.3	114.9	94.4	117.6	508.5	287.7	215.9
14:47:16	0:02:00	25.8	25.6	29.9	44.0	58.5	118.4	118.2	118.8	118.3	118.3	118.4	117.8	119.2	123.5	124.4	122.1	109.6	99.9	117.6	508.4	287.6	181.4
14:49:16	0:04:00	23.1	22.9	29.9	40.8	54.8	118.1	117.9	118.5	118.0	118.0	118.1	117.4	119.2	123.6	124.3	122.0	104.8	102.2	117.6	508.4	287.6	158.9

POST EVACUATION(1) (Loop:1/6) SUMMARY 07/01/2015 22:08:03

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000380

14:51:09	0:05:55	20.5	20.3	29.9	38.2	51.4	117.9	117.7	118.3	117.8	117.8	117.8	117.2	119.6	124.5	124.3	121.9	101.4	103.7	117.7	508.4	287.7	143.9

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.5 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 124.4 MAX GAS TEMP: 114.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 124.2 MIN GAS TEMP: 101.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.8

POST N2 WASH(1) (Loop:2/6) 07/01/2015 22:08:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:51:09	0:00:00	20.5	20.3	29.9	38.2	51.4	117.9	117.7	118.3	117.8	117.8	117.8	117.2	119.6	124.5	124.3	121.9	101.4	103.7	117.7	508.4	287.7	143.9
14:53:09	0:02:00	23.1	23.0	29.9	40.9	53.1	119.3	119.0	119.8	119.2	119.2	119.2	118.5	119.6	124.6	124.1	121.7	110.8	101.0	117.6	508.5	287.7	154.4
14:55:09	0:04:00	25.9	25.7	29.9	40.9	52.5	119.8	119.4	120.2	119.7	119.7	119.6	119.1	119.7	124.7	124.1	121.6	114.2	98.7	117.6	508.5	287.6	152.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 07/01/2015 22:13:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:57:03	0:05:54	28.5	28.3	29.9	40.8	52.2	119.9	119.6	120.3	119.9	119.8	119.8	119.3	120.2	126.2	124.1	121.3	114.6	96.9	117.7	508.4	287.7	145.4

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 124.3 MAX GAS TEMP: 114.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 101.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.3

POST EVACUATION(1) (Loop:2/6) 07/01/2015 22:13:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:57:03	0:00:00	28.5	28.3	29.9	40.8	52.2	119.9	119.6	120.3	119.9	119.8	119.8	119.3	120.2	126.2	124.1	121.3	114.6	96.9	117.7	508.4	287.7	145.4
14:59:03	0:02:00	25.8	25.5	29.9	36.8	48.6	118.7	118.4	119.1	118.6	118.6	118.6	118.1	120.5	127.0	128.2	121.2	109.9	101.0	117.6	508.5	287.6	123.0
15:01:03	0:04:00	23.1	22.9	29.9	34.5	46.0	118.4	118.2	118.7	118.3	118.3	118.2	117.7	120.7	128.1	128.2	121.0	105.7	103.0	117.6	508.4	287.6	110.9

POST EVACUATION(1) (Loop:2/6) SUMMARY 07/01/2015 22:19:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:02:57	0:05:54	20.5	20.3	29.9	32.7	43.8	118.2	117.9	118.5	118.1	118.0	118.0	117.5	120.4	128.4	128.2	120.9	102.3	104.1	117.6	508.4	287.6	103.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 114.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 123.9 MIN GAS TEMP: 102.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.3
EO USED PHASE: 000.1 EO USED CYCLE:023.6 MIN VAP TEMP: 120.9

POST N2 WASH(1) (Loop:3/6) 07/01/2015 22:19:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:02:57	0:00:00	20.5	20.3	29.9	32.7	43.8	118.2	117.9	118.5	118.1	118.0	118.0	117.5	120.4	128.4	128.2	120.9	102.3	104.1	117.6	508.4	287.6	103.5
15:04:57	0:02:00	23.1	23.0	29.9	35.0	45.3	119.5	119.1	119.9	119.5	119.4	119.4	118.9	120.1	127.7	128.2	120.8	110.4	101.5	117.5	508.4	287.6	112.4
15:06:57	0:04:00	25.9	25.7	29.9	35.9	45.9	120.0	119.6	120.3	120.0	119.8	119.7	119.3	119.6	126.3	128.2	120.6	113.7	99.1	117.5	508.4	287.6	112.5

POST N2 WASH(1) (Loop:3/6) SUMMARY 07/01/2015 22:25:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:08:51	0:05:54	28.5	28.3	29.9	35.9	45.5	120.2	119.8	120.6	120.3	120.0	120.0	119.6	119.2	123.1	128.1	120.4	114.0	97.3	117.4	508.4	287.6	108.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000381

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 128.3 MAX GAS TEMP: 114.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 128.1 MIN GAS TEMP: 102.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:3/6) 07/01/2015 22:25:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:08:51	0:00:00	28.5	28.3	29.9	35.9	45.5	120.2	119.8	120.6	120.3	120.0	120.0	119.6	119.2	123.1	128.1	120.4	114.0	97.3	117.4	508.4	287.6	108.0
15:10:51	0:02:00	25.8	25.7	29.9	32.3	42.5	118.9	118.5	119.2	118.9	118.7	118.7	118.3	119.6	124.1	128.0	120.2	109.7	101.1	117.4	508.4	287.7	93.0
15:12:51	0:04:00	23.1	22.9	29.9	30.5	40.5	118.5	118.2	118.8	118.5	118.3	118.4	117.9	120.2	126.1	128.1	120.1	105.7	103.0	117.4	508.4	287.6	84.0

POST EVACUATION(1) (Loop:3/6) SUMMARY 07/01/2015 22:31:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:14:44	0:05:53	20.5	20.4	29.9	29.1	38.8	118.3	118.0	118.7	118.3	118.3	118.2	117.7	120.7	128.6	128.0	120.0	102.8	104.1	117.4	508.4	287.6	78.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 128.2 MAX GAS TEMP: 114.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 127.9 MIN GAS TEMP: 102.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.9

POST N2 WASH(1) (Loop:4/6) 07/01/2015 22:31:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:14:44	0:00:00	20.5	20.4	29.9	29.1	38.8	118.3	118.0	118.7	118.3	118.3	118.2	117.7	120.7	128.6	128.0	120.0	102.8	104.1	117.4	508.4	287.6	78.0
15:16:44	0:02:00	23.2	23.1	29.9	31.8	41.0	119.7	119.2	120.1	119.8	119.5	119.4	119.0	120.3	128.1	127.9	119.9	110.0	101.6	117.3	508.4	287.6	87.5
15:18:44	0:04:00	25.9	25.7	29.9	32.7	41.6	120.1	119.8	120.5	120.2	119.9	119.9	119.5	119.7	126.6	127.8	119.6	113.1	99.2	117.3	508.4	287.6	88.5

POST N2 WASH(1) (Loop:4/6) SUMMARY 07/01/2015 22:37:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:20:38	0:05:54	28.5	28.4	29.9	32.7	41.4	120.3	119.9	120.7	120.4	120.2	120.1	119.7	119.2	123.0	127.7	119.4	113.4	97.4	117.2	508.4	287.6	85.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 128.0 MAX GAS TEMP: 113.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 127.6 MIN GAS TEMP: 102.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.4

POST EVACUATION(1) (Loop:4/6) 07/01/2015 22:37:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:20:38	0:00:00	28.5	28.4	29.9	32.7	41.4	120.3	119.9	120.7	120.4	120.2	120.1	119.7	119.2	123.0	127.7	119.4	113.4	97.4	117.2	508.4	287.6	85.5
15:22:38	0:02:00	25.8	25.6	29.9	29.1	38.2	119.0	118.7	119.3	119.0	118.8	118.8	118.4	119.8	124.4	127.6	119.4	109.3	101.0	117.1	508.4	287.6	72.0
15:24:38	0:04:00	23.1	23.0	29.9	27.8	36.7	118.7	118.3	119.0	118.7	118.4	118.4	118.1	120.5	126.8	127.5	119.1	105.5	102.8	117.1	508.4	287.6	66.0

POST EVACUATION(1) (Loop:4/6) SUMMARY 07/01/2015 22:43:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:26:38	0:05:55	20.5	20.4	29.9	26.5	35.2	118.4	118.2	118.8	118.4	118.3	118.2	117.8	120.7	128.6	127.4	119.1	102.6	103.9	117.1	508.4	287.7	63.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000382

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 127.7 MAX GAS TEMP: 113.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 127.3 MIN GAS TEMP: 102.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.1

POST N2 WASE(1) (Loop:5/6) 07/01/2015 22:43:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:26:33	0:00:00	20.5	20.4	29.9	26.5	35.2	118.4	118.2	118.8	118.4	118.3	118.2	117.8	120.7	128.6	127.4	119.1	102.6	103.9	117.1	508.4	287.7	63.0
15:28:33	0:02:00	23.1	23.0	29.9	29.6	37.9	119.8	119.4	120.2	119.9	119.5	119.6	119.2	120.2	127.7	127.3	120.7	109.5	101.4	118.9	508.5	287.6	70.5
15:30:33	0:04:00	25.9	25.8	29.9	30.0	38.1	120.3	119.8	120.6	120.4	120.0	120.0	119.6	119.5	125.6	127.4	122.7	114.8	99.1	117.6	508.4	287.6	70.5

POST N2 WASE(1) (Loop:5/6) SUMMARY 07/01/2015 22:49:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:32:29	0:05:56	28.5	28.3	29.9	30.5	38.5	120.5	120.1	120.8	120.6	120.2	120.2	119.8	119.2	122.8	127.2	122.5	115.7	97.2	117.6	508.4	287.6	69.0

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 115.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 127.2 MIN GAS TEMP: 102.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

POST EVACUATION(1) (Loop:5/6) 07/01/2015 22:49:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:32:29	0:00:00	28.5	28.3	29.9	30.5	38.5	120.5	120.1	120.8	120.6	120.2	120.2	119.8	119.2	122.8	127.2	122.5	115.7	97.2	117.6	508.4	287.6	69.0
15:34:29	0:02:00	25.8	25.6	29.9	27.8	36.4	119.0	118.7	119.3	119.1	118.8	118.9	118.6	119.7	124.4	127.1	122.3	111.1	101.0	117.6	508.4	287.7	58.5
15:36:29	0:04:00	23.1	22.9	29.9	25.8	34.1	118.7	118.3	119.0	118.7	118.5	118.5	118.2	120.4	126.5	127.0	122.2	107.0	102.8	117.6	508.5	287.6	54.0

POST EVACUATION(1) (Loop:5/6) SUMMARY 07/01/2015 22:55:17

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:38:23	0:05:54	20.5	20.4	29.9	25.1	33.3	118.5	118.2	118.8	118.5	118.3	118.3	117.9	120.8	128.8	127.0	122.1	103.7	103.8	117.5	508.4	287.7	52.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 127.2 MAX GAS TEMP: 115.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 127.0 MIN GAS TEMP: 103.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 122.1

POST N2 WASE(1) (Loop:6/6) 07/01/2015 22:55:17

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:38:23	0:00:00	20.5	20.4	29.9	25.1	33.3	118.5	118.2	118.8	118.5	118.3	118.3	117.9	120.8	128.8	127.0	122.1	103.7	103.8	117.5	508.4	287.7	52.5
15:40:23	0:02:00	23.2	23.0	29.9	27.8	35.5	119.9	119.4	120.3	120.0	119.7	119.6	119.2	120.0	127.4	127.0	121.9	111.4	101.4	117.5	508.4	287.6	58.5
15:42:23	0:04:00	25.9	25.8	29.9	28.7	36.4	120.3	119.8	120.6	120.4	120.0	120.0	119.7	119.2	124.5	126.9	121.7	114.7	99.0	117.5	508.4	287.6	60.0

POST N2 WASE(1) (Loop:6/6) SUMMARY 07/01/2015 23:01:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:44:18	0:05:56	28.5	28.3	29.9	28.7	36.1	120.5	120.1	120.8	120.7	120.2	120.2	120.0	119.4	123.4	126.9	121.4	115.0	97.2	117.5	508.4	287.6	58.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000383

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.1 MAX GAS TEMP: 115.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 126.8 MIN GAS TEMP: 103.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.4

POST EVACUATION(1) (Loop:6/6) 07/01/2015 23:01:13

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:44:18	0:00:00	28.5	28.3	29.9	28.7	36.1	120.5	120.1	120.8	120.7	120.2	120.2	120.0	119.4	123.4	126.9	121.4	115.0	97.2	117.5	508.4	287.6	58.5
15:46:18	0:02:00	25.8	25.6	29.9	26.4	34.5	119.2	118.8	119.5	119.2	118.9	118.9	118.7	120.1	125.4	126.7	121.3	110.6	100.8	117.5	508.5	287.6	49.5
15:48:18	0:04:00	23.0	22.9	29.9	25.1	33.0	118.8	118.4	119.1	118.9	118.5	118.5	118.2	120.8	127.7	126.6	121.2	106.6	102.8	117.4	508.4	287.6	45.0

POST EVACUATION(1) (Loop:6/6) SUMMARY 07/01/2015 23:07:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:50:10	0:05:52	20.5	20.4	29.9	23.3	30.9	118.5	118.2	118.8	118.6	118.3	118.3	118.0	119.9	126.9	126.5	121.1	103.7	103.8	117.4	508.4	287.6	43.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 126.9 MAX GAS TEMP: 115.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 126.5 MIN GAS TEMP: 103.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.0

AIR BACKFILL(1) (Loop:1/12) 07/01/2015 23:07:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:50:10	0:00:00	20.5	20.4	29.9	23.3	30.9	118.5	118.2	118.8	118.6	118.3	118.3	118.0	119.9	126.9	126.5	121.1	103.7	103.8	117.4	508.4	287.6	43.5
15:52:10	0:02:00	23.2	23.1	29.9	26.3	33.7	119.8	119.6	120.3	119.5	119.7	119.7	118.8	119.2	124.8	126.5	121.0	101.0	101.2	117.3	508.5	287.7	51.0
15:54:10	0:04:00	25.9	25.7	29.9	27.8	35.4	120.1	119.9	120.7	119.6	120.2	120.1	119.0	119.2	123.1	126.4	120.9	98.9	98.9	117.3	508.4	287.6	52.5
15:56:10	0:06:00	28.7	28.5	29.9	28.2	35.8	120.2	120.1	120.9	119.7	120.4	120.3	119.1	119.5	123.6	126.3	120.7	97.2	96.9	117.3	508.4	287.6	51.0

AIR BACKFILL(1) (Loop:1/12) SUMMARY 07/01/2015 23:13:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:56:24	0:06:13	29.0	28.8	29.9	28.2	35.8	120.3	120.3	120.9	119.7	120.4	120.3	119.1	119.1	124.2	126.3	120.7	97.0	96.7	117.3	508.4	287.6	51.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 126.6 MAX GAS TEMP: 103.7
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 126.3 MIN GAS TEMP: 097.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:1/12) 07/01/2015 23:13:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:56:24	0:00:00	29.0	28.8	29.9	28.2	35.8	120.3	120.3	120.9	119.7	120.4	120.3	119.1	119.1	124.2	126.3	120.7	97.0	96.7	117.3	508.4	287.6	51.0
15:58:24	0:02:00	26.3	26.1	29.9	26.0	33.9	119.1	118.8	119.5	119.0	119.0	119.0	118.4	119.5	123.4	126.3	120.6	95.7	100.8	117.2	508.4	287.7	43.5
16:00:24	0:04:00	23.5	23.4	29.9	24.2	31.9	118.8	118.5	119.2	118.7	118.6	118.7	118.1	120.2	125.7	126.3	120.4	94.6	102.6	117.2	508.5	287.7	39.1
16:02:24	0:06:00	20.8	20.7	29.9	23.3	30.8	118.6	118.2	119.0	118.6	118.4	118.5	117.9	120.8	128.1	126.2	120.4	93.6	103.7	117.2	508.5	287.6	39.0

POST EVACUATION(2) (Loop:1/12) SUMMARY 07/01/2015 23:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:02:38	0:06:14	20.5	20.4	29.9	23.3	30.9	118.5	118.2	118.9	118.5	118.3	118.4	117.9	120.2	125.8	126.2	120.3	93.5	103.8	117.2	508.4	287.6	39.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000384

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.4 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 126.4 MAX GAS TEMP: 097.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 126.1 MIN GAS TEMP: 093.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 120.3

AIR BACKFILL(1) (Loop:2/12) 07/01/2015 23:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:02:38	0:00:00	20.5	20.4	29.9	23.3	30.9	118.5	118.2	118.9	118.5	118.3	118.4	117.9	120.2	125.8	126.2	120.3	93.5	103.8	117.2	508.4	287.6	39.0
16:04:38	0:02:00	23.2	23.0	29.9	26.9	34.6	119.7	119.6	120.4	119.3	119.8	119.8	118.7	120.6	127.4	126.0	120.2	92.7	101.2	117.1	508.5	287.6	43.5
16:06:38	0:04:00	26.0	25.9	29.9	27.8	35.3	120.1	120.1	120.8	119.6	120.2	120.2	118.9	120.9	128.4	126.0	120.1	92.1	98.8	116.9	508.4	287.6	45.0
16:08:38	0:06:00	28.7	28.5	29.9	28.2	35.8	120.3	120.3	121.0	119.6	120.4	120.4	119.0	120.7	128.6	125.9	120.0	91.4	96.8	116.9	508.5	287.6	43.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 07/01/2015 23:25:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:08:46	0:06:09	29.0	28.8	29.9	28.7	36.3	120.3	120.3	121.0	119.6	120.4	120.3	119.0	120.8	128.1	125.9	120.0	91.4	96.7	116.9	508.4	287.6	43.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 126.2 MAX GAS TEMP: 093.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 125.9 MIN GAS TEMP: 091.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.9

POST EVACUATION(2) (Loop:2/12) 07/01/2015 23:25:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:08:46	0:00:00	29.0	28.8	29.9	28.7	36.3	120.3	120.3	121.0	119.6	120.4	120.3	119.0	120.8	128.1	125.9	120.0	91.4	96.7	116.9	508.4	287.6	43.5
16:10:46	0:02:00	26.3	26.1	29.9	26.0	33.9	119.2	118.9	119.7	119.0	119.0	119.1	118.4	120.5	128.4	125.9	119.9	90.9	100.5	116.9	508.4	287.6	37.5
16:12:47	0:04:00	23.5	23.4	29.9	24.1	31.8	118.8	118.5	119.3	118.7	118.6	118.7	118.1	119.2	124.5	125.7	119.8	90.4	102.5	116.9	508.5	287.7	34.5
16:14:47	0:06:00	20.8	20.6	29.9	23.3	30.9	118.6	118.2	119.0	118.5	118.3	118.4	117.9	119.4	123.3	125.7	119.7	90.0	103.6	116.9	508.5	287.7	33.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 07/01/2015 23:31:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:00	0:06:12	20.5	20.4	29.9	23.3	30.8	118.6	118.2	119.0	118.5	118.3	118.4	117.8	119.3	124.7	125.7	119.7	90.0	103.7	116.9	508.5	287.6	33.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 125.9 MAX GAS TEMP: 091.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 125.6 MIN GAS TEMP: 090.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:3/12) 07/01/2015 23:31:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:00	0:00:00	20.5	20.4	29.9	23.3	30.8	118.6	118.2	119.0	118.5	118.3	118.4	117.8	119.3	124.7	125.7	119.7	90.0	103.7	116.9	508.5	287.6	33.0
16:17:00	0:02:00	23.2	23.1	29.9	26.0	33.4	119.8	119.6	120.4	119.3	119.8	119.8	118.6	119.2	122.8	125.6	119.5	89.6	101.1	116.9	508.5	287.7	39.0
16:19:00	0:04:00	26.0	25.9	29.9	27.3	34.8	120.1	120.1	120.8	119.5	120.2	120.2	118.9	119.6	123.9	125.5	119.4	89.3	98.7	116.8	508.5	287.6	39.0
16:21:00	0:06:00	28.6	28.5	29.9	27.8	35.2	120.3	120.3	121.0	119.6	120.4	120.4	119.0	120.1	125.4	125.5	119.3	89.0	96.7	116.8	508.5	287.6	39.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 07/01/2015 23:38:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000385

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

16:21:16	0:06:17	29.0	28.8	29.9	28.2	35.8	120.3	120.3	121.0	119.6	120.6	120.5	119.0	119.2	122.8	125.5	119.3	88.9	96.5	116.9	508.4	287.6	39.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 125.7 MAX GAS TEMP: 090.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 125.4 MIN GAS TEMP: 088.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:3/12) 07/01/2015 23:38:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:21:17	0:00:00	29.0	28.8	29.9	28.2	35.8	120.3	120.3	121.0	119.6	120.6	120.5	119.0	119.2	122.8	125.5	119.3	88.9	96.5	116.9	508.4	287.6	39.0
16:23:17	0:02:00	26.3	26.1	29.9	25.1	32.7	119.2	118.9	119.7	119.0	119.2	119.1	118.3	119.8	124.3	125.5	119.2	88.7	100.5	116.8	508.5	287.7	33.0
16:25:17	0:04:00	23.5	23.4	29.9	23.3	30.7	118.8	118.5	119.2	118.7	118.6	118.7	118.1	120.4	126.3	125.3	119.0	88.4	102.5	116.8	508.5	287.6	30.0
16:27:17	0:06:00	20.8	20.7	29.9	22.4	29.6	118.6	118.3	119.1	118.5	118.4	118.5	117.9	120.8	128.4	125.3	122.3	88.2	103.6	117.8	508.5	287.6	28.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 07/01/2015 23:44:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:27:33	0:06:16	20.5	20.3	29.9	22.8	30.2	118.6	118.3	119.1	118.5	118.4	118.5	117.9	120.2	125.7	125.3	122.5	88.2	103.6	117.4	508.5	287.6	28.5

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 125.5 MAX GAS TEMP: 088.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 125.2 MIN GAS TEMP: 088.2
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: -000.1 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

AIR BACKFILL(1) (Loop:4/12) 07/01/2015 23:44:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:27:33	0:00:00	20.5	20.3	29.9	22.8	30.2	118.6	118.3	119.1	118.5	118.4	118.5	117.9	120.2	125.7	125.3	122.5	88.2	103.6	117.4	508.5	287.6	28.5
16:29:33	0:02:00	23.3	23.1	29.9	25.5	32.8	119.8	119.6	120.5	119.3	119.8	119.9	118.7	120.6	127.2	125.2	122.7	88.0	101.1	117.3	508.5	287.7	33.0
16:31:33	0:04:00	25.9	25.8	29.9	26.9	34.2	120.1	120.1	120.8	119.5	120.3	120.3	118.8	120.8	128.6	125.1	122.5	87.8	98.7	117.3	508.4	287.7	34.5
16:33:33	0:06:00	28.7	28.5	29.9	27.3	34.7	120.3	120.3	121.0	119.6	120.6	120.5	119.0	120.6	128.6	125.0	122.4	87.6	96.7	117.3	508.5	287.7	34.5

AIR BACKFILL(1) (Loop:4/12) SUMMARY 07/01/2015 23:50:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:33:47	0:06:14	29.0	28.9	29.9	27.3	34.6	120.3	120.3	121.0	119.6	120.6	120.5	119.0	120.6	127.4	125.0	122.4	87.6	96.5	117.3	508.5	287.6	34.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 125.3 MAX GAS TEMP: 088.2
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 125.0 MIN GAS TEMP: 087.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 122.4

POST EVACUATION(2) (Loop:4/12) 07/01/2015 23:50:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:33:47	0:00:00	29.0	28.8	29.9	27.3	34.6	120.3	120.3	121.0	119.6	120.6	120.5	119.0	120.6	127.4	125.0	122.4	87.6	96.5	117.3	508.5	287.6	34.5
16:35:47	0:02:00	26.3	26.1	29.9	25.1	32.7	119.2	118.9	119.7	118.9	119.2	119.1	118.4	120.8	128.6	124.9	122.3	87.4	100.5	117.3	508.5	287.6	28.5
16:37:47	0:04:00	23.6	23.4	29.9	23.3	30.7	118.8	118.5	119.3	118.7	118.7	118.8	118.1	120.3	128.1	124.8	122.2	87.2	102.3	117.3	508.4	287.7	27.1
16:39:47	0:06:00	20.8	20.6	29.9	21.9	29.0	118.6	118.3	119.1	118.5	118.4	118.5	117.9	119.3	124.8	124.8	122.0	87.1	103.5	117.3	508.5	287.6	25.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 07/01/2015 23:56:56

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000386

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
16:40:02	0:06:05	20.5	20.3	29.9	21.9	29.0	118.6	118.2	119.1	118.5	118.4	118.5	117.8	120.6	128.6	124.8	122.0	87.1	103.6	117.3	508.4	287.7	25.5

START PRESS: 0029.0 MAX PRESS: 0029.2 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 125.1 MAX GAS TEMP: 087.6
END PRESS: 0030.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 087.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 122.0

AIR BACKFILL(1) (Loop:5/12) 07/01/2015 23:56:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:40:02	0:00:00	20.5	20.4	29.9	21.9	29.0	118.6	118.2	119.1	118.5	118.4	118.5	117.8	120.6	128.6	124.8	122.0	87.1	103.6	117.3	508.4	287.7	25.5
16:42:02	0:02:00	23.2	23.1	29.9	24.2	31.0	119.8	119.6	120.5	119.3	119.9	119.9	118.6	120.0	127.4	124.7	121.9	86.9	101.0	117.2	508.5	287.7	28.5
16:44:02	0:04:00	26.0	25.8	29.9	26.0	33.0	120.1	120.1	120.8	119.6	120.3	120.3	118.9	119.5	125.9	124.7	121.8	86.9	98.6	117.3	508.4	287.7	30.0
16:46:02	0:06:00	28.8	28.6	29.9	26.9	34.0	120.3	120.3	121.1	119.6	120.6	120.5	119.0	119.2	124.2	124.6	121.6	86.7	96.5	117.2	508.5	287.6	30.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 07/02/2015 00:03:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:46:12	0:06:10	29.0	28.8	29.9	26.9	34.0	120.3	120.3	121.1	119.6	120.6	120.5	119.0	120.1	127.4	124.6	121.7	86.8	96.4	117.2	508.4	287.6	30.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 087.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 124.5 MIN GAS TEMP: 086.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.6

POST EVACUATION(2) (Loop:5/12) 07/02/2015 00:03:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:46:12	0:00:00	29.0	28.8	29.9	26.9	34.0	120.3	120.3	121.1	119.6	120.6	120.5	119.0	120.1	127.4	124.6	121.7	86.8	96.4	117.2	508.4	287.6	30.0
16:48:12	0:02:00	26.3	26.1	29.9	23.7	30.9	119.2	118.9	119.7	119.0	119.2	119.1	118.4	119.1	124.0	124.5	121.4	86.5	100.4	117.3	508.4	287.6	25.5
16:50:12	0:04:00	23.5	23.4	29.9	22.4	29.4	118.8	118.5	119.3	118.7	118.8	118.9	118.1	119.4	123.4	124.4	121.4	86.5	102.2	117.2	508.4	287.6	22.5
16:52:12	0:06:00	20.8	20.7	29.9	21.9	29.0	118.6	118.3	119.1	118.5	118.5	118.6	117.9	119.9	124.8	124.4	121.3	86.4	103.2	117.1	508.4	287.6	22.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 07/02/2015 00:09:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:52:26	0:06:24	20.5	20.3	29.9	21.5	28.4	118.6	118.3	119.1	118.5	118.5	118.5	117.9	119.2	122.8	124.4	121.3	86.4	103.4	117.2	508.5	287.6	22.5

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 124.6 MAX GAS TEMP: 086.8
END PRESS: 0030.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 124.3 MIN GAS TEMP: 086.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:5/12) 07/02/2015 00:09:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:52:26	0:00:00	20.5	20.3	29.9	21.5	28.4	118.6	118.3	119.1	118.5	118.5	118.5	117.9	119.2	122.8	124.4	121.3	86.4	103.4	117.2	508.5	287.6	22.5
16:54:26	0:02:00	23.2	23.1	29.9	23.7	30.4	119.8	119.6	120.5	119.3	119.9	119.9	118.7	119.6	124.0	124.3	121.1	86.3	100.9	117.2	508.4	287.6	25.5
16:56:26	0:04:00	26.0	25.9	29.9	25.1	31.8	120.2	120.1	120.9	119.6	120.3	120.3	118.9	119.9	125.1	124.2	121.0	86.1	98.4	117.1	508.5	287.6	27.0
16:58:27	0:06:00	28.7	28.6	29.9	26.0	32.9	120.3	120.3	121.1	119.6	120.6	120.5	119.0	120.3	126.2	124.1	120.9	86.1	96.4	117.1	508.4	287.6	27.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000387

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

17:15:06	0:04:00	23.5	23.4	29.9	21.5	28.2	118.9	118.5	119.4	118.8	118.7	118.8	118.1	120.5	128.4	128.1	119.9	85.5	101.8	116.7	508.4	287.6	18.0
17:17:06	0:06:00	20.9	20.7	29.9	20.6	27.2	118.6	118.3	119.1	118.5	118.4	118.6	117.9	119.7	126.8	128.0	119.7	85.3	102.9	116.7	508.5	287.7	18.0

POST EVACUATION(2) (Loop:7/12) SUMMARY 07/02/2015 00:34:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:17:20	0:06:15	20.5	20.4	29.9	20.6	27.2	118.6	118.2	119.1	118.5	118.5	118.6	117.9	120.7	128.4	128.0	119.7	85.3	103.0	116.7	508.5	287.7	18.0

START PRESS: 0029.0 MAX PRESS: 0029.2 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.2 MAX GAS TEMP: 085.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 127.9 MIN GAS TEMP: 085.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:8/12) 07/02/2015 00:34:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:17:20	0:00:00	20.5	20.4	29.9	20.6	27.2	118.6	118.2	119.1	118.5	118.5	118.6	117.9	120.7	128.4	128.0	119.7	85.3	103.0	116.7	508.5	287.7	18.0
17:19:20	0:02:00	23.2	23.0	29.9	22.8	29.3	119.8	119.6	120.6	119.3	119.9	119.9	118.7	120.5	128.4	127.9	119.6	85.3	100.4	116.6	508.5	287.7	21.0
17:21:20	0:04:00	25.9	25.8	29.9	23.7	30.2	120.2	120.1	120.9	119.5	120.3	120.4	118.9	119.9	127.0	127.9	119.5	85.3	98.0	116.6	508.5	287.6	21.1
17:23:21	0:06:00	28.7	28.6	29.9	25.1	31.8	120.3	120.3	121.1	119.6	120.6	120.6	119.0	119.3	125.4	127.7	119.3	85.1	95.9	116.6	508.4	287.6	21.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 07/02/2015 00:40:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:33	0:06:23	29.0	28.6	29.9	25.1	31.7	120.3	120.3	121.1	119.6	120.6	120.6	119.0	120.5	128.6	127.7	119.4	85.2	95.7	116.6	508.4	287.6	21.1

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 128.0 MAX GAS TEMP: 085.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.6 MIN PRE TEMP: 127.7 MIN GAS TEMP: 085.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:8/12) 07/02/2015 00:40:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:23:33	0:00:00	29.0	28.8	29.9	25.1	31.7	120.3	120.3	121.1	119.6	120.6	120.6	119.0	120.5	128.6	127.7	119.4	85.2	95.7	116.6	508.4	287.6	21.1
17:25:33	0:02:00	26.3	26.1	29.9	21.9	28.6	119.2	118.9	119.7	118.9	119.2	119.1	118.3	120.0	127.4	127.6	119.2	85.1	99.7	116.5	508.5	287.6	18.1
17:27:34	0:04:00	23.6	23.5	29.9	21.0	27.6	118.9	118.5	119.4	118.7	118.7	118.9	118.1	119.2	124.5	127.6	119.1	85.1	101.6	116.5	508.4	287.7	16.6
17:29:34	0:06:00	20.9	20.8	29.9	20.1	26.5	118.7	118.4	119.2	118.6	118.5	118.6	117.9	119.3	123.1	127.5	119.0	85.1	102.7	116.5	508.5	287.7	15.0

POST EVACUATION(2) (Loop:8/12) SUMMARY 07/02/2015 00:46:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:29:48	0:06:14	20.5	20.4	29.9	20.1	26.6	118.6	118.3	119.1	118.5	118.5	118.6	117.9	119.6	126.5	127.5	118.9	85.0	102.9	116.5	508.4	287.6	15.1

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 127.7 MAX GAS TEMP: 085.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 127.5 MIN GAS TEMP: 085.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.4
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

AIR BACKFILL(1) (Loop:9/12) 07/02/2015 00:46:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000388

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

17:29:48	0:00:00	20.5	20.4	29.9	20.1	26.6	118.6	118.3	119.1	118.5	118.5	118.6	117.9	119.6	126.5	127.5	118.9	85.0	102.9	116.5	508.4	287.6	15.1
17:31:48	0:02:00	23.2	23.1	29.9	21.9	28.1	119.8	119.6	120.6	119.3	119.9	120.0	118.7	119.1	124.4	127.5	119.9	84.9	100.2	116.6	508.5	287.7	18.1
17:33:48	0:04:00	26.1	26.0	29.9	23.3	29.5	120.2	120.1	121.0	119.5	120.3	120.4	118.9	119.0	123.4	127.4	119.8	84.9	97.8	116.6	508.5	287.7	18.0
17:35:48	0:06:00	28.8	28.7	29.9	24.2	30.6	120.3	120.3	121.1	119.6	120.6	120.6	119.1	119.2	123.1	127.3	119.7	84.8	95.6	116.5	508.5	287.6	18.1

AIR BACKFILL(1) (Loop:9/12) SUMMARY 07/02/2015 00:52:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:00	0:06:12	29.0	28.9	29.9	24.2	30.6	120.3	120.3	121.1	119.6	120.6	120.6	119.1	119.4	125.7	127.3	119.7	84.8	95.5	116.5	508.4	287.7	18.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.6 MAX PRE TEMP: 127.5 MAX GAS TEMP: 085.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 127.2 MIN GAS TEMP: 084.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

POST EVACUATION(2) (Loop:9/12) 07/02/2015 00:52:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:00	0:00:00	29.0	28.9	29.9	24.2	30.6	120.3	120.3	121.1	119.6	120.6	120.6	119.1	119.4	125.7	127.3	119.7	84.8	95.5	116.5	508.4	287.7	18.0
17:38:00	0:02:00	26.3	26.2	29.9	21.9	28.6	119.2	118.9	119.7	118.9	119.2	119.2	118.4	119.1	123.3	127.2	119.6	84.8	99.6	116.5	508.4	287.7	15.1
17:40:00	0:04:00	23.5	23.4	29.9	21.0	27.6	118.9	118.5	119.4	118.8	118.7	118.9	118.1	119.5	123.8	127.2	119.5	84.8	101.6	116.5	508.5	287.7	13.5
17:42:00	0:06:00	20.8	20.7	29.9	19.6	26.0	118.6	118.3	119.1	118.5	118.5	118.6	117.9	119.9	125.1	127.1	119.4	84.8	102.7	116.4	508.4	287.6	13.6

POST EVACUATION(2) (Loop:9/12) SUMMARY 07/02/2015 00:59:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:15	0:06:15	20.5	20.4	29.9	19.2	25.4	118.6	118.2	119.1	118.5	118.5	118.6	117.9	119.2	123.1	127.1	119.4	84.8	102.7	116.4	508.4	287.7	13.6

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 084.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 127.0 MIN GAS TEMP: 084.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:10/12) 07/02/2015 00:59:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:15	0:00:00	20.5	20.4	29.9	19.2	25.4	118.6	118.2	119.1	118.5	118.5	118.6	117.9	119.2	123.1	127.1	119.4	84.8	102.7	116.4	508.4	287.7	13.6
17:44:15	0:02:00	23.2	23.1	29.9	21.9	28.1	119.9	119.8	120.6	119.3	119.9	120.0	118.6	119.3	123.4	126.9	119.2	84.7	100.0	116.4	508.4	287.7	16.6
17:46:15	0:04:00	26.0	25.9	29.9	22.8	29.0	120.2	120.1	121.0	119.6	120.3	120.4	118.8	119.4	123.6	126.9	119.1	84.7	97.5	116.3	508.5	287.7	16.5
17:48:15	0:06:00	28.8	28.6	29.9	23.3	29.4	120.4	120.3	121.2	119.6	120.6	120.5	119.0	119.6	124.1	126.8	119.0	84.6	95.5	116.3	508.5	287.7	16.6

AIR BACKFILL(1) (Loop:10/12) SUMMARY 07/02/2015 01:05:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:48:26	0:06:20	29.0	28.9	29.9	23.3	29.4	120.4	120.3	121.2	119.7	120.6	120.6	119.0	119.1	123.4	126.8	119.0	84.6	95.3	116.3	508.5	287.6	16.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.1 MAX GAS TEMP: 084.8
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 126.8 MIN GAS TEMP: 084.6
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.4
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:10/12) 07/02/2015 01:05:21

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000389

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
17:48:27	0:00:00	29.0	28.9	29.9	23.3	29.4	120.4	120.3	121.2	119.7	120.6	120.6	119.0	119.1	123.4	126.8	119.0	84.6	95.3	116.3	508.5	287.6	16.5
17:50:27	0:02:00	26.3	26.1	29.9	21.5	28.0	119.2	118.9	119.8	119.0	119.2	119.2	118.4	119.4	123.5	126.8	122.7	84.6	99.4	116.9	508.5	287.6	13.6
17:52:27	0:04:00	23.6	23.4	29.9	20.6	27.0	118.9	118.5	119.4	118.7	118.7	118.9	118.1	119.8	124.9	126.6	122.6	84.5	101.3	116.8	508.5	287.7	13.5
17:54:27	0:06:00	20.8	20.7	29.9	19.2	25.4	118.6	118.3	119.1	118.5	118.5	118.6	117.9	120.2	125.8	126.6	122.6	84.6	102.5	116.8	508.4	287.7	12.1

POST EVACUATION(2) (Loop:10/12) SUMMARY 07/02/2015 01:11:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:54:44	0:06:07	20.5	20.4	29.9	19.2	25.4	118.7	118.3	119.2	118.5	118.5	118.6	117.9	119.2	123.0	126.7	122.5	84.5	102.6	116.9	508.5	287.6	12.1

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 126.9 MAX GAS TEMP: 084.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 126.6 MIN GAS TEMP: 084.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.8
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 118.9

AIR BACKFILL(1) (Loop:11/12) 07/02/2015 01:11:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:54:44	0:00:00	20.5	20.4	29.9	19.2	25.4	118.7	118.3	119.2	118.5	118.5	118.6	117.9	119.2	123.0	126.7	122.5	84.5	102.6	116.9	508.5	287.6	12.1
17:56:44	0:02:00	23.3	23.2	29.9	21.5	27.5	119.9	119.8	120.7	119.3	119.9	120.0	118.7	119.5	123.7	126.5	122.4	84.5	99.9	116.8	508.5	287.6	13.5
17:58:44	0:04:00	26.1	25.9	29.9	22.8	28.9	120.2	120.1	121.0	119.6	120.3	120.4	118.9	119.6	124.3	126.4	122.2	84.4	97.4	116.8	508.4	287.7	15.0
18:00:44	0:06:00	28.7	28.6	29.9	23.3	29.4	120.4	120.3	121.2	119.6	120.6	120.6	119.0	119.9	124.9	126.3	122.1	84.4	95.2	116.7	508.5	287.7	13.6

AIR BACKFILL(1) (Loop:11/12) SUMMARY 07/02/2015 01:17:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:00:54	0:06:10	29.0	28.9	29.9	23.3	29.4	120.4	120.3	121.2	119.6	120.6	120.6	119.0	119.3	123.4	126.4	122.1	84.4	95.1	116.8	508.5	287.6	13.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 126.7 MAX GAS TEMP: 084.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 126.3 MIN GAS TEMP: 084.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 122.1

POST EVACUATION(2) (Loop:11/12) 07/02/2015 01:17:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:00:54	0:00:00	29.0	28.9	29.9	23.3	29.4	120.4	120.3	121.2	119.6	120.6	120.6	119.0	119.3	123.4	126.4	122.1	84.4	95.1	116.8	508.5	287.6	13.5
18:02:54	0:02:00	26.2	26.1	29.9	21.0	27.4	119.2	118.9	119.8	119.0	119.2	119.3	118.4	119.7	124.4	126.3	121.9	84.4	99.3	116.8	508.5	287.6	12.1
18:04:54	0:04:00	23.6	23.4	29.9	20.1	26.4	118.9	118.5	119.4	118.7	118.7	118.9	118.1	120.0	125.4	126.3	121.9	84.4	101.3	116.8	508.4	287.6	10.5
18:06:54	0:06:00	20.9	20.8	29.9	19.2	25.4	118.7	118.3	119.2	118.5	118.5	118.7	117.9	120.3	126.3	126.2	121.7	84.3	102.5	116.8	508.4	287.6	10.6

POST EVACUATION(2) (Loop:11/12) SUMMARY 07/02/2015 01:24:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:07:10	0:06:12	20.5	20.4	29.9	19.2	25.4	118.7	118.3	119.2	118.5	118.4	118.6	117.9	119.4	123.5	126.2	121.7	84.3	102.5	116.8	508.5	287.7	10.6

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 126.4 MAX GAS TEMP: 084.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 126.1 MIN GAS TEMP: 084.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000390

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

AIR BACKFILL(1) (Loop:12/12) 07/02/2015 01:24:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:07:10	0:00:00	20.5	20.4	29.9	19.2	25.4	118.7	118.3	119.2	118.5	118.4	118.6	117.9	119.4	123.5	126.2	121.7	84.3	102.5	116.8	508.5	287.7	10.6
18:09:10	0:02:00	23.2	23.1	29.9	21.5	27.5	119.9	119.8	120.6	119.4	119.9	120.0	118.7	119.6	124.2	126.1	121.5	84.3	99.8	116.7	508.5	287.7	13.6
18:11:10	0:04:00	25.9	25.8	29.9	21.9	27.8	120.2	120.1	121.0	119.6	120.4	120.5	118.9	119.7	124.3	126.1	121.4	84.3	97.3	116.8	508.4	287.6	13.6
18:13:10	0:06:00	28.6	28.5	29.9	22.8	28.8	120.4	120.3	121.2	119.7	120.6	120.6	119.1	119.9	124.9	125.9	121.3	84.2	95.3	116.8	508.4	287.7	13.6

AIR BACKFILL(1) (Loop:12/12) SUMMARY 07/02/2015 01:30:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:13:24	0:06:13	29.0	28.9	29.9	22.8	28.8	120.4	120.3	121.3	119.7	120.6	120.6	119.0	119.1	123.1	125.9	121.2	84.2	95.1	116.8	508.5	287.6	13.6

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 126.2 MAX GAS TEMP: 084.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 125.9 MIN GAS TEMP: 084.2
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 121.2

POST EVACUATION(2) (Loop:12/12) 07/02/2015 01:30:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:13:24	0:00:00	29.0	28.9	29.9	22.8	28.8	120.4	120.3	121.3	119.7	120.6	120.6	119.0	119.1	123.1	125.9	121.2	84.2	95.1	116.8	508.5	287.6	13.6
18:15:24	0:02:00	26.3	26.2	29.9	20.6	26.7	119.3	119.0	119.9	119.1	119.2	119.3	118.4	119.5	123.7	125.9	121.2	84.2	99.1	116.7	508.5	287.7	10.6
18:17:25	0:04:00	23.5	23.4	29.9	19.7	25.8	119.0	118.7	119.5	118.8	118.8	118.9	118.2	119.9	124.9	125.8	121.0	84.2	101.2	116.7	508.5	287.7	10.6
18:19:25	0:06:00	20.8	20.7	29.9	18.8	24.8	118.7	118.3	119.2	118.6	118.5	118.6	117.9	120.3	126.5	125.7	120.9	84.2	102.5	116.7	508.4	287.6	9.1

POST EVACUATION(2) (Loop:12/12) SUMMARY 07/02/2015 01:36:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:19:41	0:06:17	20.5	20.4	29.9	18.8	24.8	118.7	118.3	119.2	118.5	118.4	118.7	117.9	119.4	123.6	125.7	120.9	84.2	102.5	116.7	508.4	287.7	9.1

START PRESS: 0029.0 MAX PRESS: 0029.2 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 287.6 MAX PRE TEMP: 126.0 MAX GAS TEMP: 084.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 125.6 MIN GAS TEMP: 084.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 120.9

AIR BACKFILL(2) 07/02/2015 01:36:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:19:41	0:00:00	20.5	20.4	29.9	18.8	24.8	118.7	118.3	119.2	118.5	118.4	118.7	117.9	119.4	123.6	125.7	120.9	84.2	102.5	116.7	508.4	287.7	9.1
18:20:41	0:01:00	22.0	21.9	29.9	20.1	26.0	119.4	119.2	120.1	119.0	119.4	119.5	118.4	119.4	123.7	125.7	120.8	84.2	101.2	116.7	508.4	287.6	10.5
18:21:41	0:02:00	23.2	23.1	29.9	20.6	26.3	119.9	119.8	120.7	119.4	119.9	120.0	118.7	119.5	123.9	125.7	120.7	84.1	99.8	116.7	508.5	287.6	10.6
18:22:41	0:03:00	24.7	24.6	29.9	21.5	27.3	120.1	119.9	120.9	119.5	120.2	120.3	118.8	119.5	124.0	125.6	120.7	84.1	98.4	116.6	508.5	287.6	12.1
18:23:42	0:04:00	26.0	25.9	29.9	21.9	27.8	120.2	120.1	121.0	119.5	120.4	120.5	118.9	119.6	124.2	125.6	120.7	84.2	97.2	116.6	508.4	287.7	12.1
18:24:42	0:05:00	27.4	27.3	29.9	21.9	27.7	120.3	120.3	121.1	119.6	120.6	120.6	119.0	119.7	124.6	125.6	120.6	84.1	96.2	116.6	508.5	287.7	12.0
18:25:42	0:06:00	28.6	28.5	29.9	22.4	28.2	120.5	120.4	121.3	119.7	120.6	120.7	119.0	119.7	124.5	125.6	120.5	84.1	95.1	116.6	508.5	287.7	12.1

AIR BACKFILL(2) SUMMARY 07/02/2015 01:42:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:25:57	0:06:15	29.0	28.9	29.9	22.8	28.8	120.4	120.3	121.2	119.7	120.6	120.6	119.0	119.1	123.9	125.5	120.5	84.1	94.9	116.6	508.5	287.6	12.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000391

CYCLE NO: 0000000154

STERILIZER NUMBER: 0001033692

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 125.8 MAX GAS TEMP: 084.2
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 508.5 DRM2 END: 287.6 MIN PRE TEMP: 125.5 MIN GAS TEMP: 084.0
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:023.6 MIN VAP TEMP: 120.5

END OF CYCLE 07/02/2015 01:42:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ('HgA)	PX-2 PRESS ('HgA)	PX-4 PRESS ('HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:25:57	0:00:00	29.0	28.9	29.9	22.8	28.8	120.4	120.3	121.2	119.7	120.6	120.6	119.0	119.1	123.9	125.5	120.5	84.1	94.9	116.6	508.5	287.6	12.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000392

Aeration Validation

Set "C"

Sterilization Cycle# CA500327

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CA500327 Load Number: Dunnage Load

Date Cycle Completed: July 7, 2015 Time Cycle Completed: 07:54

Date Aeration Completed: July 8, 2015 Time Aeration Completed: 08:40

Notes: Chamber A (STE14-031), (Set C: 3 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	98.4	95	130	°F
Room Temperature Min	102	95	115	°F
Room Temperature Max	104	95	115	°F
Room RH Min	44	40	70	%
Room RH Max	50	40	70	%
PCR Elapsed Time	12:40	12:00	96:00	Hrs:Min
Load Time	21	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.3	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.3	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.3	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.4	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.3	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	98	38	390	Minutes
Chamber Moisture Min	40.4	18.3	86.3	mg/L
Chamber Moisture Max	53.5	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.4	20.0	21.0	inHgA
EtO Inject Pressure	27.8	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	17.1	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	28.8	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.5	28.5	29.5	inHgA
Chamber Pressure Max	28.9	28.5	29.5	inHgA
Chamber Temperature Min	117.0	95	130	°F
Chamber Temperature Max	118.5	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	304.4	200	480	mg/L
Gas Concentration Max	385.5	200	480	mg/L
Exhaust:				
Vacuum	20.4	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.4	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.4	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.4	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.4	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.4	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.4	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.1	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.4	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.1	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.4	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.1	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.4	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.1	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.4	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.1	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

		Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.4	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.1	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.4	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.1	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.4	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.1	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.4	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.1	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.4	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.1	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.4	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.1	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.4	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.1	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.4	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.1	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:10	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	101	95	115	°F
Room Temperature Max	102	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.9	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: _____

Reviewed by: [signature] Date: Aug. 11, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Mike Ball Date: 13 AUG 2015

COPY

COVIDIEN

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 12:25 DATE: 7-6-15
CA500327	CYCLE LOAD TIME: 13:00 DATE: 7-6-15

(CIRCLE ONE) #411

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: MW

STARTING PCR TEMP: 98.4 STARTING PCR TIME: 00:20 START PCR DATE: 07-06-15

PCR MIN RH: 44 PCR MIN TEMP: 102

PCR MAX RH: 50 PCR MAX TEMP: 104

PALLET PRODUCT LOTS VERIFIED LOAD BY: RD PCR CIRCULATOR RUNNING: RD

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5014065			
STE14-031	6 Pallet Residuals			(Set C: 3 of 3X)	

CYCLE START TIME: 13:21 CYCLE START DATE: 7-6-15 ETC RUN #: 155

CYCLE END TIME: 07:54 CYCLE END DATE: 7-7-15 PRIMARY START TIME: 08:30

PRIMARY END TIME: 08:40 PRIMARY END DATE: 7-8-15 MIN TEMP: 101 MAX TEMP: 102

AERATION CIRCULATOR RUNNING: RD

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: Samples to be pulled at 0HR, 12HR, 24HR.

Technician Review: Management Review:

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

```
*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
```

CHAMBER 103369-2

DATE: 07/06/2015
TIME: 1:21:33 PM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000155

LOAD NUMBER 1: CA500327
LOAD NUMBER 2: 5014065
LOAD NUMBER 3: STE14-031
LOAD NUMBER 4: 6 PALLET RESIDUALS
LOAD NUMBER 5: (SET C:3 OF 3X)
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00005016

CYCLE TYPE : EtO
Test Vacuum : Yes
Nitrogen Blanket : Yes
Gas Makeup : N2
Aeration : No

TEMPERATURE UNIT : °F
PRESURE UNIT : ''HgA
WEIGHT UNIT : Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000400

PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000401

PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000402

Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 12 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000403

Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000404

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 07/06/2015 13:21:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.7	30.5	30.2	31.4	46.3	114.6	114.7	115.5	113.4	114.8	115.2	112.6	118.4	123.1	124.2	120.0	89.9	89.2	118.6	508.5	287.7	0.0
0:01:00	0:01:00	29.3	29.2	30.2	31.4	46.3	114.6	114.9	115.2	113.5	114.9	114.8	112.8	119.1	124.5	124.0	122.8	89.9	94.4	118.7	508.5	287.7	0.0
0:02:00	0:02:00	28.0	27.8	30.2	30.9	45.7	114.5	114.9	115.0	113.5	114.9	114.7	112.8	119.2	124.8	124.1	122.9	90.0	97.4	118.6	508.5	287.7	0.1
0:03:00	0:03:00	26.6	26.5	30.2	30.5	45.1	114.4	114.8	114.9	113.4	114.9	114.6	112.8	119.2	125.3	124.0	122.9	90.0	99.2	118.5	508.5	287.7	0.0
0:04:00	0:04:00	25.2	25.1	30.2	30.0	44.4	114.5	114.9	114.9	113.5	114.9	114.6	112.7	119.3	125.9	124.0	122.9	90.0	100.5	118.5	508.5	287.7	0.1
0:05:00	0:05:00	23.9	23.7	30.2	29.1	43.2	114.3	114.8	114.8	113.4	114.8	114.5	112.6	119.4	126.3	128.2	122.8	90.0	101.4	118.5	508.4	287.7	0.1
0:06:01	0:06:00	22.5	22.4	30.2	28.2	41.9	114.3	114.7	114.8	113.4	114.8	114.5	112.7	119.6	126.9	128.3	122.8	90.0	102.2	118.6	508.5	287.7	0.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000405

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

0:07:01	0:07:01	21.1	21.0	30.2	27.3	40.6	114.3	114.7	114.8	113.3	114.8	114.5	112.7	119.6	126.8	128.4	122.8	90.0	102.7	118.6	508.5	287.7	0.1

INITIAL EVACUATION(1) SUMMARY 07/06/2015 13:29:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:31	0:07:31	20.5	20.4	30.2	27.3	40.5	114.3	114.7	114.8	113.4	114.8	114.4	112.6	120.1	126.3	128.3	122.7	90.0	102.9	118.5	508.4	287.7	0.1

START PRESS: 0030.7 MAX PRESS: 0030.7 MAX TEMP: 115.2 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 128.4 MAX GAS TEMP: 090.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 123.9 MIN GAS TEMP: 089.9
PRESS CHANGE: 010.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 123.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

STABILIZATION 07/06/2015 13:29:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:31	0:00:00	20.5	20.4	30.2	27.3	40.5	114.3	114.7	114.8	113.4	114.8	114.4	112.6	120.1	126.3	128.3	122.7	90.0	102.9	118.5	508.4	287.7	0.1
0:08:31	0:01:00	20.5	20.4	30.2	27.8	40.5	115.0	115.3	115.4	114.1	115.4	115.1	113.3	120.0	125.9	128.2	122.7	90.1	101.8	118.5	508.5	287.7	0.1
0:09:31	0:02:00	20.5	20.4	30.2	28.7	41.3	115.4	115.7	115.8	114.6	115.8	115.4	113.8	119.9	125.6	128.3	122.6	90.1	100.5	118.6	508.4	287.7	0.1
0:10:32	0:03:00	20.6	20.4	30.2	29.1	41.9	115.5	115.8	116.0	114.7	116.0	115.7	114.0	119.8	125.3	128.3	122.6	90.1	99.4	118.6	508.5	287.7	0.2
0:11:32	0:04:00	20.6	20.4	30.2	29.6	42.2	115.8	116.0	116.2	115.0	116.2	115.9	114.3	119.6	124.8	128.4	122.5	90.1	98.3	118.6	508.5	287.7	0.0
0:12:32	0:05:00	20.6	20.5	30.2	30.0	42.7	115.9	116.2	116.3	115.2	116.3	116.0	114.4	119.5	124.4	128.3	122.5	90.1	97.4	118.5	508.4	287.7	0.1
0:13:32	0:06:00	20.6	20.5	30.2	30.5	43.2	116.1	116.3	116.5	115.3	116.3	116.0	114.5	119.4	124.2	128.3	122.4	90.1	96.6	118.5	508.5	287.7	0.0
0:14:32	0:07:01	20.6	20.5	30.2	30.9	43.7	116.1	116.3	116.6	115.4	116.4	116.2	114.6	119.3	123.6	128.2	122.5	90.1	96.0	118.5	508.5	287.7	0.0
0:15:32	0:08:01	20.7	20.5	30.2	31.4	44.3	116.2	116.4	116.6	115.5	116.5	116.3	114.7	119.2	123.6	128.2	122.3	90.1	95.4	118.5	508.4	287.7	0.0
0:16:32	0:09:01	20.7	20.5	30.2	31.8	44.7	116.4	116.6	116.8	115.7	116.7	116.3	114.9	119.2	123.4	128.1	122.3	90.2	94.8	118.5	508.5	287.7	0.0

STABILIZATION SUMMARY 07/06/2015 13:39:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:31	0:10:00	20.7	20.5	30.2	32.3	45.3	116.4	116.6	116.8	115.7	116.7	116.5	115.0	119.2	123.5	128.1	122.2	90.2	94.4	118.5	508.5	287.7	0.1

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 116.7 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.4 MAX GAS TEMP: 090.2
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 128.1 MIN GAS TEMP: 090.0
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.2

LEAK CHECK 07/06/2015 13:39:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:31	0:00:00	20.7	20.5	30.2	32.3	45.3	116.4	116.6	116.8	115.7	116.7	116.5	115.0	119.2	123.5	128.1	122.2	90.2	94.4	118.5	508.5	287.7	0.1
0:18:31	0:01:00	20.7	20.5	30.2	32.3	45.2	116.5	116.7	116.9	115.9	116.7	116.5	115.0	119.1	123.6	128.0	122.2	90.2	93.9	118.5	508.4	287.7	0.0
0:19:32	0:02:00	20.7	20.5	30.2	32.3	45.1	116.6	116.7	117.0	115:9	116.9	116.6	115.2	119.1	123.5	128.1	122.2	90.1	93.5	118.5	508.5	287.7	0.0
0:20:32	0:03:00	20.7	20.6	30.2	32.7	45.7	116.6	116.7	117.0	116.0	116.9	116.7	115.3	119.1	123.7	128.1	122.2	90.2	93.1	118.5	508.4	287.7	0.0
0:21:32	0:04:00	20.7	20.6	30.2	33.2	46.2	116.7	116.8	117.1	116.1	116.9	116.7	115.3	119.0	123.6	127.9	122.0	90.1	92.7	118.5	508.5	287.7	0.0

LEAK CHECK SUMMARY 07/06/2015 13:44:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:31	0:05:00	20.7	20.6	30.2	33.2	46.2	116.8	116.9	117.1	116.2	117.0	116.8	115.4	119.1	123.4	127.9	122.0	90.1	92.6	118.5	508.4	287.7	0.0

START PRESS: 0020.7 MAX PRESS: 0020.8 MAX TEMP: 117.0 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 128.1 MAX GAS TEMP: 090.2
END PRESS: 0020.7 MIN PRESS: 0020.7 MIN TEMP: 115.0 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 127.9 MIN GAS TEMP: 090.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000406

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.0

INITIAL N2 WASH(1) (Loop:1/5) 07/06/2015 13:44:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:31	0:00:00	20.7	20.6	30.2	33.2	46.2	116.8	116.9	117.1	116.2	117.0	116.8	115.4	119.1	123.4	127.9	122.0	90.1	92.6	118.5	508.4	287.7	0.0
0:23:32	0:01:00	22.1	21.9	30.2	34.5	47.4	117.3	117.3	117.8	116.8	117.5	117.3	116.0	119.1	123.5	127.9	121.9	100.1	92.3	118.3	508.5	287.7	0.1
0:24:32	0:02:00	23.4	23.2	30.2	35.0	47.4	117.7	117.7	118.2	117.3	117.8	117.7	116.6	119.1	123.2	127.9	121.9	109.2	92.2	118.5	508.5	287.7	0.0
0:25:32	0:03:00	24.8	24.6	30.2	35.5	47.8	117.9	117.9	118.3	117.5	118.0	117.9	116.8	119.2	123.4	127.8	121.7	113.1	91.9	118.3	508.4	287.7	0.1
0:26:32	0:04:00	26.2	26.0	30.2	35.3	47.4	118.1	118.0	118.5	117.7	118.3	117.9	117.0	119.2	123.2	127.7	121.6	114.5	91.8	118.3	508.5	287.7	0.0

INITIAL N2 WASE(1) (Loop:1/5) SUMMARY 07/06/2015 13:49:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:32	0:05:00	27.5	27.3	30.2	35.5	47.4	118.2	118.2	118.6	117.9	118.3	118.0	117.2	119.2	123.2	127.8	121.5	115.0	91.7	118.3	508.4	287.7	0.0

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.9 MAX GAS TEMP: 115.0
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.4 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 127.7 MIN GAS TEMP: 090.1
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL EVACUATION(2) (Loop:1/5) 07/06/2015 13:49:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:32	0:00:00	27.5	27.3	30.2	35.5	47.4	118.2	118.2	118.6	117.9	118.3	118.0	117.2	119.2	123.2	127.8	121.5	115.0	91.7	118.3	508.4	287.7	0.0
0:28:32	0:01:00	26.1	26.0	30.2	33.7	46.2	117.2	117.3	117.5	116.8	117.3	117.1	116.0	119.4	123.5	127.7	121.4	112.8	96.2	118.3	508.5	287.7	0.1
0:29:32	0:02:00	24.8	24.6	30.2	31.9	44.4	116.6	116.7	117.0	116.1	116.9	116.6	115.4	119.6	124.2	127.6	121.4	110.1	98.9	118.3	508.5	287.7	0.1
0:30:32	0:03:00	23.4	23.2	30.2	30.0	42.2	116.4	116.4	116.8	115.8	116.6	116.4	115.1	119.8	124.9	127.6	121.4	107.9	100.5	118.3	508.5	287.7	0.1
0:31:32	0:04:00	22.1	21.9	30.2	28.7	40.5	116.2	116.3	116.6	115.5	116.4	116.3	114.9	120.0	125.1	127.5	121.4	105.9	101.6	118.3	508.5	287.7	0.0
0:32:32	0:05:00	20.7	20.6	30.2	27.8	39.3	116.1	116.2	116.5	115.5	116.3	116.2	114.8	120.2	125.8	127.5	121.3	104.2	102.3	118.2	508.5	287.7	0.1

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 07/06/2015 13:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:43	0:05:11	20.5	20.4	30.2	27.3	38.7	116.1	116.2	116.5	115.5	116.3	116.1	114.8	119.6	123.9	127.5	121.3	103.8	102.5	118.2	508.5	287.7	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 115.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.7 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 127.5 MIN GAS TEMP: 103.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL N2 WASH(1) (Loop:2/5) 07/06/2015 13:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:43	0:00:00	20.5	20.4	30.2	27.3	38.7	116.1	116.2	116.5	115.5	116.3	116.1	114.8	119.6	123.9	127.5	121.3	103.8	102.5	118.2	508.5	287.7	0.1
0:33:43	0:01:00	21.8	21.6	30.2	28.7	39.5	117.1	117.0	117.5	116.7	117.2	117.1	115.8	119.7	124.5	127.4	121.2	107.3	101.4	118.2	508.5	287.7	0.0
0:34:43	0:02:00	23.1	23.0	30.2	30.0	40.7	117.7	117.6	118.2	117.4	117.9	117.7	116.7	119.8	124.7	127.3	121.1	111.9	100.2	118.2	508.5	287.7	0.0
0:35:43	0:03:00	24.5	24.4	30.2	30.0	40.3	118.1	117.9	118.5	117.8	118.1	118.0	117.1	120.0	125.2	127.4	121.0	113.9	99.1	118.2	508.4	287.7	0.0
0:36:43	0:04:00	25.9	25.8	30.2	30.5	40.7	118.3	118.2	118.7	118.0	118.3	118.1	117.3	120.1	125.7	127.3	120.9	114.7	98.2	118.2	508.5	287.7	0.1
0:37:44	0:05:00	27.3	27.1	30.2	30.9	41.2	118.4	118.3	118.8	118.2	118.4	118.3	117.5	120.3	126.2	127.2	120.9	115.0	97.3	118.1	508.5	287.7	0.1

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 07/06/2015 13:59:25

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000407

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
0:37:53	0:05:09	27.5	27.3	30.2	30.9	41.2	118.4	118.3	118.8	118.2	118.4	118.3	117.5	119.7	124.4	127.2	120.8	115.0	97.2	118.1	508.4	287.7	0.1

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 127.5 MAX GAS TEMP: 115.1
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.7 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 127.2 MIN GAS TEMP: 103.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

INITIAL EVACUATION(2) (Loop:2/5) 07/06/2015 13:59:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:53	0:00:00	27.5	27.3	30.2	30.9	41.2	118.4	118.3	118.8	118.2	118.4	118.3	117.5	119.7	124.4	127.2	120.8	115.0	97.2	118.1	508.4	287.7	0.1
0:38:53	0:01:00	26.1	25.9	30.2	29.1	39.8	117.5	117.5	117.8	117.1	117.5	117.3	116.4	120.0	125.3	127.2	120.8	113.2	99.8	118.1	508.5	287.7	0.1
0:39:53	0:02:00	24.8	24.6	30.2	27.8	38.5	116.9	116.9	117.3	116.4	117.0	116.8	115.7	120.2	126.1	127.1	120.7	110.7	101.5	118.1	508.5	287.7	0.1
0:40:53	0:03:00	23.4	23.3	30.2	26.9	37.5	116.7	116.7	117.0	116.2	116.8	116.6	115.5	120.6	127.0	127.2	120.7	108.6	102.5	118.1	508.5	287.7	0.1
0:41:53	0:04:00	22.0	21.9	30.2	26.0	36.4	116.5	116.5	116.8	116.0	116.6	116.5	115.3	120.8	127.9	127.1	120.6	106.7	103.3	118.0	508.5	287.7	0.1
0:42:53	0:05:00	20.7	20.5	30.2	25.1	35.3	116.3	116.4	116.7	115.8	116.5	116.4	115.1	120.8	128.6	127.1	120.6	105.1	103.8	118.0	508.4	287.7	0.1

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 07/06/2015 14:04:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:43:01	0:05:08	20.5	20.3	30.2	25.1	35.3	116.3	116.4	116.7	115.8	116.4	116.3	115.1	120.7	127.7	127.1	120.6	105.0	103.9	118.0	508.5	287.7	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 127.3 MAX GAS TEMP: 115.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 127.1 MIN GAS TEMP: 105.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

INITIAL N2 WASH(1) (Loop:3/5) 07/06/2015 14:04:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:43:01	0:00:00	20.5	20.3	30.2	25.1	35.3	116.3	116.4	116.7	115.8	116.4	116.3	115.1	120.7	127.7	127.1	120.6	105.0	103.9	118.0	508.5	287.7	0.1
0:44:01	0:01:00	21.8	21.7	30.2	26.0	35.5	117.4	117.3	117.8	117.0	117.4	117.3	116.2	120.8	128.2	127.0	120.5	107.8	102.8	118.1	508.4	287.7	0.1
0:45:01	0:02:00	23.1	23.0	30.2	27.3	36.7	118.1	117.9	118.5	117.8	118.1	117.9	117.1	120.8	128.8	126.9	120.5	112.0	101.6	118.0	508.4	287.7	0.1
0:46:01	0:03:00	24.5	24.4	30.2	27.3	36.4	118.4	118.2	118.8	118.2	118.3	118.2	117.4	120.6	128.6	126.9	120.3	113.8	100.5	118.0	508.4	287.7	0.0
0:47:01	0:04:00	25.9	25.8	30.2	27.8	36.8	118.6	118.4	118.9	118.4	118.6	118.4	117.7	120.4	128.4	126.9	120.3	114.5	99.5	118.0	508.4	287.7	0.0
0:48:01	0:05:00	27.3	27.1	30.2	28.2	37.3	118.7	118.5	119.1	118.5	118.7	118.5	117.8	120.2	127.7	126.9	120.2	114.8	98.6	118.0	508.4	287.7	0.0

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 07/06/2015 14:09:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:48:14	0:05:13	27.5	27.4	30.2	28.2	37.3	118.7	118.5	119.1	118.5	118.8	118.6	117.9	120.8	128.2	126.9	120.1	114.8	98.5	118.0	508.5	287.7	0.0

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.8 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 127.2 MAX GAS TEMP: 114.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.0 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 126.8 MIN GAS TEMP: 104.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.1

INITIAL EVACUATION(2) (Loop:3/5) 07/06/2015 14:09:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:48:14	0:00:00	27.5	27.4	30.2	28.2	37.3	118.7	118.5	119.1	118.5	118.8	118.6	117.9	120.8	128.2	126.9	120.1	114.8	98.5	118.0	508.5	287.7	0.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000408

0:49:14	0:01:00	26.1	26.0	30.2	27.3	37.1	117.7	117.6	118.1	117.4	117.7	117.6	116.7	120.8	128.6	126.8	120.1	112.9	100.7	118.0	508.5	287.7	0.1
0:50:14	0:02:00	24.8	24.7	30.2	25.5	35.1	117.2	117.2	117.5	116.8	117.3	117.2	116.1	120.3	128.1	126.8	120.0	110.7	102.2	118.0	508.5	287.7	0.1
0:51:14	0:03:00	23.5	23.3	30.2	24.2	33.5	116.9	116.9	117.3	116.5	117.0	116.9	115.8	119.6	125.8	126.8	120.0	108.8	103.1	118.0	508.5	287.7	0.1
0:52:14	0:04:00	22.1	21.9	30.2	23.3	32.3	116.8	116.7	117.3	116.4	116.9	116.8	115.6	119.2	123.7	126.8	119.9	107.1	103.8	118.0	508.4	287.7	0.1
0:53:15	0:05:00	20.7	20.6	30.2	22.8	31.8	116.6	116.6	117.0	116.2	116.7	116.6	115.5	119.3	122.8	126.7	119.9	105.7	104.3	118.0	508.5	287.7	0.1

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 07/06/2015 14:14:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:25	0:05:11	20.5	20.4	30.2	22.8	31.8	116.7	116.7	117.1	116.2	116.8	116.7	115.5	119.3	124.7	126.7	119.9	105.4	104.4	118.0	508.5	287.7	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.8 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 126.9 MAX GAS TEMP: 114.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.4 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 126.7 MIN GAS TEMP: 105.4
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.9

INITIAL N2 WASH(1) (Loop:4/5) 07/06/2015 14:14:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:25	0:00:00	20.5	20.4	30.2	22.8	31.8	116.7	116.7	117.1	116.2	116.8	116.7	115.5	119.3	124.7	126.7	119.9	105.4	104.4	118.0	508.5	287.7	0.1
0:54:25	0:01:00	21.8	21.6	30.2	23.7	32.2	117.6	117.5	118.1	117.3	117.7	117.6	116.6	119.1	123.3	126.7	119.8	107.8	103.4	118.0	508.4	287.7	0.1
0:55:25	0:02:00	23.1	23.0	30.2	25.5	34.0	118.3	118.2	118.8	118.1	118.3	118.1	117.4	119.3	122.8	126.6	119.8	111.7	102.1	117.8	508.5	287.7	0.0
0:56:25	0:03:00	24.5	24.4	30.1	26.0	34.3	118.7	118.4	119.1	118.5	118.6	118.5	117.8	119.6	123.6	126.7	119.7	113.6	101.1	118.0	508.4	287.7	0.1
0:57:26	0:04:00	25.9	25.8	30.1	26.0	34.2	118.8	118.7	119.2	118.7	118.8	118.7	118.0	119.9	124.8	126.6	119.6	114.2	100.1	118.0	508.5	287.7	0.1
0:58:26	0:05:00	27.3	27.1	30.1	26.4	34.7	119.0	118.7	119.3	118.9	118.9	118.8	118.2	120.2	125.7	126.6	119.5	114.4	99.2	118.0	508.4	287.7	0.1

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 07/06/2015 14:20:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:36	0:05:11	27.5	27.4	30.1	26.4	34.7	119.0	118.7	119.3	118.9	118.9	118.9	118.2	119.6	123.7	126.6	119.5	114.4	99.0	118.0	508.5	287.7	0.0

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.9 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 126.8 MAX GAS TEMP: 114.4
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.4 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 126.5 MIN GAS TEMP: 105.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.5

INITIAL EVACUATION(2) (Loop:4/5) 07/06/2015 14:20:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:36	0:00:00	27.5	27.4	30.1	26.4	34.7	119.0	118.7	119.3	118.9	118.9	118.9	118.2	119.6	123.7	126.6	119.5	114.4	99.0	118.0	508.5	287.7	0.0
0:59:36	0:01:00	26.1	26.0	30.1	25.1	33.8	118.0	117.8	118.3	117.8	117.9	117.9	117.1	120.0	124.9	126.5	119.5	112.8	101.2	118.0	508.4	287.7	0.1
1:00:36	0:02:00	24.8	24.6	30.1	23.3	31.8	117.4	117.3	117.8	117.1	117.5	117.4	116.4	120.4	126.3	126.5	119.4	110.6	102.7	118.0	508.5	287.7	0.1
1:01:36	0:03:00	23.5	23.3	30.1	22.8	31.4	117.2	117.1	117.7	116.8	117.2	117.1	116.1	120.8	127.7	126.5	119.3	108.8	103.6	118.0	508.5	287.7	0.0
1:02:37	0:04:00	22.1	21.9	30.1	21.9	30.2	117.0	116.9	117.4	116.7	117.0	117.0	115.9	120.9	128.8	126.4	119.3	107.3	104.2	118.0	508.5	287.7	0.1
1:03:37	0:05:00	20.7	20.6	30.1	21.5	29.7	116.9	116.8	117.3	116.5	116.9	116.8	115.7	120.3	127.7	126.3	119.3	105.9	104.6	118.0	508.4	287.7	0.3

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 07/06/2015 14:25:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:47	0:05:11	20.5	20.4	30.1	21.0	29.1	116.9	116.8	117.3	116.5	116.9	116.9	115.8	121.0	128.8	126.4	119.2	105.7	104.7	118.0	508.4	287.7	0.0

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.9 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 126.7 MAX GAS TEMP: 114.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.7 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 126.3 MIN GAS TEMP: 105.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000409

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

PRESS CHANGE: 007.0

ETO USED 1: 000.1 ETO USED 2: 000.0 MAX VAP TEMP: 119.5

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.2

INITIAL N2 WASH(1) (Loop:5/5) 07/06/2015 14:25:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:47	0:00:00	20.5	20.4	30.1	21.0	29.1	116.9	116.8	117.3	116.5	116.9	116.9	115.8	121.0	128.8	126.4	119.2	105.7	104.7	118.0	508.4	287.7	0.0
1:04:47	0:01:00	21.8	21.7	30.1	22.4	30.2	117.9	117.6	118.4	117.6	117.9	117.8	116.8	120.6	128.6	126.3	119.2	107.7	103.7	118.0	508.5	287.7	0.1
1:05:48	0:02:00	23.1	23.0	30.1	23.3	30.9	118.5	118.2	119.0	118.4	118.4	118.4	117.6	120.1	127.4	126.3	119.2	111.4	102.5	118.0	508.4	287.7	0.0
1:06:48	0:03:00	24.5	24.4	30.1	24.2	31.9	118.8	118.5	119.2	118.7	118.7	118.7	118.0	119.6	125.9	126.3	119.1	113.1	101.4	118.1	508.5	287.7	0.1
1:07:48	0:04:00	25.9	25.8	30.1	25.1	32.8	119.0	118.7	119.4	119.0	118.9	118.8	118.2	119.2	124.1	126.2	119.2	113.7	100.4	118.3	508.4	287.7	0.1
1:08:48	0:05:00	27.3	27.1	30.1	25.1	32.7	119.1	118.8	119.5	119.1	119.2	119.0	118.4	119.2	122.6	126.2	122.5	114.9	99.5	118.8	508.4	287.7	0.0

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 07/06/2015 14:30:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:09:03	0:05:15	27.5	27.3	30.1	25.1	32.7	119.2	118.9	119.5	119.2	119.2	119.0	118.4	120.0	127.2	126.2	122.6	115.3	99.3	118.6	508.5	287.7	0.0

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 119.2 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 126.4 MAX GAS TEMP: 115.3

END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 126.1 MIN GAS TEMP: 105.4

PRESS CHANGE: 007.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 118.9

INITIAL EVACUATION(2) (Loop:5/5) 07/06/2015 14:30:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:09:03	0:00:00	27.5	27.3	30.1	25.1	32.7	119.2	118.9	119.5	119.2	119.2	119.0	118.4	120.0	127.2	126.2	122.6	115.3	99.3	118.6	508.5	287.7	0.0
1:10:03	0:01:00	26.1	26.0	30.1	23.3	31.2	118.1	117.9	118.5	118.0	118.1	118.0	117.3	119.2	123.9	126.1	122.7	113.7	101.5	118.6	508.5	287.7	0.0
1:11:03	0:02:00	24.8	24.6	30.1	22.4	30.4	117.6	117.5	117.9	117.4	117.6	117.5	116.7	119.3	122.8	126.1	122.6	111.5	102.8	118.6	508.5	287.7	0.0
1:12:03	0:03:00	23.5	23.3	30.1	21.9	29.9	117.4	117.3	117.8	117.1	117.4	117.4	116.3	119.7	123.9	126.1	122.7	109.7	103.7	118.6	508.5	287.7	0.1
1:13:04	0:04:00	22.1	21.9	30.1	21.0	28.8	117.2	117.1	117.7	116.9	117.3	117.2	116.2	120.3	125.6	126.1	122.7	108.1	104.4	118.7	508.4	287.7	0.1
1:14:04	0:05:00	20.7	20.5	30.1	20.5	28.4	117.0	116.9	117.4	116.7	117.0	117.1	116.0	120.7	126.9	126.1	122.6	106.7	104.9	118.7	508.4	287.7	0.0

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 07/06/2015 14:35:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:14:13	0:05:10	20.5	20.4	30.1	20.5	28.4	117.0	116.9	117.4	116.7	117.1	117.1	116.0	120.2	125.3	126.0	122.6	106.6	105.0	118.7	508.4	287.7	0.1

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 119.2 DRM1 START: 508.5 DRM2 START: 287.7 MAX PRE TEMP: 126.2 MAX GAS TEMP: 115.4

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 126.0 MIN GAS TEMP: 106.6

PRESS CHANGE: 007.0

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.8

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.6

HUMIDIFICATION(1) 07/06/2015 14:35:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:14:13	0:00:00	20.5	20.4	30.1	20.5	28.4	117.0	116.9	117.4	116.7	117.1	117.1	116.0	120.2	125.3	126.0	122.6	106.6	105.0	118.7	508.4	287.7	0.1
1:15:13	0:01:00	20.7	20.5	30.1	22.8	31.0	117.6	117.2	118.2	117.3	117.4	117.7	116.6	118.4	119.7	125.9	122.6	105.3	103.9	118.7	508.4	287.7	0.0
1:16:13	0:02:00	20.9	20.7	30.1	30.5	41.2	117.8	117.3	118.5	117.7	117.5	117.9	116.8	117.9	118.3	125.9	122.5	104.1	102.6	118.7	508.4	287.7	0.0
1:17:14	0:03:00	21.1	20.9	30.1	39.5	53.1	118.1	117.5	118.7	118.0	117.7	118.2	117.3	117.5	117.8	125.9	122.4	103.1	101.6	118.7	508.5	287.7	0.1

HUMIDIFICATION(1) SUMMARY 07/06/2015 14:38:51

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000410

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
1:17:19	0:03:05	21.2	21.1	30.2	40.4	54.3	118.1	117.5	118.7	118.0	117.7	118.2	117.3	117.5	117.7	125.9	122.4	103.0	101.5	118.7	508.4	287.7	0.1

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.2 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 126.0 MAX GAS TEMP: 106.6
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 116.0 DRM1 END: 508.5 DRM2 END: 287.7 MIN PRE TEMP: 125.9 MIN GAS TEMP: 103.0
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.4

HUMIDIFICATION DWELL(1) 07/06/2015 14:38:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:19	0:00:00	21.2	21.1	30.2	40.4	54.3	118.1	117.5	118.7	118.0	117.7	118.2	117.3	117.5	117.7	125.9	122.4	103.0	101.5	118.7	508.4	287.7	0.1
1:19:19	0:02:00	21.2	21.1	30.1	51.7	69.1	118.3	117.5	119.0	118.3	117.7	118.4	117.5	116.9	117.1	125.8	133.1	101.4	99.7	120.8	508.5	287.7	0.0
1:21:19	0:04:00	21.2	21.0	30.2	53.5	71.9	118.1	117.3	118.8	118.1	117.6	118.2	117.5	116.5	116.7	125.6	133.6	100.1	98.1	120.5	508.4	287.7	0.0
1:23:19	0:06:00	21.2	21.0	30.1	53.1	71.5	117.9	117.2	118.6	118.0	117.3	118.0	117.2	115.9	116.1	125.7	133.4	98.9	96.9	120.6	508.5	287.7	0.0
1:25:19	0:08:00	21.1	21.0	30.1	52.2	70.4	117.9	117.2	118.5	117.9	117.3	117.9	117.1	118.5	124.6	125.5	133.3	98.0	95.9	120.6	508.4	287.7	0.1
1:27:19	0:10:00	21.1	21.0	30.1	51.7	69.5	118.0	117.5	118.6	118.0	117.6	118.1	117.2	123.2	140.1	125.5	133.1	97.3	95.2	120.8	508.4	287.7	0.0
1:29:19	0:12:00	21.2	21.0	30.1	50.8	67.4	118.5	118.2	119.1	118.4	118.3	118.6	117.7	120.7	127.3	125.4	133.0	96.7	94.6	120.9	508.5	287.7	0.0
1:31:19	0:14:01	21.1	21.0	30.1	49.4	65.6	118.5	118.2	119.1	118.4	118.3	118.6	117.8	117.2	116.3	125.3	132.8	96.1	93.9	121.1	508.4	287.7	0.0
1:33:19	0:16:01	21.1	21.0	30.1	49.5	66.0	118.3	117.8	118.9	118.3	118.0	118.4	117.6	117.0	117.0	125.3	132.7	95.7	93.5	121.2	508.4	287.7	0.0
1:35:19	0:18:01	21.1	21.0	30.1	48.5	65.2	118.1	117.5	118.7	118.1	117.7	118.2	117.4	116.5	116.6	125.2	132.5	95.3	93.1	121.2	508.4	287.7	0.2
1:37:20	0:20:01	21.1	21.0	30.1	48.1	64.8	117.9	117.3	118.5	117.9	117.4	117.9	117.2	115.9	116.2	125.1	132.4	94.9	92.7	121.2	508.4	287.7	0.0
1:39:20	0:22:01	21.1	21.0	30.1	47.6	64.4	117.8	117.2	118.5	117.8	117.5	117.9	117.2	117.6	122.1	124.9	132.2	94.6	92.4	121.2	508.4	287.7	0.0
1:41:20	0:24:01	21.1	21.0	30.1	47.2	63.1	118.3	117.8	118.8	118.2	117.9	118.2	117.4	124.9	143.8	124.9	132.0	94.2	92.1	121.3	508.4	287.7	0.0
1:43:20	0:26:01	21.2	21.0	30.1	46.3	61.5	118.5	118.2	119.0	118.4	118.3	118.5	117.7	117.9	118.7	124.8	131.9	94.0	91.8	121.3	508.5	287.7	0.0
1:45:20	0:28:01	21.2	21.0	30.1	45.8	61.2	118.3	117.8	118.8	118.2	118.0	118.3	117.5	117.0	116.7	124.7	131.7	93.7	91.6	121.3	508.4	287.7	0.0
1:47:20	0:30:01	21.2	21.0	30.1	45.4	60.8	118.1	117.6	118.7	118.1	117.8	118.2	117.4	116.5	116.7	124.7	131.6	93.5	91.4	121.3	508.4	287.7	0.0
1:49:20	0:32:02	21.2	21.0	30.1	45.4	61.2	117.9	117.3	118.5	117.9	117.5	117.9	117.2	116.0	116.3	124.6	131.5	93.3	91.2	121.2	508.4	287.7	0.0
1:51:20	0:34:02	21.2	21.0	30.1	45.4	61.3	117.8	117.3	118.4	117.8	117.4	117.9	117.1	117.9	122.6	124.5	131.1	93.0	91.0	121.1	508.4	287.7	0.0
1:53:20	0:36:02	21.2	21.0	30.1	45.4	61.0	118.1	117.6	118.6	118.0	117.8	118.1	117.3	123.9	141.8	124.4	131.1	92.8	90.9	121.2	508.4	287.7	0.0
1:55:20	0:38:02	21.2	21.0	30.1	45.4	60.1	118.6	118.2	119.1	118.4	118.4	118.5	117.6	119.1	122.4	124.4	131.1	92.7	90.8	121.2	508.4	287.7	0.0
1:57:21	0:40:02	21.2	21.0	30.1	44.9	59.8	118.4	118.0	118.9	118.3	118.1	118.4	117.6	117.1	116.7	124.3	130.9	92.5	90.6	121.1	508.5	287.7	0.0
1:59:21	0:42:02	21.2	21.0	30.1	44.9	60.1	118.2	117.7	118.8	118.1	117.9	118.2	117.4	116.6	116.7	124.2	130.6	92.2	90.5	120.9	508.4	287.7	0.0
2:01:21	0:44:02	21.2	21.0	30.1	44.5	59.9	118.0	117.4	118.6	117.9	117.6	118.0	117.2	116.1	116.3	124.1	130.6	92.1	90.4	120.8	508.4	287.7	0.0
2:03:21	0:46:02	21.2	21.0	30.1	44.0	59.6	117.8	117.2	118.4	117.7	117.4	117.8	117.0	118.2	126.2	124.0	130.4	91.9	90.3	120.8	508.5	287.7	0.0
2:05:21	0:48:02	21.2	21.1	30.1	44.0	59.4	117.9	117.3	118.5	117.8	117.5	117.9	117.1	117.4	123.2	124.0	130.3	91.8	90.2	120.8	508.4	287.7	0.0
2:07:21	0:50:02	21.2	21.1	30.1	44.0	59.4	117.9	117.4	118.5	117.8	117.6	117.9	117.1	117.1	119.4	128.1	130.1	91.7	90.1	120.6	508.4	287.7	0.0
2:09:21	0:52:03	21.2	21.1	30.1	43.6	58.5	118.1	117.7	118.7	117.9	117.9	118.1	117.3	124.1	142.1	128.2	129.9	91.5	90.0	120.6	508.4	287.7	0.0
2:11:21	0:54:03	21.2	21.1	30.1	44.0	58.4	118.6	118.3	119.1	118.3	118.4	118.6	117.6	118.7	121.2	128.4	129.9	91.4	89.9	120.6	508.4	287.7	0.0
2:13:21	0:56:03	21.2	21.1	30.1	43.6	58.0	118.4	118.0	118.9	118.3	118.1	118.4	117.5	117.1	116.7	128.4	129.6	91.2	89.9	120.6	508.4	287.7	0.0
2:15:21	0:58:03	21.3	21.1	30.1	43.1	57.7	118.2	117.7	118.8	118.1	117.9	118.3	117.4	116.6	116.7	128.4	129.6	91.2	89.8	120.6	508.4	287.7	0.0

HUMIDIFICATION DWELL(1) SUMMARY 07/06/2015 15:38:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:19	1:00:00	21.3	21.1	30.1	43.1	58.0	118.0	117.5	118.6	117.9	117.7	118.1	117.2	116.0	116.2	128.2	129.4	91.0	89.8	120.5	508.4	287.7	0.1

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.6 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 103.0
END PRESS: 0021.3 MIN PRESS: 0021.1 MIN TEMP: 117.0 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 123.9 MIN GAS TEMP: 091.0
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 133.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.4

INITIAL EVACUATION(3) 07/06/2015 15:38:52

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000411

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

hh:mm:ss	hh:mm:ss	("HgA)	("HgA)	("HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
2:17:19	0:00:00	21.3	21.1	30.1	43.1	58.0	118.0	117.5	118.6	117.9	117.7	118.1	117.2	116.0	116.2	128.2	129.4	91.0	89.8	120.5	508.4	287.7	0.1

INITIAL EVACUATION(3) SUMMARY 07/06/2015 15:39:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:55	0:00:36	20.5	20.4	30.1	42.2	57.3	117.7	117.2	118.3	117.6	117.4	117.7	116.8	118.9	127.5	128.2	129.4	91.0	92.7	120.5	508.4	287.7	0.1

START PRESS: 0021.3 MAX PRESS: 0021.3 MAX TEMP: 118.1 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.3 MAX GAS TEMP: 091.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.4 DRM2 END: 287.7 MIN PRE TEMP: 128.2 MIN GAS TEMP: 091.0
PRESS CHANGE: 000.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 129.4
EO USED PHASE: 000.1 EO USED CYCLE:000.0 MIN VAP TEMP: 129.4

STERILANT INJECTION(1) 07/06/2015 15:39:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:55	0:00:00	20.5	20.4	30.1	42.2	57.3	117.7	117.2	118.3	117.6	117.4	117.7	116.8	118.9	127.5	128.2	129.4	91.0	92.7	120.5	508.4	287.7	0.1
2:18:55	0:01:00	21.1	21.0	30.1	42.7	57.5	117.9	117.4	118.5	117.8	117.6	118.0	117.1	117.8	122.3	127.5	128.8	112.5	92.8	120.5	508.4	277.2	0.0
2:19:55	0:02:00	21.9	21.8	30.1	44.5	59.5	118.2	117.7	118.8	118.1	117.9	118.3	117.4	121.8	135.2	126.7	131.9	121.8	92.3	121.5	508.4	276.9	41.9
2:20:55	0:03:00	22.5	22.4	30.1	46.7	62.2	118.4	117.9	119.0	118.3	118.1	118.4	117.6	117.9	121.5	125.9	131.3	122.2	91.9	120.9	508.4	276.9	94.4
2:21:55	0:04:00	23.2	23.0	30.1	49.4	65.9	118.3	117.8	118.9	118.3	118.0	118.4	117.6	116.5	117.0	125.3	130.3	116.5	91.6	120.8	508.4	276.9	148.4
2:22:55	0:05:00	24.0	23.8	30.1	51.7	69.0	118.3	117.7	118.9	118.3	117.9	118.4	117.6	116.3	116.4	124.6	129.1	117.1	91.3	120.6	508.4	276.9	200.9
2:23:55	0:06:00	24.7	24.5	30.1	53.5	71.7	118.2	117.5	118.8	118.2	117.8	118.2	117.5	116.1	116.2	124.6	131.0	116.8	91.1	122.9	508.4	276.9	256.4
2:24:55	0:07:01	25.3	25.1	30.1	55.3	74.4	118.0	117.3	118.6	118.0	117.5	118.0	117.3	115.8	115.9	124.4	131.9	117.9	90.9	121.2	508.4	276.9	310.4
2:25:55	0:08:01	26.0	25.8	30.1	56.2	75.9	117.9	117.2	118.5	117.9	117.5	118.0	117.3	119.0	128.6	124.1	131.1	115.3	90.8	121.1	508.4	275.2	365.9
2:26:55	0:09:01	26.7	26.5	30.1	58.5	78.6	118.0	117.4	118.6	118.1	117.6	118.1	117.4	118.0	123.1	127.3	130.4	117.1	90.7	120.8	508.4	271.5	420.0
2:27:56	0:10:01	27.3	27.2	30.1	59.4	79.7	118.1	117.5	118.7	118.1	117.8	118.2	117.5	116.8	118.8	126.8	129.4	118.2	90.6	120.8	508.4	271.6	473.8
2:28:56	0:11:01	28.0	27.8	30.1	61.2	82.2	118.1	117.5	118.6	118.1	117.7	118.1	117.5	116.1	117.0	126.0	130.8	119.5	90.5	122.9	508.4	270.6	526.6

STERILANT INJECTION(1) SUMMARY 07/06/2015 15:50:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:28:59	0:11:04	28.0	27.8	30.1	61.2	82.0	118.1	117.5	118.7	118.2	117.7	118.1	117.4	116.1	117.0	125.9	131.1	119.6	90.5	123.1	508.4	270.6	529.6

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.5 DRM1 START: 508.4 DRM2 START: 287.7 MAX PRE TEMP: 128.3 MAX GAS TEMP: 123.1
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 123.6 MIN GAS TEMP: 112.5
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 017.1 MAX VAP TEMP: 132.1
EO USED PHASE: 017.1 EO USED CYCLE:017.1 MIN VAP TEMP: 128.8

N2 BLANKET(1) 07/06/2015 15:50:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:28:59	0:00:00	28.0	27.8	30.1	61.2	82.0	118.1	117.5	118.7	118.2	117.7	118.1	117.4	116.1	117.0	125.9	131.1	119.6	90.5	123.1	508.4	270.6	529.6
2:29:59	0:01:00	28.7	28.5	30.1	61.6	82.5	118.2	117.6	118.7	118.2	117.8	118.1	117.5	115.8	116.3	125.6	132.5	120.8	90.4	121.3	508.4	270.6	576.2

N2 BLANKET(1) SUMMARY 07/06/2015 15:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:30	0:01:31	29.0	28.8	30.1	61.6	82.6	118.1	117.6	118.6	118.2	117.8	118.1	117.5	115.8	116.1	125.5	132.6	121.2	90.3	121.2	508.4	270.6	588.2

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.1 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.9 MAX GAS TEMP: 121.2
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.4 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 125.5 MIN GAS TEMP: 119.6
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000412

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

EO USED PHASE: 000.0 EO USED CYCLE:017.1

MIN VAP TEMP: 131.1

EXPOSURE(1) 07/06/2015 15:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:30	0:00:00	29.0	28.8	30.1	61.6	82.6	118.1	117.6	118.6	118.2	117.8	118.1	117.5	115.8	116.1	125.5	132.6	121.2	90.3	121.2	508.4	270.6	588.2
2:31:30	0:01:00	29.0	28.8	30.1	61.6	83.1	117.9	117.3	118.5	117.9	117.5	117.9	117.2	116.5	121.4	125.1	132.4	119.3	90.1	121.2	508.4	270.6	588.2
2:32:30	0:02:00	28.9	28.8	30.1	60.7	81.9	117.9	117.4	118.5	117.8	117.6	118.0	117.3	118.8	126.7	124.8	132.4	117.0	90.1	121.2	508.4	270.6	579.1
2:33:30	0:03:00	28.9	28.7	30.1	59.8	80.6	117.9	117.4	118.5	117.9	117.6	117.9	117.2	118.9	128.6	124.6	132.4	114.9	90.0	121.2	508.4	270.6	570.1
2:34:30	0:04:00	28.9	28.7	30.1	59.8	80.3	118.1	117.6	118.6	118.0	117.8	118.0	117.3	120.4	130.4	124.4	132.2	113.0	89.9	121.2	508.4	270.6	561.2
2:35:31	0:05:00	28.8	28.6	30.1	59.4	79.7	118.1	117.6	118.6	118.0	117.9	118.1	117.3	117.4	120.2	124.3	132.2	111.3	89.9	121.1	508.4	270.6	552.1
2:36:31	0:06:00	28.8	28.6	30.1	59.3	79.7	118.1	117.6	118.6	118.0	117.8	118.0	117.3	115.8	115.1	124.1	132.1	109.7	89.8	121.1	508.4	270.6	544.6
2:37:31	0:07:01	28.7	28.6	30.1	59.3	80.0	117.9	117.4	118.5	117.9	117.6	118.0	117.2	114.7	112.8	125.1	132.1	108.4	89.8	121.1	508.4	270.6	537.1
2:38:31	0:08:01	28.7	28.5	30.1	59.4	80.2	117.8	117.3	118.4	117.8	117.5	117.8	117.1	119.4	129.7	128.3	132.0	107.1	89.7	120.9	508.4	270.6	529.6
	BEGIN GAS ADDITION (0) (ravallone) 07/06/2015 16:00:13																						
2:38:40	0:08:10	28.7	28.5	30.1	59.4	80.2	117.8	117.3	118.4	117.8	117.5	117.8	117.1	119.7	130.0	128.4	131.9	106.9	89.7	120.9	508.4	270.6	529.6
	END GAS ADDITION (1) (ravallone) 07/06/2015 16:00:26																						
2:38:53	0:08:23	29.0	28.8	30.1	59.4	80.0	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.3	128.1	128.5	132.0	106.8	89.7	120.9	508.4	270.6	528.1
2:39:31	0:09:01	29.0	28.9	30.1	60.3	80.9	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.6	122.2	128.3	131.9	107.3	89.7	120.9	508.4	270.6	529.6
2:40:31	0:10:01	29.0	28.8	30.1	59.4	80.0	117.9	117.4	118.5	117.9	117.6	117.9	117.2	116.4	118.1	128.2	131.8	106.1	89.6	120.9	508.4	270.6	519.1
2:41:31	0:11:01	29.0	28.8	30.1	59.4	79.9	118.0	117.5	118.5	117.9	117.6	117.9	117.2	121.0	134.3	128.1	131.8	105.3	89.6	120.9	508.4	270.6	511.6
2:42:31	0:12:01	28.9	28.8	30.1	59.4	79.5	118.2	117.8	118.7	118.1	118.0	118.1	117.3	123.9	142.3	127.9	131.7	104.3	89.6	120.9	508.4	270.6	505.5
2:43:31	0:13:01	28.9	28.7	30.1	59.4	79.2	118.3	118.0	118.8	118.2	118.3	118.3	117.5	119.7	126.3	127.7	131.7	103.4	89.6	120.9	508.4	270.6	498.0
2:44:31	0:14:01	28.9	28.7	30.1	58.9	78.4	118.4	118.0	118.9	118.3	118.3	118.4	117.7	117.2	117.9	127.7	131.5	102.6	89.5	120.9	508.4	270.6	493.5
2:45:32	0:15:01	28.9	28.7	30.1	59.3	79.1	118.3	117.9	118.9	118.2	118.1	118.3	117.6	116.7	116.5	127.7	131.5	101.9	89.4	120.8	508.4	270.6	489.0
2:46:32	0:16:01	28.8	28.7	30.1	58.9	78.7	118.3	117.8	118.8	118.2	118.0	118.2	117.5	116.6	116.5	127.6	131.4	101.2	89.4	120.8	508.4	270.6	483.0
2:47:32	0:17:02	28.8	28.6	30.1	59.4	79.4	118.2	117.7	118.8	118.1	117.9	118.1	117.4	116.2	116.3	127.5	131.3	100.5	89.5	120.8	508.4	270.6	480.0
2:48:32	0:18:02	28.8	28.6	30.1	58.9	79.1	118.1	117.6	118.6	118.0	117.8	118.1	117.3	115.9	116.1	127.4	131.3	99.9	89.4	120.8	508.4	270.6	475.5
2:49:32	0:19:02	28.8	28.6	30.1	59.4	79.9	118.0	117.5	118.5	118.0	117.7	118.0	117.3	115.8	115.8	127.5	131.1	99.4	89.4	120.8	508.4	270.6	471.0
2:50:32	0:20:02	28.8	28.6	30.1	59.3	80.0	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.6	117.3	127.6	131.1	98.9	89.4	120.8	508.4	270.6	468.0
2:51:32	0:21:02	28.7	28.6	30.1	59.3	80.0	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.2	127.8	127.4	131.0	98.5	89.3	120.6	508.4	270.6	463.5
2:52:32	0:22:02	28.7	28.5	30.1	59.4	79.9	118.0	117.5	118.5	117.9	117.7	118.0	117.2	117.1	120.3	127.3	130.9	98.0	89.4	120.6	508.4	270.6	460.5
2:53:32	0:23:02	28.7	28.5	30.1	59.3	79.9	118.0	117.5	118.5	117.9	117.7	117.9	117.2	120.3	131.3	127.3	130.9	97.6	89.4	120.8	508.4	270.6	459.0
	BEGIN GAS ADDITION (1) (ravallone) 07/06/2015 16:15:16																						
2:53:43	0:23:13	28.7	28.5	30.1	59.3	79.9	118.0	117.5	118.5	117.9	117.7	117.9	117.2	120.1	130.0	127.3	130.9	97.5	89.3	120.6	508.4	270.6	457.5
	END GAS ADDITION (2) (ravallone) 07/06/2015 16:15:28																						
2:53:56	0:23:26	29.0	28.8	30.1	59.4	79.7	118.1	117.6	118.6	118.0	117.8	118.0	117.3	119.5	127.7	127.2	130.9	97.9	89.3	120.6	508.4	270.6	457.5
2:54:32	0:24:02	29.0	28.9	30.1	60.3	80.7	118.2	117.7	118.7	118.1	117.9	118.1	117.5	117.8	121.9	127.2	130.8	99.7	89.3	120.6	508.4	270.6	460.5
2:55:33	0:25:02	29.0	28.8	30.1	59.4	79.7	118.1	117.6	118.6	118.0	117.8	118.1	117.4	116.3	117.2	127.1	130.6	99.2	89.3	120.6	508.4	270.6	453.0
2:56:33	0:26:02	29.0	28.8	30.1	59.4	79.9	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.0	116.3	127.1	130.6	98.7	89.3	120.6	508.4	270.6	450.0
2:57:33	0:27:03	29.0	28.8	30.1	59.4	80.1	117.9	117.4	118.5	117.8	117.6	117.9	117.1	117.0	122.3	127.1	130.6	98.2	89.3	120.6	508.4	270.6	444.1
2:58:33	0:28:03	29.0	28.8	30.1	58.9	79.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	118.8	125.8	127.0	130.4	97.7	89.3	120.6	508.4	270.6	442.5
2:59:33	0:29:03	28.9	28.8	30.1	59.3	79.8	118.0	117.5	118.6	117.9	117.6	118.0	117.2	116.9	119.6	126.9	130.4	97.2	89.2	120.6	508.4	270.6	439.5
3:00:33	0:30:03	28.9	28.8	30.1	58.9	79.3	118.0	117.5	118.5	117.9	117.7	117.9	117.2	117.4	123.4	126.8	130.3	96.7	89.3	120.6	508.4	270.6	436.5
3:01:33	0:31:03	28.9	28.8	30.1	58.9	79.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	118.7	125.1	126.8	130.3	96.3	89.2	120.5	508.4	270.6	435.0
3:02:33	0:32:03	28.9	28.7	30.1	58.5	78.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.1	119.5	126.8	130.1	96.0	89.3	120.6	508.4	270.6	432.0
3:03:33	0:33:03	28.9	28.7	30.1	58.5	78.7	118.0	117.5	118.5	117.9	117.8	118.0	117.2	116.5	117.5	126.7	130.1	95.7	89.3	120.6	508.4	270.6	430.5
3:04:33	0:34:03	28.9	28.7	30.1	58.4	78.8	117.9	117.5	118.5	117.8	117.6	117.9	117.1	118.1	125.4	126.6	129.9	95.3	89.2	120.3	508.4	270.6	427.4
3:05:34	0:35:03	28.9	28.7	30.1	58.9	79.2	118.0	117.6	118.6	117.9	117.8	118.0	117.2	118.4	124.3	126.6	129.9	95.0	89.3	120.5	508.4	270.6	427.4
3:06:34	0:36:04	28.9	28.7	30.1	58.5	78.6	118.0	117.6	118.6	117.9	117.8	118.1	117.3	117.0	119.2	126.6	129.9	94.8	89.2	120.5	508.4	270.6	423.0
3:07:34	0:37:04	28.8	28.7	30.1	58.5	78.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.4	117.4	126.5	129.9	94.5	89.2	120.3	508.4	270.6	421.5
3:08:34	0:38:04	28.8	28.7	30.1	58.5	78.6	118.0	117.5	118.6	117.9	117.6	117.9	117.2	116.1	117.8	126.4	129.9	94.3	89.2	120.3	508.4	270.6	420.2
3:09:34	0:39:04	28.8	28.7	30.1	58.3	78.6	117.9	117.5	118.5	117.8	117.7	117.9	117.2	119.2	127.4	126.2	129.6	94.0	89.1	120.3	508.4	270.6	418.5
3:10:34	0:40:04	28.8	28.6	30.1	58.5	78.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	117.2	120.3	126.3	129.6	93.8	89.1	120.3	508.5	270.6	415.5
3:11:34	0:41:04	28.8	28.6	30.1	58.5	78.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	116.4	117.7	126.3	129.6	93.6	89.1	120.3	508.4	270.6	412.5
3:12:34	0:42:04	28.8	28.6	30.1	58.5	78.7	118.0	117.5	118.5	117.9	117.6	117.9	117.1	118.6	126.9	126.2	129.6	93.5	89.0	120.3	508.4	270.6	411.0
3:13:34	0:43:04	28.8	28.6	30.1	58.4	78.5	118.1	117.7	118.6	117.9	117.9	118.1	117.3	122.7	139.6	126.2	129.4	93.3	89.1	120.3	508.4	270.6	410.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000413

3:14:34	0:44:04	28.8	28.6	30.1	58.4	78.0	118.3	118.0	118.8	118.1	118.3	118.3	117.5	121.1	131.2	126.1	129.4	93.1	89.1	120.3	508.4	270.6	409.4
3:15:35	0:45:04	28.8	28.6	30.1	58.0	77.2	118.4	118.2	118.9	118.2	118.3	118.3	117.6	117.7	119.7	126.1	129.3	92.9	89.0	120.3	508.5	270.6	406.5
3:16:35	0:46:05	28.8	28.6	30.1	58.5	77.9	118.3	117.9	118.9	118.2	118.3	118.3	117.6	116.7	116.7	126.0	129.1	92.8	89.0	120.3	508.4	270.6	405.0
3:17:35	0:47:05	28.8	28.6	30.1	58.5	78.1	118.3	117.9	118.8	118.2	118.1	118.3	117.5	116.5	116.5	125.9	129.1	92.7	89.0	120.3	508.4	270.6	405.0
3:18:35	0:48:05	28.7	28.6	30.1	58.4	78.2	118.2	117.8	118.8	118.1	118.0	118.2	117.5	116.2	116.3	125.9	129.0	92.5	89.0	120.3	508.4	270.6	403.4
3:19:35	0:49:05	28.7	28.6	30.1	58.0	77.8	118.1	117.7	118.7	118.0	117.9	118.2	117.4	116.0	116.1	125.9	129.0	92.4	89.0	120.2	508.4	270.6	402.0
3:20:35	0:50:05	28.7	28.6	30.1	58.0	78.0	118.0	117.6	118.6	117.9	117.8	118.0	117.3	115.6	115.8	125.7	131.6	92.2	88.9	122.2	508.4	270.6	400.5
3:21:35	0:51:05	28.7	28.5	30.1	58.0	78.1	118.0	117.5	118.5	117.9	117.7	118.0	117.3	115.4	115.6	125.8	132.7	92.1	88.9	120.8	508.4	270.6	399.0
	BEGIN GAS ADDITION (2) (ravallone) 07/06/2015 16:44:01																						
3:22:38	0:51:58	28.7	28.5	30.1	58.0	78.2	117.9	117.4	118.5	117.8	117.6	117.9	117.1	119.2	129.7	125.7	132.8	92.0	88.9	120.6	508.4	270.6	397.4
3:22:35	0:52:05	28.9	28.7	30.1	58.0	78.1	118.0	117.5	118.5	117.9	117.6	117.9	117.2	119.7	130.5	125.6	132.8	92.1	88.9	120.6	508.5	270.6	397.4
	END GAS ADDITION (3) (ravallone) 07/06/2015 16:44:13																						
3:22:41	0:52:10	29.0	28.8	30.1	58.0	78.0	118.0	117.5	118.6	117.9	117.6	117.9	117.2	119.8	130.2	125.6	132.8	92.8	88.9	120.6	508.4	270.6	397.4
3:23:35	0:53:05	29.0	28.9	30.1	58.5	78.5	118.1	117.6	118.6	118.0	117.8	118.0	117.3	117.4	121.9	125.6	132.7	95.7	88.9	120.6	508.4	270.6	399.0
3:24:35	0:54:05	29.0	28.9	30.1	58.0	78.0	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.4	118.1	125.5	132.7	95.2	88.9	120.6	508.4	270.6	395.9
3:25:36	0:55:05	29.0	28.8	30.1	58.0	78.3	117.9	117.4	118.5	117.8	117.6	117.9	117.2	115.9	117.6	125.5	132.6	94.7	88.9	120.6	508.4	270.6	393.0
3:26:36	0:56:06	29.0	28.8	30.1	58.0	78.1	118.0	117.5	118.5	117.9	117.7	118.0	117.1	119.4	128.1	125.5	132.5	94.3	88.9	120.6	508.4	270.6	391.5
3:27:36	0:57:06	29.0	28.8	30.1	57.6	77.4	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.2	120.5	125.5	132.4	93.9	88.9	120.6	508.4	270.6	390.0
3:28:36	0:58:06	29.0	28.8	30.1	57.5	77.5	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.4	117.8	125.3	132.3	93.5	88.8	120.6	508.4	270.6	388.4
3:29:36	0:59:06	29.0	28.8	30.1	57.6	77.6	117.9	117.5	118.5	117.8	117.6	117.9	117.1	116.4	120.1	125.3	132.3	93.2	88.8	120.6	508.4	270.6	387.0

EXPOSURE(1) SUMMARY 07/06/2015 16:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:30	1:00:00	29.0	28.8	30.1	57.6	77.6	117.9	117.5	118.5	117.8	117.7	117.9	117.2	119.3	127.7	125.2	132.1	92.8	88.8	120.6	508.4	270.6	385.5

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.4 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 128.5 MAX GAS TEMP: 121.2
END PRESS: 0029.0 MIN PRESS: 0028.7 MIN TEMP: 117.1 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 123.9 MIN GAS TEMP: 092.0
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.8
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 128.9

EXPOSURE(2) 07/06/2015 16:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:30	0:00:00	29.0	28.8	30.1	57.6	77.6	117.9	117.5	118.5	117.8	117.7	117.9	117.2	119.3	127.7	125.2	132.1	92.8	88.8	120.6	508.4	270.6	385.5
3:31:30	0:01:00	29.0	28.8	30.1	57.6	77.6	117.9	117.5	118.5	117.8	117.8	118.0	117.2	117.2	120.4	125.1	132.1	92.6	88.8	120.6	508.4	270.6	385.5
3:32:30	0:02:00	29.0	28.8	30.1	57.5	77.6	117.9	117.5	118.5	117.8	117.7	117.9	117.2	116.4	117.8	125.2	132.0	92.4	88.8	120.6	508.4	270.6	383.9
3:33:30	0:03:00	29.0	28.8	30.1	57.6	77.5	118.0	117.5	118.5	117.9	117.6	117.9	117.2	117.4	123.3	125.1	132.0	92.2	88.8	120.6	508.4	270.5	382.5
3:34:31	0:04:00	29.0	28.8	30.1	57.5	77.4	118.0	117.6	118.6	117.9	117.9	118.0	117.3	122.2	138.2	125.1	131.8	91.9	88.8	120.6	508.4	270.6	382.4
3:35:31	0:05:00	29.0	28.8	30.1	57.6	76.9	118.3	117.9	118.8	118.1	118.3	118.3	117.5	121.1	131.8	125.0	131.8	91.8	88.7	120.6	508.4	270.6	381.0
3:36:31	0:06:00	29.0	28.8	30.1	57.6	76.7	118.4	118.0	118.9	118.2	118.3	118.4	117.6	117.5	119.8	124.8	131.7	91.6	88.7	120.6	508.4	270.6	380.9
3:37:31	0:07:01	28.9	28.8	30.1	57.5	76.8	118.3	117.9	118.9	118.1	118.1	118.3	117.5	116.6	116.8	124.8	131.7	91.4	88.7	120.6	508.4	270.6	381.0
3:38:31	0:08:01	28.9	28.8	30.1	57.5	76.9	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.4	116.4	124.8	131.6	91.3	88.7	120.6	508.4	270.5	379.4
3:39:31	0:09:01	28.9	28.8	30.1	57.6	77.2	118.1	117.7	118.7	118.0	117.9	118.1	117.4	116.1	116.3	124.8	131.5	91.2	88.7	120.6	508.4	270.6	378.0
3:40:31	0:10:01	28.9	28.8	30.1	57.5	77.2	118.1	117.6	118.7	118.0	117.8	118.0	117.3	115.8	116.0	124.6	131.5	91.1	88.7	120.6	508.4	270.6	377.9
3:41:31	0:11:01	28.9	28.8	30.1	57.5	77.4	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.6	115.7	124.6	131.3	90.9	88.7	120.6	508.4	270.6	376.4
3:42:31	0:12:01	28.9	28.7	30.1	57.1	77.0	117.9	117.4	118.5	117.8	117.7	118.0	117.2	119.3	129.9	124.7	131.1	90.8	88.7	120.6	508.4	270.6	374.9
3:43:31	0:13:01	28.9	28.7	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.8	118.0	117.2	117.7	122.7	124.6	131.1	90.7	88.7	120.6	508.4	270.6	375.0
3:44:32	0:14:01	28.9	28.7	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.1	117.3	116.5	118.4	124.6	131.1	90.6	88.7	120.5	508.4	270.6	374.9
3:45:32	0:15:01	28.9	28.7	30.1	57.1	77.0	117.9	117.5	118.5	117.8	117.7	118.0	117.2	115.9	116.8	124.3	131.1	90.5	88.6	120.5	508.4	270.6	373.5
3:46:32	0:16:01	28.9	28.7	30.1	57.1	77.0	117.9	117.5	118.5	117.8	117.7	118.0	117.2	119.9	130.1	124.4	131.0	90.4	88.6	120.5	508.5	270.6	373.5
3:47:32	0:17:02	28.9	28.7	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.1	117.3	117.4	121.6	124.3	130.9	90.4	88.6	120.5	508.4	270.6	372.0
3:48:32	0:18:02	28.9	28.7	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.0	117.2	116.4	118.1	124.3	130.8	90.3	88.7	120.5	508.4	270.6	372.0
3:49:32	0:19:02	28.9	28.7	30.1	57.1	76.9	118.0	117.5	118.6	117.8	117.7	118.0	117.2	115.9	116.7	124.2	130.6	90.2	88.6	120.3	508.4	270.6	370.5
3:50:32	0:20:02	28.9	28.7	30.1	57.1	77.1	117.9	117.4	118.5	117.7	117.7	118.0	117.2	118.6	127.7	124.2	130.6	90.1	88.6	120.3	508.4	270.6	370.5
3:51:32	0:21:02	28.9	28.7	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.7	117.9	117.2	118.1	123.8	124.1	130.6	90.1	88.6	120.3	508.4	270.6	370.4

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000414

3:52:32	0:22:02	28.9	28.7	30.1	57.1	76.9	117.9	117.5	118.5	117.8	117.7	118.0	117.2	116.7	118.9	124.0	130.4	90.0	88.6	120.3	508.4	270.6	368.9
3:53:32	0:23:02	28.9	28.7	30.1	57.1	77.0	117.9	117.5	118.5	117.8	117.6	118.0	117.1	116.1	118.0	124.0	130.4	89.9	88.5	120.3	508.4	270.6	369.0
3:54:33	0:24:02	28.9	28.7	30.1	57.1	76.9	118.0	117.5	118.6	117.8	117.7	118.0	117.2	119.4	127.7	124.9	130.4	89.9	88.5	120.3	508.4	270.6	367.4
3:55:33	0:25:02	28.9	28.7	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.2	120.4	128.5	130.3	89.9	88.5	120.3	508.4	270.6	367.4
3:56:33	0:26:02	28.8	28.7	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.4	117.7	128.3	130.1	89.7	88.5	120.3	508.4	270.5	365.9
3:57:33	0:27:03	28.8	28.7	30.1	57.1	76.9	117.9	117.5	118.5	117.8	117.7	118.0	117.2	119.3	129.4	128.0	130.1	89.7	88.5	120.2	508.4	270.6	365.9
3:58:33	0:28:03	28.8	28.7	30.1	57.1	76.5	118.2	117.8	118.7	118.0	118.0	118.2	117.4	123.2	140.5	128.4	130.1	89.6	88.5	120.2	508.4	270.6	364.5
3:59:33	0:29:03	28.9	28.7	30.1	57.1	76.1	118.4	118.0	118.9	118.2	118.3	118.3	117.5	119.2	125.7	128.4	129.9	89.5	88.5	120.3	508.5	270.6	364.5
4:00:33	0:30:03	28.8	28.7	30.1	57.1	76.1	118.4	118.0	118.9	118.2	118.3	118.3	117.5	116.8	117.7	128.3	129.9	89.5	88.5	120.2	508.4	270.6	364.4
4:01:33	0:31:03	28.8	28.7	30.1	57.1	76.1	118.3	117.9	118.9	118.2	118.1	118.3	117.5	116.5	116.6	128.2	129.9	89.5	88.5	120.2	508.4	270.6	364.5
4:02:33	0:32:03	28.8	28.7	30.1	57.1	76.3	118.2	117.8	118.8	118.1	118.0	118.2	117.4	116.2	116.4	128.1	129.8	89.5	88.4	120.2	508.4	270.6	364.5
4:03:33	0:33:03	28.8	28.7	30.1	57.1	76.6	118.1	117.7	118.7	118.0	117.9	118.2	117.4	115.9	116.1	128.2	129.6	89.4	88.5	120.2	508.4	270.6	363.0
4:04:34	0:34:03	28.8	28.6	30.1	57.1	76.6	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.6	115.8	127.9	129.6	89.4	88.5	120.1	508.4	270.6	363.0
4:05:34	0:35:03	28.8	28.6	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	117.9	117.2	115.4	115.5	128.0	129.6	89.3	88.4	120.1	508.4	270.6	361.4
4:06:34	0:36:04	28.8	28.6	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.8	130.6	128.0	129.6	89.3	88.4	120.1	508.4	270.6	361.5
4:07:34	0:37:04	28.8	28.6	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.3	121.6	128.0	129.4	89.3	88.4	119.9	508.4	270.6	360.0
4:08:34	0:38:04	28.8	28.6	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.3	117.9	127.9	129.4	89.3	88.4	120.1	508.4	270.6	360.0
4:09:34	0:39:04	28.8	28.6	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.8	116.6	127.9	129.3	89.2	88.4	119.9	508.4	270.6	360.0
4:10:34	0:40:04	28.8	28.6	30.1	56.6	76.4	117.9	117.4	118.5	117.8	117.7	118.0	117.2	119.8	130.6	127.9	129.1	89.2	88.4	119.9	508.4	270.5	360.0
4:11:34	0:41:04	28.8	28.6	30.1	56.7	76.3	118.0	117.5	118.6	117.8	117.8	118.1	117.2	117.5	121.9	128.0	129.0	89.1	88.4	119.9	508.4	270.6	359.9
4:12:34	0:42:04	28.8	28.6	30.1	56.7	76.3	118.0	117.5	118.6	117.8	117.7	118.0	117.2	116.4	118.2	127.6	129.0	89.0	88.4	119.8	508.4	270.6	358.5
4:13:34	0:43:04	28.8	28.6	30.1	57.1	77.0	117.9	117.5	118.5	117.8	117.7	118.0	117.2	115.9	116.8	127.7	128.9	89.0	88.3	119.8	508.4	270.6	360.0
4:14:35	0:44:04	28.8	28.6	30.1	57.1	76.9	117.9	117.5	118.5	117.8	117.6	117.9	117.1	119.6	130.1	127.6	128.8	89.0	88.3	119.8	508.4	270.6	358.4
4:15:35	0:45:04	28.8	28.6	30.1	56.6	76.2	118.0	117.6	118.5	117.9	117.8	118.0	117.2	117.6	122.3	127.6	128.8	89.0	88.4	119.8	508.4	270.6	356.9
4:16:35	0:46:05	28.8	28.6	30.1	56.6	76.3	117.9	117.5	118.5	117.8	117.8	118.0	117.2	116.5	118.4	127.6	128.8	89.0	88.4	119.8	508.4	270.6	357.0
4:17:35	0:47:05	28.8	28.6	30.1	57.1	77.0	117.9	117.5	118.5	117.8	117.7	117.9	117.1	115.9	117.4	127.6	128.7	88.9	88.4	119.8	508.4	270.6	355.5
4:18:35	0:48:05	28.8	28.6	30.1	56.7	76.4	117.9	117.5	118.5	117.8	117.8	118.0	117.2	119.3	127.7	127.6	128.7	89.0	88.4	119.8	508.5	270.6	355.4
4:19:35	0:49:05	28.8	28.6	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.2	120.4	127.6	128.6	88.9	88.4	119.8	508.4	270.6	355.5
4:20:35	0:50:05	28.8	28.6	30.1	56.7	76.2	118.0	117.6	118.6	117.8	117.8	118.1	117.2	116.4	117.7	127.5	128.6	88.9	88.4	119.8	508.4	270.6	355.5
4:21:35	0:51:05	28.8	28.6	30.1	56.7	76.4	117.9	117.5	118.5	117.8	117.6	117.9	117.1	118.3	126.2	127.5	128.4	88.9	88.3	119.8	508.4	270.6	355.5
4:22:35	0:52:05	28.8	28.6	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.1	117.2	118.3	124.2	127.3	128.3	88.9	88.3	119.8	508.4	270.6	355.5
4:23:35	0:53:05	28.8	28.6	30.1	56.2	75.5	118.1	117.7	118.6	117.9	117.9	118.1	117.3	116.9	119.2	127.3	128.3	88.9	88.4	119.8	508.4	270.6	354.0
4:24:36	0:54:05	28.8	28.6	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.1	117.2	116.2	117.3	127.3	128.1	88.8	88.4	119.8	508.4	270.6	353.9
4:25:36	0:55:05	28.8	28.6	30.1	56.2	75.7	117.9	117.5	118.5	117.8	117.7	118.0	117.2	115.8	116.4	127.2	128.1	88.8	88.4	119.8	508.5	270.6	354.0
4:26:36	0:56:06	28.8	28.6	30.1	56.2	75.9	117.9	117.4	118.5	117.7	117.6	117.9	117.1	118.8	128.2	127.0	128.1	88.8	88.3	119.7	508.4	270.6	354.0
4:27:36	0:57:06	28.8	28.6	30.1	56.2	75.6	118.0	117.6	118.6	117.8	117.8	118.0	117.2	117.9	123.4	127.1	127.9	88.7	88.4	119.7	508.4	270.6	352.4
4:28:36	0:58:06	28.8	28.6	30.1	56.7	76.3	118.0	117.5	118.6	117.8	117.8	118.0	117.2	116.6	118.8	127.1	127.9	88.7	88.3	119.7	508.4	270.6	352.0
4:29:36	0:59:06	28.8	28.6	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	116.0	118.4	127.2	127.8	88.7	88.4	119.7	508.4	270.6	352.4
4:30:36	1:00:06	28.8	28.6	30.1	56.2	75.6	118.0	117.6	118.6	117.8	117.8	118.0	117.2	121.6	136.4	126.9	127.8	88.7	88.3	119.7	508.4	270.6	351.0
4:31:36	1:01:06	28.8	28.6	30.1	56.2	75.0	118.3	118.0	118.8	118.1	118.1	118.3	117.4	121.9	134.4	126.7	127.8	88.7	88.3	119.7	508.4	270.6	351.0
4:32:36	1:02:06	28.8	28.6	30.1	56.2	74.8	118.4	118.2	118.9	118.2	118.3	118.4	117.5	117.7	120.7	126.8	127.6	88.6	88.3	119.7	508.4	270.6	350.9
4:33:36	1:03:06	28.8	28.6	30.1	56.2	75.1	118.3	117.9	118.8	118.1	118.3	118.3	117.5	116.6	117.0	126.9	127.6	88.6	88.4	119.7	508.4	270.6	351.0
4:34:37	1:04:06	28.8	28.6	30.1	56.2	75.1	118.3	117.9	118.8	118.1	118.0	118.3	117.5	116.4	116.5	126.8	127.6	88.7	88.3	119.7	508.4	270.6	351.0
4:35:37	1:05:06	28.8	28.6	30.1	56.7	75.9	118.1	117.7	118.7	118.0	117.9	118.1	117.3	116.1	116.2	126.8	127.4	88.7	88.3	119.6	508.4	270.6	351.0
4:36:37	1:06:06	28.7	28.6	30.1	56.2	75.5	118.1	117.6	118.7	117.9	117.8	118.1	117.3	115.8	115.9	126.6	127.3	88.6	88.3	119.7	508.4	270.6	349.5
4:37:37	1:07:07	28.7	28.6	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.4	115.6	126.6	127.3	88.6	88.3	119.6	508.5	270.6	349.5
4:38:37	1:08:07	28.8	28.6	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.1	117.2	119.9	132.0	126.5	127.3	88.6	88.2	119.4	508.4	270.6	349.4
4:39:37	1:09:07	28.7	28.6	30.1	56.2	75.1	118.2	117.9	118.8	118.0	118.0	118.2	117.3	122.5	137.8	126.7	127.3	88.6	88.3	119.6	508.4	270.6	349.4
4:40:37	1:10:07	28.7	28.6	30.1	56.2	75.0	118.3	118.0	118.9	118.1	118.1	118.3	117.5	117.9	122.0	126.5	127.1	88.6	88.2	119.4	508.4	270.6	349.5
4:41:37	1:11:07	28.7	28.6	30.1	56.2	75.0	118.3	117.9	118.9	118.1	118.1	118.3	117.5	116.5	117.2	126.5	127.1	88.6	88.3	119.4	508.4	270.5	349.5
4:42:37	1:12:07	28.7	28.6	30.1	56.2	75.2	118.2	117.8	118.8	118.0	118.0	118.3	117.4	116.2	116.4	126.3	127.1	88.5	88.2	119.4	508.4	270.6	348.0
4:43:37	1:13:07	28.7	28.6	30.1	56.2	75.5	118.1	117.6	118.6	118.0	117.9	118.1	117.3	115.9	116.0	126.4	126.9	88.5	88.2	119.4	508.4	270.6	348.0
4:44:38	1:14:07	28.7	28.6	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.0	117.3	115.6	115.7	126.0	126.8	88.5	88.2	119.4	508.4	270.6	346.5
4:45:38	1:15:07	28.7	28.5	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.3	115.5	126.0	126.8	88.5	88.2	119.4	508.4	270.6	346.5
4:46:38	1:16:08	28.7	28.6	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	119.7	129.9	126.3	126.7	88.4	88.2	119.4	508.4	270.6	346.5
4:47:38	1:17:08	28.7	28.5	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.1	117.3	117.1	121.1	126.3	126.6	88.5	88.2	119.4	508.4	270.6	346.4
4:48:38	1:18:08	28.7	28.5	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.8	118.0	117.2	116.2	117.7	126.3	126.6	88.4	88.2	119.4	508.4	270.6	346.4
4:49:38	1:19:08	28.7	28.5	30.1	56.2	75.7	117.9	117.5	118.5	117.8	117.7	118.0	117.2	115.8	116.4	125.9	126.5	88.4	88.1	119.3	508.4	270.6	346.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000415

4:50:38	1:20:08	28.7	28.5	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	119.7	130.0	126.1	126.4	88.4	88.2	119.3	508.4	270.6	346.5
4:51:38	1:21:08	28.7	28.5	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.2	121.3	126.1	126.3	88.4	88.2	119.3	508.4	270.6	346.5
4:52:38	1:22:08	28.7	28.5	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	116.3	117.9	126.1	126.3	88.3	88.2	119.3	508.4	270.6	346.5
4:53:38	1:23:08	28.7	28.5	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.7	118.0	117.2	116.0	119.1	126.1	126.2	88.3	88.2	119.2	508.4	270.6	346.5
4:54:39	1:24:08	28.7	28.5	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	121.6	136.6	126.0	126.2	88.3	88.1	119.2	508.4	270.6	346.5
4:55:39	1:25:08	28.7	28.5	30.1	56.2	75.2	118.2	117.9	118.8	118.0	118.1	118.2	117.4	122.5	136.6	125.7	126.1	88.3	88.1	119.2	508.4	270.6	345.0
4:56:39	1:26:09	28.7	28.5	30.1	56.2	74.8	118.4	118.2	118.9	118.2	118.3	118.3	117.5	118.0	121.6	126.0	126.1	88.3	88.1	119.2	508.4	270.6	345.0
4:57:39	1:27:09	28.7	28.5	30.1	56.2	74.9	118.4	118.0	118.9	118.2	118.3	118.4	117.6	116.6	117.1	126.1	126.0	88.3	88.2	119.2	508.4	270.6	344.9
4:58:39	1:28:09	28.7	28.5	30.1	56.2	75.1	118.3	117.9	118.8	118.1	118.1	118.3	117.5	116.4	116.5	126.0	125.9	88.3	88.1	119.1	508.4	270.5	344.9
4:59:39	1:29:09	28.7	28.5	30.1	56.2	75.3	118.2	117.8	118.7	118.0	118.0	118.2	117.4	116.1	116.2	125.9	125.8	88.2	88.1	119.1	508.4	270.6	345.0
5:00:39	1:30:09	28.7	28.5	30.1	56.2	75.3	118.1	117.7	118.7	118.0	117.9	118.2	117.4	115.8	115.9	125.7	125.8	88.2	88.1	119.1	508.4	270.6	343.4
	BEGIN GAS ADDITION (3) (ravallone) 07/06/2015 18:22:18																							
5:00:46	1:30:16	28.7	28.5	30.1	56.2	75.3	118.1	117.7	118.7	118.0	117.9	118.1	117.3	115.8	115.9	125.7	125.8	88.2	88.1	119.1	508.4	270.6	343.4
	END GAS ADDITION (4) (ravallone) 07/06/2015 18:22:31																							
5:00:59	1:30:28	29.0	28.8	30.1	56.2	75.3	118.1	117.7	118.7	118.0	117.9	118.2	117.4	115.6	115.8	125.7	125.8	89.0	88.1	119.1	508.4	270.6	344.9
5:01:39	1:31:09	29.0	28.9	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.9	118.1	117.4	115.6	115.7	125.7	125.7	92.0	88.2	119.1	508.4	270.6	346.4
5:02:39	1:32:09	29.0	28.9	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.2	115.4	125.6	125.7	91.7	88.1	118.9	508.4	270.6	344.9
5:03:39	1:33:09	29.0	28.9	30.1	56.2	75.9	117.8	117.3	118.5	117.7	117.6	117.9	117.2	119.3	130.3	125.7	125.5	91.2	88.1	118.9	508.4	270.6	343.4
5:04:40	1:34:09	29.0	28.9	30.1	55.8	75.0	118.0	117.5	118.6	117.9	117.8	118.0	117.3	117.6	122.9	125.6	125.5	90.9	88.0	118.9	508.4	270.6	342.0
5:05:40	1:35:09	29.0	28.9	30.1	55.8	75.0	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.3	118.3	125.7	125.5	90.5	88.0	118.9	508.4	270.6	342.0
5:06:40	1:36:09	29.0	28.9	30.1	56.7	76.4	117.9	117.5	118.5	117.8	117.7	118.0	117.2	115.8	116.7	125.6	125.4	90.3	88.0	118.9	508.4	270.6	340.5
5:07:40	1:37:10	29.0	28.9	30.1	57.0	76.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	120.6	133.1	125.5	125.4	90.0	88.0	118.8	508.4	270.6	340.9
5:08:40	1:38:10	29.0	28.9	30.1	56.2	75.4	118.1	117.7	118.6	118.0	117.9	118.1	117.3	117.9	123.0	125.5	125.3	89.7	88.0	118.8	508.4	270.6	340.5
5:09:40	1:39:10	29.0	28.9	30.1	56.7	76.0	118.1	117.7	118.7	118.0	117.8	118.1	117.3	116.6	118.7	125.5	125.2	89.5	88.0	118.8	508.5	270.6	339.0
5:10:40	1:40:10	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.0	117.2	116.1	117.0	125.5	125.1	89.3	88.0	118.8	508.4	270.6	340.5
5:11:40	1:41:10	29.0	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.8	117.7	118.0	117.2	115.8	116.2	125.3	125.1	89.2	88.0	118.8	508.4	270.6	340.4
5:12:40	1:42:10	29.0	28.9	30.1	56.2	75.7	117.9	117.5	118.5	117.8	117.6	117.9	117.1	118.3	127.2	125.3	125.0	89.1	88.0	118.7	508.4	270.6	338.9
5:13:40	1:43:10	29.0	28.9	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.1	117.3	122.5	139.5	125.3	125.0	89.0	87.9	118.7	508.4	270.6	339.0
5:14:41	1:44:10	29.0	28.9	30.1	56.7	75.6	118.3	118.0	118.8	118.1	118.3	118.3	117.5	119.7	127.9	125.3	124.9	88.9	88.0	118.7	508.4	270.6	339.0
5:15:41	1:45:10	29.0	28.9	30.1	56.2	75.0	118.3	118.0	118.9	118.1	118.3	118.4	117.5	116.8	118.3	125.2	124.9	88.8	88.0	118.7	508.4	270.6	339.0
5:16:41	1:46:11	29.0	28.9	30.1	56.2	75.1	118.3	117.9	118.9	118.1	118.1	118.3	117.4	116.4	116.7	125.2	124.8	88.7	87.9	118.6	508.4	270.6	337.5
5:17:41	1:47:11	29.0	28.9	30.1	56.2	75.2	118.2	117.8	118.8	118.0	117.9	118.2	117.4	116.1	116.2	125.1	124.7	88.6	88.0	118.6	508.4	270.6	337.4
5:18:41	1:48:11	29.0	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.9	118.1	117.4	115.8	115.9	125.1	124.6	88.5	88.0	118.6	508.4	270.6	337.5
5:19:41	1:49:11	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.1	117.3	115.6	115.7	125.0	124.6	88.5	87.9	118.6	508.4	270.6	337.4
5:20:41	1:50:11	29.0	28.8	30.1	56.6	76.3	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.4	117.6	124.9	124.6	88.4	87.9	118.5	508.4	270.6	337.4
5:21:41	1:51:11	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.3	128.4	124.6	124.5	88.4	87.9	118.5	508.4	270.6	337.3
5:22:41	1:52:11	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.8	120.3	124.8	124.4	88.3	87.9	118.5	508.4	270.6	337.5
5:23:41	1:53:11	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.0	117.2	116.1	117.5	124.7	124.3	88.3	87.8	118.3	508.4	270.6	337.5
5:24:42	1:54:11	29.0	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.7	118.0	117.2	117.0	123.1	124.7	124.3	88.2	87.9	118.3	508.4	270.6	337.5
5:25:42	1:55:11	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	119.4	128.4	124.9	124.3	88.2	87.9	118.3	508.4	270.6	337.4
5:26:42	1:56:11	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	117.1	120.5	124.5	124.2	88.1	87.8	118.3	508.4	270.6	337.5
5:27:42	1:57:12	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	116.3	117.8	124.6	124.1	88.1	87.8	118.3	508.4	270.6	337.5
5:28:42	1:58:12	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	115.9	116.6	124.7	124.0	88.1	87.8	118.3	508.4	270.6	337.5
5:29:42	1:59:12	29.0	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	117.9	117.1	115.6	116.7	124.3	123.9	88.0	87.8	118.3	508.4	270.6	337.4
5:30:42	2:00:12	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.1	119.4	128.4	124.4	123.9	88.0	87.8	118.2	508.4	270.6	337.5
5:31:42	2:01:12	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.8	118.0	117.2	117.0	120.5	124.4	123.9	88.0	87.8	118.2	508.4	270.6	337.4
5:32:42	2:02:12	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.7	118.0	117.2	116.2	117.6	124.5	123.8	88.0	87.7	118.2	508.4	270.6	337.5
5:33:42	2:03:12	29.0	28.8	30.1	56.2	75.9	117.9	117.4	118.5	117.7	117.6	118.0	117.2	115.9	118.9	124.5	123.7	87.9	87.7	118.2	508.4	270.6	337.5
5:34:43	2:04:12	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	119.0	127.3	124.1	123.6	87.8	87.8	118.2	508.4	270.6	337.4
5:35:43	2:05:12	29.0	28.8	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.7	118.0	117.2	116.9	120.1	126.4	123.6	87.8	87.7	118.1	508.4	270.6	337.4
5:36:43	2:06:13	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.7	118.0	117.2	116.2	117.5	128.7	123.6	87.8	87.8	118.1	508.4	270.6	337.5
5:37:43	2:07:13	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.6	118.0	117.1	115.8	116.4	128.5	123.5	87.8	87.7	118.1	508.4	270.6	337.5
5:38:43	2:08:13	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.1	119.8	130.0	128.4	123.4	87.8	87.7	118.1	508.4	270.6	336.0
5:39:43	2:09:13	29.0	28.8	30.1	56.2	75.7	118.0	117.6	118.5	117.8	117.8	118.0	117.2	117.2	121.3	128.2	123.4	87.8	87.8	118.1	508.4	270.6	336.0
5:40:43	2:10:13	29.0	28.8	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.1	117.2	119.7	130.8	128.6	123.3	87.7	87.7	118.0	508.4	270.6	336.0
5:41:43	2:11:13	29.0	28.8	30.1	56.2	75.3	118.2	117.8	118.7	118.0	118.1	118.2	117.4	122.8	138.4	128.4	123.2	87.7	87.7	118.0	508.4	270.6	336.0
5:42:43	2:12:13	29.0	28.8	30.1	56.2	74.8	118.4	118.2	118.9	118.2	118.3	118.4	117.6	118.2	122.6	128.3	123.1	87.7	87.7	118.0	508.4	270.6	336.0
5:43:43	2:13:13	29.0	28.8	30.1	56.2	74.9	118.4	118.0	118.9	118.2	118.1	118.3	117.5	116.6	117.2	128.2	123.1	87.6	87.7	118.0	508.4	270.6	336.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000416

5:44:44	2:14:13	29.0	28.8	30.1	56.2	75.0	118.3	117.9	118.8	118.2	118.1	118.3	117.5	116.4	116.5	128.1	123.1	87.6	87.6	117.8	508.4	270.6	336.0
5:45:44	2:15:13	29.0	28.8	30.1	56.2	75.2	118.2	117.8	118.8	118.1	118.0	118.2	117.4	116.0	116.2	128.1	123.0	87.6	87.7	117.8	508.4	270.6	336.0
5:46:44	2:16:14	29.0	28.8	30.1	56.7	75.8	118.2	117.7	118.8	118.1	117.9	118.1	117.3	115.8	115.9	128.0	123.0	87.6	87.6	117.8	508.4	270.6	336.0
5:47:44	2:17:14	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	115.4	115.6	128.1	122.9	87.6	87.6	117.8	508.4	270.6	334.5
5:48:44	2:18:14	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	118.4	127.5	128.0	122.8	87.6	87.6	117.8	508.4	270.6	336.0
5:49:44	2:19:14	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.9	123.9	127.9	122.8	87.5	87.6	117.8	508.4	270.6	336.0
5:50:44	2:20:14	29.0	28.8	30.1	56.2	75.5	118.1	117.6	118.7	117.9	117.8	118.1	117.3	116.5	118.8	127.9	122.8	87.6	87.6	117.8	508.4	270.6	334.5
5:51:44	2:21:14	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.9	116.9	127.9	122.7	87.5	87.6	117.7	508.4	270.6	334.5
5:52:44	2:22:14	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.9	119.3	127.9	122.6	87.6	87.6	117.8	508.4	270.6	334.5
5:53:44	2:23:14	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	119.0	127.4	127.7	122.5	87.5	87.6	117.7	508.4	270.6	334.5
5:54:45	2:24:14	29.0	28.8	30.1	56.2	75.5	118.0	117.6	118.6	117.9	117.8	118.0	117.2	116.8	120.1	127.8	122.5	87.5	87.5	117.6	508.4	270.6	334.5
5:55:45	2:25:14	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.1	117.4	127.6	122.4	87.5	87.6	117.7	508.4	270.6	334.5
5:56:45	2:26:15	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	117.9	125.6	127.7	122.4	87.5	87.5	117.6	508.4	270.6	334.5
5:57:45	2:27:15	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	118.2	124.5	127.6	122.3	87.4	87.4	117.6	508.4	270.6	334.5
5:58:45	2:28:15	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.7	119.1	127.7	122.3	87.4	87.5	117.6	508.4	270.6	334.5
5:59:45	2:29:15	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.7	118.0	117.2	116.0	117.1	127.5	122.2	87.4	87.5	117.6	508.4	270.6	331.5
6:00:45	2:30:15	29.0	28.8	30.1	56.2	75.9	117.9	117.4	118.5	117.7	117.6	117.9	117.1	116.2	119.9	127.5	122.2	87.4	87.5	117.6	508.4	270.6	334.5
6:01:45	2:31:15	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.8	118.0	117.2	118.9	127.0	127.6	122.0	87.3	87.5	117.6	508.4	270.6	331.5
6:02:45	2:32:15	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.9	120.0	127.5	122.0	87.3	87.4	117.5	508.4	270.6	331.5
6:03:45	2:33:15	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	116.1	117.4	127.5	121.9	87.3	87.4	117.5	508.4	270.6	331.5
6:04:46	2:34:15	29.0	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	117.9	117.1	116.2	120.0	127.3	121.9	87.3	87.4	117.4	508.4	270.5	331.7
6:05:46	2:35:15	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	119.0	127.0	127.4	121.8	87.3	87.4	117.4	508.4	270.6	331.5
6:06:46	2:36:15	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	116.9	120.0	127.2	121.8	87.3	87.4	117.4	508.4	270.6	331.5
6:07:46	2:37:16	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.1	117.4	127.4	121.7	87.2	87.4	117.4	508.4	270.5	331.5
6:08:46	2:38:16	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.7	118.0	117.2	115.6	116.3	127.3	121.7	87.2	87.4	117.4	508.4	270.6	331.4
6:09:46	2:39:16	29.0	28.8	30.1	56.2	75.7	117.9	117.5	118.5	117.8	117.6	117.9	117.1	119.8	131.5	127.3	121.6	87.2	87.4	117.3	508.4	270.5	331.4
6:10:46	2:40:16	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.9	123.5	127.2	121.5	87.2	87.4	117.3	508.4	270.6	331.5
6:11:46	2:41:16	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.8	118.0	117.3	116.6	118.8	127.1	121.5	87.2	87.4	117.3	508.4	270.6	331.5
6:12:46	2:42:16	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.7	118.0	117.2	116.0	117.0	127.1	121.4	87.2	87.4	117.3	508.4	270.6	331.5
6:13:46	2:43:16	29.0	28.8	30.1	56.2	75.8	117.9	117.5	118.5	117.8	117.6	118.0	117.2	115.6	116.2	127.1	121.4	87.2	87.4	117.3	508.4	270.6	331.5
6:14:47	2:44:16	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.6	129.0	127.0	121.3	87.2	87.3	117.2	508.4	270.6	331.5
6:15:47	2:45:16	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.8	118.0	117.2	117.1	120.7	127.0	121.2	87.1	87.3	117.2	508.4	270.6	331.5
6:16:47	2:46:16	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.8	118.0	117.2	116.2	117.7	126.9	121.2	87.1	87.3	117.2	508.4	270.6	331.5
6:17:47	2:47:17	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.8	117.7	118.0	117.2	116.6	121.5	126.8	121.1	87.1	87.3	117.2	508.4	270.6	331.5
6:18:47	2:48:17	29.0	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.8	117.8	118.0	117.2	121.8	137.5	126.7	121.1	87.1	87.3	117.2	508.4	270.6	331.5
6:19:47	2:49:17	29.0	28.8	30.1	56.2	75.2	118.2	117.9	118.8	118.0	118.3	118.3	117.4	122.1	135.4	126.8	121.1	87.1	87.3	117.2	508.4	270.6	331.5
6:20:47	2:50:17	29.0	28.8	30.1	56.2	74.7	118.5	118.2	119.0	118.3	118.3	118.4	117.5	117.8	121.1	126.9	121.0	87.1	87.3	117.2	508.4	270.6	331.5
6:21:47	2:51:17	29.0	28.8	30.1	56.2	74.8	118.4	118.2	119.0	118.2	118.3	118.4	117.5	116.6	117.0	126.9	120.9	87.0	87.3	117.2	508.4	270.6	330.0
6:22:47	2:52:17	29.0	28.8	30.1	56.2	75.0	118.3	117.9	118.9	118.1	118.1	118.3	117.5	116.3	116.4	126.7	120.9	87.0	87.2	117.2	508.4	270.6	329.4
6:23:47	2:53:17	29.0	28.8	30.1	56.2	75.2	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.0	116.1	126.7	120.8	87.0	87.2	117.1	508.4	270.6	330.0
6:24:48	2:54:17	29.0	28.8	30.1	56.2	75.4	118.1	117.7	118.7	118.0	117.9	118.2	117.4	115.8	115.9	126.7	120.8	87.1	87.2	117.1	508.4	270.6	330.0
6:25:48	2:55:17	29.0	28.8	30.1	56.2	75.5	118.1	117.6	118.6	118.0	117.8	118.1	117.3	115.3	115.5	126.6	120.6	87.0	87.2	117.1	508.5	270.6	330.0
6:26:48	2:56:18	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.6	117.9	117.2	116.4	121.5	126.5	120.6	87.0	87.2	116.9	508.5	270.6	330.0
6:27:48	2:57:18	29.0	28.8	30.1	56.2	75.4	118.1	117.6	118.7	118.0	117.8	118.1	117.3	121.5	137.2	126.5	120.6	87.0	87.2	116.9	508.4	270.6	330.0
6:28:48	2:58:18	29.0	28.8	30.1	56.2	75.2	118.2	117.8	118.8	118.0	118.0	118.2	117.4	118.5	125.3	126.4	120.5	86.9	87.2	116.9	508.4	270.6	330.0
6:29:48	2:59:18	29.0	28.8	30.1	56.2	75.2	118.2	117.8	118.8	118.1	118.0	118.2	117.4	116.3	117.7	126.5	120.4	86.9	87.2	116.9	508.4	270.6	330.0
6:30:48	3:00:18	29.0	28.8	30.1	56.2	75.4	118.1	117.7	118.7	118.0	117.9	118.2	117.3	115.9	116.3	126.5	120.4	86.9	87.1	116.9	508.4	270.6	330.0
6:31:48	3:01:18	29.0	28.8	30.1	56.2	75.5	118.1	117.6	118.6	118.0	117.8	118.1	117.3	115.6	115.8	126.4	120.3	86.9	87.1	116.9	508.4	270.6	330.0
6:32:48	3:02:18	29.0	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.3	115.4	126.3	120.3	86.8	87.1	116.9	508.4	270.6	330.0
6:33:48	3:03:18	29.0	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.6	117.9	117.2	119.7	130.9	126.4	120.1	86.8	87.1	116.8	508.4	270.6	330.0
6:34:49	3:04:19	29.0	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.0	117.3	117.3	121.8	126.3	120.2	86.8	87.0	116.8	508.4	270.6	328.5
6:35:49	3:05:18	29.0	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.3	116.2	117.9	126.3	120.1	86.8	87.0	116.8	508.4	270.6	328.5
6:36:49	3:06:19	29.0	28.8	30.1	56.7	76.6	117.8	117.3	118.5	117.7	117.6	118.0	117.2	115.6	116.7	126.3	120.0	86.7	86.9	116.7	508.5	270.6	328.5
6:37:49	3:07:19	29.0	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	117.9	117.2	119.4	128.4	126.1	120.0	86.7	87.0	116.7	508.4	270.6	328.5
6:38:49	3:08:19	29.0	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.9	120.4	126.1	119.9	86.7	86.9	116.7	508.4	270.6	328.5
6:39:49	3:09:19	29.0	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.1	117.5	126.1	119.8	86.7	86.9	116.7	508.5	270.6	328.5
6:40:49	3:10:19	29.0	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.8	117.6	117.9	117.2	117.2	123.3	126.0	119.9	86.7	86.9	116.7	508.4	270.6	328.5
6:41:49	3:11:19	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.0	117.2	118.7	125.8	125.9	119.8	86.7	86.9	116.6	508.5	270.6	328.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000417

6:42:49	3:12:19	29.0	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.8	119.5	126.0	119.7	86.6	86.9	116.6	508.5	270.5	328.5
6:43:49	3:13:19	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.1	117.3	116.1	117.3	125.9	119.7	86.6	86.9	116.6	508.5	270.6	327.0
6:44:50	3:14:19	29.0	28.8	30.1	56.7	76.4	117.9	117.5	118.5	117.8	117.6	118.0	117.1	115.6	116.3	125.9	119.6	86.5	86.8	116.5	508.4	270.6	328.5
6:45:50	3:15:19	29.0	28.8	30.1	57.1	76.9	118.0	117.5	118.6	117.9	117.7	118.0	117.2	120.7	134.3	125.8	119.6	86.6	86.9	116.6	508.4	270.5	327.0
6:46:50	3:16:19	29.0	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.0	118.0	118.3	117.4	123.5	141.3	125.8	119.5	86.5	86.8	116.6	508.4	270.6	327.0
6:47:50	3:17:20	29.0	28.8	30.1	57.1	76.0	118.4	118.2	119.0	118.2	118.3	118.4	117.6	118.7	124.3	125.7	119.4	86.5	86.8	116.6	508.4	270.6	327.0
6:48:50	3:18:20	29.0	28.8	30.1	56.7	75.4	118.4	118.2	119.0	118.2	118.3	118.4	117.6	116.7	117.5	125.7	119.4	86.5	86.8	116.5	508.4	270.6	327.0
6:49:50	3:19:20	29.0	28.8	30.1	57.1	76.2	118.3	117.9	118.9	118.2	118.1	118.4	117.5	116.4	116.5	125.7	119.2	86.4	86.7	116.5	508.5	270.6	327.0
6:50:50	3:20:20	29.0	28.8	30.1	57.1	76.4	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.1	116.2	125.6	119.3	86.5	86.8	116.5	508.4	270.5	327.0
6:51:50	3:21:20	29.0	28.8	30.1	56.7	75.9	118.2	117.7	118.8	118.0	117.9	118.2	117.4	115.8	115.9	125.6	119.2	86.4	86.8	116.4	508.4	270.6	327.0
6:52:50	3:22:20	29.0	28.8	30.1	56.7	76.1	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.6	115.6	125.5	119.2	86.4	86.7	116.4	508.5	270.6	327.0
6:53:50	3:23:20	29.0	28.8	30.1	57.1	76.8	118.0	117.5	118.7	117.9	117.7	118.0	117.2	115.2	115.3	125.6	119.1	86.4	86.8	116.4	508.5	270.6	327.0
6:54:51	3:24:20	29.0	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.5	117.9	117.2	115.3	118.3	125.5	119.1	86.4	86.7	116.3	508.5	270.6	327.0
6:55:51	3:25:20	29.0	28.8	30.1	56.7	76.4	117.9	117.5	118.5	117.8	117.6	118.0	117.2	119.2	128.8	125.5	119.0	86.3	86.7	116.3	508.5	270.6	327.0
6:56:51	3:26:20	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.7	118.0	117.2	116.7	120.3	125.4	122.4	86.4	86.7	117.2	508.5	270.5	327.0
6:57:51	3:27:21	29.0	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.5	124.8	125.4	122.8	86.3	86.7	116.9	508.5	270.6	327.0
6:58:51	3:28:21	29.0	28.8	30.1	56.7	76.0	118.1	117.7	118.7	117.9	117.8	118.1	117.3	122.2	138.7	125.3	122.8	86.3	86.6	116.8	508.5	270.6	327.0
6:59:51	3:29:21	29.0	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.1	118.1	118.3	117.5	118.8	125.4	125.2	122.8	86.2	86.7	116.9	508.5	270.6	326.9
7:00:51	3:30:21	29.0	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.1	118.1	118.3	117.5	116.5	117.7	125.2	122.6	86.2	86.6	116.9	508.4	270.6	326.9
7:01:51	3:31:21	29.0	28.8	30.1	57.1	76.4	118.2	117.8	118.8	118.1	118.0	118.2	117.5	116.1	116.4	125.2	122.6	86.1	86.7	116.9	508.5	270.6	327.0
7:02:51	3:32:21	29.0	28.8	30.1	57.1	76.5	118.2	117.7	118.8	118.0	117.9	118.2	117.4	115.8	115.9	125.2	122.5	86.1	86.6	116.9	508.5	270.6	327.0
7:03:51	3:33:21	29.0	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.1	117.3	115.4	115.5	125.1	122.5	86.1	86.6	116.9	508.4	270.6	327.0
7:04:52	3:34:21	29.0	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.7	118.0	117.2	115.2	115.7	125.1	122.4	86.1	86.6	116.9	508.5	270.6	327.0
7:05:52	3:35:21	29.0	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.7	130.3	125.1	122.4	86.1	86.5	116.9	508.5	270.6	327.0
7:06:52	3:36:22	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.7	118.0	117.3	117.1	121.1	125.0	122.3	86.1	86.5	116.9	508.4	270.6	327.1
7:07:52	3:37:22	29.0	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	116.0	117.6	124.9	122.2	86.1	86.4	116.8	508.4	270.6	326.9
7:08:52	3:38:22	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.8	117.6	118.0	117.2	115.6	116.3	124.8	122.1	86.1	86.4	116.8	508.5	270.6	327.0
7:09:52	3:39:22	29.0	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.6	118.1	117.2	119.6	129.4	125.0	122.1	86.0	86.4	116.9	508.5	270.6	325.5
7:10:52	3:40:22	29.0	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.0	117.3	117.1	120.9	124.8	122.0	86.0	86.5	116.9	508.5	270.6	325.5
7:11:52	3:41:22	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.1	117.6	124.8	121.9	86.0	86.4	116.9	508.5	270.6	325.5
7:12:52	3:42:22	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.8	118.6	124.7	121.9	85.9	86.4	116.9	508.5	270.6	325.5
7:13:52	3:43:22	29.0	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.1	117.3	121.3	136.2	124.7	121.8	85.9	86.4	116.8	508.4	270.6	327.0
7:14:53	3:44:22	29.0	28.8	30.1	56.7	75.7	118.3	117.9	118.8	118.1	118.1	118.2	117.5	120.6	131.4	124.6	121.8	85.9	86.3	116.9	508.4	270.6	325.5
7:15:53	3:45:22	29.0	28.8	30.1	57.1	76.2	118.3	117.9	118.9	118.2	118.3	118.3	117.6	117.0	119.3	124.7	121.7	85.9	86.4	116.9	508.5	270.6	325.5
7:16:53	3:46:22	29.0	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.0	118.2	117.5	116.2	116.8	124.6	121.7	85.9	86.3	116.8	508.5	270.6	325.5
7:17:53	3:47:23	29.0	28.8	30.1	57.1	76.5	118.2	117.7	118.7	118.1	117.8	118.2	117.4	115.9	116.2	124.6	121.6	85.8	86.2	116.8	508.4	270.6	325.5
7:18:53	3:48:23	29.0	28.8	30.1	57.1	76.6	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.6	115.8	124.5	121.6	85.8	86.2	116.8	508.4	270.6	325.5
7:19:53	3:49:23	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.2	115.4	124.5	121.4	85.8	86.2	116.8	508.5	270.6	325.5
7:20:53	3:50:23	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	116.9	123.3	124.4	121.4	85.8	86.2	116.7	508.4	270.6	325.6
7:21:53	3:51:23	29.0	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	118.4	126.1	124.4	121.3	85.7	86.2	116.7	508.5	270.6	325.5
7:22:53	3:52:23	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.7	118.0	117.2	116.5	119.4	124.3	121.3	85.8	86.1	116.7	508.4	270.6	325.5
7:23:53	3:53:23	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.8	117.0	124.3	121.2	85.8	86.2	116.7	508.5	270.6	325.5
7:24:54	3:54:23	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.2	117.3	124.2	124.3	121.1	85.7	86.1	116.7	508.5	270.6	325.5
7:25:54	3:55:23	29.0	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.7	118.0	117.2	121.9	138.3	124.3	121.1	85.7	86.1	116.6	508.5	270.6	325.5
7:26:54	3:56:23	29.0	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.1	118.1	118.2	117.4	119.5	127.8	124.2	121.1	85.7	86.1	116.7	508.5	270.6	325.5
7:27:54	3:57:24	29.0	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.1	118.1	118.3	117.5	116.6	118.2	124.2	120.9	85.6	86.1	116.7	508.4	270.6	325.5
7:28:54	3:58:24	29.0	28.8	30.1	57.1	76.4	118.2	117.8	118.8	118.1	118.0	118.2	117.5	116.1	116.6	124.1	120.9	85.6	86.1	116.7	508.5	270.6	325.5
7:29:54	3:59:24	29.0	28.8	30.1	56.7	75.8	118.2	117.7	118.8	118.1	117.9	118.1	117.4	115.8	116.0	124.2	120.8	85.6	86.1	116.7	508.5	270.6	325.5
7:30:54	4:00:24	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.8	118.1	117.3	115.4	115.6	124.1	120.7	85.5	86.1	116.6	508.5	270.6	325.5
7:31:54	4:01:24	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.2	115.3	125.1	120.7	85.6	86.0	116.6	508.4	270.6	325.5
7:32:54	4:02:24	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.2	118.7	129.2	128.5	120.6	85.5	86.0	116.6	508.5	270.6	325.5
7:33:54	4:03:24	29.0	28.8	30.1	57.1	76.7	118.1	117.6	118.6	118.0	117.8	118.1	117.3	122.4	139.9	128.3	120.6	85.5	86.0	116.6	508.5	270.5	325.5
7:34:55	4:04:24	29.0	28.8	30.1	56.7	75.6	118.3	117.9	118.8	118.2	118.1	118.2	117.5	119.5	127.9	128.1	120.5	85.4	85.9	116.6	508.4	270.6	325.5
7:35:55	4:05:24	29.0	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.3	117.5	116.7	118.3	128.2	120.5	85.5	85.9	116.6	508.5	270.6	324.0
7:36:55	4:06:25	29.0	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.1	118.3	117.5	116.2	116.5	128.2	120.4	85.5	85.9	116.6	508.5	270.6	324.0
7:37:55	4:07:25	29.0	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.3	117.5	115.8	116.1	128.2	120.3	85.5	85.9	116.5	508.4	270.6	324.0
7:38:55	4:08:25	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.6	115.7	128.1	120.3	85.4	85.9	116.5	508.5	270.6	324.0
7:39:55	4:09:25	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.7	118.1	117.3	115.2	115.3	128.1	120.2	85.3	85.9	116.5	508.5	270.6	324.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000418

7:40:55	4:10:25	28.9	28.8	30.1	56.2	75.9	117.9	117.3	118.5	117.8	117.6	118.0	117.2	114.9	115.4	128.1	120.1	85.3	85.9	116.5	508.4	270.6	324.0
7:41:55	4:11:25	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.2	119.6	130.3	128.1	120.1	85.4	85.7	116.4	508.5	270.6	324.0
7:42:55	4:12:25	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.9	121.0	128.1	120.0	85.3	85.9	116.5	508.5	270.6	324.0
7:43:55	4:13:25	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.9	117.5	128.0	120.0	85.3	85.8	116.4	508.4	270.6	324.0
7:44:56	4:14:25	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.2	119.1	129.9	127.9	119.9	85.3	85.8	116.4	508.5	270.6	324.0
7:45:56	4:15:25	28.9	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.1	117.3	117.8	123.4	127.9	119.8	85.2	85.7	116.4	508.4	270.6	324.3
7:46:56	4:16:25	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.0	117.3	116.4	118.6	127.8	119.8	85.2	85.7	116.3	508.4	270.6	324.0
7:47:56	4:17:26	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.8	116.7	127.9	119.7	85.2	85.7	116.3	508.4	270.6	324.0
7:48:56	4:18:26	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.2	117.5	124.7	127.7	119.7	85.2	85.7	116.3	508.4	270.6	324.0
7:49:56	4:19:26	28.9	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.9	118.1	117.3	122.0	138.4	127.7	119.6	85.1	85.7	116.3	508.5	270.6	324.0
7:50:56	4:20:26	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.1	118.1	118.3	117.5	119.8	128.8	127.7	119.6	85.2	85.7	116.3	508.5	270.6	324.0
7:51:56	4:21:26	29.0	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.4	117.6	116.7	118.5	127.7	119.5	85.1	85.6	116.3	508.5	270.6	324.0
7:52:56	4:22:26	28.9	28.8	30.1	56.7	75.7	118.3	117.9	118.9	118.1	118.0	118.3	117.5	116.2	116.6	127.7	119.4	85.1	85.6	116.3	508.5	270.5	324.0
7:53:56	4:23:26	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	117.9	118.2	117.5	115.8	116.1	127.6	119.3	85.1	85.6	116.2	508.5	270.6	324.0
7:54:57	4:24:26	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.6	115.7	127.5	119.4	85.1	85.5	116.2	508.4	270.6	324.0
7:55:57	4:25:26	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.3	115.2	115.3	127.6	119.2	85.0	85.6	116.2	508.4	270.6	324.0
7:56:57	4:26:27	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.6	117.9	117.2	114.9	116.5	127.5	119.2	85.0	85.5	116.1	508.5	270.6	324.0
7:57:57	4:27:27	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.2	119.4	129.5	127.5	119.2	85.1	85.5	116.1	508.5	270.6	324.0
7:58:57	4:28:27	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.3	116.7	120.6	127.3	119.0	85.0	85.5	116.1	508.4	270.6	324.0
7:59:57	4:29:27	28.9	28.8	30.1	56.2	75.5	118.1	117.6	118.6	118.0	117.8	118.1	117.3	120.8	135.0	127.3	118.9	85.0	85.5	116.1	508.5	270.6	324.0
8:00:57	4:30:27	28.9	28.8	30.1	57.1	76.4	118.2	117.8	118.8	118.1	118.0	118.2	117.5	118.9	126.3	127.2	122.3	84.9	85.4	116.9	508.4	270.6	324.0
8:01:57	4:31:27	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.2	117.5	116.4	117.9	127.2	122.7	85.0	85.5	116.7	508.5	270.6	324.0
8:02:57	4:32:27	28.9	28.8	30.1	56.7	76.0	118.1	117.7	118.7	118.0	117.9	118.2	117.5	115.9	116.3	127.2	122.7	84.9	85.5	116.7	508.5	270.6	322.5
8:03:57	4:33:27	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.6	115.8	127.1	122.6	84.9	85.4	116.6	508.4	270.6	322.5
8:04:58	4:34:27	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.7	118.0	117.3	115.2	115.4	127.2	122.6	84.9	85.4	116.6	508.4	270.6	322.5
8:05:58	4:35:27	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.2	118.0	126.9	127.2	122.6	84.9	85.4	116.6	508.5	270.6	322.5
8:06:58	4:36:28	28.9	28.8	30.1	56.2	75.4	118.1	117.6	118.7	118.0	117.8	118.1	117.4	122.2	139.1	127.1	122.5	84.9	85.4	116.6	508.5	270.6	322.4
8:07:58	4:37:28	28.9	28.8	30.1	56.7	75.5	118.3	117.9	118.9	118.2	118.3	118.3	117.5	119.4	128.1	127.0	122.3	84.8	85.4	116.7	508.5	270.6	322.5
8:08:58	4:38:28	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.3	117.6	116.6	118.3	127.0	122.3	84.8	85.4	116.7	508.4	270.6	322.5
8:09:58	4:39:28	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	118.0	118.2	117.5	116.1	116.5	126.9	122.3	84.8	85.3	116.6	508.5	270.6	322.5
8:10:58	4:40:28	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	117.9	118.2	117.5	115.8	116.0	126.9	122.2	84.8	85.3	116.6	508.5	270.6	322.5
8:11:58	4:41:28	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.4	115.5	126.9	122.1	84.8	85.3	116.6	508.5	270.6	322.5
8:12:58	4:42:28	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.7	118.1	117.3	115.2	115.2	126.8	122.1	84.8	85.3	116.6	508.5	270.6	322.5
8:13:58	4:43:28	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.9	117.6	118.0	117.2	117.2	124.9	126.8	122.0	84.8	85.3	116.6	508.5	270.6	322.5
8:14:59	4:44:28	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.8	118.1	117.3	120.3	131.8	126.8	121.9	84.8	85.3	116.6	508.5	270.6	322.5
8:15:59	4:45:28	28.9	28.8	30.1	57.1	76.6	118.1	117.6	118.7	118.0	117.8	118.1	117.3	116.8	120.4	126.7	121.9	84.7	85.2	116.6	508.5	270.6	322.5
8:16:59	4:46:29	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.8	116.8	126.7	121.8	84.7	85.2	116.6	508.4	270.6	322.5
8:17:59	4:47:29	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	118.0	117.7	118.0	117.3	115.4	115.8	126.7	121.8	84.7	85.2	116.6	508.4	270.6	322.5
8:18:59	4:48:29	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.2	116.8	123.2	126.7	121.6	84.7	85.2	116.5	508.4	270.6	322.5
8:19:59	4:49:29	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	117.9	117.2	119.0	127.9	126.5	121.5	84.7	85.2	116.5	508.5	270.6	322.5
8:20:59	4:50:29	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	116.7	120.0	126.5	121.5	84.6	85.2	116.5	508.5	270.6	322.5
8:21:59	4:51:29	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.9	117.2	126.5	121.5	84.6	85.1	116.5	508.5	270.6	322.4
8:22:59	4:52:29	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.4	117.5	126.5	121.4	84.6	85.2	116.5	508.4	270.6	322.5
8:23:59	4:53:29	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.3	128.6	126.5	121.3	84.6	85.1	116.4	508.4	270.6	322.5
8:25:00	4:54:29	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.3	116.8	120.4	126.4	121.2	84.5	85.1	116.4	508.5	270.6	322.4
8:26:00	4:55:29	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.9	117.4	126.4	121.2	84.6	85.1	116.5	508.5	270.6	322.5
8:27:00	4:56:30	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	117.7	125.6	126.3	121.2	84.6	85.0	116.4	508.5	270.6	322.5
8:28:00	4:57:30	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.1	117.3	118.3	125.2	126.3	121.1	84.5	85.1	116.4	508.5	270.6	322.5
8:29:00	4:58:30	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.9	118.1	117.3	116.6	119.2	126.3	121.0	84.5	85.1	116.4	508.5	270.6	322.5
8:30:00	4:59:30	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.1	117.3	115.8	117.0	126.2	120.9	84.5	84.9	116.4	508.4	270.6	321.0
8:31:00	5:00:30	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.6	117.9	126.2	120.9	84.4	85.0	116.4	508.5	270.6	321.0
8:32:00	5:01:30	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	119.2	128.4	126.1	120.8	84.4	84.9	116.4	508.4	270.6	321.0
8:33:00	5:02:30	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.1	117.3	116.8	120.3	126.1	120.7	84.4	84.9	116.3	508.5	270.6	322.5
8:34:00	5:03:30	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.7	118.0	117.2	116.0	117.5	126.1	120.7	84.5	84.9	116.3	508.5	270.6	321.0
8:35:01	5:04:30	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	118.9	129.1	126.0	120.6	84.4	84.9	116.3	508.4	270.6	320.9
8:36:01	5:05:30	28.9	28.8	30.1	56.2	75.3	118.2	117.7	118.8	118.0	117.9	118.1	117.3	121.8	135.9	126.0	120.5	84.3	84.9	116.3	508.4	270.6	321.0
8:37:01	5:06:30	28.9	28.8	30.1	56.2	75.0	118.3	117.9	118.8	118.2	118.1	118.3	117.5	117.3	120.9	125.9	120.5	84.4	84.8	116.3	508.5	270.6	321.0
8:38:01	5:07:31	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.1	116.9	125.9	120.4	84.3	84.8	116.3	508.4	270.6	321.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000419

8:39:01	5:08:31	28.9	28.8	30.1	56.2	75.2	118.2	117.7	118.8	118.1	117.9	118.2	117.4	115.8	116.1	125.9	120.4	84.3	84.8	116.3	508.5	270.6	321.0
8:40:01	5:09:31	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.7	118.1	117.3	115.4	115.6	125.9	120.3	84.3	84.8	116.2	508.5	270.6	321.0
8:41:01	5:10:31	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.2	115.3	125.8	120.3	84.4	84.7	116.2	508.4	270.6	321.0
8:42:01	5:11:31	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.3	119.1	130.3	125.8	120.1	84.3	84.8	116.2	508.5	270.6	321.0
8:43:01	5:12:31	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	117.4	123.0	125.7	120.1	84.3	84.7	116.1	508.4	270.6	321.0
8:44:01	5:13:31	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.1	118.2	125.7	120.1	84.3	84.7	116.1	508.5	270.6	321.0
8:45:02	5:14:31	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.4	116.4	125.6	120.0	84.3	84.7	116.1	508.5	270.6	320.3
8:46:02	5:15:31	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	119.7	130.9	125.7	119.9	84.2	84.6	116.1	508.5	270.6	321.0
8:47:02	5:16:31	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.7	118.0	117.2	117.1	121.6	125.6	119.8	84.2	84.7	116.1	508.4	270.6	321.0
8:48:02	5:17:32	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.0	117.8	125.5	119.8	84.2	84.7	116.1	508.5	270.6	321.0
8:49:02	5:18:32	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	115.6	116.3	125.4	119.8	84.2	84.6	116.0	508.4	270.6	321.0
8:50:02	5:19:32	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.1	117.2	119.7	130.2	125.4	119.7	84.2	84.6	116.0	508.5	270.6	321.0
8:51:02	5:20:32	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.9	117.8	118.1	117.3	117.1	121.1	125.5	119.7	84.2	84.7	116.0	508.5	270.6	321.0
8:52:02	5:21:32	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.1	117.3	116.1	117.7	125.3	119.6	84.2	84.6	116.0	508.4	270.6	321.0
8:53:02	5:22:32	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.1	129.7	125.3	119.5	84.1	84.6	116.0	508.5	270.6	319.5
8:54:02	5:23:32	28.9	28.8	30.1	56.7	75.9	118.1	117.7	118.7	118.0	118.0	118.2	117.4	122.7	140.4	125.3	119.4	84.1	84.6	116.0	508.4	270.5	321.0
8:55:03	5:24:32	28.9	28.8	30.1	56.2	74.8	118.4	118.2	119.0	118.2	118.3	118.4	117.6	118.9	125.6	125.3	119.3	84.1	84.6	116.0	508.5	270.6	321.0
8:56:03	5:25:32	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.4	117.6	116.6	117.8	125.2	119.3	84.1	84.5	116.0	508.4	270.6	319.5
8:57:03	5:26:32	28.9	28.8	30.1	56.2	75.0	118.3	117.8	118.9	118.2	118.0	118.3	117.5	116.2	116.5	125.1	119.2	84.0	84.5	115.9	508.5	270.6	319.5
8:58:03	5:27:33	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	117.9	118.3	117.5	115.8	116.0	125.2	119.2	84.0	84.5	115.9	508.4	270.6	319.6
8:59:03	5:28:33	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.9	118.1	117.4	115.6	115.6	125.1	119.1	84.0	84.5	115.9	508.5	270.6	320.0
9:00:03	5:29:33	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.1	117.3	115.2	115.3	125.1	119.0	84.0	84.5	115.8	508.5	270.6	319.5
9:01:03	5:30:33	28.9	28.8	30.1	57.1	76.9	118.0	117.4	118.6	117.9	117.6	118.0	117.2	114.8	115.0	125.1	120.1	84.0	84.4	117.2	508.5	270.6	319.5
9:02:03	5:31:33	28.9	28.8	30.1	56.5	76.2	117.9	117.3	118.5	117.8	117.5	118.0	117.2	118.6	129.4	125.0	122.6	84.0	84.4	116.4	508.4	270.6	319.5
9:03:03	5:32:33	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.5	123.8	125.0	122.8	84.0	84.5	116.3	508.5	270.6	319.5
9:04:03	5:33:33	28.9	28.8	30.1	56.7	76.3	117.9	117.4	118.6	117.8	117.7	118.0	117.2	116.2	120.9	124.9	122.6	83.9	84.4	116.3	508.5	270.6	319.5
9:05:04	5:34:33	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.6	118.0	117.8	118.1	117.3	121.6	137.1	124.9	122.6	83.9	84.4	116.3	508.4	270.6	319.5
9:06:04	5:35:33	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.2	117.4	118.9	126.5	124.9	122.5	83.9	84.4	116.4	508.5	270.6	319.5
9:07:04	5:36:33	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.1	118.3	117.5	116.4	118.0	124.8	122.5	83.9	84.4	116.3	508.5	270.6	319.6
9:08:04	5:37:34	28.9	28.8	30.1	57.1	76.3	118.3	117.8	118.8	118.2	118.0	118.2	117.5	115.9	116.4	124.7	122.3	83.9	84.4	116.4	508.4	270.6	319.5
9:09:04	5:38:34	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.6	115.8	124.7	122.3	83.9	84.4	116.3	508.5	270.6	319.5
9:10:04	5:39:34	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.8	118.1	117.3	115.2	115.4	124.6	122.3	83.9	84.3	116.3	508.5	270.6	319.5
9:11:04	5:40:34	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.3	114.8	115.0	124.6	122.1	83.8	84.3	116.3	508.5	270.5	319.5
9:12:04	5:41:34	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.5	117.9	117.1	118.6	129.3	124.6	122.1	83.8	84.3	116.3	508.5	270.5	319.5
9:13:04	5:42:34	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.0	117.2	117.6	123.9	124.6	122.0	83.8	84.3	116.3	508.5	270.6	319.4
9:14:04	5:43:34	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	118.4	128.1	124.6	121.9	83.8	84.3	116.3	508.5	270.6	319.5
9:15:05	5:44:34	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	117.9	118.2	117.4	122.2	138.1	124.5	121.9	83.8	84.2	116.2	508.4	270.6	319.6
9:16:05	5:45:34	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.3	117.5	117.7	122.3	124.5	121.8	83.8	84.2	116.2	508.4	270.6	319.5
9:17:05	5:46:35	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.2	117.2	124.5	121.8	83.8	84.2	116.3	508.4	270.6	319.5
9:18:05	5:47:35	28.9	28.8	30.1	56.7	75.8	118.2	117.7	118.8	118.1	117.9	118.2	117.4	115.8	116.2	124.4	121.7	83.8	84.2	116.2	508.5	270.6	319.5
9:19:05	5:48:35	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.4	115.4	115.6	124.3	121.6	83.7	84.2	116.2	508.4	270.6	319.5
9:20:05	5:49:35	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	118.0	117.7	118.0	117.3	115.0	115.2	124.4	121.5	83.7	84.2	116.2	508.5	270.6	319.5
9:21:05	5:50:35	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.6	118.0	117.2	114.8	114.9	124.3	121.5	83.7	84.2	116.1	508.5	270.6	319.5
9:22:05	5:51:35	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	119.7	131.5	124.2	121.4	83.7	84.1	116.1	508.5	270.6	319.5
9:23:05	5:52:35	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	117.5	125.6	124.2	121.3	83.7	84.1	116.1	508.5	270.6	319.5
9:24:05	5:53:35	28.9	28.8	30.1	56.7	75.9	118.2	117.7	118.7	118.1	117.8	118.1	117.3	122.1	138.8	124.2	121.3	83.7	84.1	116.2	508.5	270.5	319.4
9:25:06	5:54:35	28.9	28.8	30.1	56.7	75.7	118.3	117.9	118.8	118.2	118.1	118.3	117.6	118.4	124.7	124.2	121.2	83.6	84.1	116.2	508.5	270.6	318.0
9:26:06	5:55:35	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	118.0	118.2	117.5	116.3	117.6	124.1	121.1	83.6	84.1	116.1	508.5	270.6	318.0
9:27:06	5:56:36	28.9	28.8	30.1	57.1	76.2	118.3	117.8	118.9	118.2	117.9	118.2	117.5	116.0	116.3	124.0	121.1	83.7	84.1	116.1	508.5	270.6	319.5
9:28:06	5:57:36	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.8	118.2	117.4	115.6	115.7	124.0	121.0	83.6	84.0	116.1	508.5	270.6	318.0
9:29:06	5:58:36	28.9	28.8	30.1	56.7	76.1	118.1	117.5	118.6	118.1	117.8	118.1	117.3	115.2	115.4	123.9	120.9	83.6	84.1	116.1	508.4	270.6	318.0
9:30:06	5:59:36	28.9	28.8	30.1	56.2	75.7	118.0	117.4	118.6	117.9	117.6	118.0	117.2	114.9	115.0	128.2	120.9	83.6	84.0	116.0	508.5	270.6	318.0
9:31:06	6:00:36	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	118.0	117.2	119.4	131.1	128.3	120.8	83.6	84.0	116.0	508.5	270.6	318.0
9:32:06	6:01:36	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.3	117.1	122.1	128.1	120.7	83.6	84.0	116.0	508.4	270.6	317.9
9:33:06	6:02:36	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.8	117.7	128.1	120.6	83.5	84.0	116.0	508.5	270.6	318.0
9:34:06	6:03:36	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.3	117.8	128.1	120.6	83.5	84.0	116.0	508.5	270.6	318.0
9:35:07	6:04:36	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.3	119.3	129.1	128.1	120.6	83.6	84.0	115.9	508.5	270.6	318.1
9:36:07	6:05:36	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.1	117.3	116.7	120.4	128.0	120.4	83.5	83.9	115.9	508.5	270.6	318.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000420

9:37:07	6:06:37	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.8	117.3	128.0	120.4	83.5	84.0	115.9	508.5	270.5	318.0
9:38:07	6:07:37	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.8	119.4	128.0	120.3	83.5	83.9	115.9	508.5	270.6	318.0
9:39:07	6:08:37	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.3	121.1	136.3	127.9	120.3	83.5	83.9	115.9	508.5	270.5	318.0
9:40:07	6:09:37	28.9	28.8	30.1	56.7	76.0	118.1	117.7	118.7	118.0	117.9	118.1	117.4	118.5	125.3	127.9	120.2	83.4	84.0	115.9	508.5	270.6	318.0
9:41:07	6:10:37	28.9	28.8	30.1	56.2	75.3	118.2	117.7	118.8	118.0	117.9	118.1	117.4	116.2	117.8	127.9	120.1	83.4	83.9	115.9	508.5	270.5	318.0
9:42:07	6:11:37	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.6	116.3	127.9	120.0	83.4	83.9	115.9	508.5	270.6	318.0
9:43:07	6:12:37	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.3	115.7	127.8	120.0	83.4	83.9	115.8	508.5	270.6	318.0
9:44:07	6:13:37	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.6	118.0	117.2	114.9	116.3	127.8	119.9	83.4	83.9	115.8	508.5	270.6	318.0
9:45:08	6:14:37	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.7	118.0	117.2	119.3	129.5	127.7	119.9	83.4	83.8	115.8	508.5	270.6	318.0
9:46:08	6:15:37	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	117.9	117.2	116.7	120.6	127.6	119.8	83.4	83.8	115.8	508.5	270.5	318.0
9:47:08	6:16:38	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.7	118.0	117.2	115.8	117.9	127.7	119.7	83.4	83.8	115.7	508.5	270.6	318.0
9:48:08	6:17:38	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.1	117.3	121.0	135.7	127.6	119.7	83.4	83.8	115.8	508.5	270.6	318.0
9:49:08	6:18:38	28.9	28.8	30.1	56.7	75.7	118.3	117.9	118.8	118.1	118.1	118.2	117.5	120.9	132.7	127.6	119.6	83.3	83.8	115.7	508.5	270.6	318.0
9:50:08	6:19:38	28.9	28.8	30.1	56.2	74.9	118.4	117.9	118.9	118.3	118.1	118.4	117.6	116.9	119.7	127.6	119.6	83.4	83.7	115.7	508.5	270.6	318.0
9:51:08	6:20:38	28.9	28.8	30.1	56.2	75.1	118.3	117.8	118.8	118.2	118.1	118.3	117.6	116.2	116.9	127.5	119.5	83.4	83.8	115.7	508.5	270.5	318.0
9:52:08	6:21:38	28.9	28.8	30.1	56.7	75.9	118.2	117.7	118.8	118.1	118.0	118.2	117.5	115.8	116.1	127.5	119.4	83.4	83.8	115.8	508.5	270.6	318.0
9:53:08	6:22:38	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.8	118.1	117.3	115.4	115.6	127.5	119.4	83.3	83.8	115.7	508.5	270.6	316.5
9:54:08	6:23:38	28.9	28.8	30.1	56.7	76.1	118.1	117.5	118.7	118.0	117.6	118.0	117.3	115.0	115.2	127.4	119.3	83.3	83.6	115.6	508.4	270.6	318.0
9:55:09	6:24:38	28.9	28.8	30.1	56.7	76.2	118.0	117.4	118.6	118.0	117.6	118.0	117.2	116.5	122.6	127.4	119.2	83.3	83.8	115.7	508.5	270.6	316.5
9:56:09	6:25:38	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.1	117.3	118.6	126.9	127.4	119.2	83.4	83.8	115.7	508.4	270.6	316.5
9:57:09	6:26:38	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	118.0	117.8	118.0	117.3	116.4	119.5	127.2	119.1	83.3	83.7	115.6	508.5	270.6	316.5
9:58:09	6:27:39	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.3	115.6	116.8	127.3	119.0	83.3	83.7	115.7	508.4	270.6	316.5
9:59:09	6:28:39	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.2	116.4	122.1	127.2	119.0	83.2	83.7	115.6	508.4	270.6	316.5
10:00:09	6:29:39	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.7	118.0	117.2	118.7	127.4	127.2	119.3	83.2	83.7	116.1	508.5	270.6	316.5
10:01:09	6:30:39	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.5	119.8	127.1	122.6	83.2	83.8	116.3	508.4	270.6	316.5
10:02:09	6:31:39	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.6	118.0	117.3	115.6	117.1	127.1	122.7	83.2	83.6	116.1	508.5	270.6	316.5
10:03:09	6:32:39	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.2	115.8	120.1	127.0	122.8	83.2	83.6	116.1	508.5	270.6	316.5
10:04:09	6:33:39	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.7	118.0	117.2	118.9	127.8	127.1	122.7	83.2	83.6	116.1	508.5	270.6	316.5
10:05:10	6:34:39	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.6	120.1	127.0	122.6	83.3	83.6	116.1	508.5	270.5	316.5
10:06:10	6:35:39	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.8	117.1	126.9	122.6	83.2	83.6	116.1	508.5	270.6	316.5
10:07:10	6:36:39	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.9	132.4	126.9	122.5	83.2	83.6	116.2	508.4	270.6	316.5
10:08:10	6:37:40	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.1	117.4	122.0	136.2	126.9	122.5	83.3	83.6	116.2	508.5	270.6	316.5
10:09:10	6:38:40	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.2	117.5	117.3	121.1	126.7	122.4	83.2	83.6	116.2	508.5	270.6	316.5
10:10:10	6:39:40	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	118.1	118.3	117.5	116.1	117.0	126.8	122.3	83.2	83.6	116.2	508.5	270.6	316.5
10:11:10	6:40:40	28.9	28.8	30.1	56.7	75.8	118.2	117.7	118.8	118.2	117.9	118.1	117.4	115.8	116.1	126.8	122.2	83.2	83.6	116.2	508.5	270.6	316.5
10:12:10	6:41:40	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.8	118.1	117.4	115.3	115.6	126.7	122.1	83.2	83.6	116.2	508.4	270.6	316.5
10:13:10	6:42:40	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.0	115.2	126.7	122.1	83.2	83.5	116.2	508.5	270.6	316.5
10:14:10	6:43:40	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.6	117.9	117.2	114.9	117.4	126.7	122.0	83.2	83.6	116.2	508.5	270.6	316.5
10:15:11	6:44:40	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.4	129.8	126.6	122.0	83.2	83.6	116.1	508.5	270.6	316.5
10:16:11	6:45:40	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.3	116.6	120.7	126.6	121.9	83.2	83.5	116.2	508.5	270.6	316.5
10:17:11	6:46:40	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.7	118.0	117.2	115.6	117.2	126.5	121.8	83.1	83.5	116.1	508.5	270.6	316.5
10:18:11	6:47:41	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.5	117.9	117.1	116.1	121.2	126.5	121.8	83.2	83.5	116.1	508.5	270.6	315.9
10:19:11	6:48:41	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	118.7	127.7	126.5	121.6	83.2	83.4	116.1	508.5	270.6	316.5
10:20:11	6:49:41	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.5	119.9	126.4	121.6	83.2	83.4	116.1	508.5	270.6	316.5
10:21:11	6:50:41	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.1	117.3	119.2	130.0	126.4	121.5	83.2	83.4	116.1	508.5	270.6	316.5
10:22:11	6:51:41	28.9	28.8	30.1	56.2	75.2	118.2	117.8	118.7	118.1	118.0	118.2	117.5	122.0	136.7	126.3	121.4	83.2	83.5	116.2	508.5	270.6	316.5
10:23:11	6:52:41	28.9	28.8	30.1	56.2	74.9	118.3	117.9	118.9	118.2	118.1	118.3	117.5	117.4	121.3	126.3	121.4	83.2	83.5	116.2	508.5	270.6	316.5
10:24:11	6:53:41	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.0	118.3	117.5	116.2	117.0	126.3	121.3	83.2	83.4	116.2	508.5	270.6	316.5
10:25:12	6:54:41	28.9	28.8	30.1	57.1	76.5	118.2	117.7	118.8	118.1	117.9	118.2	117.4	115.8	116.1	126.2	121.3	83.2	83.4	116.2	508.4	270.6	316.5
10:26:12	6:55:41	28.9	28.8	30.1	56.2	75.4	118.1	117.6	118.7	118.1	117.8	118.1	117.4	115.4	115.6	126.2	121.2	83.2	83.5	116.1	508.4	270.6	316.5
10:27:12	6:56:42	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.6	118.0	117.3	115.0	115.2	126.1	121.1	83.1	83.4	116.1	508.4	270.6	316.5
10:28:12	6:57:42	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.6	117.9	117.2	115.4	119.0	126.1	121.0	83.1	83.4	116.1	508.5	270.6	316.5
10:29:12	6:58:42	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.7	118.0	117.2	119.0	128.8	126.1	121.0	83.1	83.4	116.1	508.5	270.6	316.5
10:30:12	6:59:42	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.5	120.2	126.0	120.9	83.1	83.4	116.1	508.5	270.6	316.6
10:31:12	7:00:42	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.6	117.1	126.0	120.8	83.1	83.4	116.1	508.5	270.6	316.5
10:32:12	7:01:42	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.6	117.9	117.2	116.4	122.2	125.9	120.8	83.1	83.4	116.0	508.5	270.6	316.5
10:33:12	7:02:42	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	118.7	127.4	126.0	120.7	83.1	83.4	116.0	508.5	270.6	316.5
10:34:12	7:03:42	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.1	117.3	116.5	119.8	125.9	120.7	83.1	83.4	116.1	508.5	270.6	316.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000421

10:35:13	7:04:42	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.7	118.0	117.2	115.8	117.1	125.9	120.6	83.1	83.4	116.0	508.5	270.6	316.5
10:36:13	7:05:42	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.2	115.9	125.9	120.6	83.2	83.4	116.0	508.5	270.6	316.5
10:37:13	7:06:43	28.9	28.8	30.1	56.2	75.9	117.9	117.3	118.5	117.8	117.6	118.0	117.2	119.2	130.8	125.8	120.5	83.1	83.4	116.0	508.5	270.6	316.5
10:38:13	7:07:43	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.3	122.9	125.8	120.5	83.1	83.4	116.0	508.5	270.6	316.5
10:39:13	7:08:43	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.6	118.0	117.8	118.0	117.3	121.5	137.0	125.7	120.3	83.2	83.4	116.0	508.5	270.6	316.5
10:40:13	7:09:43	28.9	28.8	30.1	56.2	75.1	118.3	117.9	118.8	118.1	118.1	118.3	117.5	119.4	127.8	125.6	120.3	83.1	83.3	116.0	508.5	270.6	316.6
10:41:13	7:10:43	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.1	118.3	117.6	116.5	118.3	125.6	120.2	83.1	83.3	116.0	508.4	270.6	316.5
10:42:13	7:11:43	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	118.1	118.3	117.5	116.0	116.5	125.6	120.2	83.1	83.3	116.0	508.4	270.6	316.5
10:43:13	7:12:43	28.9	28.8	30.1	56.7	75.8	118.2	117.7	118.7	118.2	118.0	118.2	117.5	115.6	116.0	125.6	120.1	83.1	83.4	116.0	508.5	270.5	316.5
10:44:13	7:13:43	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.8	118.1	117.4	115.2	115.5	125.5	120.0	83.1	83.4	116.0	508.4	270.6	315.1
10:45:14	7:14:43	28.9	28.8	30.1	56.7	76.2	118.0	117.4	118.6	118.0	117.7	118.0	117.3	114.9	115.2	125.6	120.0	83.1	83.3	115.9	508.5	270.6	315.0
10:46:14	7:15:43	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.6	118.0	117.2	117.7	126.5	125.5	120.0	83.1	83.3	115.9	508.4	270.6	314.9
10:47:14	7:16:44	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.1	117.3	117.9	125.3	125.4	119.8	83.1	83.3	115.9	508.5	270.6	316.5
10:48:14	7:17:44	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.0	117.2	116.1	118.9	125.3	119.8	83.1	83.3	115.9	508.5	270.6	315.0
10:49:14	7:18:44	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.2	115.4	116.5	125.5	119.7	83.0	83.3	115.9	508.5	270.6	315.0
10:50:14	7:19:44	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.6	117.9	117.1	118.3	128.1	125.4	119.7	83.1	83.3	115.9	508.4	270.6	315.0
10:51:14	7:20:44	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.8	124.4	125.4	119.6	83.1	83.3	115.9	508.5	270.6	315.0
10:52:14	7:21:44	28.9	28.8	30.1	56.8	76.4	118.0	117.5	118.6	118.0	117.7	118.0	117.3	116.2	118.7	125.3	119.5	83.1	83.3	115.8	508.4	270.6	315.0
10:53:14	7:22:44	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.6	116.6	125.2	119.4	83.1	83.3	115.8	508.5	270.6	315.0
10:54:14	7:23:44	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.0	129.8	125.2	119.4	83.1	83.3	115.8	508.5	270.6	315.0
10:55:15	7:24:44	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.8	118.0	117.3	117.5	123.1	125.2	119.4	83.1	83.3	115.8	508.5	270.6	315.1
10:56:15	7:25:44	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.0	118.3	125.1	119.3	83.1	83.2	115.7	508.5	270.6	315.0
10:57:15	7:26:45	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.4	116.4	125.2	119.3	83.1	83.3	115.7	508.4	270.6	315.0
10:58:15	7:27:45	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	118.0	117.2	119.0	130.1	125.1	119.2	83.0	83.3	115.7	508.5	270.6	315.0
10:59:15	7:28:45	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.8	118.1	117.3	117.5	123.4	125.1	119.2	83.1	83.3	115.7	508.5	270.6	313.6
11:00:15	7:29:45	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.3	116.2	118.5	125.0	119.1	83.1	83.2	115.7	508.5	270.6	315.0
11:01:15	7:30:45	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.6	118.0	117.2	115.6	116.5	125.0	119.0	83.1	83.2	115.7	508.5	270.6	313.5
11:02:15	7:31:45	28.9	28.8	30.1	56.2	75.7	118.0	117.4	118.6	117.9	117.6	118.0	117.2	119.4	130.6	124.9	121.7	83.1	83.2	117.6	508.5	270.6	313.5
11:03:15	7:32:45	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.1	117.3	117.2	122.3	125.0	122.6	83.0	83.3	116.3	508.5	270.6	313.5
11:04:15	7:33:45	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.0	117.2	116.1	118.1	124.9	122.8	83.1	83.2	116.2	508.5	270.6	313.5
11:05:16	7:34:45	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.4	116.4	124.8	122.7	83.1	83.2	116.2	508.4	270.6	313.5
11:06:15	7:35:45	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	117.9	117.1	117.9	126.8	124.8	122.6	83.0	83.2	116.2	508.5	270.6	313.5
11:07:16	7:36:45	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.8	118.0	117.2	117.9	124.7	124.8	122.5	83.1	83.3	116.3	508.5	270.5	313.7
11:08:16	7:37:46	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.2	118.9	124.8	122.5	83.1	83.3	116.3	508.5	270.6	313.5
11:09:16	7:38:46	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.6	116.7	124.7	122.4	83.0	83.3	116.3	508.5	270.6	313.5
11:10:16	7:39:46	28.9	28.8	30.1	56.2	76.0	117.8	117.3	118.5	117.7	117.6	117.9	117.2	115.2	116.6	124.7	122.4	83.1	83.2	116.2	508.5	270.6	313.5
11:11:16	7:40:46	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.8	117.6	117.9	117.1	119.4	129.7	124.6	122.4	83.1	83.2	116.2	508.5	270.6	313.5
11:12:16	7:41:46	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.2	130.8	124.7	122.2	83.0	83.3	116.3	508.4	270.6	313.4
11:13:16	7:42:46	28.9	28.8	30.1	56.2	75.2	118.2	117.8	118.8	118.1	117.9	118.1	117.3	121.7	135.6	124.6	122.2	83.1	83.2	116.3	508.5	270.6	313.5
11:14:16	7:43:46	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.9	118.2	118.1	118.3	117.5	117.2	120.9	124.6	122.1	83.1	83.3	116.3	508.5	270.6	313.5
11:15:17	7:44:46	28.9	28.8	30.1	57.1	76.3	118.3	117.8	118.8	118.2	118.0	118.2	117.4	116.1	117.0	124.5	122.0	83.1	83.3	116.3	508.5	270.6	313.5
11:16:17	7:45:46	28.9	28.8	30.1	56.7	75.9	118.2	117.7	118.7	118.1	117.9	118.2	117.4	115.8	116.2	124.4	122.0	83.1	83.3	116.3	508.4	270.6	313.5
11:17:17	7:46:46	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.9	118.1	117.4	115.4	115.7	124.4	121.9	83.1	83.3	116.3	508.5	270.6	312.0
11:18:17	7:47:47	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.0	115.2	124.4	121.9	83.1	83.3	116.3	508.5	270.6	312.0
11:19:17	7:48:47	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.9	117.6	118.0	117.2	114.9	117.1	124.4	121.8	83.1	83.3	116.3	508.5	270.6	312.0
11:20:17	7:49:47	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.6	118.0	117.2	119.4	130.4	124.3	121.7	83.1	83.4	116.3	508.5	270.6	312.0
11:21:17	7:50:47	28.9	28.8	30.1	56.6	76.1	118.0	117.5	118.6	118.0	117.7	118.0	117.2	116.7	121.0	124.2	121.6	83.1	83.3	116.2	508.5	270.6	312.0
11:22:17	7:51:47	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.8	117.4	124.3	121.5	83.1	83.3	116.2	508.5	270.6	313.5
11:23:17	7:52:47	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.6	117.8	117.6	118.0	117.2	116.6	122.6	124.2	121.5	83.1	83.4	116.2	508.5	270.6	312.0
11:24:17	7:53:47	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.2	118.6	126.8	124.2	121.4	83.1	83.3	116.2	508.5	270.6	312.0
11:25:18	7:54:47	28.9	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.1	117.3	116.5	119.6	124.2	121.3	83.1	83.3	116.2	508.5	270.6	312.0
11:26:18	7:55:47	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.6	117.0	124.1	121.3	83.1	83.3	116.2	508.5	270.6	312.0
11:27:18	7:56:47	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.2	115.9	124.0	121.2	83.1	83.3	116.1	508.5	270.6	312.0
11:28:18	7:57:48	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.6	117.9	117.2	119.6	130.9	125.5	121.2	83.2	83.3	116.2	508.5	270.6	312.0
11:29:18	7:58:48	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.8	118.0	117.3	116.9	121.5	128.4	121.1	83.1	83.3	116.2	508.5	270.6	312.0
11:30:18	7:59:48	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.8	117.7	128.4	121.0	83.2	83.4	116.2	508.4	270.6	312.0
11:31:18	8:00:48	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.2	115.2	116.2	128.3	120.9	83.1	83.4	116.1	508.4	270.6	312.0
11:32:18	8:01:48	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	119.7	130.7	128.3	120.9	83.2	83.3	116.1	508.4	270.6	312.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000422

11:33:19	8:02:48	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.3	116.9	121.3	128.3	120.8	83.2	83.4	116.2	508.5	270.6	312.0
11:34:19	8:03:48	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.7	118.0	117.2	115.9	117.7	128.3	120.8	83.2	83.4	116.1	508.5	270.6	312.0
11:35:19	8:04:48	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.3	116.3	128.3	120.7	83.2	83.4	116.1	508.5	270.6	312.0
11:36:19	8:05:48	28.9	28.8	30.1	56.2	75.9	117.9	117.3	118.5	117.8	117.5	117.9	117.1	118.1	127.7	128.3	120.6	83.2	83.4	116.0	508.5	270.6	312.0
11:37:19	8:06:49	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	117.9	124.7	128.2	120.6	83.2	83.4	116.1	508.5	270.6	312.0
11:38:19	8:07:49	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.2	118.9	128.2	120.5	83.2	83.4	116.1	508.5	270.6	312.0
11:39:19	8:08:49	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.7	118.0	117.2	115.6	116.8	128.2	120.5	83.3	83.4	116.1	508.5	270.6	312.0
11:40:19	8:09:49	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.1	119.6	131.9	128.1	120.4	83.2	83.4	116.0	508.5	270.6	312.0
11:41:19	8:10:49	28.9	28.8	30.1	56.2	75.3	118.2	117.7	118.8	118.0	117.9	118.1	117.2	122.4	138.6	128.1	120.4	83.2	83.4	116.0	508.5	270.6	312.0
11:42:19	8:11:49	28.9	28.8	30.1	56.2	75.1	118.3	117.9	118.8	118.1	118.1	118.3	117.5	117.6	122.2	128.1	120.3	83.2	83.4	116.1	508.5	270.5	312.0
11:43:19	8:12:49	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	118.0	118.2	117.4	116.2	117.2	128.0	120.3	83.2	83.4	116.0	508.5	270.6	312.1
11:44:20	8:13:49	28.9	28.8	30.1	56.7	75.8	118.2	117.7	118.8	118.1	117.9	118.2	117.4	115.8	116.1	128.0	120.2	83.2	83.4	116.0	508.5	270.6	312.5
11:45:20	8:14:49	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.4	115.6	128.0	120.1	83.2	83.4	116.0	508.4	270.6	311.9
11:46:20	8:15:49	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.0	115.2	128.0	120.1	83.2	83.4	116.0	508.4	270.5	312.0
11:47:20	8:16:50	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.1	114.7	114.9	127.9	119.9	83.2	83.4	115.9	508.4	270.6	312.0
11:48:20	8:17:50	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.6	117.9	117.1	119.6	131.5	127.9	119.9	83.2	83.4	115.9	508.4	270.6	312.0
11:49:20	8:18:50	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.9	121.7	127.8	119.8	83.2	83.4	115.9	508.5	270.6	312.0
11:50:20	8:19:50	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.8	117.6	127.8	119.8	83.2	83.5	116.0	508.4	270.6	312.0
11:51:20	8:20:50	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	119.1	130.2	127.7	119.7	83.2	83.4	115.9	508.4	270.6	312.0
11:52:20	8:21:50	28.9	28.8	30.1	56.2	75.5	118.1	117.6	118.6	118.0	117.8	118.1	117.3	119.0	127.5	127.7	119.7	83.2	83.5	115.9	508.5	270.6	312.1
11:53:20	8:22:50	28.9	28.8	30.1	56.7	76.0	118.1	117.7	118.7	118.0	117.9	118.1	117.3	116.5	119.1	127.7	119.6	83.2	83.5	115.9	508.5	270.6	312.0
11:54:21	8:23:50	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.1	117.3	115.8	116.7	127.7	119.5	83.2	83.5	115.9	508.4	270.6	312.0
11:55:21	8:24:50	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.3	115.8	127.6	119.5	83.3	83.5	115.9	508.5	270.6	312.0
11:56:21	8:25:50	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.5	117.9	117.1	114.9	115.3	127.6	119.4	83.2	83.5	115.9	508.5	270.6	312.0
11:57:21	8:26:51	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.5	117.9	117.1	119.3	130.9	127.6	119.4	83.3	83.5	115.8	508.5	270.6	312.0
11:58:21	8:27:51	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	117.2	122.7	127.5	119.2	83.2	83.5	115.8	508.5	270.6	312.0
11:59:21	8:28:51	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.8	131.9	127.5	119.2	83.3	83.5	115.9	508.5	270.6	312.0
12:00:21	8:29:51	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.7	118.1	118.0	118.2	117.4	121.9	136.3	127.5	119.1	83.2	83.5	115.8	508.5	270.6	312.0
12:01:21	8:30:51	28.9	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.2	118.1	118.3	117.5	117.4	121.3	127.4	119.2	83.3	83.5	115.8	508.5	270.6	312.0
12:02:21	8:31:51	28.9	28.8	30.1	56.7	75.7	118.3	117.8	118.8	118.2	118.1	118.3	117.5	116.2	117.0	127.4	119.0	83.2	83.6	115.8	508.5	270.6	311.9
12:03:21	8:32:51	28.9	28.8	30.1	56.2	75.1	118.3	117.8	118.8	118.2	117.9	118.2	117.4	115.8	116.2	127.3	119.0	83.3	83.6	115.8	508.5	270.6	312.0
12:04:22	8:33:51	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.1	117.8	118.1	117.3	115.4	115.7	127.2	121.5	83.3	83.6	118.0	508.4	270.6	312.0
12:05:22	8:34:51	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.0	117.3	115.2	115.4	127.2	122.8	83.3	83.6	116.4	508.5	270.6	310.5
12:06:22	8:35:51	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.1	114.8	115.0	127.1	122.8	83.3	83.6	116.3	508.5	270.6	310.5
12:07:22	8:36:52	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	119.6	131.6	127.1	122.8	83.3	83.6	116.3	508.5	270.6	310.5
12:08:22	8:37:52	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.9	121.8	127.0	122.7	83.3	83.6	116.3	508.5	270.6	312.0
12:09:22	8:38:52	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	117.9	117.2	115.8	117.7	127.0	122.6	83.3	83.6	116.3	508.5	270.6	310.5
12:10:22	8:39:52	28.9	28.8	30.1	56.2	75.8	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.2	116.1	127.1	122.6	83.3	83.6	116.4	508.5	270.6	310.5
12:11:22	8:40:52	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.5	117.8	117.1	117.7	126.5	126.9	122.6	83.4	83.5	116.3	508.5	270.6	310.5
12:12:22	8:41:52	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	118.1	125.7	126.9	122.5	83.3	83.6	116.3	508.4	270.6	310.5
12:13:22	8:42:52	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.2	119.2	126.9	122.4	83.3	83.6	116.3	508.5	270.6	310.4
12:14:22	8:43:52	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.6	116.7	126.8	122.3	83.3	83.6	116.4	508.5	270.6	310.5
12:15:23	8:44:52	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.1	119.4	130.8	126.9	122.2	83.3	83.6	116.3	508.5	270.6	310.5
12:16:23	8:45:52	28.9	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	117.4	122.6	126.8	122.2	83.4	83.6	116.4	508.5	270.6	310.5
12:17:23	8:46:53	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.1	118.2	126.7	122.1	83.3	83.6	116.4	508.4	270.6	310.5
12:18:23	8:47:53	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	115.6	117.5	126.8	122.0	83.3	83.6	116.4	508.4	270.5	310.5
12:19:23	8:48:53	28.9	28.8	30.1	56.2	75.7	118.0	117.5	118.5	117.9	117.7	118.0	117.2	119.3	128.9	126.6	122.0	83.4	83.6	116.3	508.5	270.6	310.5
12:20:23	8:49:53	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.0	117.2	116.8	120.5	126.6	121.9	83.4	83.6	116.4	508.5	270.6	310.5
12:21:23	8:50:53	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.9	117.5	126.5	121.9	83.4	83.6	116.3	508.4	270.6	310.5
12:22:23	8:51:53	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.3	116.1	126.5	121.8	83.3	83.6	116.3	508.5	270.6	310.5
12:23:23	8:52:53	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.6	118.0	117.1	119.7	131.0	126.5	121.7	83.4	83.6	116.3	508.5	270.6	310.5
12:24:24	8:53:53	28.9	28.8	30.1	56.2	75.6	118.0	117.6	118.6	117.9	117.7	118.0	117.2	117.1	121.7	126.5	121.7	83.4	83.6	116.3	508.5	270.6	310.5
12:25:24	8:54:53	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.0	117.8	126.4	121.6	83.4	83.6	116.4	508.4	270.6	310.5
12:26:24	8:55:53	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.4	116.3	126.4	121.5	83.3	83.6	116.3	508.5	270.6	310.5
12:27:24	8:56:54	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	119.3	130.6	126.3	121.4	83.4	83.6	116.3	508.5	270.6	309.0
12:28:24	8:57:54	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.4	122.9	126.3	121.4	83.3	83.6	116.3	508.5	270.6	310.5
12:29:24	8:58:54	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.1	118.2	126.3	121.3	83.4	83.6	116.3	508.5	270.6	309.0
12:30:24	8:59:54	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.7	118.0	117.2	115.6	116.5	126.3	121.3	83.4	83.6	116.3	508.5	270.6	309.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000423

12:31:24	9:00:54	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	119.7	130.7	126.2	121.2	83.4	83.6	116.3	508.5	270.6	309.0
12:32:24	9:01:54	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.0	117.2	117.0	121.5	126.1	121.1	83.4	83.6	116.3	508.5	270.6	308.9
12:33:24	9:02:54	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.7	118.0	117.2	115.9	117.8	126.2	121.0	83.4	83.6	116.3	508.5	270.6	309.0
12:34:25	9:03:54	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.4	116.3	126.2	121.0	83.4	83.7	116.3	508.5	270.6	309.0
12:35:25	9:04:54	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.1	119.0	130.1	126.0	120.9	83.4	83.6	116.2	508.5	270.6	309.0
12:36:25	9:05:54	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.2	117.5	123.2	126.0	120.8	83.4	83.6	116.3	508.5	270.6	309.0
12:37:25	9:06:55	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.7	118.0	117.2	116.1	118.4	126.0	120.8	83.4	83.6	116.2	508.4	270.6	309.0
12:38:25	9:07:55	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.2	115.6	116.7	125.9	120.7	83.4	83.6	116.2	508.5	270.6	309.0
12:39:25	9:08:55	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.5	129.8	125.9	120.7	83.4	83.6	116.2	508.4	270.6	309.0
12:40:25	9:09:55	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.2	117.0	121.0	125.8	120.6	83.4	83.6	116.2	508.5	270.6	309.0
12:41:25	9:10:55	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.0	117.2	116.0	117.7	125.8	120.6	83.4	83.6	116.2	508.5	270.6	309.0
12:42:25	9:11:55	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.7	118.0	117.2	115.6	116.3	125.9	120.5	83.5	83.7	116.2	508.5	270.6	309.0
12:43:25	9:12:55	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	117.9	117.1	119.7	130.8	125.7	120.4	83.4	83.6	116.1	508.5	270.6	309.0
12:44:26	9:13:55	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.1	117.2	117.1	121.5	125.7	120.3	83.4	83.6	116.2	508.5	270.6	309.0
12:45:26	9:14:55	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.8	118.0	117.2	115.9	117.8	125.6	120.2	83.4	83.6	116.1	508.4	270.6	309.0
12:46:26	9:15:55	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.6	118.0	117.2	115.8	118.6	125.7	120.2	83.4	83.6	116.1	508.5	270.6	309.0
12:47:26	9:16:56	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.2	128.4	125.6	120.2	83.4	83.6	116.1	508.4	270.6	309.1
12:48:26	9:17:56	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.7	118.0	117.8	118.1	117.2	116.8	120.4	125.6	120.1	83.4	83.6	116.1	508.4	270.6	309.0
12:49:26	9:18:56	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.1	117.2	115.8	117.4	125.6	120.0	83.4	83.6	116.1	508.4	270.6	309.0
12:50:26	9:19:56	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.1	115.4	116.6	125.5	120.0	83.4	83.6	116.0	508.5	270.6	309.0
12:51:26	9:20:56	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	119.4	129.3	125.5	119.9	83.5	83.6	116.0	508.4	270.6	309.0
12:52:26	9:21:56	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.2	116.8	120.7	125.4	119.8	83.4	83.6	116.0	508.4	270.6	309.0
12:53:26	9:22:56	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.8	118.1	117.2	115.9	117.5	125.4	119.7	83.4	83.7	116.0	508.5	270.6	309.0
12:54:27	9:23:56	28.9	28.8	30.1	57.1	76.8	118.0	117.6	118.6	117.9	117.8	118.0	117.2	120.1	132.9	125.3	119.7	83.4	83.6	115.9	508.5	270.6	309.0
12:55:27	9:24:56	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	117.9	118.1	117.3	119.5	128.6	125.2	119.7	83.5	83.6	116.0	508.5	270.6	308.9
12:56:27	9:25:56	28.9	28.8	30.1	56.6	75.8	118.2	117.8	118.8	118.1	118.0	118.2	117.4	116.4	118.4	125.2	119.5	83.4	83.6	116.0	508.5	270.6	308.9
12:57:27	9:26:57	28.9	28.8	30.1	56.7	76.0	118.1	117.7	118.7	118.0	117.9	118.2	117.3	115.8	116.4	125.2	119.5	83.4	83.7	116.0	508.4	270.6	309.0
12:58:27	9:27:57	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.6	118.0	117.8	118.0	117.3	115.4	115.7	125.2	119.4	83.4	83.6	115.9	508.5	270.6	309.0
12:59:27	9:28:57	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.2	115.3	125.1	119.4	83.4	83.6	115.9	508.4	270.6	309.0
13:00:27	9:29:57	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	117.9	117.1	117.8	126.8	125.1	119.3	83.4	83.6	115.9	508.4	270.6	309.0
13:01:27	9:30:57	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.7	118.0	117.2	118.0	125.1	125.1	119.3	83.5	83.7	115.9	508.5	270.6	309.1
13:02:27	9:31:57	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.8	118.1	117.2	116.2	118.9	125.0	119.2	83.4	83.7	115.9	508.5	270.6	309.1
13:03:27	9:32:57	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.6	116.7	125.0	119.1	83.4	83.7	115.9	508.4	270.6	309.0
13:04:28	9:33:57	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.5	117.9	117.0	117.2	124.9	124.9	119.1	83.4	83.6	115.8	508.5	270.6	309.0
13:05:28	9:34:57	28.9	28.8	30.1	56.2	75.6	118.0	117.5	118.6	117.9	117.6	118.0	117.1	118.3	125.9	124.9	119.1	83.4	83.6	115.8	508.5	270.6	309.0
13:06:28	9:35:57	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.3	119.3	124.9	122.5	83.4	83.6	116.6	508.5	270.6	309.0
13:07:28	9:36:58	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	117.9	117.2	115.6	116.9	124.8	122.7	83.4	83.7	116.3	508.5	270.6	309.0
13:08:28	9:37:58	28.9	28.8	30.1	57.1	77.1	117.9	117.4	118.5	117.8	117.7	117.9	117.2	119.5	131.0	124.8	122.7	83.4	83.7	116.3	508.5	270.6	309.0
13:09:28	9:38:58	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.1	117.3	117.4	122.6	124.7	122.6	83.4	83.7	116.3	508.4	270.6	309.0
13:10:28	9:39:58	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.1	117.2	116.1	118.3	124.7	122.6	83.4	83.7	116.3	508.4	270.6	309.0
13:11:28	9:40:58	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.6	116.6	124.7	122.5	83.4	83.7	116.4	508.5	270.6	309.0
13:12:28	9:41:58	28.9	28.8	30.1	56.7	76.5	117.9	117.3	118.5	117.8	117.6	118.0	117.1	117.5	125.3	124.7	122.5	83.5	83.7	116.3	508.4	270.6	309.0
13:13:28	9:42:58	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.7	118.1	117.2	118.1	125.3	124.7	122.4	83.5	83.7	116.4	508.5	270.6	309.0
13:14:29	9:43:58	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.1	117.2	116.4	119.2	124.6	122.4	83.6	83.7	116.4	508.5	270.6	309.0
13:15:29	9:44:58	28.9	28.8	30.1	56.8	76.4	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.6	116.9	124.5	122.3	83.5	83.7	116.3	508.5	270.6	309.0
13:16:29	9:45:58	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.1	116.5	122.5	124.4	122.2	83.5	83.7	116.3	508.4	270.6	309.0
13:17:29	9:46:59	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	118.6	126.8	124.3	122.1	83.4	83.7	116.3	508.5	270.6	309.0
13:18:29	9:47:59	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.8	118.0	117.2	116.5	119.7	124.4	122.0	83.5	83.7	116.3	508.5	270.6	309.0
13:19:29	9:48:59	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.8	118.0	117.2	115.8	117.1	124.3	122.0	83.5	83.7	116.3	508.5	270.6	309.0
13:20:29	9:49:59	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.7	118.0	117.1	119.4	130.8	124.3	121.9	83.5	83.7	116.3	508.5	270.6	309.0
13:21:29	9:50:59	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.2	117.4	122.7	124.2	121.8	83.4	83.7	116.4	508.5	270.6	309.0
13:22:29	9:51:59	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.1	117.2	116.1	118.3	124.2	121.8	83.5	83.7	116.4	508.4	270.6	309.0
13:23:29	9:52:59	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.1	115.6	116.6	124.1	121.7	83.5	83.7	116.3	508.5	270.6	309.0
13:24:30	9:53:59	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.8	117.6	118.0	117.1	115.3	117.8	124.1	121.7	83.5	83.8	116.4	508.5	270.6	309.0
13:25:30	9:54:59	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.1	119.3	129.2	124.2	121.6	83.5	83.8	116.3	508.4	270.6	309.0
13:26:30	9:55:59	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.8	118.1	117.2	116.7	120.6	124.0	121.6	83.5	83.6	116.3	508.4	270.6	307.5
13:27:30	9:57:00	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.8	117.4	124.1	121.5	83.5	83.7	116.3	508.4	270.6	309.0
13:28:30	9:58:00	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.6	118.0	117.2	119.4	131.2	124.0	121.4	83.4	83.7	116.3	508.4	270.6	307.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000424

13:29:30	9:59:00	28.9	28.8	30.1	57.1	76.6	118.1	117.7	118.7	118.0	117.9	118.1	117.3	122.4	138.7	124.0	121.4	83.5	83.6	116.3	508.5	270.6	307.5
13:30:30	10:00:00	28.9	28.8	30.1	57.1	76.1	118.4	118.0	118.9	118.2	118.1	118.3	117.5	117.7	122.4	124.0	121.3	83.5	83.7	116.4	508.4	270.6	307.5
13:31:30	10:01:00	28.9	28.8	30.1	57.1	76.3	118.3	117.8	118.8	118.2	118.1	118.3	117.5	116.2	117.2	128.2	121.2	83.5	83.8	116.4	508.5	270.6	307.5
13:32:30	10:02:00	28.9	28.8	30.1	57.1	76.4	118.2	117.8	118.8	118.1	117.9	118.2	117.4	115.8	116.3	128.2	121.2	83.5	83.7	116.3	508.5	270.6	307.5
13:33:30	10:03:00	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.7	118.0	117.8	118.1	117.3	115.6	115.8	128.1	121.1	83.5	83.7	116.3	508.5	270.6	307.5
13:34:31	10:04:00	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	118.0	117.7	118.0	117.2	115.2	115.4	128.2	121.0	83.5	83.7	116.3	508.5	270.6	307.5
13:35:31	10:05:00	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	118.0	117.2	114.8	115.0	128.1	121.0	83.5	83.7	116.3	508.5	270.6	307.5
13:36:31	10:06:01	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.6	118.0	117.1	119.4	131.5	128.0	120.9	83.5	83.7	116.2	508.5	270.6	307.5
13:37:31	10:07:01	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.2	122.6	128.0	120.9	83.5	83.7	116.2	508.5	270.5	307.5
13:38:31	10:08:01	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.8	118.0	128.1	120.7	83.5	83.6	116.2	508.5	270.6	307.5
13:39:31	10:09:01	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.5	117.9	117.1	115.2	116.2	128.1	120.7	83.5	83.7	116.2	508.5	270.6	307.5
13:40:31	10:10:01	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	117.9	117.1	119.6	131.8	128.1	120.6	83.4	83.7	116.2	508.4	270.6	307.5
13:41:31	10:11:01	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.0	117.2	117.4	122.9	128.0	120.6	83.5	83.7	116.2	508.5	270.6	307.5
13:42:31	10:12:01	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.2	116.1	118.3	127.9	120.5	83.5	83.7	116.2	508.5	270.6	307.5
13:43:31	10:13:01	28.9	28.8	30.1	56.6	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.4	116.5	127.9	120.4	83.5	83.7	116.2	508.5	270.5	307.5
13:44:32	10:14:01	28.9	28.8	30.1	56.7	76.3	118.0	117.4	118.6	117.9	117.6	117.9	117.2	118.9	129.4	127.8	120.4	83.5	83.7	116.1	508.5	270.6	307.5
13:45:32	10:15:01	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.0	117.2	118.6	126.5	127.9	120.3	83.5	83.7	116.2	508.5	270.6	307.5
13:46:32	10:16:02	28.9	28.8	30.1	56.7	76.2	118.0	117.6	118.6	117.9	117.8	118.0	117.3	116.6	119.7	127.8	120.3	83.5	83.7	116.1	508.5	270.6	307.5
13:47:32	10:17:02	28.9	28.8	30.1	57.1	76.6	118.1	117.6	118.7	118.0	117.8	118.0	117.2	115.9	117.3	127.7	120.2	83.5	83.7	116.1	508.5	270.6	307.5
13:48:32	10:18:02	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.4	116.1	127.7	120.1	83.5	83.8	116.1	508.4	270.6	307.5
13:49:32	10:19:02	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.6	117.9	117.1	117.5	125.7	127.7	120.0	83.5	83.7	116.1	508.4	270.6	307.2
13:50:32	10:20:02	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.8	118.0	117.2	118.3	125.8	127.6	120.0	83.5	83.7	116.1	508.5	270.6	307.5
13:51:32	10:21:02	28.9	28.8	30.1	57.1	76.7	118.1	117.6	118.6	118.0	117.8	118.0	117.2	116.4	119.4	127.6	119.9	83.5	83.7	116.0	508.5	270.6	307.5
13:52:32	10:22:02	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	118.0	117.8	118.0	117.2	115.8	117.0	127.6	120.0	83.6	83.7	116.0	508.5	270.6	307.5
13:53:32	10:23:02	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.2	115.9	127.5	119.8	83.5	83.7	116.0	508.5	270.6	306.1
13:54:33	10:24:02	28.9	28.8	30.1	57.1	77.1	117.9	117.3	118.5	117.8	117.5	117.9	117.1	118.6	129.1	127.5	119.8	83.6	83.7	116.0	508.5	270.6	307.5
13:55:33	10:25:02	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.7	118.0	117.2	117.6	124.0	127.6	119.7	83.5	83.7	116.0	508.5	270.6	306.0
13:56:33	10:26:03	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.8	118.0	117.2	120.6	134.6	127.5	119.7	83.6	83.7	116.0	508.4	270.6	307.5
13:57:33	10:27:03	28.9	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.1	118.1	118.2	117.4	120.8	132.3	127.5	119.5	83.5	83.7	116.0	508.5	270.6	307.5
13:58:33	10:28:03	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.8	118.2	118.1	118.3	117.5	116.9	119.6	127.5	119.5	83.6	83.7	116.0	508.5	270.6	307.5
13:59:33	10:29:03	28.9	28.8	30.1	57.1	76.3	118.3	117.9	118.8	118.2	118.1	118.3	117.5	116.1	116.8	127.5	119.5	83.6	83.7	116.0	508.5	270.6	306.0
14:00:33	10:30:03	28.9	28.8	30.1	56.7	75.8	118.2	117.8	118.8	118.1	117.9	118.2	117.4	115.8	116.1	127.3	119.4	83.5	83.7	116.0	508.5	270.6	307.5
14:01:33	10:31:03	28.9	28.8	30.1	57.1	76.5	118.2	117.7	118.8	118.1	117.9	118.1	117.3	115.4	115.7	127.3	119.4	83.6	83.7	115.9	508.5	270.5	306.0
14:02:33	10:32:03	28.9	28.8	30.1	56.7	76.0	118.1	117.6	118.7	118.0	117.7	118.0	117.2	115.0	115.3	127.2	119.3	83.5	83.7	115.9	508.5	270.6	307.5
14:03:33	10:33:03	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	114.7	114.9	127.2	119.2	83.6	83.7	115.8	508.5	270.6	307.5
14:04:34	10:34:03	28.9	28.8	30.1	57.1	77.1	117.9	117.3	118.5	117.8	117.5	118.0	117.1	118.8	130.1	127.2	119.2	83.6	83.6	115.8	508.4	270.5	306.0
14:05:34	10:35:03	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	117.4	123.5	127.2	119.1	83.5	83.7	115.8	508.4	270.6	305.9
14:06:34	10:36:04	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	115.9	118.3	127.1	119.1	83.5	83.7	115.8	508.5	270.6	306.0
14:07:34	10:37:04	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.2	115.8	119.9	127.1	119.2	83.5	83.7	116.1	508.5	270.6	306.0
14:08:34	10:38:04	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.7	118.1	117.2	121.1	136.6	127.1	122.6	83.5	83.7	116.5	508.4	270.6	306.0
14:09:34	10:39:04	28.9	28.8	30.1	57.1	76.5	118.2	117.8	118.7	118.0	118.0	118.3	117.4	121.6	135.3	127.0	122.7	83.5	83.6	116.3	508.4	270.6	306.0
14:10:34	10:40:04	28.9	28.8	30.1	57.1	76.2	118.3	118.0	118.8	118.2	118.1	118.3	117.5	117.2	120.7	127.0	122.7	83.5	83.8	116.4	508.5	270.6	306.0
14:11:34	10:41:04	28.9	28.8	30.1	56.7	75.6	118.3	117.9	118.8	118.2	118.1	118.3	117.5	116.2	117.1	126.9	122.7	83.5	83.7	116.4	508.5	270.6	306.0
14:12:34	10:42:04	28.9	28.8	30.1	57.1	76.3	118.3	117.8	118.8	118.2	118.0	118.3	117.5	115.8	116.2	126.9	122.6	83.5	83.7	116.4	508.5	270.6	306.0
14:13:34	10:43:04	28.9	28.8	30.1	57.1	76.6	118.1	117.6	118.7	118.1	117.9	118.1	117.4	115.6	115.8	126.8	122.6	83.5	83.7	116.3	508.5	270.6	304.5
14:14:35	10:44:04	28.9	28.8	30.1	56.7	76.1	118.1	117.6	118.6	118.0	117.7	118.0	117.3	115.2	115.4	126.8	122.5	83.5	83.7	116.3	508.5	270.6	304.5
14:15:35	10:45:04	28.9	28.8	30.1	57.1	76.9	118.0	117.4	118.6	117.9	117.6	118.0	117.2	114.8	115.1	126.7	122.5	83.6	83.7	116.3	508.5	270.6	304.5
14:16:35	10:46:05	28.9	28.8	30.1	57.1	77.1	117.9	117.3	118.5	117.9	117.6	117.9	117.1	118.1	128.4	126.7	122.4	83.5	83.7	116.3	508.5	270.6	304.5
14:17:35	10:47:05	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	117.9	117.7	118.0	117.2	117.7	124.7	126.7	122.3	83.5	83.7	116.3	508.4	270.6	304.5
14:18:35	10:48:05	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.0	118.7	126.6	122.2	83.5	83.7	116.3	508.5	270.6	304.5
14:19:35	10:49:05	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.6	118.0	117.2	115.6	116.6	126.7	122.3	83.6	83.7	116.3	508.5	270.6	304.5
14:20:35	10:50:05	28.9	28.8	30.1	56.7	76.4	117.9	117.3	118.5	117.9	117.5	117.9	117.1	114.9	115.6	126.6	122.1	83.5	83.7	116.3	508.5	270.6	304.4
14:21:35	10:51:05	28.9	28.8	30.1	57.1	77.0	117.9	117.4	118.5	117.9	117.5	117.9	117.1	119.6	131.3	126.6	122.1	83.5	83.7	116.3	508.5	270.6	304.5
14:22:35	10:52:05	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.5	117.9	117.7	118.0	117.2	116.9	121.6	126.6	122.0	83.5	83.7	116.3	508.4	270.6	304.5
14:23:35	10:53:05	28.9	28.8	30.1	56.7	76.4	117.9	117.4	118.5	117.9	117.6	118.0	117.1	115.8	117.6	126.5	121.9	83.5	83.7	116.3	508.5	270.6	304.5
14:24:36	10:54:05	28.9	28.8	30.1	56.7	76.6	117.8	117.3	118.4	117.8	117.5	117.9	117.1	117.4	125.4	126.5	121.8	83.5	83.7	116.3	508.5	270.6	304.5
14:25:36	10:55:05	28.9	28.8	30.1	56.7	76.3	118.0	117.5	118.6	117.9	117.6	118.0	117.1	118.2	125.7	126.4	121.8	83.5	83.7	116.3	508.5	270.6	304.5
14:26:36	10:56:06	28.9	28.8	30.1	56.7	76.2	118.0	117.5	118.6	117.9	117.7	118.0	117.2	116.4	119.3	126.4	121.7	83.5	83.7	116.3	508.5	270.6	304.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000425

14:27:36	10:57:06	28.9	28.8	30.1	57.1	76.9	118.0	117.5	118.5	117.9	117.7	118.0	117.2	115.8	117.0	126.4	121.7	83.6	83.8	116.3	508.5	270.6	304.5
14:28:36	10:58:06	28.9	28.8	30.1	57.1	77.1	117.9	117.4	118.4	117.8	117.6	117.9	117.1	117.1	124.1	126.3	121.6	83.6	83.8	116.3	508.4	270.6	304.5
14:29:36	10:59:06	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.5	118.0	117.8	118.0	117.2	118.3	125.8	126.2	121.5	83.5	83.8	116.3	508.5	270.6	304.5

EXPOSURE(2) SUMMARY 07/07/2015 03:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:30	11:00:00	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	118.0	117.8	118.0	117.2	116.5	119.8	126.2	121.5	83.6	83.8	116.3	508.5	270.6	304.5

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.5 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 128.8 MAX GAS TEMP: 092.8
END PRESS: 0028.9 MIN PRESS: 0028.7 MIN TEMP: 117.0 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 123.9 MIN GAS TEMP: 083.0
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.2
EO USED PHASE: -000.1 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

STERILANT REMOVAL 07/07/2015 03:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:30	0:00:00	28.9	28.8	30.1	57.1	76.8	118.0	117.5	118.6	118.0	117.8	118.0	117.2	116.5	119.8	126.2	121.5	83.6	83.8	116.3	508.5	270.6	304.5
14:31:30	0:01:00	28.1	28.0	30.1	56.2	76.1	117.8	117.3	118.3	117.7	117.5	117.8	117.0	118.5	125.8	126.2	121.4	83.6	88.6	116.3	508.4	270.6	300.0
14:32:30	0:02:00	27.5	27.4	30.1	54.9	74.3	117.7	117.3	118.4	117.5	117.5	117.8	116.8	118.3	124.5	126.2	121.4	83.5	91.3	116.3	508.5	270.6	292.5
14:33:31	0:03:00	26.8	26.7	30.1	53.5	72.6	117.7	117.3	118.3	117.5	117.5	117.7	116.8	118.4	126.1	126.1	121.3	83.6	93.2	116.3	508.4	270.6	285.0
14:34:31	0:04:00	26.1	26.0	30.1	52.1	70.7	117.7	117.3	118.3	117.5	117.5	117.7	116.7	119.2	128.1	126.0	121.2	83.6	94.2	116.3	508.5	270.6	277.5
14:35:31	0:05:00	25.4	25.3	30.1	51.7	70.1	117.7	117.3	118.3	117.5	117.5	117.8	116.8	119.6	127.7	126.0	121.2	83.6	95.1	116.3	508.5	270.6	270.0
14:36:31	0:06:00	24.8	24.7	30.1	50.8	68.8	117.7	117.4	118.3	117.5	117.6	117.9	116.8	119.4	126.8	126.1	121.1	83.5	95.8	116.3	508.5	270.6	264.0
14:37:31	0:07:01	24.0	23.9	30.1	49.0	66.5	117.7	117.3	118.3	117.4	117.6	117.8	116.8	119.2	125.7	125.9	121.0	83.6	96.6	116.3	508.5	270.6	255.0
14:38:31	0:08:01	23.4	23.3	30.1	48.1	65.1	117.8	117.5	118.3	117.5	117.7	117.9	116.8	119.0	124.8	125.9	121.0	83.6	97.0	116.4	508.5	270.6	247.5
14:39:31	0:09:01	22.7	22.6	30.1	47.2	63.8	117.8	117.5	118.4	117.5	117.6	117.8	116.8	118.9	124.9	125.9	120.9	83.6	97.6	116.4	508.5	270.6	239.9
14:40:31	0:10:01	22.1	22.0	30.1	46.3	62.5	117.9	117.5	118.5	117.6	117.8	117.9	116.8	119.2	126.8	125.9	120.8	83.5	97.9	116.3	508.5	270.6	232.5
14:41:31	0:11:01	21.3	21.2	30.1	45.4	61.3	117.9	117.5	118.5	117.6	117.7	118.0	116.8	119.8	128.1	125.9	120.7	83.6	98.3	116.3	508.5	270.5	226.5
14:42:31	0:12:01	20.7	20.6	30.1	44.5	60.0	117.9	117.6	118.5	117.6	117.7	118.0	116.8	120.2	128.2	125.8	120.7	83.6	98.5	116.3	508.5	270.6	219.0

STERILANT REMOVAL SUMMARY 07/07/2015 04:04:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:50	0:12:19	20.5	20.4	30.1	44.0	59.4	117.9	117.6	118.5	117.6	117.7	118.0	116.8	119.7	126.1	125.8	120.6	83.6	98.5	116.3	508.4	270.6	217.6

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 118.0 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 126.2 MAX GAS TEMP: 083.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.7 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 125.7 MIN GAS TEMP: 083.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.6

POST N2 WASH(1) (Loop:1/6) 07/07/2015 04:04:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:50	0:00:00	20.5	20.4	30.1	44.0	59.4	117.9	117.6	118.5	117.6	117.7	118.0	116.8	119.7	126.1	125.8	120.6	83.6	98.5	116.3	508.4	270.6	217.6
14:44:50	0:02:00	23.2	23.1	30.1	46.7	61.1	119.1	118.7	119.6	118.9	118.9	119.0	118.1	119.3	124.6	125.7	120.5	105.7	96.1	116.3	508.4	270.6	227.9
14:46:50	0:04:00	25.9	25.8	30.1	45.8	59.3	119.5	119.1	120.0	119.4	119.3	119.5	118.7	119.2	124.9	125.6	120.3	111.8	93.9	116.3	508.4	270.6	220.5

POST N2 WASH(1) (Loop:1/6) SUMMARY 07/07/2015 04:10:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:46	0:05:56	28.5	28.4	30.1	44.9	57.7	119.8	119.4	120.3	119.7	119.7	119.7	119.0	119.2	125.2	125.6	120.0	112.6	92.3	116.3	508.4	270.6	208.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000426

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.8 MAX GAS TEMP: 112.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 125.5 MIN GAS TEMP: 083.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.0

POST EVACUATION(1) (Loop:1/6) 07/07/2015 04:10:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:46	0:00:00	28.5	28.4	30.1	44.9	57.7	119.8	119.4	120.3	119.7	119.7	119.7	119.0	119.2	125.2	125.6	120.0	112.6	92.3	116.3	508.4	270.6	208.5
14:50:46	0:02:00	25.8	25.7	30.1	40.0	53.2	118.4	118.2	119.0	118.1	118.4	118.5	117.5	119.6	126.9	125.5	119.9	107.0	98.5	116.3	508.5	270.6	176.9
14:52:46	0:04:00	23.1	23.0	30.1	37.3	50.0	118.1	117.9	118.7	117.7	118.1	118.2	117.1	119.9	127.7	125.5	119.8	102.3	101.1	116.3	508.4	270.5	154.5

POST EVACUATION(1) (Loop:1/6) SUMMARY 07/07/2015 04:16:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:39	0:05:55	20.5	20.4	30.1	34.5	46.6	117.9	117.7	118.5	117.6	117.8	118.0	116.8	119.5	126.8	125.4	119.7	98.7	102.5	116.3	508.5	270.6	141.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.6 MAX GAS TEMP: 112.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 125.4 MIN GAS TEMP: 098.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.6

POST N2 WASH(1) (Loop:2/6) 07/07/2015 04:16:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:39	0:00:00	20.5	20.4	30.1	34.5	46.6	117.9	117.7	118.5	117.6	117.8	118.0	116.8	119.5	126.8	125.4	119.7	98.7	102.5	116.3	508.5	270.6	141.0
14:56:39	0:02:00	23.1	23.0	30.1	36.8	47.7	119.4	119.0	120.0	119.3	119.2	119.4	118.5	120.1	128.1	125.3	119.5	108.3	99.7	116.3	508.4	270.6	150.0
14:58:39	0:04:00	25.9	25.8	30.1	37.3	47.8	119.8	119.4	120.3	119.8	119.7	119.7	119.0	120.4	128.6	125.3	119.2	111.8	97.0	116.2	508.5	270.6	147.0

POST N2 WASH(1) (Loop:2/6) SUMMARY 07/07/2015 04:22:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:34	0:05:55	28.5	28.4	30.1	37.3	47.4	120.1	119.8	120.6	120.1	119.8	120.0	119.3	120.4	128.4	125.2	119.0	112.3	95.0	116.2	508.5	270.6	142.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 125.5 MAX GAS TEMP: 112.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 125.2 MIN GAS TEMP: 098.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:2/6) 07/07/2015 04:22:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:34	0:00:00	28.5	28.4	30.1	37.3	47.4	120.1	119.8	120.6	120.1	119.8	120.0	119.3	120.4	128.4	125.2	119.0	112.3	95.0	116.2	508.5	270.6	142.5
15:02:34	0:02:00	25.8	25.6	30.1	33.2	43.9	118.7	118.4	119.2	118.4	118.6	118.7	117.8	120.5	128.6	125.1	122.3	107.4	99.6	117.2	508.5	270.6	121.5
15:04:35	0:04:00	23.1	23.0	30.1	31.4	41.8	118.3	118.2	118.9	118.0	118.3	118.4	117.3	120.5	128.4	125.0	122.8	103.1	101.7	116.7	508.4	270.6	107.9

POST EVACUATION(1) (Loop:2/6) SUMMARY 07/07/2015 04:28:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:27	0:05:53	20.5	20.4	30.1	29.6	39.7	118.1	117.8	118.6	117.8	118.0	118.2	117.2	120.1	128.1	124.9	122.6	99.9	102.9	116.7	508.4	270.6	100.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 125.2 MAX GAS TEMP: 112.3

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000427

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 099.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.9
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

POST N2 WASH(1) (Loop:3/6) 07/07/2015 04:28:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:27	0:00:00	20.5	20.4	30.1	29.6	39.7	118.1	117.8	118.6	117.8	118.0	118.2	117.2	120.1	128.1	124.9	122.6	99.9	102.9	116.7	508.4	270.6	100.5
15:08:27	0:02:00	23.2	23.0	30.1	32.3	41.7	119.6	119.1	120.1	119.5	119.3	119.6	118.7	120.5	128.6	124.9	122.5	110.3	100.1	116.7	508.4	270.5	109.5
15:10:27	0:04:00	25.9	25.8	30.1	32.7	41.8	120.0	119.6	120.5	120.0	119.7	119.9	119.2	120.6	128.4	124.8	122.2	114.4	97.5	116.7	508.5	270.6	109.4

POST N2 WASH(1) (Loop:3/6) SUMMARY 07/07/2015 04:33:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:22	0:05:54	28.5	28.4	30.1	32.7	41.6	120.2	119.8	120.7	120.2	120.0	120.2	119.6	120.4	128.4	124.7	122.0	114.8	95.6	116.8	508.4	270.6	106.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.0 MAX GAS TEMP: 114.9
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 124.7 MIN GAS TEMP: 099.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 122.0

POST EVACUATION(1) (Loop:3/6) 07/07/2015 04:33:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:22	0:00:00	28.5	28.4	30.1	32.7	41.6	120.2	119.8	120.7	120.2	120.0	120.2	119.6	120.4	128.4	124.7	122.0	114.8	95.6	116.8	508.4	270.6	106.5
15:14:22	0:02:00	25.8	25.6	30.1	29.1	38.3	118.9	118.5	119.4	118.7	118.7	118.9	118.1	120.5	128.4	124.5	121.9	109.8	99.8	116.7	508.4	270.6	91.5
15:16:22	0:04:00	23.1	23.0	30.1	27.3	36.3	118.4	118.2	119.0	118.2	118.3	118.5	117.6	120.3	128.4	124.5	121.7	105.3	101.8	116.7	508.5	270.6	81.0

POST EVACUATION(1) (Loop:3/6) SUMMARY 07/07/2015 04:39:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:16	0:05:54	20.5	20.4	30.1	26.4	35.3	118.2	117.9	118.8	118.0	118.1	118.3	117.3	119.7	126.8	124.5	121.6	101.8	103.0	116.7	508.5	270.6	76.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 124.8 MAX GAS TEMP: 114.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.5 MIN GAS TEMP: 101.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 121.6

POST N2 WASH(1) (Loop:4/6) 07/07/2015 04:39:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:16	0:00:00	20.5	20.4	30.1	26.4	35.3	118.2	117.9	118.8	118.0	118.1	118.3	117.3	119.7	126.8	124.5	121.6	101.8	103.0	116.7	508.5	270.6	76.5
15:20:16	0:02:00	23.2	23.1	30.1	29.1	37.4	119.8	119.2	120.3	119.8	119.5	119.7	119.0	119.9	127.4	124.4	121.4	110.3	100.2	116.7	508.4	270.6	85.5
15:22:16	0:04:00	25.9	25.8	30.1	29.6	37.6	120.2	119.8	120.7	120.2	119.9	120.1	119.5	120.0	127.7	124.4	121.2	113.8	97.7	116.7	508.5	270.6	87.0

POST N2 WASH(1) (Loop:4/6) SUMMARY 07/07/2015 04:45:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:10	0:05:54	28.5	28.4	30.1	30.0	38.0	120.3	119.8	120.8	120.4	120.2	120.2	119.7	119.4	126.1	124.3	120.9	114.1	95.7	116.6	508.4	270.6	83.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 124.5 MAX GAS TEMP: 114.2
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 124.2 MIN GAS TEMP: 101.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000428

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.1 EO USED CYCLE:017.1 MIN VAP TEMP: 120.9

POST EVACUATION(1) (Loop:4/6) 07/07/2015 04:45:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:10	0:00:00	28.5	28.4	30.1	30.0	38.0	120.3	119.8	120.8	120.4	120.2	120.2	119.7	119.4	126.1	124.3	120.9	114.1	95.7	116.6	508.4	270.6	83.9
15:26:10	0:02:00	25.8	25.6	30.1	27.3	35.8	119.0	118.7	119.4	118.9	118.8	119.0	118.2	119.2	124.7	124.2	120.8	109.5	99.7	116.6	508.5	270.6	72.1
15:28:10	0:04:00	23.1	23.0	30.1	25.5	33.8	118.6	118.3	119.2	118.4	118.3	118.6	117.7	119.1	124.3	124.1	120.6	105.3	101.8	116.6	508.5	270.6	64.5

POST EVACUATION(1) (Loop:4/6) SUMMARY 07/07/2015 04:51:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:04	0:05:54	20.5	20.4	30.1	24.2	32.2	118.3	118.0	118.9	118.1	118.3	118.4	117.5	119.3	123.5	124.1	120.5	102.0	103.0	116.6	508.4	270.6	61.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 124.3 MAX GAS TEMP: 114.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 102.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.5

POST N2 WASH(1) (Loop:5/6) 07/07/2015 04:51:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:04	0:00:00	20.5	20.4	30.1	24.2	32.2	118.3	118.0	118.9	118.1	118.3	118.4	117.5	119.3	123.5	124.1	120.5	102.0	103.0	116.6	508.4	270.6	61.5
15:32:04	0:02:00	23.2	23.1	30.1	26.9	34.4	119.9	119.4	120.4	119.9	119.5	119.8	119.1	119.3	123.5	124.0	120.3	109.7	100.3	116.6	508.5	270.6	69.1
15:34:05	0:04:00	25.9	25.8	30.1	27.3	34.6	120.3	119.8	120.7	120.4	120.0	120.1	119.6	119.3	123.4	128.4	120.1	113.1	97.7	116.6	508.4	270.6	70.5

POST N2 WASH(1) (Loop:5/6) SUMMARY 07/07/2015 04:57:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:58	0:05:54	28.5	28.4	30.1	27.8	35.0	120.5	119.9	120.9	120.6	120.2	120.3	119.8	119.8	124.8	128.5	119.9	113.5	95.7	116.5	508.5	270.6	69.0

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.3 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 128.6 MAX GAS TEMP: 113.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 123.9 MIN GAS TEMP: 101.8
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.9

POST EVACUATION(1) (Loop:5/6) 07/07/2015 04:57:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:58	0:00:00	28.5	28.4	30.1	27.8	35.0	120.5	119.9	120.9	120.6	120.2	120.3	119.8	119.8	124.8	128.5	119.9	113.5	95.7	116.5	508.5	270.6	69.0
15:37:58	0:02:00	25.8	25.7	30.1	25.1	32.8	119.1	118.7	119.5	119.0	118.8	119.0	118.3	120.1	125.7	128.3	119.7	109.1	99.6	116.4	508.4	270.6	58.5
15:39:58	0:04:00	23.0	22.9	30.1	23.3	30.8	118.7	118.3	119.2	118.5	118.5	118.6	117.8	120.3	126.5	128.3	119.6	105.0	101.8	116.4	508.4	270.6	53.8

POST EVACUATION(1) (Loop:5/6) SUMMARY 07/07/2015 05:03:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:52	0:05:54	20.5	20.4	30.1	22.3	29.6	118.5	118.2	119.0	118.3	118.3	118.5	117.6	120.8	128.4	128.3	119.5	102.0	102.9	116.5	508.5	270.6	52.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 128.5 MAX GAS TEMP: 113.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 128.1 MIN GAS TEMP: 102.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.9

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000429

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.5

POST N2 WASH(1) (Loop:6/6) 07/07/2015 05:03:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:52	0:00:00	20.5	20.4	30.1	22.3	29.6	118.5	118.2	119.0	118.3	118.3	118.5	117.6	120.8	128.4	128.3	119.5	102.0	102.9	116.5	508.5	270.6	52.5
15:43:52	0:02:00	23.1	23.0	30.1	25.1	32.1	119.9	119.3	120.4	119.9	119.5	119.9	119.2	120.7	128.6	128.2	119.3	109.1	100.2	116.4	508.4	270.6	58.6
15:45:52	0:04:00	25.9	25.8	30.1	26.0	32.8	120.4	119.8	120.8	120.5	120.0	120.2	119.7	120.6	128.6	128.1	119.2	112.4	97.7	116.4	508.4	270.5	58.5

POST N2 WASH(1) (Loop:6/6) SUMMARY 07/07/2015 05:09:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:46	0:05:54	28.5	28.4	30.1	26.0	32.7	120.5	120.1	120.9	120.7	120.2	120.4	120.0	120.0	127.5	128.0	119.4	112.8	95.7	116.9	508.5	270.6	57.0

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.5 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 128.3 MAX GAS TEMP: 112.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 127.9 MIN GAS TEMP: 101.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.6
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

POST EVACUATION(1) (Loop:6/6) 07/07/2015 05:09:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:46	0:00:00	28.5	28.4	30.1	26.0	32.7	120.5	120.1	120.9	120.7	120.2	120.4	120.0	120.0	127.5	128.0	119.4	112.8	95.7	116.9	508.5	270.6	57.0
15:49:47	0:02:00	25.8	25.7	30.1	23.3	30.4	119.1	118.7	119.6	119.1	118.8	119.0	118.3	119.7	126.7	127.9	122.8	108.7	99.7	116.8	508.4	270.6	49.6
15:51:47	0:04:00	23.1	23.0	30.1	21.9	28.9	118.8	118.4	119.3	118.6	118.5	118.7	117.9	119.2	124.5	127.8	122.7	104.8	101.8	116.9	508.5	270.6	46.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 07/07/2015 05:15:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:42	0:05:25	20.5	20.4	30.1	21.5	28.5	118.5	118.2	119.0	118.3	118.3	118.6	117.7	119.3	123.5	127.7	122.5	101.7	102.8	116.8	508.4	270.6	43.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.5 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 128.0 MAX GAS TEMP: 112.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 127.7 MIN GAS TEMP: 101.7
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.8
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.4

AIR BACKFILL(1) (Loop:1/12) 07/07/2015 05:15:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:42	0:00:00	20.5	20.4	30.1	21.5	28.5	118.5	118.2	119.0	118.3	118.3	118.6	117.7	119.3	123.5	127.7	122.5	101.7	102.8	116.8	508.4	270.6	43.5
15:55:42	0:02:00	23.3	23.1	30.1	24.2	31.0	119.8	119.6	120.5	119.4	119.7	119.9	118.6	119.4	123.8	127.8	122.4	99.1	100.2	116.9	508.4	270.6	49.5
15:57:42	0:04:00	25.9	25.8	30.1	25.5	32.5	120.1	119.9	120.8	119.6	120.2	120.3	118.9	119.5	123.9	127.6	122.3	97.1	97.6	116.9	508.4	270.6	51.0
15:59:42	0:06:00	28.7	28.6	30.1	26.0	32.9	120.3	120.1	121.0	119.7	120.3	120.5	119.0	119.7	124.4	127.6	122.2	95.4	95.6	116.9	508.5	270.6	51.0

AIR BACKFILL(1) (Loop:1/12) SUMMARY 07/07/2015 05:21:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:07	0:06:25	29.2	29.1	30.1	26.0	32.9	120.3	120.1	121.1	119.8	120.3	120.5	119.0	119.8	127.2	127.6	122.1	95.2	95.2	116.9	508.4	270.6	51.1

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 127.8 MAX GAS TEMP: 101.7
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 127.5 MIN GAS TEMP: 095.2
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000430

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 122.1

POST EVACUATION(2) (Loop:1/12) 07/07/2015 05:21:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:00:07	0:00:00	29.2	29.1	30.1	26.0	32.9	120.3	120.1	121.1	119.8	120.3	120.5	119.0	119.8	127.2	127.6	122.1	95.2	95.2	116.9	508.4	270.6	51.1
16:02:07	0:02:00	26.5	26.4	30.1	23.3	30.4	119.1	118.8	119.7	118.8	119.0	119.2	118.2	119.2	125.1	127.3	122.0	93.8	99.7	116.9	508.4	270.6	43.5
16:04:07	0:04:00	23.8	23.6	30.1	21.9	28.9	118.8	118.4	119.4	118.5	118.6	118.9	117.8	119.1	123.4	127.4	121.9	92.8	101.7	116.9	508.5	270.6	39.0
16:06:07	0:06:00	21.0	20.9	30.1	21.0	27.9	118.5	118.2	119.1	118.3	118.3	118.6	117.6	119.4	123.6	127.2	121.7	91.9	102.9	116.8	508.4	270.6	39.0

POST EVACUATION(2) (Loop:1/12) SUMMARY 07/07/2015 05:28:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:31	0:06:25	20.5	20.4	30.1	21.0	27.9	118.5	118.2	119.1	118.2	118.3	118.6	117.6	120.4	128.4	127.4	121.7	91.7	103.0	116.9	508.4	270.6	39.0

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.5 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 127.6 MAX GAS TEMP: 095.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 127.2 MIN GAS TEMP: 091.7
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 121.7

AIR BACKFILL(1) (Loop:2/12) 07/07/2015 05:28:04

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:31	0:00:00	20.5	20.4	30.1	21.0	27.9	118.5	118.2	119.1	118.2	118.3	118.6	117.6	120.4	128.4	127.4	121.7	91.7	103.0	116.9	508.4	270.6	39.0
16:08:32	0:02:00	23.2	23.1	30.1	23.7	30.5	119.8	119.6	120.5	119.3	119.7	119.9	118.5	120.2	128.1	127.3	121.6	91.0	100.3	116.8	508.4	270.6	43.5
16:10:32	0:04:00	26.0	25.9	30.1	25.1	31.9	120.1	119.9	120.9	119.5	120.2	120.3	118.8	120.2	127.9	127.1	121.5	90.3	97.7	116.8	508.5	270.6	45.0
16:12:32	0:06:00	28.7	28.6	30.1	26.0	32.9	120.3	120.3	121.1	119.7	120.4	120.5	118.9	119.8	127.2	127.1	121.3	89.8	95.7	116.7	508.4	270.6	43.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 07/07/2015 05:34:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:52	0:06:20	29.2	29.1	30.1	26.0	32.9	120.3	120.1	121.1	119.7	120.4	120.5	119.0	120.6	127.5	127.0	121.3	89.7	95.4	116.7	508.4	270.6	43.5

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.5 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 127.4 MAX GAS TEMP: 091.7
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 127.0 MIN GAS TEMP: 089.7
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 121.3

POST EVACUATION(2) (Loop:2/12) 07/07/2015 05:34:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:52	0:00:00	29.2	29.1	30.1	26.0	32.9	120.3	120.1	121.1	119.7	120.4	120.5	119.0	120.6	127.5	127.0	121.3	89.7	95.4	116.7	508.4	270.6	43.5
16:14:52	0:02:00	26.5	26.3	30.1	23.3	30.4	119.1	118.8	119.7	118.8	118.9	119.2	118.1	120.7	128.1	127.0	121.2	89.2	99.6	116.7	508.4	270.6	37.5
16:16:52	0:04:00	23.8	23.6	30.1	21.9	28.9	118.8	118.4	119.4	118.5	118.5	118.9	117.8	120.8	128.6	126.9	121.0	88.7	101.6	116.6	508.5	270.6	34.5
16:18:52	0:06:00	21.0	20.9	30.1	20.5	27.2	118.6	118.2	119.2	118.3	118.3	118.7	117.5	120.2	128.1	126.8	120.9	88.4	102.8	116.7	508.5	270.6	33.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 07/07/2015 05:40:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:16	0:00:00	20.5	20.4	30.1	20.6	27.3	118.6	118.2	119.2	118.3	118.3	118.7	117.6	120.3	126.3	126.8	120.8	88.2	103.0	116.7	508.5	270.6	33.0

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.5 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 127.1 MAX GAS TEMP: 089.7

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000431

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 126.8 MIN GAS TEMP: 088.2
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.8

AIR BACKFILL(1) (Loop:3/12) 07/07/2015 05:40:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:19:16	0:00:00	20.5	20.4	30.1	20.6	27.3	118.6	118.2	119.2	118.3	118.3	118.7	117.6	120.3	126.3	126.8	120.8	88.2	103.0	116.7	508.5	270.6	33.0
16:21:16	0:02:00	23.2	23.1	30.1	22.8	29.3	119.8	119.6	120.6	119.3	119.8	120.0	118.5	120.4	126.8	126.7	120.7	87.9	100.3	116.6	508.4	270.6	37.5
16:23:16	0:04:00	26.0	25.8	30.1	24.2	30.7	120.2	120.1	121.0	119.6	120.2	120.3	118.8	120.5	127.4	126.7	120.6	87.6	97.7	116.6	508.5	270.6	39.1
16:25:16	0:06:00	28.8	28.6	30.1	25.1	31.7	120.3	120.3	121.1	119.7	120.3	120.5	118.9	120.7	127.7	126.5	120.5	87.3	95.6	116.5	508.4	270.6	39.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 07/07/2015 05:47:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:41	0:06:25	29.2	29.1	30.1	25.1	31.7	120.4	120.3	121.2	119.7	120.4	120.5	119.0	119.3	123.2	126.6	120.5	87.3	95.3	116.6	508.4	270.6	39.0

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.6 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 126.9 MAX GAS TEMP: 088.2
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 126.5 MIN GAS TEMP: 087.2
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.5

POST EVACUATION(2) (Loop:3/12) 07/07/2015 05:47:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:25:41	0:00:00	29.2	29.1	30.1	25.1	31.7	120.4	120.3	121.2	119.7	120.4	120.5	119.0	119.3	123.2	126.6	120.5	87.3	95.3	116.6	508.4	270.6	39.0
16:27:41	0:02:00	26.5	26.4	30.1	21.9	28.6	119.2	118.9	119.8	118.8	119.0	119.2	118.1	119.7	124.4	126.5	120.4	87.0	99.6	116.5	508.4	270.6	33.0
16:29:41	0:04:00	23.8	23.7	30.1	21.0	27.7	118.7	118.4	119.4	118.4	118.6	119.0	117.8	119.9	125.3	126.5	120.2	86.7	101.5	116.5	508.5	270.6	30.0
16:31:41	0:06:00	21.1	21.0	30.1	20.1	26.6	118.6	118.2	119.2	118.3	118.4	118.8	117.6	120.3	126.3	126.4	120.1	86.5	102.7	116.4	508.4	270.6	28.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 07/07/2015 05:53:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:32:05	0:06:24	20.5	20.4	30.1	20.1	26.6	118.6	118.2	119.2	118.3	118.3	118.7	117.6	119.1	123.6	126.3	120.1	86.5	102.8	116.4	508.4	270.6	28.6

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.6 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 126.7 MAX GAS TEMP: 087.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 126.3 MIN GAS TEMP: 086.5
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:4/12) 07/07/2015 05:53:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:32:05	0:00:00	20.5	20.4	30.1	20.1	26.6	118.6	118.2	119.2	118.3	118.3	118.7	117.6	119.1	123.6	126.3	120.1	86.5	102.8	116.4	508.4	270.6	28.6
16:34:05	0:02:00	23.2	23.1	30.1	22.4	28.7	119.8	119.6	120.6	119.3	119.7	120.0	118.5	119.1	123.4	126.2	120.0	86.3	100.2	116.4	508.4	270.6	33.0
16:36:05	0:04:00	25.9	25.8	30.1	23.3	29.5	120.2	120.1	121.0	119.6	120.2	120.4	118.8	119.2	123.1	126.3	119.9	86.1	97.6	116.4	508.5	270.6	34.5
16:38:05	0:06:00	28.6	28.5	30.1	24.2	30.6	120.4	120.3	121.2	119.7	120.4	120.6	118.9	119.2	123.2	126.2	119.7	85.9	95.5	116.4	508.4	270.6	33.0

AIR BACKFILL(1) (Loop:4/12) SUMMARY 07/07/2015 05:59:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:23	0:06:18	29.2	29.1	30.1	25.1	31.7	120.3	120.3	121.1	119.7	120.4	120.7	119.0	120.1	127.8	126.2	119.7	85.8	95.2	116.3	508.4	270.6	33.0

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000432

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.7 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 126.4 MAX GAS TEMP: 086.5
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 126.1 MIN GAS TEMP: 085.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:4/12) 07/07/2015 05:59:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:38:23	0:00:00	29.2	29.1	30.1	25.1	31.7	120.3	120.3	121.1	119.7	120.4	120.7	119.0	120.1	127.8	126.2	119.7	85.8	95.2	116.3	508.4	270.6	33.0
16:40:23	0:02:00	26.5	26.4	30.1	21.9	28.5	119.2	118.9	119.8	118.9	119.0	119.3	118.2	119.5	126.2	126.1	119.6	85.7	99.3	116.3	508.4	270.6	28.5
16:42:23	0:04:00	23.8	23.7	30.1	20.6	27.1	118.8	118.5	119.5	118.5	118.6	119.0	117.9	119.1	123.9	126.0	119.5	85.6	101.3	116.3	508.4	270.6	27.0
16:44:24	0:06:00	21.0	20.9	30.1	19.2	25.5	118.6	118.2	119.2	118.3	118.3	118.7	117.6	119.3	123.4	125.8	119.3	85.4	102.5	116.2	508.5	270.6	25.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 07/07/2015 06:06:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:44:46	0:06:22	20.5	20.4	30.1	19.2	25.5	118.5	118.2	119.2	118.2	118.3	118.7	117.5	120.5	128.6	125.9	119.3	85.4	102.8	116.3	508.4	270.6	25.5

START PRESS: 0029.2 MAX PRESS: 0029.2 MAX TEMP: 120.7 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 126.3 MAX GAS TEMP: 085.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 125.8 MIN GAS TEMP: 085.3
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:5/12) 07/07/2015 06:06:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:44:46	0:00:00	20.5	20.4	30.1	19.2	25.5	118.5	118.2	119.2	118.2	118.3	118.7	117.5	120.5	128.6	125.9	119.3	85.4	102.8	116.3	508.4	270.6	25.5
16:46:46	0:02:00	23.4	23.2	30.1	21.5	27.5	119.8	119.6	120.6	119.3	119.8	120.0	118.6	120.2	128.1	125.9	119.2	85.2	100.0	116.2	508.4	270.6	28.6
16:48:46	0:04:00	26.1	25.9	30.1	22.4	28.4	120.2	120.1	121.0	119.6	120.2	120.5	118.9	120.0	127.4	125.8	119.1	85.2	97.5	116.1	508.4	270.6	30.1
16:50:46	0:06:00	28.8	28.6	30.1	23.3	29.4	120.4	120.3	121.2	119.7	120.4	120.7	119.0	119.9	127.2	125.7	119.0	85.0	95.4	116.1	508.4	270.6	30.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 07/07/2015 06:12:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:51:08	0:06:28	29.2	29.1	30.1	23.3	29.4	120.4	120.3	121.2	119.8	120.4	120.7	119.0	120.4	126.9	125.6	118.9	85.0	95.1	116.1	508.5	270.5	28.5

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.7 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 126.0 MAX GAS TEMP: 085.4
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.4 DRM2 END: 270.5 MIN PRE TEMP: 125.6 MIN GAS TEMP: 085.0
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.4
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

POST EVACUATION(2) (Loop:5/12) 07/07/2015 06:12:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:51:08	0:00:00	29.2	29.1	30.1	23.3	29.4	120.4	120.3	121.2	119.8	120.4	120.7	119.0	120.4	126.9	125.6	118.9	85.0	95.1	116.1	508.5	270.5	28.5
16:53:08	0:02:00	26.5	26.4	30.1	21.0	27.4	119.2	118.9	119.8	118.8	119.0	119.3	118.2	120.7	127.7	125.6	122.7	84.9	99.2	116.6	508.4	270.6	25.5
16:55:08	0:04:00	23.8	23.6	30.1	19.7	25.8	118.9	118.7	119.5	118.6	118.6	119.0	117.9	120.8	128.6	125.6	122.7	84.8	101.4	116.6	508.4	270.6	22.5
16:57:09	0:06:00	21.0	20.9	30.1	19.1	25.2	118.6	118.3	119.3	118.3	118.4	118.8	117.6	120.5	128.4	125.5	122.6	84.7	102.6	116.7	508.4	270.6	22.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 07/07/2015 06:19:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000433

16:57:33	0:06:28	20.5	20.7	30.1	18.8	24.9	118.5	118.2	119.2	118.2	118.3	118.7	117.6	120.1	125.8	125.5	122.5	84.7	102.7	116.6	508.4	270.6	22.5

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.7 DRM1 START: 508.5 DRM2 START: 270.5 MAX PRE TEMP: 125.7 MAX GAS TEMP: 085.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 125.4 MIN GAS TEMP: 084.7
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 122.8
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

AIR BACKFILL(1) (Loop:6/12) 07/07/2015 06:19:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:57:33	0:00:00	20.5	20.4	30.1	18.8	24.9	118.5	118.2	119.2	118.2	118.3	118.7	117.6	120.1	125.8	125.5	122.5	84.7	102.7	116.6	508.4	270.6	22.5
16:59:33	0:02:00	23.2	23.1	30.1	21.0	26.9	119.9	119.6	120.7	119.3	119.9	120.2	118.6	120.3	126.7	125.3	122.4	84.6	100.0	116.6	508.5	270.6	25.6
17:01:33	0:04:00	25.9	25.8	30.1	21.9	27.8	120.2	120.1	121.0	119.6	120.2	120.5	118.9	120.5	126.9	125.3	122.3	84.6	97.5	116.6	508.5	270.6	27.0
17:03:33	0:06:00	28.6	28.5	30.1	22.8	28.8	120.4	120.3	121.2	119.7	120.4	120.7	119.0	120.5	127.2	125.2	122.1	84.5	95.4	116.6	508.5	270.6	27.0

AIR BACKFILL(1) (Loop:6/12) SUMMARY 07/07/2015 06:25:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:03:52	0:06:19	29.2	29.1	30.1	22.8	28.8	120.4	120.3	121.2	119.7	120.4	120.7	119.0	119.5	123.9	125.2	122.2	84.5	95.1	116.6	508.5	270.6	25.5

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.5 MAX GAS TEMP: 084.8
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 125.1 MIN GAS TEMP: 084.4
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 122.1

POST EVACUATION(2) (Loop:6/12) 07/07/2015 06:25:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:03:52	0:00:00	29.2	29.1	30.1	22.8	28.8	120.4	120.3	121.2	119.7	120.4	120.7	119.0	119.5	123.9	125.2	122.2	84.5	95.1	116.6	508.5	270.6	25.5
17:05:52	0:02:00	26.5	26.4	30.1	20.5	26.8	119.2	118.9	119.9	118.9	119.0	119.4	118.2	119.9	124.9	125.2	122.0	84.4	99.2	116.6	508.5	270.6	22.5
17:07:52	0:04:00	23.8	23.6	30.1	19.2	25.3	118.8	118.5	119.5	118.5	118.7	119.1	117.9	120.3	126.3	125.2	121.9	84.4	101.3	116.6	508.4	270.6	21.1
17:09:52	0:06:00	21.1	21.0	30.1	18.8	24.8	118.6	118.3	119.3	118.3	118.4	118.9	117.7	120.6	127.5	125.0	121.8	84.3	102.5	116.6	508.5	270.5	19.5

POST EVACUATION(2) (Loop:6/12) SUMMARY 07/07/2015 06:31:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:14	0:06:22	20.5	20.4	30.1	18.8	24.8	118.6	118.3	119.3	118.3	118.4	118.8	117.6	119.4	123.6	125.0	121.7	84.3	102.7	116.6	508.4	270.6	19.6

START PRESS: 0029.2 MAX PRESS: 0029.2 MAX TEMP: 120.8 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 125.3 MAX GAS TEMP: 084.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 125.0 MIN GAS TEMP: 084.3
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 121.7

AIR BACKFILL(1) (Loop:7/12) 07/07/2015 06:31:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:10:14	0:00:00	20.5	20.4	30.1	18.8	24.8	118.6	118.3	119.3	118.3	118.4	118.8	117.6	119.4	123.6	125.0	121.7	84.3	102.7	116.6	508.4	270.6	19.6
17:12:14	0:02:00	23.3	23.1	30.1	20.5	26.3	119.9	119.8	120.7	119.4	119.8	120.2	118.6	119.5	124.0	124.9	121.6	84.2	100.0	116.6	508.5	270.6	22.5
17:14:14	0:04:00	26.0	25.9	30.1	21.9	27.8	120.3	120.1	121.1	119.6	120.3	120.5	118.9	119.7	124.5	124.9	121.5	84.2	97.4	116.6	508.4	270.6	22.6
17:16:14	0:06:00	28.7	28.6	30.1	21.9	27.7	120.4	120.3	121.3	119.7	120.6	120.8	119.0	119.9	125.1	124.8	121.4	84.2	95.4	116.6	508.4	270.6	22.5

AIR BACKFILL(1) (Loop:7/12) SUMMARY 07/07/2015 06:38:07

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000434

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
17:16:34	0:06:20	29.2	29.1	30.1	22.4	28.2	120.5	120.3	121.3	119.8	120.6	120.8	119.1	119.2	124.5	124.8	121.4	84.2	95.1	116.6	508.4	270.6	22.5

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 125.0 MAX GAS TEMP: 084.3
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 084.1
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 121.3

POST EVACUATION(2) (Loop:7/12) 07/07/2015 06:38:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:16:34	0:00:00	29.2	29.1	30.1	22.4	28.2	120.5	120.3	121.3	119.8	120.6	120.8	119.1	119.2	124.5	124.8	121.4	84.2	95.1	116.6	508.4	270.6	22.5
17:18:34	0:02:00	26.5	26.3	30.1	20.5	26.8	119.3	119.0	119.9	118.9	119.2	119.4	118.2	119.2	123.0	124.7	121.1	84.1	99.3	116.5	508.4	270.6	19.5
17:20:34	0:04:00	23.7	23.6	30.1	19.2	25.3	118.8	118.5	119.5	118.5	118.7	119.1	117.9	119.5	123.9	124.7	121.0	84.0	101.4	116.5	508.5	270.6	18.1
17:22:35	0:06:00	21.0	20.9	30.1	17.8	23.6	118.7	118.4	119.4	118.3	118.4	118.8	117.6	119.9	124.9	124.6	121.0	84.1	102.6	116.5	508.4	270.6	18.1

POST EVACUATION(2) (Loop:7/12) SUMMARY 07/07/2015 06:44:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:22:59	0:06:24	20.5	20.4	30.1	17.9	23.6	118.7	118.3	119.4	118.3	118.5	118.9	117.7	119.4	125.8	124.5	120.9	84.0	102.7	116.5	508.5	270.6	18.0

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 124.8 MAX GAS TEMP: 084.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.5 MIN GAS TEMP: 084.0
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.9

AIR BACKFILL(1) (Loop:8/12) 07/07/2015 06:44:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:22:59	0:00:00	20.5	20.4	30.1	17.9	23.6	118.7	118.3	119.4	118.3	118.5	118.9	117.7	119.4	125.8	124.5	120.9	84.0	102.7	116.5	508.5	270.6	18.0
17:24:59	0:02:00	23.3	23.1	30.1	20.6	26.3	119.9	119.8	120.7	119.3	119.8	120.2	118.6	119.2	124.8	124.4	120.8	84.1	100.0	116.4	508.5	270.6	21.1
17:26:59	0:04:00	26.1	26.0	30.1	21.0	26.7	120.3	120.1	121.1	119.6	120.3	120.6	119.0	119.1	124.4	124.4	120.7	84.0	97.5	116.4	508.5	270.6	21.1
17:28:59	0:06:00	28.8	28.7	30.1	21.9	27.6	120.5	120.3	121.3	119.8	120.4	120.8	119.0	119.0	123.7	124.4	120.6	84.0	95.4	116.4	508.4	270.6	21.1

AIR BACKFILL(1) (Loop:8/12) SUMMARY 07/07/2015 06:50:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:29:23	0:06:24	29.2	29.1	30.1	21.9	27.6	120.5	120.3	121.3	119.8	120.6	120.8	119.1	120.8	128.4	124.4	120.5	84.0	95.0	116.4	508.4	270.6	21.1

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.8 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 124.6 MAX GAS TEMP: 084.1
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.4 MIN GAS TEMP: 083.9
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.5

POST EVACUATION(2) (Loop:8/12) 07/07/2015 06:50:56

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:29:23	0:00:00	29.2	29.1	30.1	21.9	27.6	120.5	120.3	121.3	119.8	120.6	120.8	119.1	120.8	128.4	124.4	120.5	84.0	95.0	116.4	508.4	270.6	21.1
17:31:23	0:02:00	26.5	26.4	30.1	19.7	25.6	119.3	119.0	120.0	118.9	119.2	119.5	118.2	120.5	128.4	124.2	120.4	84.0	99.4	116.4	508.4	270.6	18.1
17:33:23	0:04:00	23.8	23.6	30.1	18.8	24.5	119.0	118.7	119.7	118.7	118.7	119.1	117.9	119.7	126.6	124.2	120.3	84.0	101.4	116.4	508.4	270.5	16.5
17:35:23	0:06:00	21.1	21.0	30.1	17.9	23.6	118.7	118.4	119.4	118.4	118.5	118.9	117.7	119.2	124.9	124.0	120.1	83.9	102.5	116.3	508.5	270.6	15.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000435

POST EVACUATION(2) (Loop:8/12) SUMMARY 07/07/2015 06:57:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:35:45	0:06:22	20.5	20.4	30.1	17.9	23.6	118.7	118.3	119.4	118.3	118.4	118.9	117.7	120.8	128.2	124.0	120.1	83.9	102.8	116.3	508.5	270.6	15.1

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.8 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 124.4 MAX GAS TEMP: 084.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 124.0 MIN GAS TEMP: 083.9
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:9/12) 07/07/2015 06:57:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:35:45	0:00:00	20.5	20.4	30.1	17.9	23.6	118.7	118.3	119.4	118.3	118.4	118.9	117.7	120.8	128.2	124.0	120.1	83.9	102.8	116.3	508.5	270.6	15.1
17:37:45	0:02:00	23.2	23.1	30.1	19.6	25.1	119.9	119.8	120.7	119.4	119.9	120.2	118.7	120.7	128.6	124.0	120.0	83.8	100.1	116.3	508.4	270.6	18.0
17:39:45	0:04:00	26.1	26.0	30.1	20.6	26.0	120.3	120.1	121.1	119.7	120.3	120.6	118.9	120.6	128.6	124.0	119.9	83.9	97.6	116.3	508.5	270.6	18.1
17:41:45	0:06:00	28.8	28.7	30.1	21.5	27.1	120.5	120.3	121.3	119.8	120.6	120.8	119.1	120.4	128.4	123.9	119.8	83.9	95.5	116.3	508.4	270.6	18.1

AIR BACKFILL(1) (Loop:9/12) SUMMARY 07/07/2015 07:03:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:09	0:06:22	29.2	29.1	30.1	21.5	27.0	120.5	120.4	121.3	119.8	120.6	120.8	119.1	120.2	126.1	123.8	119.8	83.9	95.2	116.3	508.5	270.5	18.0

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 124.1 MAX GAS TEMP: 084.0
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.5 MIN PRE TEMP: 123.8 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:9/12) 07/07/2015 07:03:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:42:09	0:00:00	29.2	29.1	30.1	21.5	27.0	120.5	120.4	121.3	119.8	120.6	120.8	119.1	120.2	126.1	123.8	119.8	83.9	95.2	116.3	508.5	270.5	18.0
17:44:09	0:02:00	26.5	26.3	30.1	19.2	25.0	119.3	119.0	120.0	118.9	119.2	119.5	118.3	120.6	127.3	128.6	119.7	83.9	99.6	116.3	508.5	270.5	15.1
17:46:09	0:04:00	23.8	23.6	30.1	18.3	24.0	119.0	118.7	119.7	118.6	118.7	119.1	117.9	120.8	128.4	128.4	119.5	83.9	101.6	116.3	508.5	270.6	13.6
17:48:09	0:06:00	21.0	20.9	30.1	17.4	23.0	118.7	118.3	119.4	118.3	118.5	118.9	117.7	120.5	128.4	128.4	119.4	83.9	102.7	116.2	508.4	270.6	13.6

POST EVACUATION(2) (Loop:9/12) SUMMARY 07/07/2015 07:10:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:48:32	0:06:22	20.5	20.4	30.1	17.4	23.0	118.7	118.3	119.4	118.3	118.4	118.9	117.7	120.2	125.9	128.4	119.4	83.9	102.8	116.2	508.5	270.6	13.6

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.5 MAX PRE TEMP: 128.7 MAX GAS TEMP: 084.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 123.8 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.4

AIR BACKFILL(1) (Loop:10/12) 07/07/2015 07:10:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:48:32	0:00:00	20.5	20.4	30.1	17.4	23.0	118.7	118.3	119.4	118.3	118.4	118.9	117.7	120.2	125.9	128.4	119.4	83.9	102.8	116.2	508.5	270.6	13.6
17:50:32	0:02:00	23.3	23.2	30.1	19.2	24.5	120.0	119.8	120.8	119.4	119.9	120.2	118.7	120.5	127.0	128.4	119.3	83.9	100.2	116.2	508.4	270.6	15.1

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000436

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

17:52:32	0:04:00	26.0	25.9	30.1	20.6	26.0	120.3	120.1	121.1	119.7	120.3	120.7	119.0	120.6	127.5	128.2	119.1	83.8	97.7	116.2	508.4	270.6	16.6
17:54:32	0:06:00	28.6	28.5	30.1	21.0	26.5	120.5	120.4	121.4	119.8	120.6	120.9	119.1	120.7	127.8	128.3	119.0	83.8	95.6	116.2	508.4	270.6	16.6

AIR BACKFILL(1) (Loop:10/12) SUMMARY 07/07/2015 07:16:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:54:50	0:06:18	29.2	29.1	30.1	21.0	26.5	120.5	120.4	121.4	119.8	120.6	120.9	119.1	119.8	124.7	128.2	119.1	83.9	95.3	116.1	508.5	270.5	16.6

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 128.5 MAX GAS TEMP: 083.9
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.5 MIN PRE TEMP: 128.2 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.4
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 119.0

POST EVACUATION(2) (Loop:10/12) 07/07/2015 07:16:22

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:54:50	0:00:00	29.2	29.1	30.1	21.0	26.5	120.5	120.4	121.4	119.8	120.6	120.9	119.1	119.8	124.7	128.2	119.1	83.9	95.3	116.1	508.5	270.5	16.6
17:56:50	0:02:00	26.4	26.3	30.1	19.2	24.9	119.3	119.0	120.0	119.0	119.2	119.5	118.3	120.2	125.8	128.2	122.6	83.9	99.5	116.9	508.4	270.6	13.5
17:58:50	0:04:00	23.7	23.6	30.1	17.9	23.4	118.9	118.7	119.6	118.6	118.8	119.1	118.0	120.6	127.4	128.1	122.8	83.9	101.7	116.7	508.4	270.6	12.1
18:00:50	0:06:00	21.0	20.9	30.1	17.0	22.4	118.7	118.3	119.4	118.4	118.5	118.9	117.8	120.8	128.6	128.0	122.7	83.9	102.8	116.7	508.5	270.6	12.1

POST EVACUATION(2) (Loop:10/12) SUMMARY 07/07/2015 07:22:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:01:14	0:06:24	20.5	20.4	30.1	16.9	22.4	118.7	118.4	119.4	118.4	118.4	118.9	117.7	119.8	124.7	128.0	122.6	83.9	102.9	116.7	508.4	270.6	12.1

START PRESS: 0029.2 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.5 MAX PRE TEMP: 128.3 MAX GAS TEMP: 083.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 128.0 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 122.8
EO USED PHASE: -000.1 EO USED CYCLE:017.1 MIN VAP TEMP: 118.9

AIR BACKFILL(1) (Loop:11/12) 07/07/2015 07:22:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:01:14	0:00:00	20.5	20.4	30.1	16.9	22.4	118.7	118.4	119.4	118.4	118.4	118.9	117.7	119.8	124.7	128.0	122.6	83.9	102.9	116.7	508.4	270.6	12.1
18:03:14	0:02:00	23.2	23.1	30.1	19.2	24.5	120.0	119.8	120.8	119.4	119.9	120.3	118.7	120.0	125.4	127.9	122.5	83.8	100.2	116.8	508.4	270.6	13.6
18:05:14	0:04:00	26.1	26.0	30.1	20.1	25.5	120.3	120.1	121.1	119.8	120.3	120.6	119.1	120.2	125.8	127.8	122.4	83.9	97.7	116.8	508.4	270.6	13.6
18:07:14	0:06:00	28.7	28.6	30.1	20.6	25.9	120.6	120.4	121.4	119.9	120.6	120.9	119.1	120.4	126.8	127.7	122.2	83.8	95.7	116.8	508.5	270.5	13.6

AIR BACKFILL(1) (Loop:11/12) SUMMARY 07/07/2015 07:29:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:07:35	0:06:21	29.2	29.1	30.1	21.0	26.4	120.6	120.4	121.4	119.9	120.6	120.9	119.1	119.3	123.2	127.6	122.2	83.9	95.4	116.8	508.5	270.6	13.6

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 128.0 MAX GAS TEMP: 084.0
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 127.6 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 122.2

POST EVACUATION(2) (Loop:11/12) 07/07/2015 07:29:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000437

STERILIZER NUMBER: 0001033692

...0: 0000000155

07/07/2015 07:35:33

POST EVACUATION(2) (Loop:11/12) SUMMARY

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:35	0:00:00	29.2	29.1	30.1	21.0	26.4	120.6	120.4	121.4	119.9	120.6	120.9	119.1	119.3	123.2	127.6	122.2	83.9	95.4	116.8	508.5	270.6	13.6
18:11:35	0:02:00	26.5	26.3	30.1	19.2	25.0	119.3	119.0	120.0	119.0	119.2	119.5	118.3	119.7	124.3	127.6	122.1	83.9	99.7	116.9	508.5	270.6	12.1
18:13:35	0:04:00	23.8	23.6	30.1	17.9	23.4	118.9	118.7	119.6	118.6	118.7	119.1	118.0	120.2	125.8	127.6	122.0	83.9	101.8	116.9	508.4	270.6	10.6
	0:06:00	21.0	20.9	30.1	16.5	21.8	118.7	118.3	119.4	118.3	118.4	118.9	117.7	120.6	127.3	127.4	121.8	83.9	103.0	116.9	508.5	270.6	10.5

START PRESS: 0029.2 MAX PRESS: 0029.3 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 127.7 MAX GAS TEMP: 084.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 127.4 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
MIN VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:017.1

07/07/2015 07:35:33

AIR BACKFILL(1) (Loop:12/12)

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:14:00	0:00:00	20.5	20.4	30.1	17.0	22.4	118.7	118.3	119.4	118.3	118.4	118.9	117.7	119.3	123.2	127.4	121.8	84.0	103.1	116.9	508.4	270.6	10.6
18:16:00	0:02:00	23.3	23.1	30.1	18.8	24.0	120.0	119.8	120.8	119.4	119.9	120.2	118.7	119.4	123.4	127.3	121.6	83.9	100.3	116.8	508.5	270.6	13.6
18:18:00	0:04:00	26.1	25.9	30.1	19.6	24.9	120.3	120.1	121.2	119.7	120.3	120.6	118.9	119.7	124.3	127.3	121.6	84.0	97.9	116.9	508.5	270.6	13.5
18:20:00	0:06:00	28.8	28.7	30.1	20.6	25.9	120.5	120.3	121.4	119.8	120.6	120.8	119.1	119.9	124.9	127.1	121.4	84.0	95.8	116.8	508.4	270.6	13.6

07/07/2015 07:41:56

POST EVACUATION(2) (Loop:12/12) SUMMARY

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:20:23	0:06:22	29.2	29.2	30.1	20.6	25.9	120.5	120.3	121.4	119.8	120.6	120.8	119.1	119.4	125.8	127.1	121.3	83.9	95.5	116.8	508.5	270.6	13.6

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 127.5 MAX GAS TEMP: 084.0
END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.5 DRM2 END: 270.6 MIN PRE TEMP: 127.1 MIN GAS TEMP: 083.9
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
MIN VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:017.1

07/07/2015 07:41:56

POST EVACUATION(2) (Loop:12/12)

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:20:23	0:00:00	29.2	29.1	30.1	20.6	25.9	120.5	120.3	121.4	119.8	120.6	120.8	119.1	119.4	125.8	127.1	121.3	83.9	95.5	116.8	508.5	270.6	13.6
18:22:23	0:02:00	26.5	26.4	30.1	18.8	24.4	119.3	119.0	120.0	118.9	119.2	119.5	118.2	119.1	123.2	127.0	121.2	84.0	99.9	116.8	508.4	270.6	10.5
18:24:23	0:04:00	23.8	23.7	30.1	17.4	22.9	118.9	118.5	119.6	118.5	118.8	119.1	117.9	119.4	123.4	126.9	121.1	84.0	101.9	116.8	508.4	270.6	10.6
18:26:23	0:06:00	21.0	20.9	30.1	16.5	21.8	118.7	118.4	119.4	118.4	118.5	118.9	117.7	119.9	124.8	126.9	121.0	84.1	103.1	116.8	508.5	270.6	9.2

07/07/2015 07:48:19

POST EVACUATION(2) (Loop:12/12) SUMMARY

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:26:46	0:06:22	20.5	20.4	30.1	16.5	21.8	118.7	118.3	119.4	118.3	118.5	118.9	117.7	119.3	124.9	126.9	121.0	84.1	103.3	116.8	508.4	270.6	9.1

START PRESS: 0029.2 MAX PRESS: 0029.4 MAX TEMP: 120.9 DRM1 START: 508.5 DRM2 START: 270.6 MAX PRE TEMP: 127.1 MAX GAS TEMP: 084.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 126.8 MIN GAS TEMP: 083.9
PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
MIN VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:017.1

AIR BACKFILL(2) 07/07/2015 07:48:19

CYCLE PHASE PX-1 PX-2 PX-4 CH CALC. AVG. CH1 CH2 CH3 CH1A CH2A CH3A JR JS PRHTR VAP GAS MNFLD MNTR EO EO GAS

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000438

CYCLE NO: 0000000155

STERILIZER NUMBER: 0001033692

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
18:26:46	0:00:00	20.5	20.4	30.1	16.5	21.8	118.7	118.3	119.4	118.3	118.5	118.9	117.7	119.3	124.9	126.9	121.0	84.1	103.3	116.8	508.4	270.6	9.1
18:27:46	0:01:00	21.9	21.8	30.1	17.9	23.1	119.5	119.2	120.3	119.0	119.4	119.7	118.2	119.1	124.6	126.8	120.8	84.0	102.0	116.8	508.5	270.6	10.5
18:28:46	0:02:00	23.3	23.2	30.1	18.8	24.0	120.0	119.8	120.8	119.4	119.9	120.2	118.7	119.1	124.1	126.7	120.9	84.1	100.5	116.7	508.5	270.6	10.5
18:29:46	0:03:00	24.6	24.4	30.1	19.2	24.4	120.2	120.1	121.0	119.6	120.2	120.4	118.9	119.1	123.8	126.7	120.7	84.1	99.3	116.8	508.4	270.6	10.6
18:30:46	0:04:00	26.0	25.8	30.1	19.2	24.3	120.3	120.1	121.1	119.7	120.3	120.6	118.9	119.1	123.6	126.8	120.7	84.1	98.0	116.8	508.4	270.6	12.1
18:31:46	0:05:00	27.4	27.3	30.1	19.7	24.8	120.4	120.3	121.3	119.7	120.6	120.7	119.0	119.2	122.9	126.7	120.6	84.1	97.0	116.8	508.4	270.6	12.1
18:32:46	0:06:00	28.7	28.6	30.1	20.6	25.9	120.6	120.4	121.4	119.9	120.6	120.8	119.1	119.3	123.1	126.5	120.6	84.1	96.0	116.7	508.5	270.6	12.1

AIR BACKFILL(2) SUMMARY 07/07/2015 07:54:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:33:11	0:06:26	29.2	29.1	30.1	20.6	25.9	120.5	120.3	121.3	119.8	120.6	120.8	119.1	120.5	128.4	126.5	120.6	84.2	95.6	116.7	508.4	270.6	10.5

START PRESS: 0020.5 MAX PRESS: 0029.2 MAX TEMP: 120.9 DRM1 START: 508.4 DRM2 START: 270.6 MAX PRE TEMP: 126.9 MAX GAS TEMP: 084.2

END PRESS: 0029.2 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 508.4 DRM2 END: 270.6 MIN PRE TEMP: 126.5 MIN GAS TEMP: 084.0

PRESS CHANGE: 008.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0

EO USED PHASE: 000.0 EO USED CYCLE:017.1 MIN VAP TEMP: 120.5

END OF CYCLE 07/07/2015 07:54:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:33:11	0:00:00	29.2	29.1	30.1	20.6	25.9	120.5	120.3	121.3	119.8	120.6	120.8	119.1	120.5	128.4	126.5	120.6	84.2	95.6	116.7	508.4	270.6	10.5

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000439

Aeration Validation

Sample Aeration Summary Matrix

3X S. ..ization
Aeration Summary Matrix

Novafil - Primary Aeration Product						
Sample Set	Aer. Room	Pull/Freeze Times	Cycle #	1X: 0HR	1X: 12HR	1X: 24HR
A	Primary	Time Pulled	CB500294	06-05-15/21:55	06-06-15/09:55	06-06-15/21:55
		Time Pulled	CB500304	06-11-15/20:50	06-12-15/08:50	06-12-15/20:50
		Time Pulled	CB500313	06-18-15/04:00	06-18-15/16:00	06-19-15/04:00
B		Time Pulled	CB500300	06-09-15/06:00	06-09-15/18:00	06-10-15/06:00
		Time Pulled	CB500307	06-15-15/19:00	06-16-15/07:00	06-16-15/19:00
		Time Pulled	CB500319	06-25-15/04:15	06-25-15/16:15	06-26-15/04:15
C		Time Pulled	CB500322	06-29-15/18:25	06-30-15/06:25	06-30-15/18:25
		Time Pulled	CA500325	07-02-15/01:55	07-02-15/13:55	07-03-15/01:55
		Time Pulled	CA500327	07-07-15/08:30	07-07-15/20:30	07-08-15/08:30

Aug. 12, 2015

Covidien_North Haven_STE14-031_Residuals_NonCBI - 000441

Aeration Validation

Set "A"

Blank Samples

Novafil: D4C0376X

A Blank

CHEM-033D
REV A

COPY

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 888 8644 2243 Aeration Time: n/a

Lot Number: D4C0376X Cycle Number: n/a

Sample Weight: 0.1231 g Extraction Time: 10 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	no	response.	<10535	–	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <12 ppm

Total weight of component: 0.0245 g Total mg ETO: <0.00030 mg

Sample Dimensions (cm) L= 226 cm Surface Area of Sample (cm^2) 16.0 cm^2

µg EtO/cm^2: <0.093 µg/cm^2

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "A"

0 Hr. Aeration

Novafil: D4C0376X

Set A 3X

Equal amt of suture for 4 pkgs.
Novafil Size 3-0 L= 44.5cm

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243

Aeration Time: 0hr

Lot Number: D4C0376X

Cycle Number: CB500294, CB500304, CB500313

Sample Weight: 0.0995g

Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	292056	292896	292476	0.1	6260	46.7
2	11025	11057	11041	0.1	6260	1.76

Total ETO Content: 48.5ug

Residual (ppm): 487ppm

Total weight of component: 0.0254g

Total mg ETO: 0.0124mgETO

Sample Dimensions (cm) 174cm, 14.15

Surface Area of Sample (cm^2) 12.3cm²

µg EtO/cm^2: 3.94ug EtO/cm²

Performed by: Lizbeth Jimenez

Date: JUN-29-2015

Reviewed by: Jose Cerro

Date: Jul 6, 2015

Aeration Validation

Set "A"

12 Hr. Aeration

Novafil: D4C0376X

Set A - 3X

Equal amt of Suture for 4 pkgs.
Novafil Size 3-0 L=44.5cm

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243

Aeration Time: 12hr

Lot Number: D4C0376X

Cycle Number: CB500294, CB500304, CB500313

Sample Weight: 0.1005g

Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	21125	21673	21399	1.3	6260	3.42
2	934	912	923	1.2	6260	0.147

Total ETO Content: 3.57 µg

Residual (ppm): 36ppm

Total weight of component: 0.0254 g

Total mg ETO: 0.000902 mg ETO

Sample Dimensions (cm) 176cm², 14.15

Surface Area of Sample (cm^2) 12.4cm²

µg EtO/cm^2: 0.288 ug EtO/cm²

Performed by: Elizabeth Jimenez

Date: JUN-29-2015

Reviewed by: Jose Cruz

Date: Jul 6, 2015

Aeration Validation

Set "A"

24 Hr. Aeration

Novafil: D4C0376X

Set A 3X

Equal amt of suture for 4pkgs

Novafil Size 3-0 L= 44.5cm

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 8881644224 3
Lot Number: D4C0376X
Cycle Number: CB500294, CB500304, CB500313

Aeration Time: 24hr
Aeration Conditions: ≈105F

Ethylene Chlorohydrin

Sample Weight 0.1030 g
Water Weight 3.2716 g
Component Wt. 0.0254 g
Sample Dimensions (cm) 180cm; 14.15

Dilution Factor 31.7631
Extraction Time 24hr
Extraction Temp. room temp
Surface Area 12.7cm²

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg
Ethylene Chlorohydrin							
no response		<12421	—	660.6	<18.8	<597	<0.0152

Ethylene Oxide

Sample Weight 0.1020 g
Component Wt. 0.0254 g

Extraction Time 20min
Extraction Temp. 150

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	3188	3333	3261	2.2	6260	0.521
2	no response		—	—	—	—

Total ETO content (µg) 0.521 µg
Total mg ETO 0.000130 mg ETO
Dimensions of Sample (cm) 179cm; 14.15

Residual (ppm) 5ppm
Surface Area (cm²) 12.7cm²

µg EtO/cm² 0.0410 µg ETO/cm²

mg EtCh/cm² < 0.00484 mg EtCh/cm²

Performed by: [signature]

Date: JUN-30-2015

Reviewed by: [signature]

Date: Jul 6, 2015

CHEM-033B
REV A

ETO Calibration Data Sheet

Calibration Standard Data

Standard Number	*Volume of Gas Added (µL)*	*Weight of gas added (µg)*
1	1.00	1.82
2	5.00	9.10
3	10.0	18.2
4	30.0	54.6

Machine Response

Standard Number	Response A	Response B	Average Response	% Deviation	Wt. of ETO in Standard
1	12267	12073	12170	0.8	1.82
2	58874	58770	58822	0.1	9.10
3	119956	118068	119012	0.8	18.2
4	343161	341178	342170	0.3	54.6

Slope= Response (area unit/µg) 6260 Linear Correlation 0.9999

Performed by: Lizbeth A Jimenez Date: JUN-29-2015

Reviewed by: Joan Cino Date: Jul 6, 2015

Aeration Validation

Set "B"

Blank Samples

Novafil: D5D0627X

B
Blank

L= 45
3-0 Novafil

COPY

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: n/a

Lot Number: D5D0627X Cycle Number: n/a

Sample Weight: 0.1308 g Extraction Time: 10 min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	no	response	<10535	—	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <11 ppm

Total weight of component: 0.0245 g Total mg ETO: <0.00028 mg

Sample Dimensions (cm) L= 240cm Surface Area of Sample (cm^2) 17.0 cm^2

µg EtO/cm^2: < 0.087 µg/cm^2

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "B"

0 Hr. Aeration

Novafil: D5D0627X

Set B 3X

Equal amt of suture for 4 pkgs

Novafil Size 3-0 L=45cm

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243

Aeration Time: 0hr

Lot Number: D5D0627X

Cycle Number: CB500300, CB500307, CB500319

Sample Weight: 0.1058g

Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	317085	339207	328146	3.4	6260	52.4
2	12349	12869	12609	2.1	6260	2.01

Total ETO Content: 54.4ug

Residual (ppm): 514ppm

Total weight of component: 0.0262g

Total mg ETO: 0.0135mg ETO

Sample Dimensions (cm) 182cm, 14.15

Surface Area of Sample (cm^2) 129cm2

µg EtO/cm^2: 4.22 ug ETO/cm2

Performed by: [signature]

Date: JUN-29-2015

Reviewed by: [signature]

Date: Jul 6, 2015

Aeration Validation

Set "B"

12 Hr. Aeration

Novafil: D5D0627X

Set B 3X

Equal amt of suture for 4 pkgs CHEM-033D REV A

Novafil Size 3-0 L=45cm

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: 12hr

Lot Number: D5D0627X Cycle Number: CB500300, CB500307, CB500319

Sample Weight: 0.1068g Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	23230	23338	23284	0.2	6260	3.72
2	1057	1100	1079	2.0	6260	0.172

Total ETO Content: 3.89 µg Residual (ppm): 36 ppm

Total weight of component: 0.0262g Total mg ETO: 0.000954 mg ETO

Sample Dimensions (cm) 183cm; 14.15 Surface Area of Sample (cm^2) 12.9 cm^2

µg EtO/cm^2: 0.302 µg EtO/cm^2

Performed by: [signature] Date: JUN-30-2015

Reviewed by: [signature] Date: Jul 6, 2015

Aeration Validation

Set "B"

24 Hr. Aeration

Novafil: D5D0627X

Set B3X

Equal amt of suture for 4 pkgs

Novafil Size 3-0 L=45cm

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 8886442243
Lot Number: D5D0627X
Cycle Number: CB500300, CB500307, CB500319

Aeration Time: 24hr
Aeration Conditions: ≈105°F

Ethylene Chlorohydrin

Sample Weight 0.1049 g
Water Weight 3.3771 g
Component Wt. 0.0262 g
Sample Dimensions (cm) 180cm², 14.15

Dilution Factor 32.1935
Extraction Time 24hr
Extraction Temp. room temp
Surface Area 12.7cm²

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg

Ethylene Chlorohydrin

no	response	< 12421	—	660.6	< 18.8	< 605	< 0.0159

Ethylene Oxide

Sample Weight 0.0999 g
Component Wt. 0.0262 g

Extraction Time 20min
Extraction Temp. 150c

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	3515	3370	3443	2.1	6260	0.550
2	no	response	—	—	—	—

Total ETO content (µg) 0.550 µg
Total mg ETO 0.000144 mg ETO
Dimensions of Sample (cm) 172cm², 14.15

µg EtO/cm² 0.0451 µg EtO/cm²

Residual (ppm) 6ppm

Surface Area (cm²) 12.2cm²

mg EtCh/cm² < 0.00500 mg EtCh/cm²

Performed by: Lizbeth Nimenez

Date: JUN-30-2015

Reviewed by: [signature]

Date: Jul 6, 2015

Aeration Validation

Set "C"

Blank Samples

Novafil: D5D1158X

Blank

COPY

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: n/a

Lot Number: D5D1158V Cycle Number: n/a

Sample Weight: 0.1284 g Extraction Time: 10 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	ND	response	<105535	—	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <12 ppm

Total weight of component: 0.02458 Total mg ETO: <0.00028mg

Sample Dimensions (cm) L= 236cm Surface Area of Sample (cm^2) 16.7 cm^2

µg EtO/cm^2: <0.089 µg/cm^2

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "C"

0 Hr. Aeration

Novafil: D5D1158X

Set C-3x 0hr
CA500827

CHEM-033D
REV A

Equal amt of suture per 4 pkgs
Novafil Size 3-0 L = 45.5cm

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 888 64422-43 Aeration Time: 0hr

Lot Number: D5D1158X Cycle Number: CB500322, CA500325, CA500327

Sample Weight: 0.1026g Extraction Time: 20min

Extraction Temp: 150c

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	353041	353339	353190	0.04	6620	53.4
2	15656	15663	15660	0.03	6620	2.37

Total ETO Content: 55.8 µg Residual (ppm): 544 ppm

Total weight of component: 0.0262g Total mg ETO: 0.0142 mg ETO

Sample Dimensions (cm) 178cm, 14.15 Surface Area of Sample (cm^2) 12.6 cm^2

µg EtO/cm^2: 4.43 µg ETO/cm^2

Performed by: [signature] Date: Jul-13-2015

Reviewed by: [signature] Date: Jul 13, 2015

Aeration Validation

Set "C"

12 Hr. Aeration

Novafil: D5D1158X

Set C 3X 12hr
CA500327

CHEM-033D
REV A

Equal amt of suture for 4 pkgs
Novafil size 3-0 L = 45.5cm

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 88864422-43 Aeration Time: 12hr

Lot Number: D5D1158X Cycle Number: CB500322, CA500325, CA500327

Sample Weight: 0.1022g Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	17057	17043	17050	0.04	6620	2.58
2	no response		—	—	—	—

Total ETO Content: 2.58ug Residual (ppm): 25ppm

Total weight of component: 0.0262g Total mg ETO: 0.000661mg ETO

Sample Dimensions (cm) 17cm ; 14.15 Surface Area of Sample (cm^2) 12.50cm^2

µg EtO/cm^2: 0.206ug ETO/cm^2

Performed by: [signature] Date: JUL-13-2015

Reviewed by: [signature] Date: Jul 13, 2015

Aeration Validation

Set "C"

24 Hr. Aeration

Novafil: D5D1158X

Set C 3x 24hr
CA500327

Equal amt of suture for 4 pkgs
Novafil Size 3-0 L=45.5cm

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 88864422-43
Lot Number: D5D1158X
Cycle Number: CB500322, CA500325, CA500327

Aeration Time: 24hr
Aeration Conditions: ≈105°F

Ethylene Chlorohydrin

Sample Weight 0.1000 g
Water Weight 6.2308 g
Component Wt. 0.0262 g
Sample Dimensions (cm) 174cm², 14.15

Dilution Factor 62.3080
Extraction Time 24hr
Extraction Temp. room temp
Surface Area 12.3cm²

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg
Ethylene Chlorohydrin							
no response		< 12421	—	6660.6	< 18.8	< 1170	< 0.0307

Ethylene Oxide

Sample Weight 0.1045 g
Component Wt. 0.0262 g

Extraction Time 20min
Extraction Temp. 150c

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	4255	4168	4212	1.0 ~~2.1~~	6620	0.636
2	no response		—	VC7-1415	—	—

Total ETO content (µg) 0.636µg
Total mg ETO 0.000159 mgETO
Dimensions of Sample (cm) 181cm², 14.15

Residual (ppm) 6ppm
Surface Area (cm²) 12.8cm²

µg EtO/cm² 0.0497 µgEtO/cm²

mg EtCh/cm² < 0.00952 mgEtCh/cm²

Performed by: [signature]
Reviewed by: [signature]

Date: JUL-14-2015
Date: Jul 14, 2015

CHEM-033B
REV A

ETO Calibration Data Sheet

Calibration Standard Data

Standard Number	*Volume of Gas Added (µL)*	*Weight of gas added (µg)*
1	1.00	1.82
2	5.00	9.10
3	10.0	18.2
4	30.0	54.6

Machine Response

Standard Number	Response A	Response B	Average Response	% Deviation	Wt. of ETO in Standard
1	11868	11802	11835	0.3	1.82
2	59814	59316	59565	0.4	9.10
3	118572	118077	118325	0.2	18.2
4	359863	363075	361469	0.4	54.6

Slope= Response (area unit/µg) 6620 Linear Correlation 0.99998

Performed by: Lizbeth A. Jimenez Date: JUL-~~9~~ 13-2015 JUL-13-2015

Reviewed by: Jack Cirio Date: Jul 13, 2015