Excluded In Calib | Excluded In Results | Peak Run Excluded | Multi Element | Semi Quant | Internal Standard | Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard E-Calibration Edited I-Invalid Calibration V-Valley Integration Failed
F-Interference Correction Failed T-Tripped P-Pulse Counting M-Result Over Max

Run	Label	TimeStamp	95Mo	103Rh	106Pd	107Ag	108Pd	111Cd	113In	115In	121Sb	123Sb
	%RSD of MH1G34;S		(P)21.651	(P)1.023	(P)10.116	(P)6.300	(P)25.420	(P)4.052	(P)2.553	(P)1.666	(P)0.963	(P)1.478
1	MH1G35;S	10/25/2005 6:33:49 F	(P)20.000	(P)256001.42	(P)528.010	(P)50057.548	(P)228.002	(P)3609.456	(P)15514.420	(PM)269088.6	(P)52.000	(P)40.000
2	MH1G35;S	10/25/2005 6:34:45 F	(P)22.000	(P)260815.32	(P)490.008	(P)50804.177	(P)194.001	(P)3612.457	(P)15085.961	(PM)271813.5	(P)38.000	(P)24.000
3	MH1G35;S	10/25/2005 6:35:41 F	(P)30.000	(P)257730.08	(P)518.009	(P)49983.289	(P)222.002	(P)3581.449	(P)15440.340	(PM)272769.4	(P)50.000	(P)32.000
	Mean of MH1G35;S	10/25/2005 6:33:49 F	(P)24.000	(P)258182.27	(P)512.009	(P)50281.671	(P)214.668	(P)3601.121	(P)15346.907	(PM)271223.8	(P)46.667	(P)32.000
	SD of MH1G35;S		(P)5.292	(P)2438.604	(P)19.698	(P)454.024	(P)18.148	(P)17.102	(P)229.001	(PM)1909.940	(P)7.572	(P)8.000
	%RSD of MH1G35;S		(P)22.048	(P)0.945	(P)3.847	(P)0.903	(P)8.454	(P)0.475	(P)1.492	(PM)0.704	(P)16.225	(P)25.000
1	ZZZZZZ	10/25/2005 6:39:29 F	(P)12.000	(P)222011.82	(P)184.001	(P)38.000	(P)0.000	(P)5.000	(P)10043.529	(P)226253.60	(P)44.000	(P)24.000
2	ZZZZZZ	10/25/2005 6:40:25 F	(P)16.000	(P)228716.35	(P)176.001	(P)22.000	(P)4.000	(P)5.000	(P)10143.600	(P)229291.46	(P)32.000	(P)28.000
3	ZZZZZZ	10/25/2005 6:41:21 F	(P)6.000	(P)223045.74	(P)174.001	(P)34.000	(P)2.000	(P)6.000	(P)9793.356	(P)227885.23	(P)26.000	(P)30.000
	Mean of ZZZZZZ	10/25/2005 6:39:29 F	(P)11.333	(P)224591.30	(P)178.001	(P)31.333	(P)2.000	(P)5.333	(P)9993.495	(P)227810.09	(P)34.000	(P)27.333
	SD of ZZZZZZ		(P)5.033	(P)3609.605	(P)5.292	(P)8.327	(P)2.000	(P)0.577	(P)180.403	(P)1520.324	(P)9.165	(P)3.055
	%RSD of ZZZZZZ		(P)44.411	(P)1.607	(P)2.973	(P)26.574	(P)100.000	(P)10.825	(P)1.805	(P)0.667	(P)26.956	(P)11.177
1	CRIF;CRI	10/25/2005 6:45:07 F	(P)4.000	(P)215097.24	(P)194.001	(P)1078.041	(P)8.000	(P)250.002	(P)10033.522	(P)219129.83	(P)2294.184	(P)1612.091
2	CRIF;CRI	10/25/2005 6:46:03 F	(P)6.000	(P)220159.48	(P)198.001	(P)1004.035	(P)16.000	(P)251.002	(P)10105.573	(P)227066.34	(P)2312.187	(P)1652.095
3	CRIF;CRI	10/25/2005 6:46:59 F	(P)2.000	(P)219755.33	(P)230.002	(P)1080.041	(P)14.000	(P)272.003	(P)10221.656	(P)231372.61	(P)2154.162	(P)1662.097
	Mean of CRIF;CRI	10/25/2005 6:45:07 F	(P)4.000	(P)218337.35	(P)207.335	(P)1054.039	(P)12.667	(P)257.669	(P)10120.250	(P)225856.26	(P)2253.511	(P)1642.094
	SD of CRIF;CRI		(P)2.000	(P)2813.287	(P)19.732	(P)43.316	(P)4.163	(P)12.423	(P)94.922	(P)6210.445	(P)86.508	(P)26.461
	%RSD of CRIF;CRI		(P)50.000	(P)1.289	(P)9.517	(P)4.110	(P)32.868	(P)4.821	(P)0.938	(P)2.750	(P)3.839	(P)1.611
1	CCV4;CCV	10/25/2005 6:50:47 F	(P)46270.813	(P)236182.37	(P)2592.235	(P)103457.27	(P)1774.110	(P)26869.245	(P)36893.578	(P)238728.16	(P)110189.33	(P)86263.666
2	CCV4;CCV	10/25/2005 6:51:43 F	(P)45394.007	(P)241262.20	(P)2576.232	(P)104962.19	(P)1818.116	(P)27063.611	(P)36320.112	(P)241624.24	(P)112003.35	(P)86197.267
3	CCV4;CCV	10/25/2005 6:52:39 F	(P)46531.659	(P)238036.77	(P)2704.256	(P)104780.86	(P)1828.117	(P)27316.091	(P)38078.682	(P)238927.45	(P)113755.11	(P)86684.200
	Mean of CCV4;CCV	10/25/2005 6:50:47 F	(P)46065.493	(P)238493.78	(P)2624.241	(P)104400.11	(P)1806.781	(P)27082.982	(P)37097.457	(P)239759.95	(P)111982.60	(P)86381.711
	SD of CCV4;CCV		(P)595.970	(P)2570.569	(P)69.755	(P)821.539	(P)28.732	(P)224.052	(P)896.837	(P)1617.596	(P)1782.983	(P)264.059
	%RSD of CCV4;CCV		(P)1.294	(P)1.078	(P)2.658	(P)0.787	(P)1.590	(P)0.827	(P)2.418	(P)0.675	(P)1.592	(P)0.306
1	CCB4;CCB	10/25/2005 6:56:28 F	(P)10.000	(P)209971.83	(P)186.001	(P)4.000	(P)4.000	(P)1.000	(P)9557.196	(P)214366.38	(P)468.008	(P)296.003
2	CCB4;CCB	10/25/2005 6:57:24 F	(P)8.000	(P)213913.67	(P)182.001	(P)10.000	(P)0.000	(P)0.000	(P)9613.233	(P)220208.23	(P)322.004	(P)232.002
3	CCB4;CCB	10/25/2005 6:58:20 F	(P)2.000	(P)215432.23	(P)154.001	(P)6.000	(P)2.000	(P)1.000	(P)9677.277	(P)220811.43	(P)232.002	(P)200.001
	Mean of CCB4;CCB	10/25/2005 6:56:28 F	(P)6.667	(P)213105.91	(P)174.001	(P)6.667	(P)2.000	(P)0.667	(P)9615.902	(P)218462.01	(P)340.671	(P)242.669
	SD of CCB4;CCB		(P)4.163	(P)2818.395	(P)17.436	(P)3.055	(P)2.000	(P)0.577	(P)60.085	(P)3559.724	(P)119.105	(P)48.882

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Excluded In Calib | Excluded In Results | Peak Run Excluded | Multi Element | Semi Quant | Internal Standard | Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	137Ba	159Tb	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
	%RSD of MH1G34;S		(P)6.691	(P)1.653	(P)0.879	(P)1.368	(P)2.380	(P)3.118	1.787	2.320	2.348
1	MH1G35;S	10/25/2005 6:33:49 F	(P)130848.51	(P)577122.66	(P)604131.61	(P)10.000	(P)24.000	(P)34106.666	29706.855	73707.659	466271.120
2	MH1G35;S	10/25/2005 6:34:45 F	(P)132711.58	(P)585834.73	(P)604550.80	(P)12.000	(P)18.000	(P)34820.384	29913.285	74612.338	473422.650
3	MH1G35;S	10/25/2005 6:35:41 F	(P)133622.01	(P)582240.16	(P)607126.66	(P)12.000	(P)34.000	(P)34708.112	29654.747	73862.456	470934.400
	Mean of MH1G35;S	10/25/2005 6:33:49 F	(P)132394.04	(P)581732.52	(P)605269.69	(P)11.333	(P)25.333	(P)34545.054	29758.296	74060.818	470209.390
	SD of MH1G35;S		(P)1413.753	(P)4378.165	(P)1621.783	(P)1.155	(P)8.083	(P)383.783	136.730	483.861	3630.473
	%RSD of MH1G35;S		(P)1.068	(P)0.753	(P)0.268	(P)10.189	(P)31.906	(P)1.111	0.459	0.653	0.772
1	ZZZZZZ	10/25/2005 6:39:29 F	(P)30.000	(P)474028.25	(P)512003.64	(P)18.000	(P)62.000	(P)202.001	156.001	454.007	396336.670
2	ZZZZZZ	10/25/2005 6:40:25 F	(P)28.000	(P)481334.56	(P)517612.43	(P)32.000	(P)46.000	(P)202.001	184.001	480.008	404146.980
3	ZZZZZZ	10/25/2005 6:41:21 F	(P)48.000	(P)479940.82	(P)519691.92	(P)26.000	(P)44.000	(P)180.001	166.001	378.005	399753.940
	Mean of ZZZZZZ	10/25/2005 6:39:29 F	(P)35.333	(P)478434.54	(P)516436.00	(P)25.333	(P)50.667	(P)194.668	168.668	437.340	400079.200
	SD of ZZZZZZ		(P)11.015	(P)3879.074	(P)3976.858	(P)7.024	(P)9.866	(P)12.702	14.189	53.005	3915.300
	%RSD of ZZZZZZ		(P)31.175	(P)0.811	(P)0.770	(P)27.725	(P)19.472	(P)6.525	8.413	12.120	0.979
1	CRIF;CRI	10/25/2005 6:45:07 F	(P)3426.411	(P)474710.34	(P)504592.84	(P)1486.077	(P)3522.434	(P)1320.061	1086.041	2596.236	392912.000
2	CRIF;CRI	10/25/2005 6:46:03 F	(P)3476.423	(P)479473.52	(P)505686.51	(P)1534.082	(P)3656.468	(P)1346.063	1144.046	2754.266	396114.640
3	CRIF;CRI	10/25/2005 6:46:59 F	(P)3504.430	(P)476922.21	(P)507863.73	(P)1464.075	(P)3618.458	(P)1342.063	1150.046	2764.267	403719.140
	Mean of CRIF;CRI	10/25/2005 6:45:07 F	(P)3469.088	(P)477035.36	(P)506047.69	(P)1494.745	(P)3599.120	(P)1336.063	1126.711	2704.923	397581.920
	SD of CRIF;CRI		(P)39.523	(P)2383.603	(P)1665.093	(P)35.799	(P)69.078	(P)14.001	35.349	94.258	5550.969
	%RSD of CRIF;CRI		(P)1.139	(P)0.500	(P)0.329	(P)2.395	(P)1.919	(P)1.048	3.137	3.485	1.396
1	CCV4;CCV	10/25/2005 6:50:47 F	(P)35999.301	(P)505143.80	(P)517836.33	(P)143957.70	(P)346049.09	(P)126661.03	109056.680	263503.990	411270.000
2	CCV4;CCV	10/25/2005 6:51:43 F	(P)36482.525	(P)504961.53	(P)519563.37	(P)146671.09	(P)347481.23	(P)129476.10	107557.380	263420.480	407146.370
3	CCV4;CCV	10/25/2005 6:52:39 F	(P)36051.432	(P)492203.66	(P)514954.93	(P)143171.86	(P)343203.67	(P)130616.41	109969.640	263039.550	411422.290
	Mean of CCV4;CCV	10/25/2005 6:50:47 F	(P)36177.753	(P)500769.66	(P)517451.54	(P)144600.22	(P)345578.00	(P)128917.84	108861.240	263321.340	409946.220
	SD of CCV4;CCV		(P)265.224	(P)7418.938	(P)2328.191	(P)1835.967	(P)2177.344	(P)2035.924	1217.949	247.583	2425.937
	%RSD of CCV4;CCV		(P)0.733	(P)1.482	(P)0.450	(P)1.270	(P)0.630	(P)1.579	1.119	0.094	0.592
1	CCB4;CCB	10/25/2005 6:56:28 F	(P)6.000	(P)452308.83	(P)482236.21	(P)12.000	(P)50.000	(P)42.000	28.000	100.000	379802.520
2	CCB4;CCB	10/25/2005 6:57:24 F	(P)4.000	(P)466382.67	(P)488307.31	(P)24.000	(P)30.000	(P)36.000	38.000	82.000	383575.330
3	CCB4;CCB	10/25/2005 6:58:20 F	(P)0.000	(P)461768.35	(P)492861.77	(P)10.000	(P)38.000	(P)36.000	28.000	88.000	379701.890
	Mean of CCB4;CCB	10/25/2005 6:56:28 F	(P)3.333	(P)460153.28	(P)487801.76	(P)15.333	(P)39.333	(P)38.000	31.333	90.000	381026.580
	SD of CCB4;CCB		(P)3.055	(P)7174.583	(P)5330.788	(P)7.572	(P)10.066	(P)3.464	5.774	9.165	2207.858

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Excluded In Calib	Excluded In Results	Peak Run Excluded	Multi Element	Semi Quant	Internal Standard	Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	6Li	7Li	9Be	11	23Na	24Mg	25Mg	26Mg	27Al	39K
	%RSD of CCB4;CCB		(P)1.382	(P)3.877	(P)72.111	(P)6.203	(P)3.999	(P)8.248	(P)9.548	(P)23.256	(P)3.109	(P)2.908

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Excluded In Calib	Excluded In Results	Peak Run Excluded	Multi Element	Semi Quant	Internal Standard	Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	44Ca	45Sc	47Ti	51V	52Cr	53Cr	54Fe	55Mn	59Co	60Ni
	%RSD of CCB4;CCB		(P)10.601	(P)1.182	(P)33.333	(P)7.318	(P)3.901	(P)7.693	(P)5.195	(P)11.180	(P)14.286	(P)17.321

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Excluded In Calib	Excluded In Results	Peak Run Excluded	Multi Element	Semi Quant	Internal Standard	Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	62	65Cu	66Zn	75As	76Se	77Ar Cl	78Se	82	83Kr	89Y
	%RSD of CCB4;CCB		(P)15.250	(P)30.929	(P)7.877	(P)8.986	(P)4.422	(P)13.925	(P)4.855	(P)6.122	(P)2.568	(P)0.477

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Excluded In Calib	Excluded In Results	Peak Run Excluded	Multi Element	Semi Quant	Internal Standard	Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	95Mo	103Rh	106Pd	107Ag	108Pd	111Cd	113In	115In	121Sb	123Sb
	%RSD of CCB4;CCB		(P)62.450	(P)1.323	(P)10.021	(P)45.826	(P)100.000	(P)86.603	(P)0.625	(P)1.629	(P)34.962	(P)20.143

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Excluded In Calib	Excluded In Results	Peak Run Excluded	Multi Element	Semi Quant	Internal Standard	Standard Addition

Uncorrected ICPS Per Mass

S-Calibration Has Edited Standard
F-Interference Correction Failed
E-Calibration Edited
T-Tripped
I-Invalid Calibration
P-Pulse Counting
V-Valley Integration Failed
M-Result Over Max

Run	Label	TimeStamp	137Ba	159Tb	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
	%RSD of CCB4;CCB		(P)91.652	(P)1.559	(P)1.093	(P)49.382	(P)25.593	(P)9.116	18.426	10.184	0.579

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SOW: ILM05.3 - MS

LWHB

14 day (H)

Sentinel, Inc.

SAMPLE PREPARATION

HOT BLOCK

BATCH SHEET
FOR WATERS
ICP-MS

DATE: 10/21/05 PREP METHOD: HW2 SAMPLE TYPE: LW

B

SDG NO.: MH1FZ3 ANALYSIS METHOD: MS ANALYST: JB

CASE NO.: 34642 BATCH NO: 1 RUN NO.: 1

	BATCH NO.	LAB ID NUMBER	SAMPLE DESCRIPTION	Initial Volume,mL	Final Volume, mL	Sample pH	Date Analyzed	Sample Prep. Initials
1		PBW	PBW	100	50	N/A	10/25/05	JB
2		LCSW	LCSW	100	50	N/A		
3	QC	16351	MH1FZ3	100	50	<2		
4	QC	16351D	MH1FZ3D	100	50	<2		
5	QC	16351S	MH1FZ3S	100	50	<2		
6		16352	MH1FZ5	100	50	<2		
7		16353	MH1FZ7	100	50	<2		
8		16354	MH1FZ9	100	50	<2		
9		16355	MH1G01	100	50	<2		
10		16356	MH1G03	100	50	<2		
11		16357	MH1G05	100	50	<2		
12		16358	MH1G07	100	50	<2		
13		16359	MH1G09	100	50	<2		
14		16360	MH1G11	100	50	<2		
15	~~FB~~	16361	MH1G33	100	50	<2		
16	~~FB~~	16362	MH1G34	100	50	<2		
17	~~FB~~	16363	MH1G35	100	50	<2		
18								
19								
20								
21								
22								
23								
24								
25								
26								

4 10/25/05

Reviewed By:

Jessica Both 10/21/05

Analyst/Date

Reviewed By:

11/1/05

QA Officer/Supervisor/Date

138

65

200

FedEx Express US Airbill

FedEx Tracking Number 8533 6028 7393

Form ID No. 0215

MUR12

Recipient's Copy

NO POUCH NEEDED.

See back for peel and stick application instructions.

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date 10/19/05 FedEx Tracking Number 853360287393

Sender's Name [illegible] Phone 601 264-2854

Company BONNER ANALYTICAL TESTING CORP

Address 2703 OAK GROVE RD Dept./Floor/Suite/Room

City HATTIESBURG State MS ZIP 39402-8946

L Cholewa 10/20/05

2 Your Internal Billing Reference 0955 -1.50CIB

3 To

Recipient's Name Lindsey Inlow Phone 256 534 1011

Company Sentinel, Inc.

Recipient's Address Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 111 Wilmington Ave N

To request a package be held at a specific FedEx location, print FedEx address here.

City [illegible] AL ZIP 35801

4a Express Package Service *Packages up to 150 lbs.* * To most locations

- [x] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location — Not available for FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages	Total Weight		Total Charges
3	172	[redacted]	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the *FedEx Service Guide* for details.

8 Sign to Authorize Delivery Without a Signature

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Z

0314700856

emp# 547085 19OCT05

FedEx PRIORITY OVERNIGHT

Master 8533 6028 7393 FORM 0215

001/003 MASTER MEM

Deliver By 20OCT05

35801 -AL -US 0955 XH HSVA

L Cholewa 10/20/05

Part # 150297-435 REV 03/05

134

FedEx Express — US Airbill

FedEx Tracking Number: 8533 6028 7393

From (Please print and press hard.)

Date: 10·19·05

Sender's FedEx Account Number: [redacted]

Sender's Name: Shannon Graves — Phone (601) 264-2854

Company: BONNER ANALYTICAL TESTING COM

Address: 2703 OAK GROVE RD — Dept./Floor/Suite/Room: L Cholewa 0955 10/20/05

City: HATTIESBURG — State: MS — ZIP: 39402-8946

Your Internal Billing Reference (first 24 characters will appear on invoice): OPTIONAL TB Q.OC

To

Recipient's Name: Lindsey Cholewa — Phone (256) 534-9800

Company: Sentinel, Inc.

Recipient's Address (We cannot deliver to P.O. boxes or P.O. ZIP codes.) — Dept./Floor/Suite/Room

Address: 116 Washington St., NE (To request a package be held at a specific FedEx location, print FedEx address here.)

City: Huntsville — State: AL — ZIP: 35801

Part # 157435 RIT 03/05

MUR12

From: 0215 — Sender's Copy

4a Express Package Service — Packages up to 150 lbs. (* To most locations)

- [X] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — Packages over 150 lbs. (** To most locations)

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging (* Declared value limit $500)

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling (Include FedEx address in Section 3.)

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? (One box must be checked.)

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment — Bill to: (Enter FedEx Acct. No. or Credit Card No. below.)

- [ ] Sender (Acct. No. in Section 1 will be billed.)
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No.: 2090 1103 4 — Exp. Date

Total Packages	Total Weight	Total Declared Value†
3		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

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emp# 547085 19OCT05 PRIORITY OVERNIGHT THU

FedEx

Master 8533 6028 7393 FORM 0215

002/003 MPS# 7933 0280 9110

Delivery By 20OCT05 AA 14700856

MEM

35801 AL-US 0955 XH HSVA

L Cholewa 10/20/05

Both #5 tested on DC-1. 10/20/05

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LAB ID #	EPA SAMPLE #	CASE #	SDG #	SAMP TYPE	DATE REC'D	TIME REC'D	CLIENT NAME	PARA-METERS	SAMPLE DESCR.	COMMENTS/ NOTES	TEMP °C	COLOR/ TEXTURE	SUL-FIDES	OXID.	PH	INIT
16340	MG1N78	34731	MG1N76	LW	10/15/05	0950	Reg7	Hg	P.E.	no tag	0.0, 0.0, 1.5	—	NA	NA	NA	LC
16341	Z9							Tm, Hg	water						<2, <2	
16342	MG1P00	34731	MG1P00	LW	10/15/05	0950	Reg7	DM, Hg	water QC	no tag	0.0, 0.0, 1.5	—	NA	NA	<2, <2, <2	LC
16343	01														<2, <2	
16344	02															
16345	03															
16346	04															
16347	05															
16348	06															
16349	07															
16350	MB35K7	34727	MB35K7	LW	10/18/05	0950	Reg2	DM	MW	no tag	4.5	—	NA	NA	<2	LC
16351	MH1FZ3	34642	MH1FZ3	LW	10/20/05	0955	Reg8	Tm	SW QC	no tag	-1.5, 0.0, 1.0	—	NA	NA	<2, <2	LC
16352	FZ5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	<2	↓
16353	FZ7															
16354	FZ9															
16355	G01															
16356	G03															
16357	G05															
16358	G07															
16359	G09															

LC 10/18/05

LC 10/21/05

Signed: L Chalewa Date: 10/20/05

* pH adjusted for this SDG to: TM/DM <2; CN >12

Reviewed By: MP Date: 10/31/05

LAB ID #	EPA SAMPLE #	CASE #	SDG #	SAMP TYPE	DATE REC'D	TIME REC'D	CLIENT NAME	PARA-METERS	SAMPLE DESCR.	COMMENTS/ NOTES	TEMP °C	COLOR/ TEXTURE	SUL-FIDES	OXID.	PH	INIT
16360	MHIG11	34642	MHIFZ3	LW	10/20/05	0955	Reg 8	TM	SW	no tags	-1.5, 0.0, 1.0	—	NA	NA	<2	LC
16361	33								~~FB~~ PE**							
16362	34								SW							
16363	35															
16364	MHIG13	34642	MHIG13	LW	10/20/05	0955	Reg 8	TM	SW QC	no tags	-1.5, 0.0, 1.0	—	NA	NA	<2, <2	LC
16365	15														<2	
16366	17															
16367	19															
16368	21															
16369	23															
16370	25															
16371	27											brown			<2, <2	
16372	29											—			<2	
16373	31															
16374	36								FB							
16375	37															
16376	38															
16377	39															
16378	MHIFZ4	34642	MHIFZ4	LW	10/20/05	0955	Reg 8	DM	SW QC	no tags	1.5, 0.0, 1.0	—	NA	NA	<2, <2	LC
16379	36														<2	

** Listed on COC / TR as PEs.

Signed 10/20/05 Date

* pH adjusted for this SDG to: TM/DM <2; CN >12

Reviewed By 10/31/05 Date

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10·19·05

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10·19·05

5h1

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10-19-05

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10-19-05

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10·19·05

Bonner Analytical Testing Company
Custody Seal

Name: Shannon Graves
Date: 10·19·05

Contract Laboratory Program

Sample Delivery Group (SDG) Cover Sheet

SDG Number MH1FZ3

☐ ICP-AES Analysis ☑ ICP-MS Analysis

Laboratory Name Sentinel, Inc. Laboratory Code SENTIN

Contract No. 68-W-02-060 TM Case No. 34642

Analysis Price 175.00 SDG Turnaround 14

USEPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH1FZ3	7) MH1G05	13) MH1G35	19)
2) MH1FZ5	8) MH1G07	14)	20)
3) MH1FZ7	9) MH1G09	15)	21)
4) MH1FZ9	10) MH1G11	16)	22)
5) MH1G01	11) MH1G33	17)	23)
6) MH1G03	12) MH1G34	18)	24)

First Sample in SDG: MH1FZ3

Last Sample in SDG: MH1G35

First Sample Receipt Date: 10/20/05

Last Sample Receipt Date: 10/20/05

Note: There are a maximum of 20 field samples (excluding PE samples) in an SDG. Attach TR/COC Records to this form in alphanumeric order (the order listed above on this form).

Signature [illegible] Date 10/20/05

14 day (H)

SOW: ILM05.3MS

Sentinel, Inc.

Sample Receipt

SDG TRACKING REPORT

Case No.: 34642

Sample Delivery Group: MH1FZ3

Laboratory ID Number	EPA Sample	Tracking Number	Date Received	pH TM	pH CN	QC FB PE	Matrix	Parameters	Initials
16351	MH1FZ3	no tags	10/20/2005	<2	NA	QC	LW	TM	LC
16352	MH1FZ5		10/20/2005	<2	NA		LW	TM	LC
16353	MH1FZ7		10/20/2005	<2	NA		LW	TM	LC
16354	MH1FZ9		10/20/2005	<2	NA		LW	TM	LC
16355	MH1G01		10/20/2005	<2	NA		LW	TM	LC
16356	MH1G03		10/20/2005	<2	NA		LW	TM	LC
16357	MH1G05		10/20/2005	<2	NA		LW	TM	LC
16358	MH1G07		10/20/2005	<2	NA		LW	TM	LC
16359	MH1G09		10/20/2005	<2	NA		LW	TM	LC
16360	MH1G11		10/20/2005	<2	NA	*	LW	TM	LC
16361	MH1G33		10/20/2005	<2	NA	~~PB~~	LW	TM	LC
16362	MH1G34		10/20/2005	<2	NA	~~PB~~	LW	TM	LC
16363	MH1G35		10/20/2005	<2	NA	~~PB~~	LW	TM	LC

LL 10/25/05

Notes: # see digestate tracking log

* PEs per LCC/TK

SDG Completion Date: 10/20/2005 Report Deadline: 10/29/2005

Analyst Check Out	Analyst Check Out	Analyst Check Out	Analyst Check Out	Analyst Check Out
JB 0953/10/21/05	/ /	/ /	/ /	/ /
Analyst Check In	Analyst Check In	Analyst Check In	Analyst Check In	Analyst Check In
JB 1008/10/21/05	/ /	/ /	/ /	/ /
Transfer to Lab	Transfer to Storage	Final Disposal	Transfer to Storage	Final Disposal
	- Sample	- Sample	- Digestates	- Digestates
Area: Cooler	Area:	Area:	Area:	Area:
Date: 10/20/05	Date:	Date:	Date:	Date:
By: LL	By:	By:	By:	By:

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Sentinel, Inc.

ILM05.3 **Sample Preparation**

HOT PLATE / BLOCK USAGE LOG
(92-95° C)

Internal Std. Lot # /Exp. Date: Y-MEB156125 09/06 @ 10uL/mL final vol.
AES Spike Sol'n Lot #'s /Exp. Date: 1. Y-CICP16067 06/06 2. Y-CICP16080 11/06
MS Spike Sol'n Lot #'s /Exp. Date: 1. X-MEB156055 12/05 2. X-CICP14056 06/06
LCSW Lot # : 1201 : AES - 5mL ICV-1 / MS - 2mL ICV-1
LCSS Lot # : 0405 1.00g
Spike Concentrations are per SOW pages D-34/ICP-AES and D-35/ICP-MS
Spike Volume Added: HW1) 1 uL of each spike solution/mL final sample vol.
Spike Volume Added: HS1) 2uL of each spike solution/mL final sample vol.
Spike Volume Added: HW2) 2 uL of each spike/mL of final vol.

BATCH #	DATE	TIME IN/OUT	MS/AES	TEMP SETTING (Deg C)	TEMP READING (Deg C)	HOT* PLATE/ BLOCK #	ANALYST INITIALS	SUPER-VISORY INITIALS
MJ68G9	10/19/05	1420 - 1620	AES	123	95	B	JB	DW
MJ68H8	↓	↓	↓	↓	94	A	↓	↓
MY2513	10/20/05	1313 - 1443	AES	135	92	C	JB	—
MY2531	↓	1400 - 1630	MS	134	94	F	↓	↓
MB35H5	↓	↓	↓	↓	92	E	↓	↓
MG1P00	10/21/05	1030 - 1300	MS	135	93	F	JB	—
MH1FZ3	↓	↓	↓	↓	95	E	↓	↓
MG1NY6	↓	1230 - 1500	↓	↓	95	C	↓	↓
MH1G13	↓	↓	↓	↓	↓	D	↓	↓
MY2744	10/24/05	1003 - 1203	AES	123	95	A	JB	—
MY2723	↓	↓	↓	125	↓	B	JB	↓
MY2722	↓	1125 - 1335	↓	125	95	B	↓	↓
MY2745	↓	↓	↓	123	94	A	↓	↓
MY2742	10/24/05	1410 - 1640	MS	134	93	E	JB	↓
MH1FZ4	↓	↓	↓	↓	95	F	↓	↓
~~M~~								

JB 10/25/05 ZZZZZZ

* Hot Plates denoted by #'s.
* Hot Blocks denoted by letters.

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Sentinel, Inc.

ILM05.3 Analysis Preparation

ICP MS STANDARDS LOG

TUNE SOLN. LOT#/EXP.DATE: Be: YBE01/07 12/06 MG: XQMG02149 12/06 Co: XC001123 12/06
LOT #/EXP.DATE: In: YIN01059 Pb: XPB02118 12/06 Li: XLI02079 12/06 Ui YQU01075 12/06
ICV LOT #/EXP.DATE: 1201 CRI LOT #/EXP.DATE: XME315 00047 06/06
ICSA LOT #/EXP.DATE: 803 05/06 STD 200/CCV LOT#/EXP.DATE: ME315 00068 05/06
ICSAB LOT #/EXP.DATE: 803 05/06
Optima Nitric Acid LOT#/EXP.DATE (For STD 0; ICB; CCB): 12050200

DATE	TUNE CRITERIA MET	TUNE SOLN.	STD 0; ICB; CCB	STD 200	ICV	CRI	ICSA	ICSAB	CCV	CONES REPLACED	COMMENTS	ANALYST INITIALS	SUPERVISORY INITIALS
10/25/05	✓		✓							✓	None	[illegible]	DW
10/26/05	✓										None	MVK	DW
10/28/05	✓										None	[illegible]	—
10/29/05	✓		✓								None	[illegible]	DW
10/30/05	✓		✓		✓	✓	✓	✓			None	[illegible]	↓
10/31/05	✓		✓								None	[illegible]	↓
11/1/05	✓	✓									None	[illegible]	DW

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Sentinel, Inc.

ILM05.~~2~~ 3
DW
10/24/05

Sample Analysis

ICP MS USE LOG

DATE	SDG NUMBER	RUN NUMBER	ICP #	START TIME	END TIME	COMMENTS	ANALYST INITIALS	SUPER-VISORY INITIALS
10/24/05	MG1NM3	0529701	M1	0156	0444	none	MK	DW
↓	MY2531	↓ 02	↓	0449	0818	↓	↓	↓
10/25/05	MC0035	0528721	M1	0817	1059	Dilution	MK	DW
	↓ 34	0528821				Dilutions		
	↓ 21	not used				not used		
	MY23R5	0529513				Dilutions + pspk		
	↓ R4	0529522				Dilutions		
	MY2595	0529511				postspike		
↓	MG1NK2	not used	↓	↓	↓	not used	↓	↓
10/25/05	MY23T6	not used	M1	1105	1305	not used	MK	DW
	MH1FZ3	0529801		1512	1856	none		
	↓ G13	↓ 02		1902	2252	↓		
↓	MB35H5	not used	↓	1310	1507	not used	↓	↓
10/26/05	MY23T6	0529524	M1	1123	1322	none	MK	DW
10/28/05	MY2530	0529617	M1	1119	1253	Dilutions	MK	DW
↓	↓ 31	0529712	↓	↓	↓	↓	↓	↓
10/28/05	MG1NY6		M1	1519	1858		MK	DW
	MG1P00			1903	2157			
↓	MH1FZ4	0530103	↓	2313	0353	none	↓	↓
10/29/05	MY2743	0530201	M1	0402	0706	none	MK	DW
	MB35K7	0530202		0714	0957	none		
	MJ6658			↓	↓			
↓	MY2742		↓	1011	1304		↓	↓

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Lindsey Cholewa

From: "Brown, Jessica" <jbrown208@fedcsc.com>
To: <dwoods@sentinellab.com>; <lcholewa@sentinellab.com>; <sample_receipt@sentinellab.com>
Cc: "Carol Beard (E-mail)" <beard.carol@epa.gov>
Sent: Friday, October 21, 2005 1:53 PM
Subject: Region 08 | Case 34642 | Lab SENTIN | Issue Multiple | FINAL

Lindsey, please find the updates to your issues below.

Issue 1: Today the lab received 20 filtered water samples, 20 non-filtered samples and 7 PE waters. The PE waters look just like the rest of the water samples, and there are no instructions included. I have never seen PE's not come in the QAT's small containers. Can you please find out what the lab is to do with those 7 samples?
Resolution 1: Per Region 8, the Laboratory is to treat these "PE" samples just like the other samples and analyze them accordingly. The Lab should screen the TR/COCs and analyze all samples appropriately.
Updated Resolution: Per Region 8, please consider the samples as regular field samples and proceed as scheduled

Issue 2: There are no QC samples listed on the TR, so the lab will chose those. Right now, with the 2 groups MH1FZ3, and Z4, it looks (because of sufficient volumes) that those samples (MH1FZ3 and MH1FZ4) will be the QC samples.
Updated Issue: For SDG MH1G13 the QC sample chosen was sample MH1G13.
Resolution 2: Per Region 8, the Laboratory can use the referenced samples for QC, and note the issue in the SDG Narrative.
Updated Resolution: Per Region 8, this is acceptable. Please note the issue in the SDG Narrative and proceed.

Issue 4: Sample tags were not received.
Resolution 4: Per Region 8, please proceed using the information on the labels, note the issue in the SDG Narrative, and proceed with the analysis of the samples.

Please let me know if you have any additional questions.

Thanks,

DG

-----Phone Documentation-----
On 10/21/05 David Garey, SMO, spoke with Carol Beard, Region 8 regarding the issues below. Carol indicated that for Issue 1 below, the Lab should consider these samples as regular field samples and proceed as scheduled. For the additional Issue 4 below, the Lab should proceed using the information on the labels, note the issue in the SDG Narrative and proceed with the analysis. Furthermore, the Lab's QC designation is acceptable.

-----Original Message-----
From: Brown, Jessica
Sent: Friday, October 21, 2005 2:25 PM
To: Carol Beard (E-mail)
Subject: Region 08 | Case 34642 | Lab SENTIN | Issue Multiple |

This is David Garey. Jessica is out of the office.

Carol, the Lab is asking for clarification on the resolution to Issue 1 below. They are also reporting some additional issues, per their email below.

-----Original Message-----
From: Lindsey Cholewa [mailto:lcholewa@sentinellab.com]
Sent: Friday, October 21, 2005 10:21 AM
To: Brown, Jessica
Subject: Re: Region 08 | Case 34642 | Lab SENTIN | Issue Multiple | FINAL

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Hi guys-

Here are a few more issues for case 34642:

4.None of the samples had sample tags.

2. For SDG MH1G13 the QC sample chosen was sample MH1G13. The previous QC selections were made as stated below.

And can you please clarify the PE sample issue, which I have already sent out? (The PE samples are really field QC's).

Thanks,
Lindsey

-----Original Message-----
From: Lindsey Cholewa [mailto:lcholewa@sentinellab.com]
Sent: Friday, October 21, 2005 9:33 AM
To: Brown, Jessica
Subject: Re: Region 08 | Case 34642 | Lab SENTIN | Issue Multiple | FINAL
Hi Jess/David-

I had spoke with Jess on the phone yesterday (10/20) and she had said that the samples listed as "PE" samples were field blanks, is this true?

Lindsey

-----Original Message-----
From: Brown, Jessica
Sent: Thursday, October 20, 2005 4:36 PM
To: dwoods@sentinellab.com; lcholewa@sentinellab.com; sample_receipt@sentinellab.com
Cc: Carol Beard (E-mail)
Subject: Region 08 | Case 34642 | Lab SENTIN | Issue Multiple | FINAL

This is David Garey. Jessica is currently out of the office.

Lindsey, please find below your resolutions.

Discrepancies with tags, jars, and/or TR/COC

Issue 1: Today the lab received 20 filtered water samples, 20 non-filtered samples and 7 PE waters. The PE waters look just like the rest of the water samples, and there are no instructions included. I have never seen PE's not come in the QAT's small containers. Can you please find out what the lab is to do with those 7 samples?
Resolution 1: Per Region 8, the Laboratory is to treat these "PE" samples just like the other samples and analyze them accordingly. The Lab should screen the TR/COCs and analyze all samples appropriately.

Insufficient/inappropriate designation of laboratory QC

Issue 2: There are no QC samples listed on the TR, so the lab will chose those. Right now, with the 2 groups MH1FZ3, and Z4, it looks (because of sufficient volumes) that those samples (MH1FZ3 and MH1FZ4) will be the QC samples.
Resolution 2: Per Region 8, the Laboratory can use the referenced samples for QC, and note the issue in the SDG Narrative.

Discrepancies with tags, jars, and/or TR/COC

Issue 3: Finally, the TR's the lab received list the analysis for AES metals. The lab assumes this is incorrect and that the samples were transshipped from BONNER to SENTIN to analyze for ICP-MS metals, with a 14 day TAT.
Resolution 3: Per Region 8, the Laboratory will analyze for ICP-MS with a 14 day turnaround time.

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Thanks,

DG

-----Original Message-----
From: Beard.Carol@epamail.epa.gov [mailto:Beard.Carol@epamail.epa.gov]
Sent: Thursday, October 20, 2005 4:29 PM
To: Brown, Jessica
Subject: Re: Region 08 | Case 34642 | Lab SENTIN | Issue

Jessica/David - In response to the issues below:
1.) The laboratory is to treat these "PE" samples just like the other samples and analyze them.
The lab should screen the TR/COCs and analyze all samples appropriately.
2.) The laboratory can use the referenced samples (below) for QC and note this in the case narrative.
3.)The lab will analyze for ICP-MS with a 14 day TAT.

-----Original Message-----
From: Brown, Jessica
Sent: Thursday, October 20, 2005 12:53 PM
To: Carol Beard (E-mail)
Subject: Region 08 | Case 34642 | Lab SENTIN | Issue

Carol,

Please advise on the following issues from SENTIN regarding Case 34642.

Thanks,
Jessica

Jessica Brown
Environmental Scientist
Computer Sciences Corporation
Phone: (703) 818-4215; Fax: (703) 818-4602
jbrown208@fedcsc.com
Office Hours: 8AM - 4PM

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-----Original Message-----
From: Lindsey Cholewa [mailto:lcholewa@sentinellab.com]
Sent: Thursday, October 20, 2005 12:15 PM
To: Jessica Brown
Subject: case 34642

Hi Jess-

Hopefully you already got my message and are figuring out the PE situation for me. If not, here are the issues with the samples from BONNER for case 34642.

1. Today the lab received 20 filtered water samples, 20 non-filtered samples and 7 PE waters. The PE waters look just like the rest of the water samples, and there are no instructions included. I have never seen PE's not come in the QAT's small containers. Can you please find out what the lab is to do with those 7 samples?

2. There are no QC samples listed on the TR, so the lab will chose those. Right now, with the 2 groups MH1FZ3, and Z4, it looks (because of sufficient volumes) that those samples (MH1FZ3 and MH1FZ4) will be the QC samples.

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3. Finally, the TR's the lab received list the analysis for AES metals. The lab assumes this is incorrect and that the samples were

transshipped from BONNER to SENTIN to analyze for ICP-MS metals, with a 14 day TAT.

Thanks,
Lindsey

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Daphne Woods

From: <WWA@epaibm.RTPNC.EPA.GOV>
To: <DOC_CONTROL@SENTINELLAB.COM>; <DWOODS@SENTINELLAB.COM>; <WEBCCS@FEDCSC.COM>
Sent: Tuesday, November 01, 2005 3:43 PM
Subject: SMOM.WEB.DE.A34642.W02060.MH1FZ3.Z011640.HTM 11/01/2005 16:40

This is from an automated system, please **do not reply** to this email.

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SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS

DRD:11/01/2005 CASE:34642 LAB:SENTIN CONTRACT:68W02060 SDG:MH1FZ3 MAILDATE1:11/01/2005 MAILDATE2:11/01/2005

S C R E E N I N G P A C K A G E
S U M M A R Y I N F O R M A T I O N

ILM05.3
MS

SDG: MH1FZ3

CASE: 34642

LAB: SENTIN

CONTRACT: 68W02060

REGION: 8

DRD: 11/01/2005

MAIL DATE 1: 11/01/2005

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U.S.E.P.A. CONTRACT LABORATORY PROGRAM 16:42 Tuesday, November 1, 2005
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS WEB-CCS

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THE WEB-CCS SOFTWARE IS AVAILABLE ON THE WORLD WIDE WEB AT
http://mssiis2.dyncorp.com/webccs/index.cfm
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-43023
IF YOU HAVE ANY QUESTIONS.

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U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

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DRD:11/01/2005 CASE:34642 LAB:SENTIN CONTRACT:68W02060 SDG:MH1FZ3 MAILDATE1:11/01/2005 MAILDATE2:11/01/2005

CAUTION: THESE DEFECTS MAY MASK OTHER DEFECTS. AFTER CORRECTING ANY DEFECT PLEASE PROCESS THE DATA THROUGH WEB-CCS. THE CMH COLUMN INDICATES SAMPLE ANALYSIS FOR CYANIDE, METALS OR MERCURY.

SAMPLE	CMH	DATA	ICV/ CCV	CRQL	ICB/ CCB	PREP- BLANK	ICS	POST DIG. SPIKE	DUP	LCS	SER. DIL.	MDL	AES IEC	LIN. RANGE	PREP. DATA	RUN SEQ.	MS TUNE	MS INT STDS	MAN- UAL
LCSW	M							1											
MH1FZ3	M							1											
MH1FZ3D	M							1											
MH1FZ3S	M							1											
MH1FZ5	M							1											
MH1FZ7	M							1											
MH1FZ9	M							1											
MH1G01	M							1											
MH1G03	M							1											
MH1G05	M							1											
MH1G07	M							1											
MH1G09	M							1											
MH1G11	M			1				1											
MH1G33	M			1				1											
MH1G34	M			1				1											
MH1G35	M			1				1											

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U.S.E.P.A. CONTRACT LABORATORY PROGRAM
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TECHNICAL DEFECT FREQUENCY REPORT

THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE TECHNICAL DEFECTS PRESENT IN THIS SDG.

CRITERIA	DEFECT MESSAGE	NUMBER OF DEFECTS	PERCENT OF TOTAL DEFECTS
AC02.1	CRI found value is missing. (B-3.4.4.2.3/5;H-9.6)	4	20.00
AF04.3	ICSA result is outside the +/-3xCRQL or +/-20% control limit for ICP-MS analyte. (MS, D-12.6.4)	16	80.00
TOTAL		20	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
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DRD:11/01/2005 CASE:34642 LAB:SENTIN CONTRACT:68W02060 SDG:MH1FZ3 MAILDATE1:11/01/2005 MAILDATE2:11/01/2005

TEXTUAL DEFECT REPORT

RUN	SAMPLE WITH DEF	ANALYTE	METHOD	REPORTED DATA	EXPECTED DATA	CHECKSUM	DEFECT CODE	SAMPLES CODED	ANALYSIS DATE	TIME
CRI found value is missing. (B-3.4.4.2.3/5;H-9.6)										
1		7440-38-2	MS			01821BDAE	AC02.1	MH1G11		
1		7440-38-2	MS			01821BDAE	AC02.1	MH1G33		
1		7440-38-2	MS			01821BDAE	AC02.1	MH1G34		
1		7440-38-2	MS			01821BDAE	AC02.1	MH1G35		
ICSA result is outside the +/-3xCRQL or +/-20% control limit for ICP-MS analyte. (MS, D-12.6.4)										
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	LCSW		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ3		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ3D		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ3S		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ5		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ7		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1FZ9		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G01		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G03		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G05		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G07		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G09		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G11		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G33		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G34		
1	ICSA	7440-66-6	MS	17.3	5-17	00416A3FA	AF04.3	MH1G35		

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