CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME : RFP 085

WESTON SOLUTIONS, INC.
Raritan Plaza Suite 201
1090 King Georges Post Road
Edison , NJ - 08837-3703
Phone No: 7322256116

A FULL SERVICE ENVIRONMENTAL LABORATORY
EXPRESS THE DIFFERENCE

ORDER ID : Z5921
ATTENTION : Smita Sumbaly

RECEIVED
JAN - 5 2009
By

229066

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-3

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-01

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.041	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-4

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-02

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.046	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-5

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-03

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.057	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-6

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-04

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.073			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-7

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-05

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.053	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-BK01

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-06

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.721	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-BK-1

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-07

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.379			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-FB

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-08

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-FB1218

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-09

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-LB

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-10

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-RST-1218

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-11

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.237	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-RST2

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-12

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.071	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: **Z5921** Order ID: Z5921

Client: **Weston Solutions, Inc.** Project ID: **RFP 085**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**JW-LD-3**							
Z5921-01	JW-LD-3	AIR	Lead	0.041	J	0.058	0.030	ug/M3
Client ID:	**JW-LD-4**							
Z5921-02	JW-LD-4	AIR	Lead	0.046	J	0.059	0.031	ug/M3
Client ID:	**JW-LD-5**							
Z5921-03	JW-LD-5	AIR	Lead	0.057	J	0.060	0.031	ug/M3
Client ID:	**JW-LD-6**							
Z5921-04	JW-LD-6	AIR	Lead	0.073		0.057	0.030	ug/M3
Client ID:	**JW-LD-7**							
Z5921-05	JW-LD-7	AIR	Lead	0.053	J	0.057	0.029	ug/M3
Client ID:	**JW-LD-BK01**							
Z5921-06	JW-LD-BK01	AIR	Lead	0.721	J	1.280	0.660	ug/M3
Client ID:	**JW-LD-BK-1**							
Z5921-07	JW-LD-BK-1	AIR	Lead	0.379		0.075	0.039	ug/M3
Client ID:	**JW-LD-RST-1218**							
Z5921-11	JW-LD-RST-1218	AIR	Lead	0.237	J	0.260	0.134	ug/M3
Client ID:	**JW-LD-RST2**							
Z5921-12	JW-LD-RST2	AIR	Lead	0.071	J	0.075	0.039	ug/M3

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

DATA PACKAGE FOR

METALS

PROJECT NAME : RFP 085

WESTON SOLUTIONS, INC.
Raritan Plaza Suite 201
1090 King Georges Post Road
Edison , NJ - 08837-3703
Phone No: 7322256116

CHEMTECH PROJECT N **Z5921**
ATTENTION: **Smita Sumbaly**

A FULL SERVICE ENVIRONMENTAL LABORATORY
EXPRESS... THE DIFFERENCE

RECEIVED
JAN - 6 2009
By

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: RFP 085

OrderID: Z5921

CustomerName: Weston Solutions, Inc.

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z5921-01	JW-LD-3
Z5921-02	JW-LD-4
Z5921-03	JW-LD-5
Z5921-04	JW-LD-6
Z5921-05	JW-LD-7
Z5921-06	JW-LD-BK01
Z5921-07	JW-LD-BK-1
Z5921-08	JW-LD-FB
Z5921-09	JW-LD-FB1218
Z5921-10	JW-LD-LB
Z5921-11	JW-LD-RST-1218
Z5921-12	JW-LD-RST2

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes

Date: 2009.01.05 15:56:46 -05'00'

Name: Mildred V. Reyes

I am ~~approving this document~~

Title:

NYDOH CERTIFICATION NO.11376

NJDEP CERTIFICATION NO. 20012

Table of Contents

METALS DATA 6

METALS SAMPLE DATA 7

METALS CALIBRATION DATA 20

METALS QC DATA 28

METALS PREPARATION & INSTRUMENT DATA 34

METALS RAW DATA 52

SHIPPING AND RECEIVING DOCUMENTATION 128

END OF ANALYTICAL RESULTS 132

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

February 11, 2009

Weston Solutions, Inc.
Raritan Plaza Suite 201
1090 King Georges Post Road
Edison, NJ 08837-3703

Attn: Smita Sumbaly

Re: Project ID: RFP 085
Chemtech Project # Z5921

Enclosed please find the revised Case Narrative and Non-conformance sheet, as per your request. The pages are numbered. Please replace the old data.

Please do not hesitate to contact us if we can be of further service. We appreciate your patience in this matter.

Sincerely,

Krupa Dubey
QA/QC Director
CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092
(908) 789-8900 Ext. 208
www.chemtech.net

SERVICE ENVIRONMENTAL LABORATORY
EXPRESS... THE DIFFERENCE

CHEMTECH

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 085
Project # N/A
Chemtech Project # Z5921

A. Number of Samples and Date of Receipt:
12 Air samples were received on 12/19/08.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Metals Group3. This data package contains results for Metals Group3.

C. Analytical Techniques:
The analysis of Metals Group3 was based on method 7300/6010B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

Mildred V. Reyes
I am approving this document
2009.02.10 15:21:18 -05'00'

CHEMTECH

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 085
Project # N/A
Chemtech Project # Z5921

A. Number of Samples and Date of Receipt:
12 Air samples were received on 12/19/08.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: and Metals Group3. This data package contains results for Metals Group3.

C. Analytical Techniques:
The analysis of Metals Group3 was based on method 7300/6010B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
~~The Matrix Spike analysis met criteria for all samples.~~
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

Mildred V. Reyes
I am approving this document
2009.01.05 15:56:09 -05'00'

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Inorganic

DATA REPORTING QUALIFIERS

For reporting results, the following " Results Qualifiers" are used:

J	If the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	If the analyte was analyzed for, but not detected.
E	The reported value is estimated because of the presence of interference
M	Duplicate injection precision not met.
N	Spiked sample recovery not within control limits.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while absorbance is less that 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Correlation coefficient for the MSA is less than 0.995.
***	Entering "S", "W " or " +" is mutually exclusive. NO combination of these qualifiers can appear in the same field for an analyte.
D	The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers "P" for ICP instrument "A" for Flame AA "PM" for ICP when Microwave Digestion is used "AM" for flame AA when Microwave Digestion is used "FM" for furnace AA when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometric "AS" for Semi -Automated Spectrophotometric "C" for Manual Spectrophotometric "T" for Titrimetric "NR" for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

CHEMTECH

METALS

DATA

CHEMTECH

METALS SAMPLE DATA

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-3

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-01

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.041	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-4

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-02

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.046	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-5

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-03

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.057	J		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-6

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-04

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.073			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-7

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-05

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.053	J		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-BK01

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-06

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.721	J		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-BK-1

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-07

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.379			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-FB

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-08

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-FB1218

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-09

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-LB

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-10

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/FILTE

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.042	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-RST-1218

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-11

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.237	J		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JW-LD-RST2

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): AIR Lab Sample ID: Z5921-12

Level (low/med): LOW Date Received: 12/19/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/M3

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.071	J		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

CHEMTECH

METALS CALIBRATION DATA

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Lead	996.0	1058.40	106.3	5000.0	4988.50	99.8	5034.70	100.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Lead				5000.0	4995.30	99.9	4911.20	98.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Lead				5000.0	4789.80	95.8	4679.20	93.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG No.: Z5921

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Lead	200.0	229.70	114.8	228.73	114.4

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

Metals

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Lead	0	61	6.9		58.6	96.1	7.0		58.5	95.9

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Lead	0	61	6.9		58.6	96.1

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Lead	0	61	7.0		58.5	95.9

CHEMTECH

METALS
QC DATA

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Lead	6.0	U	6.0	U	6.0	U	6.0	U	0.600	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Lead			6.0	U	6.0	U	6.0	U			P

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

PB38738BSD

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0 % Solids for Duplicate: 100.0

Concentration Units: (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Lead		110.0		108.6		1.3		P

Metals

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No: Z5921 SDG NO.: Z5921

Solid LCS Source: EPA-ICV

Aqueous LCS Source:

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Lead				100.0	110.0		80.0	120.0	110.0

Metals

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No: Z5921 SDG NO.: Z5921

Solid LCS Source: EPA-ICV

Aqueous LCS Source:

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Lead				100.0	108.6		80.0	120.0	108.6

CHEMTECH

METALS PREPARATION & INSTRUMENT DATA

Metals

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Instrument Type: P Instrument ID: P4 Date: 04/14/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Lead	220.35	6.0	3.10

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Instrument Type: P Instrument ID: P4 Date: 04/14/2008

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Lead	220.35	6.0	3.10

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

Instrument Type: P Instrument ID: P4 Date: 04/14/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Lead	220.35	0.60	0.44

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

Metals

11-IN

ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG NO.: Z5921

ICP Instrument ID: P4 Date: 10/15/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Lead	10.00	105000.0	P

Comments:

Form XI-IN

12

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 SAS No.: Z5921 SDG No.: Z5921

Method: MS

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PB38738BL	12/24/2008	0.07	100.0
PB38738BS	12/24/2008	0.07	100.0
PB38738BSD	12/24/2008	0.07	100.0
JW-LD-3	12/24/2008	WHOLE FILTER	7.0
JW-LD-4	12/24/2008	WHOLE FILTER	7.0
JW-LD-5	12/24/2008	WHOLE FILTER	7.0
JW-LD-6	12/24/2008	WHOLE FILTER	7.0
JW-LD-7	12/24/2008	WHOLE FILTER	7.0
JW-LD-BK01	12/24/2008	WHOLE FILTER	7.0
JW-LD-BK-1	12/24/2008	WHOLE FILTER	7.0
JW-LD-FB	12/24/2008	WHOLE FILTER	7.0
JW-LD-FB1218	12/24/2008	WHOLE FILTER	7.0
JW-LD-LB	12/24/2008	WHOLE FILTER	7.0
JW-LD-RST-1218	12/24/2008	WHOLE FILTER	7.0
JW-LD-RST2	12/24/2008	WHOLE FILTER	7.0

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG No.: Z5921

Instrument ID: P4 Analysis Method: P

Start Date: 12/29/2008 End Date: 12/29/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0857												X												
S1A	1.00	0901												X												
S1B	1.00	0905																								
S1	1.00	0908												X												
S2	1.00	0911												X												
S	1.00	0919												X												
ICV01	1.00	0933												X												
ICB01	1.00	0940												X												
CRI01	1.00	0943												X												
ICS-A01	1.00	0953												X												
ICS-AB01	1.00	0956												X												
CCV01	1.00	0959												X												
CCB01	1.00	1001												X												
ZZZZZZ	1.00	1007																								
ZZZZZZ	1.00	1010																								
ZZZZZZ	1.00	1017																								
ZZZZZZ	1.00	1019																								
ZZZZZZ	5.00	1022																								
ZZZZZZ	1.00	1029																								
ZZZZZZ	1.00	1032																								
ZZZZZZ	1.00	1035																								
ZZZZZZ	1.00	1037																								
ZZZZZZ	1.00	1039																								
CCV02	1.00	1041												X												
CCB02	1.00	1043												X												
ZZZZZZ	1.00	1047																								
ZZZZZZ	1.00	1051																								
ZZZZZZ	1.00	1053																								
ZZZZZZ	1.00	1055																								
ZZZZZZ	1.00	1100																								
ZZZZZZ	1.00	1102																								
ZZZZZZ	1.00	1104																								
PB38738BL	1.00	1108												X												
PB38738BS	1.00	1112												X												
PB38738BSD	1.00	1114												X												

Form XIII-IN

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Weston Solutions, Inc.

Lab Code: CTECH Case No.: Z5921 NRAS No.: Z5921 SDG No.: Z5921

Instrument ID: P4 Analysis Method: P

Start Date: 12/29/2008 End Date: 12/29/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV03	1.00	1116												X												
CCB03	1.00	1118												X												
JW-LD-3	1.00	1121												X												
JW-LD-4	1.00	1123												X												
JW-LD-5	1.00	1125												X												
JW-LD-6	1.00	1127												X												
JW-LD-7	1.00	1129												X												
JW-LD-BK01	1.00	1132												X												
JW-LD-BK-1	1.00	1136												X												
JW-LD-FB	1.00	1137												X												
JW-LD-FB1218	1.00	1141												X												
JW-LD-LB	1.00	1144												X												
CCV04	1.00	1152												X												
CCB04	1.00	1156												X												
JW-LD-RST-1218	1.00	1159												X												
JW-LD-RST2	1.00	1203												X												
ZZZZZZ	1.00	1205																								
ZZZZZZ	1.00	1207																								
ZZZZZZ	1.00	1209																								
ZZZZZZ	1.00	1213																								
ZZZZZZ	5.00	1218																								
ZZZZZZ	1.00	1220																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	1.00	1225																								
CCV05	1.00	1228												X												
CCB05	1.00	1231												X												
CRI02	1.00	1233												X												
ICS-A02	1.00	1240												X												
ICS-AB02	1.00	1247												X												
CCV06	1.00	1253												X												
CCB06	1.00	1255												X												

CHEMTECH

METALS
RAW DATA

Sample Name: S0 Acquired: 12/29/2008 08:57:48 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00333	-.89000	.92667	.16667	.55667	93.700	-330.66	2.3000
Stddev	.55154	.02357	.52797	.07071	.62697	4.596	18.73	1.4142
%RSD	16546.	2.6483	56.976	42.426	112.63	4.9052	5.6645	61.488
#1	.38667	-.90667	.55333	.21667	.11333	90.450	-343.90	3.3000
#2	-.39333	-.87333	1.3000	.11667	1.0000	96.950	-317.41	1.3000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.13167	.01284	.23750	1.2467	-.50833	.79782	.57393	-1.7579
Stddev	.40776	2.6624	.90156	.2074	.37005	.77558	2.9623	.0877
%RSD	309.69	20730.	379.60	16.638	72.797	97.212	516.15	4.9868
#1	-.42000	1.8955	-.40000	1.3933	-.77000	.24940	2.6686	-1.6959
#2	.15667	-1.8698	.87500	1.1000	-.24667	1.3462	-1.5207	-1.8199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-1.0900	1.9625	9.1271	1.1500	-.46333	1.9076	.63833	-.10000
Stddev	.2216	.5127	5.6800	.0000	.51854	.1240	.31348	.56569
%RSD	20.327	26.122	62.233	.00000	111.92	6.4984	49.110	565.69
#1	-1.2467	1.6000	13.143	1.1500	-.09667	1.9952	.86000	.30000
#2	-.93333	2.3250	5.1107	1.1500	-.83000	1.8199	.41667	-.50000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.8750	.14923	4.6900	.19977	-25.211
Stddev	.6670	2.6941	.1603	2.0806	8.435
%RSD	13.683	1805.3	3.4174	1041.5	33.459
#1	4.4033	-1.7558	4.5767	1.6710	-31.175
#2	5.3467	2.0542	4.8033	-1.2714	-19.246

Sample Name: S1A Acquired: 12/29/2008 09:01:06 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	20.577	38.490	36.053	17.725	31.093	348.70	4683.8	96.350	234.59
Stddev	.354	.665	.462	.210	.160	.21	24.3	3.606	1.08
%RSD	1.7182	1.7269	1.2814	1.1835	.51547	.06084	.51893	3.7429	.46218
#1	20.827	38.960	35.727	17.577	31.207	348.85	4701.0	93.800	233.82
#2	20.327	38.020	36.380	17.873	30.980	348.55	4666.6	98.900	235.36

Elem	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Ni2316	Ag3280	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.012	81.487	29.258	29.022	197.06	49.303	227.86	300.30	61.527
Stddev	.265	.839	1.058	1.501	.19	.561	2.17	3.04	1.447
%RSD	.35827	1.0297	3.6171	5.1733	.09736	1.1378	.95424	1.0125	2.3522
#1	73.825	80.893	28.510	27.961	196.92	48.907	226.33	298.15	62.550
#2	74.200	82.080	30.007	30.084	197.19	49.700	229.40	302.45	60.503

Elem	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.98	194.63	18.838	10.527	44.665	321.26	1400.5
Stddev	.59	.04	.262	.861	.285	1.25	3.8
%RSD	.37597	.01817	1.3888	8.1764	.63853	.39046	.27062
#1	157.56	194.65	18.653	9.9183	44.867	322.14	1403.2
#2	158.40	194.60	19.023	11.136	44.463	320.37	1397.8

Sample Name: S1B Acquired: 12/29/2008 09:05:17 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.4	486.35	8438.3	2901.2
Stddev	5.1	1.97	40.6	28.1
%RSD	.31198	.40456	.48125	.96899
#1	1620.8	484.96	8409.6	2881.3
#2	1628.0	487.74	8467.1	2921.1

Sample Name: S1 Acquired: 12/29/2008 09:08:05 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	532.90	978.47	894.02	426.92	792.57	6649.6	136960.	2397.1
Stddev	.56	3.12	1.89	2.89	1.02	3.5	318.	6.0
%RSD	.10597	.31854	.21095	.67700	.12887	.05317	.23192	.25221
#1	533.30	976.27	892.69	428.96	793.29	6652.1	136730.	2401.4
#2	532.50	980.67	895.35	424.88	791.85	6647.1	137180.	2392.9

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5916.3	4203.2	1937.9	2056.6	738.79	706.27	5210.6	1238.0
Stddev	.8	29.0	2.6	1.5	.82	5.81	8.0	7.6
%RSD	.01288	.68937	.13592	.07462	.11142	.82296	.15445	.61294
#1	5916.9	4223.7	1936.1	2057.7	739.37	710.38	5216.3	1243.3
#2	5915.8	4182.7	1939.8	2055.6	738.21	702.16	5204.9	1232.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.4	6018.1	22151.	7770.1	1535.4	7444.9	4095.6	5156.1
Stddev	2.0	4.3	63.	39.0	.6	11.0	2.4	22.2
%RSD	.15449	.07167	.28584	.50234	.03700	.14731	.05901	.42993
#1	1265.0	6015.0	22106.	7742.5	1535.8	7452.7	4093.9	5171.8
#2	1267.8	6021.1	22195.	7797.7	1535.0	7437.2	4097.3	5140.5

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	370.02	220.82	1031.3	8533.0	39486.
Stddev	.74	1.58	2.5	15.0	75.
%RSD	.20077	.71496	.24344	.17586	.19063
#1	369.50	221.94	1029.5	8522.4	39433.
#2	370.55	219.70	1033.1	8543.6	39539.

Sample Name: S2 Acquired: 12/29/2008 09:11:22 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	984.80	1758.5	1619.8	774.92	1461.9	12395.	251380.	4409.3
Stddev	.81	.1	.5	2.39	3.8	35.	1367.	13.1
%RSD	.08183	.00422	.03037	.30840	.26076	.28055	.54386	.29603
#1	984.23	1758.5	1620.1	773.23	1464.6	12370.	252350.	4400.1
#2	985.37	1758.6	1619.4	776.61	1459.2	12419.	250410.	4418.6

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10718.	7827.8	3546.3	3747.6	1343.8	1304.1	9642.4	2314.7
Stddev	6.	9.3	4.7	4.1	.8	.2	26.1	5.7
%RSD	.05675	.11927	.13318	.10918	.06129	.01750	.27021	.24530
#1	10723.	7821.2	3543.0	3744.7	1343.2	1304.0	9623.9	2318.8
#2	10714.	7834.5	3549.7	3750.5	1344.3	1304.3	9660.8	2310.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.3	10961.	42658.	14364.	2774.2	14213.	7492.6	9582.0
Stddev	3.9	15.	217.	17.	2.6	6.	12.5	13.9
%RSD	.16707	.13618	.50895	.12096	.09209	.03977	.16684	.14555
#1	2309.0	10950.	42505.	14352.	2772.3	14209.	7483.7	9572.1
#2	2303.6	10971.	42812.	14377.	2776.0	14217.	7501.4	9591.9

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	678.39	412.70	1884.5	15837.	76105.
Stddev	.20	3.56	.0	13.	179.
%RSD	.02907	.86226	.00088	.07992	.23470
#1	678.25	410.19	1884.5	15828.	75978.
#2	678.53	415.22	1884.5	15846.	76231.

Sample Name: S Acquired: 12/29/2008 09:19:21 Type: Cal
Method: P4-(v70) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.7	3292.9	3096.5	1472.2	2848.4	24495.	499830.	8410.3
Stddev	1.5	8.8	5.3	2.3	3.2	25.	578.	1.4
%RSD	.07557	.26619	.17120	.15389	.11112	.10244	.11560	.01605
#1	1923.7	3286.7	3092.7	1470.6	2846.1	24477.	500240.	8411.3
#2	1921.7	3299.1	3100.2	1473.8	2850.6	24512.	499420.	8409.4

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	20303.	15253.	6816.6	7145.2	2581.2	2578.3	19038.	4645.4
Stddev	18.	5.	6.5	13.9	.9	17.8	16.	9.6
%RSD	.08948	.03177	.09573	.19492	.03403	.69127	.08282	.20573
#1	20290.	15249.	6812.0	7135.3	2580.5	2590.9	19049.	4638.6
#2	20316.	15256.	6821.2	7155.0	2581.8	2565.7	19027.	4652.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4372.2	21438.	86246.	27723.	5227.5	29255.	14423.	18850.
Stddev	3.1	26.	394.	15.	13.3	11.	40.	27.
%RSD	.06981	.12326	.45658	.05450	.25516	.03873	.27791	.14267
#1	4370.0	21457.	85968.	27713.	5218.1	29247.	14395.	18831.
#2	4374.3	21420.	86524.	27734.	5236.9	29263.	14452.	18869.

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.3	820.10	3612.1	31548.	153140.
Stddev	2.3	1.54	3.9	18.	833.
%RSD	.17284	.18743	.10758	.05715	.54388
#1	1322.7	821.19	3609.3	31560.	152550.
#2	1326.0	819.02	3614.8	31535.	153730.

Sample Name: ICV Acquired: 12/29/2008 09:33:26 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99767	.94565	1.0584	1.0324	1.0289	2.6983	.51077	.50829
Stddev	.00209	.00621	.0024	.0054	.0015	.0173	.00325	.00030
%RSD	.20926	.65717	.22975	.52153	.14798	.64018	.63552	.05942
#1	.99619	.95005	1.0566	1.0286	1.0300	2.6861	.50847	.50808
#2	.99915	.94126	1.0601	1.0362	1.0278	2.7105	.51306	.50851

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47492	10.049	.50790	.52656	.52459	5.1403	.49930	6.1072
Stddev	.00033	.089	.00044	.00084	.00041	.0326	.00340	.0288
%RSD	.06952	.88878	.08757	.15918	.07735	.63314	.68088	.47131
#1	.47469	9.9861	.50759	.52597	.52487	5.1173	.49690	6.1275
#2	.47516	10.112	.50821	.52716	.52430	5.1633	.50171	6.0868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44331	.51673	9.4854	.51880	1.0706	9.4456	.00255	.00590
Stddev	.00124	.00152	.0313	.00014	.0010	.0077	.00069	.00051
%RSD	.28003	.29362	.33039	.02747	.09344	.08106	26.908	8.6518
#1	.44243	.51780	9.4633	.51870	1.0699	9.4402	.00207	.00554
#2	.44418	.51566	9.5076	.51890	1.0713	9.4510	.00304	.00626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00207	.00708	-.01041	-.00036	.00137
Stddev	.00029	.01971	.00084	.00118	.00035
%RSD	13.796	278.57	8.0275	332.01	25.905
#1	.00187	.02102	-.00982	.00048	.00162
#2	.00227	-.00686	-.01100	-.00119	.00112

Sample Name: ICB Acquired: 12/29/2008 09:40:14 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00098	.00027	.00462	.00063	-.00545	-.00054	.00005
Stddev	.00020	.00198	.00043	.00290	.00147	.00285	.00015	.00001
%RSD	29.927	201.11	161.45	62.748	233.25	52.393	28.187	15.159
#1	.00082	-.00041	-.00004	.00257	-.00041	-.00343	-.00043	.00006
#2	.00053	.00238	.00057	.00667	.00167	-.00747	-.00065	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00656	-.00041	-.00001	.00048	.00475	.00033	.02288
Stddev	.00007	.00878	.00040	.00022	.00047	.00457	.00013	.00226
%RSD	37.030	133.92	97.715	1770.0	98.632	96.177	40.492	9.8858
#1	.00014	.01277	-.00013	-.00017	.00015	.00152	.00042	.02448
#2	.00024	.00035	-.00070	.00014	.00081	.00798	.00023	.02128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00010	.00227	.00028	.00046	.03129	.00114	.00324
Stddev	.00011	.00006	.00359	.00040	.00005	.01988	.00009	.00068
%RSD	111.16	56.191	158.19	140.30	10.375	63.516	7.4965	20.996
#1	.00018	-.00006	.00480	.00000	.00042	.01724	.00120	.00372
#2	.00002	-.00015	-.00027	.00057	.00049	.04535	.00108	.00276

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	F.03607	-.00049	-.00007	-.00018
Stddev	.00102	.01781	.00093	.00051	.00067
%RSD	25.581	49.368	188.22	713.44	376.51
#1	-.00327	.04866	.00016	-.00044	-.00065
#2	-.00471	.02348	-.00115	.00029	.00029

Sample Name: CRI Acquired: 12/29/2008 09:43:04 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22049	.23794	.22970	.23517	.22006	.40827	.42282	.01084	.11522
Stddev	.00169	.00188	.00043	.00304	.00138	.00329	.00041	.00015	.00008
%RSD	.76546	.79141	.18857	1.2913	.62540	.80515	.09616	1.3614	.06698
#1	.21929	.23928	.22939	.23732	.22104	.40594	.42253	.01095	.11517
#2	.22168	.23661	.23001	.23302	.21909	.41059	.42311	.01074	.11528

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0178	.04338	.11289	.05710	.22022	.10606	1.0603	.11347	.05398
Stddev	.0102	.00023	.00017	.00017	.00082	.00012	.0292	.00094	.00042
%RSD	.99888	.53362	.15183	.28975	.37054	.11685	2.7570	.82483	.77023
#1	1.0106	.04322	.11301	.05722	.22079	.10598	1.0809	.11281	.05369
#2	1.0250	.04355	.11276	.05699	.21964	.10615	1.0396	.11413	.05428

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97142	.10874	.11624	.97387	.22442	.21588	.21714	.20250	.22412
Stddev	.01318	.00002	.00033	.01782	.00012	.00123	.00164	.01868	.00020
%RSD	1.3565	.01830	.28629	1.8296	.05298	.57101	.75385	9.2236	.08755
#1	.98073	.10872	.11601	.96127	.22450	.21501	.21598	.18930	.22398
#2	.96210	.10875	.11648	.98647	.22433	.21675	.21830	.21571	.22426

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	.21218	.19745
Stddev	.00162	.00042
%RSD	.76231	.21460
#1	.21332	.19715
#2	.21103	.19775

Sample Name: ICSA Acquired: 12/29/2008 09:53:43 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00066	.00693	.00036	-.00070	261.46	.00101	.00013
Stddev	.00156	.00234	.00279	.00599	.00488	18.82	.00012	.00028
%RSD	23.845	354.73	40.333	1642.2	700.64	7.1995	11.421	209.66
#1	.00763	.00231	.00891	.00460	.00276	274.77	.00109	.00033
#2	.00543	-.00099	.00495	-.00387	-.00415	248.15	.00093	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	248.35	.04991	.00394	.02092	98.683	.02038	266.38
Stddev	.00004	.53	.01262	.00029	.00043	.119	.00043	.84
%RSD	1.5898	.21352	25.290	7.4596	2.0584	.12106	2.0998	.31646
#1	.00271	248.72	.05883	.00414	.02061	98.767	.02068	266.98
#2	.00277	247.97	.04098	.00373	.02122	98.598	.02008	265.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01874	.01645	.82790	.00314	.02889	.01672	-.00016	-.01230
Stddev	.00012	.00043	.00321	.00094	.00002	.00637	.00039	.00762
%RSD	.66245	2.5997	.38760	30.057	.05479	38.114	254.63	61.944
#1	.01866	.01615	.83017	.00380	.02890	.01221	-.00043	-.01769
#2	.01883	.01675	.82563	.00247	.02888	.02122	.00012	-.00691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06551	.00411	-.00102	-.00451	.00910
Stddev	.00082	.00840	.00154	.00037	.00045
%RSD	1.2520	204.10	150.43	8.2315	4.9407
#1	.06493	-.00182	-.00211	-.00478	.00942
#2	.06609	.01005	.00007	-.00425	.00878

Sample Name: ICSAB Acquired: 12/29/2008 09:56:06 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10947	.08613	.05865	.05174	.64918	248.14	.56539	.53184
Stddev	.00257	.00124	.00227	.00361	.00032	.76	.00232	.00005
%RSD	2.3494	1.4365	3.8718	6.9803	.04963	.30683	.40951	.00926
#1	.10765	.08525	.06026	.05430	.64895	247.60	.56703	.53187
#2	.11129	.08700	.05705	.04919	.64941	248.67	.56375	.53181

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90089	249.48	.54347	.50090	.52330	99.146	.56568	268.54
Stddev	.00115	.19	.00026	.00040	.00045	.224	.00313	.00
%RSD	.12711	.07593	.04820	.08029	.08568	.22606	.55366	.00166
#1	.90170	249.61	.54329	.50119	.52298	98.987	.56347	268.54
#2	.90008	249.34	.54366	.50062	.52362	99.304	.56790	268.53

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85567	.23053	.84468	.53038	1.0109	.03061	.00009	-.00907
Stddev	.00208	.00081	.00016	.00085	.0053	.02298	.00007	.00430
%RSD	.24255	.35087	.01889	.15987	.52922	75.049	75.465	47.379
#1	.85420	.22996	.84456	.52978	1.0147	.04686	.00004	-.00603
#2	.85714	.23110	.84479	.53098	1.0071	.01437	.00014	-.01211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05715	.00602	-.01138	-.00557	F.00852
Stddev	.00260	.02094	.00061	.00002	.00104
%RSD	4.5559	347.60	5.3378	.42540	12.221
#1	.05899	.02083	-.01181	-.00559	.00779
#2	.05531	-.00878	-.01095	-.00555	.00926

Sample Name: CCV Acquired: 12/29/2008 09:59:00 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8878	5.0790	4.9885	5.0013	4.9241	9.8131	9.8866	.24811	2.5007
Stddev	.0032	.0068	.0124	.0591	.0021	.0972	.0280	.00200	.0024
%RSD	.06555	.13335	.24956	1.1816	.04269	.99061	.28293	.80504	.09656
#1	4.8856	5.0742	4.9973	4.9595	4.9226	9.7443	9.9063	.24670	2.5024
#2	4.8901	5.0837	4.9797	5.0431	4.9255	9.8818	9.8668	.24952	2.4990

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.262	.98583	2.4975	1.2402	4.9392	2.4407	24.505	2.4824	1.2213
Stddev	.054	.01885	.0051	.0050	.0198	.0007	.023	.0086	.0088
%RSD	.22255	1.9116	.20581	.40034	.39992	.02694	.09397	.34630	.72185
#1	24.300	.97251	2.5011	1.2367	4.9531	2.4403	24.521	2.4885	1.2151
#2	24.223	.99916	2.4938	1.2437	4.9252	2.4412	24.489	2.4763	1.2275

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.440	2.5152	2.5103	24.230	5.0317	4.9480	4.8684	5.0456	4.9413
Stddev	.137	.0415	.0001	.045	.0231	.0329	.0252	.0162	.0029
%RSD	.56040	1.6482	.00188	.18623	.45884	.66554	.51814	.32046	.05793
#1	24.537	2.4859	2.5102	24.262	5.0480	4.9247	4.8506	5.0570	4.9433
#2	24.343	2.5445	2.5103	24.198	5.0153	4.9713	4.8863	5.0342	4.9393

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.8933	4.9309
Stddev	.0038	.0286
%RSD	.07810	.58104
#1	4.8906	4.9512
#2	4.8960	4.9107

Sample Name: CCB Acquired: 12/29/2008 10:01:04 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00075	.00056	.00345	.00125	.05060	.00155	.00017
Stddev	.00100	.00113	.00110	.00176	.00131	.00654	.00018	.00002
%RSD	526.82	150.69	197.11	51.005	104.42	12.926	11.577	11.222
#1	-.00052	.00155	.00133	.00220	.00033	.05522	.00168	.00018
#2	.00090	-.00005	-.00022	.00469	.00218	.04597	.00142	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.06952	-.00013	-.00006	.00006	.03137	.00078	.06981
Stddev	.00006	.00405	.00003	.00023	.00021	.00444	.00053	.01860
%RSD	12.776	5.8207	22.595	399.02	344.09	14.161	68.504	26.643
#1	.00053	.07238	-.00016	-.00022	.00021	.02823	.00116	.05666
#2	.00044	.06666	-.00011	.00011	-.00009	.03451	.00040	.08296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00009	.00721	.00033	.00096	-.00010	.01129	.01465
Stddev	.00012	.00001	.00376	.00041	.00040	.01133	.00284	.00155
%RSD	79.226	7.0819	52.186	121.97	41.133	11503.	25.193	10.574
#1	-.00007	.00009	.00988	.00062	.00124	-.00811	.01330	.01574
#2	-.00024	.00010	.00455	.00005	.00068	.00791	.00928	.01355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	F.05490	-.00067	.00272	.00169
Stddev	.00207	.00576	.00065	.00095	.00122
%RSD	158.58	10.496	96.817	35.042	72.459
#1	-.00278	.05083	-.00113	.00339	.00255
#2	.00016	.05898	-.00021	.00204	.00082

Sample Name: PB38727BL Acquired: 12/29/2008 10:07:29 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00015	-.00114	.00132	-.00090	-.00190	-.00133	.00001
Stddev	.00091	.00034	.00033	.00125	.00005	.00451	.00025	.00001
%RSD	41.557	232.76	28.993	94.747	5.3079	236.69	18.465	228.29
#1	.00155	-.00038	-.00091	.00220	-.00087	.00128	-.00150	.00000
#2	.00283	.00009	-.00138	.00043	-.00094	-.00509	-.00115	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02370	.00039	.00008	-.00028	.00189	.00032	.01345
Stddev	.00004	.00514	.00012	.00011	.00026	.00457	.00022	.00807
%RSD	147.90	21.677	30.767	135.41	89.513	241.77	70.970	59.977
#1	.00000	.02733	.00048	.00017	-.00047	-.00134	.00047	.01916
#2	-.00005	.02007	.00031	.00000	-.00010	.00513	.00016	.00775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00052	.00067	-.00020	.00057	.02289	.00143	.00231
Stddev	.00009	.00002	.00131	.00010	.00048	.00884	.00026	.00085
%RSD	21.486	2.9960	194.94	50.052	84.138	38.642	18.542	36.682
#1	-.00037	-.00053	.00160	-.00027	.00023	.02914	.00162	.00171
#2	-.00050	-.00050	-.00025	-.00013	.00090	.01663	.00124	.00291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00344	F.02556	-.00054	.00072	.00067
Stddev	.00278	.00497	.00087	.00119	.00138
%RSD	80.905	19.450	160.69	165.36	205.70
#1	-.00541	.02907	-.00116	.00157	.00164
#2	-.00147	.02204	.00007	-.00012	-.00030

Sample Name: PB38727BS Acquired: 12/29/2008 10:10:14 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82942	1.9093	1.0957	2.1878	.87216	2.0724	.21032	.21148
Stddev	.00037	.0072	.0011	.0085	.00189	.0038	.00181	.00074
%RSD	.04448	.37693	.10403	.38896	.21715	.18432	.86071	.35074
#1	.82916	1.9144	1.0965	2.1817	.87350	2.0751	.20904	.21096
#2	.82968	1.9042	1.0949	2.1938	.87082	2.0697	.21160	.21201

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19840	1.0849	.42482	.21869	.32992	3.2069	.20937	2.1186
Stddev	.00025	.0021	.00320	.00047	.00071	.0034	.00059	.0061
%RSD	.12532	.19598	.75249	.21301	.21434	.10675	.28222	.28782
#1	.19857	1.0834	.42256	.21902	.33042	3.2045	.20979	2.1229
#2	.19822	1.0864	.42708	.21836	.32942	3.2093	.20895	2.1143

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46086	.07660	2.9400	.32052	.22480	9.5969	.43507	.31782
Stddev	.00131	.00007	.0033	.00132	.00105	.0193	.00126	.00208
%RSD	.28455	.09126	.11110	.41262	.46878	.20113	.28933	.65432
#1	.45993	.07655	2.9377	.31959	.22554	9.6105	.43596	.31635
#2	.46179	.07665	2.9424	.32146	.22405	9.5832	.43418	.31929

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01553	1.0337	.75497	.20498	.19746
Stddev	.00261	.0050	.00403	.00045	.00239
%RSD	16.831	.48749	.53323	.21790	1.2089
#1	-.01368	1.0373	.75781	.20530	.19915
#2	-.01738	1.0301	.75212	.20467	.19578

Sample Name: Z5974-01 Acquired: 12/29/2008 10:17:57 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00826	-.00348	.06628	-.00895	.00372	1.4196	.03972	.00010
Stddev	.00052	.00051	.00045	.00335	.00049	.0053	.00140	.00008
%RSD	6.3215	14.654	.68260	37.403	13.109	.37413	3.5367	76.170
#1	.00789	-.00312	.06660	-.00659	.00338	1.4159	.03873	.00015
#2	.00862	-.00384	.06596	-.01132	.00407	1.4234	.04072	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	49.922	-.00056	.04993	.04082	195.35	5.6482	26.426
Stddev	.00023	.040	.00065	.00015	.00110	.22	.0078	.019
%RSD	3.6348	.08015	116.11	.29089	2.6992	.11270	.13795	.07147
#1	.00644	49.893	-.00010	.05004	.04004	195.19	5.6427	26.412
#2	.00612	49.950	-.00102	.04983	.04160	195.50	5.6537	26.439

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03641	.03469	37.714	.00648	.41199	3.6491	-.00225	.00172
Stddev	.00002	.00037	.107	.00008	.00254	.0045	.00012	.00266
%RSD	.05441	1.0733	.28283	1.2277	.61595	.12306	5.4210	154.46
#1	.03642	.03443	37.790	.00654	.41378	3.6523	-.00234	-.00016
#2	.03639	.03495	37.639	.00643	.41019	3.6459	-.00216	.00361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F202.42	4.0893	-.00736	.00151	.03575
Stddev	.06	.0581	.00034	.00044	.00077
%RSD	.03087	1.4208	4.6378	28.776	2.1459
#1	202.47	4.0482	-.00712	.00182	.03629
#2	202.38	4.1304	-.00760	.00121	.03521

Sample Name: Z5974-01D Acquired: 12/29/2008 10:19:49 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01125	-.00317	.06714	-.00803	.00257	1.4155	.04038	.00017
Stddev	.00079	.00156	.00078	.00015	.00090	.0084	.00010	.00001
%RSD	7.0116	49.049	1.1629	1.8269	34.781	.59296	.24291	6.0781
#1	.01069	-.00207	.06770	-.00813	.00321	1.4096	.04031	.00016
#2	.01181	-.00427	.06659	-.00793	.00194	1.4215	.04045	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	50.757	-.00106	.05046	.04075	197.45	5.7087	26.739
Stddev	.00001	.061	.00090	.00036	.00037	.34	.0137	.084
%RSD	.18009	.11949	84.329	.72299	.90047	.17160	.23990	.31247
#1	.00576	50.714	-.00170	.05072	.04101	197.69	5.7183	26.680
#2	.00578	50.800	-.00043	.05020	.04049	197.21	5.6990	26.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03622	.03481	37.857	.00632	.41477	3.6249	-.00214	.00394
Stddev	.00088	.00003	.126	.00032	.00035	.0556	.00047	.00204
%RSD	2.4293	.07293	.33328	5.0472	.08371	1.5350	22.066	51.693
#1	.03684	.03483	37.946	.00609	.41452	3.6642	-.00247	.00250
#2	.03560	.03479	37.767	.00654	.41501	3.5855	-.00180	.00538

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F203.05	4.1187	-.00703	.00036	.03614
Stddev	.05	.0298	.00017	.00014	.00082
%RSD	.02499	.72423	2.3769	38.449	2.2814
#1	203.09	4.0976	-.00691	.00026	.03672
#2	203.02	4.1398	-.00715	.00046	.03556

Sample Name: Z5974-01L Acquired: 12/29/2008 10:22:00 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	-.00183	.01542	.00068	.00031	.30390	.00695	-.00004
Stddev	.00046	.00092	.00024	.00107	.00095	.00649	.00005	.00005
%RSD	14.113	50.042	1.5427	158.15	309.61	2.1366	.66790	133.80
#1	.00359	-.00248	.01525	-.00008	-.00037	.30849	.00698	-.00008
#2	.00294	-.00118	.01558	.00144	.00098	.29930	.00691	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	11.070	-.00036	.01161	.00930	43.993	1.2700	5.7964
Stddev	.00007	.046	.00011	.00000	.00006	.210	.0080	.0325
%RSD	5.9031	.41256	31.289	.01802	.68734	.47821	.62829	.56078
#1	.00112	11.102	-.00028	.01161	.00926	44.142	1.2757	5.8193
#2	.00122	11.037	-.00044	.01162	.00935	43.845	1.2644	5.7734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	.00742	7.5963	.00121	.09798	.75781	-.00045	.00195
Stddev	.00031	.00006	.0589	.00021	.00057	.00822	.00019	.00041
%RSD	4.2480	.86033	.77469	17.238	.58530	1.0851	41.745	21.139
#1	.00745	.00737	7.5547	.00136	.09758	.75199	-.00032	.00166
#2	.00702	.00746	7.6379	.00107	.09839	.76362	-.00058	.00224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	48.171	.91803	-.00286	-.00033	.00786
Stddev	.055	.01350	.00004	.00041	.00115
%RSD	.11463	1.4708	1.3403	125.57	14.677
#1	48.210	.90848	-.00284	-.00004	.00705
#2	48.132	.92758	-.00289	-.00061	.00868

Sample Name: Z5974-01S Acquired: 12/29/2008 10:29:48 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71469	1.4677	.93523	1.7549	.73944	3.2479	.23446	.17081
Stddev	.00527	.0000	.00570	.0010	.00164	.0267	.00007	.00019
%RSD	.73721	.00260	.60980	.05486	.22209	.82231	.02846	.10872
#1	.71096	1.4677	.93120	1.7543	.73828	3.2668	.23442	.17068
#2	.71841	1.4677	.93927	1.7556	.74060	3.2290	.23451	.17094

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16561	49.201	.35592	.23105	.30838	194.05	5.7157	27.634
Stddev	.00004	.223	.00394	.00014	.00248	1.00	.0297	.161
%RSD	.02454	.45292	1.1069	.06040	.80438	.51350	.51987	.58281
#1	.16558	49.043	.35314	.23095	.30663	193.35	5.6947	27.520
#2	.16563	49.359	.35871	.23115	.31013	194.75	5.7367	27.748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40758	.09821	40.361	.28847	.56686	13.143	.37493	.27210
Stddev	.00057	.00042	.176	.00148	.00449	.023	.00139	.00215
%RSD	.13914	.42340	.43674	.51209	.79296	.17316	.37047	.78909
#1	.40798	.09792	40.486	.28951	.56368	13.159	.37394	.27058
#2	.40718	.09851	40.236	.28742	.57004	13.127	.37591	.27362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F196.10	5.0346	.61250	.18755	.23859
Stddev	.44	.0032	.00387	.00125	.00112
%RSD	.22418	.06366	.63236	.66851	.46769
#1	195.79	5.0323	.60976	.18844	.23938
#2	196.41	5.0368	.61524	.18666	.23780

Sample Name: Z5974-01SD Acquired: 12/29/2008 10:32:27 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71973	1.4928	.95173	1.7713	.74793	3.3147	.23834	.17515
Stddev	.00206	.0055	.00004	.0109	.00162	.0037	.00147	.00031
%RSD	.28670	.36977	.00368	.61519	.21601	.11277	.61494	.17668
#1	.71827	1.4967	.95171	1.7790	.74907	3.3174	.23731	.17537
#2	.72119	1.4889	.95176	1.7636	.74678	3.3121	.23938	.17493

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16786	50.536	.36713	.23377	.31250	198.00	5.8280	28.214
Stddev	.00060	.212	.00073	.00044	.00146	.28	.0063	.084
%RSD	.35612	.41906	.19813	.18772	.46730	.14131	.10817	.29683
#1	.16828	50.387	.36662	.23408	.31353	197.80	5.8235	28.155
#2	.16744	50.686	.36765	.23346	.31146	198.20	5.8324	28.274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41536	.10096	40.392	.29375	.58152	13.212	.38169	.27757
Stddev	.00069	.00009	.204	.00176	.00196	.046	.00042	.00309
%RSD	.16682	.09173	.50472	.59765	.33689	.34624	.11132	1.1133
#1	.41585	.10090	40.248	.29499	.58290	13.180	.38199	.27975
#2	.41487	.10103	40.536	.29251	.58013	13.244	.38139	.27538

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F198.43	5.2169	.62042	.19109	.23770
Stddev	.16	.0268	.00473	.00019	.00164
%RSD	.08128	.51285	.76202	.10153	.69136
#1	198.31	5.2358	.61707	.19123	.23654
#2	198.54	5.1980	.62376	.19096	.23886

Sample Name: Z5974-01A Acquired: 12/29/2008 10:35:09 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71810	1.4878	.94614	1.7688	.74667	3.3297	.23879	.17419
Stddev	.00050	.0033	.00072	.0016	.00032	.0003	.00199	.00072
%RSD	.06963	.22261	.07600	.09007	.04278	.00847	.83202	.41566
#1	.71774	1.4902	.94563	1.7699	.74644	3.3299	.24020	.17368
#2	.71845	1.4855	.94665	1.7676	.74689	3.3295	.23739	.17470

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16778	50.456	.36337	.23398	.31257	197.28	5.8149	28.204
Stddev	.00056	.020	.00088	.00011	.00051	.05	.0117	.017
%RSD	.33620	.04052	.24253	.04762	.16186	.02371	.20049	.05851
#1	.16818	50.471	.36275	.23390	.31293	197.25	5.8066	28.193
#2	.16738	50.442	.36399	.23406	.31221	197.32	5.8231	28.216

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41446	.10025	40.646	.29316	.58060	13.215	.38147	.27800
Stddev	.00139	.00018	.091	.00122	.00007	.095	.00009	.00405
%RSD	.33487	.17652	.22407	.41751	.01172	.71968	.02329	1.4562
#1	.41348	.10012	40.581	.29230	.58056	13.148	.38153	.28086
#2	.41544	.10037	40.710	.29403	.58065	13.282	.38141	.27513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F198.39	5.2557	.62039	.19021	.23976
Stddev	.32	.0063	.00088	.00063	.00132
%RSD	.15913	.12042	.14184	.32993	.55101
#1	198.61	5.2602	.62101	.18977	.24069
#2	198.17	5.2512	.61976	.19066	.23882

Sample Name: Z5974-02 Acquired: 12/29/2008 10:37:02 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01189	-.00229	.01862	.00523	.00092	.48646	.02672	.00006
Stddev	.00244	.00039	.00001	.00016	.00107	.00140	.00017	.00008
%RSD	20.479	17.233	.03260	3.0410	116.29	.28814	.63958	122.50
#1	.01017	-.00201	.01861	.00512	.00016	.48547	.02660	.00012
#2	.01362	-.00256	.01862	.00535	.00167	.48746	.02684	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	59.408	.00321	.01202	.00734	5.6522	.64246	4.0041
Stddev	.00003	.118	.00047	.00031	.00064	.0473	.00158	.0116
%RSD	2.1177	.19838	14.613	2.5936	8.7524	.83665	.24557	.29053
#1	.00146	59.325	.00354	.01225	.00689	5.6856	.64134	4.0123
#2	.00141	59.491	.00288	.01180	.00780	5.6188	.64357	3.9959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	.00093	8.7682	.00218	.24875	4.7543	.00188	.01844
Stddev	.00049	.00005	.0103	.00023	.00022	.0028	.00045	.00164
%RSD	11.893	5.6185	.11743	10.718	.08897	.05867	23.643	8.8855
#1	.00376	.00097	8.7754	.00201	.24890	4.7563	.00220	.01960
#2	.00445	.00089	8.7609	.00234	.24859	4.7523	.00157	.01728

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	50.761	1.4969	-.00842	.00739	.00388
Stddev	.007	.0615	.00045	.00061	.00097
%RSD	.01294	4.1104	5.3280	8.2491	25.031
#1	50.757	1.5404	-.00874	.00696	.00457
#2	50.766	1.4534	-.00810	.00782	.00319

Sample Name: Z5974-03 Acquired: 12/29/2008 10:39:02 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00238	.00756	.00109	-.00095	.92125	.04382	-.00009
Stddev	.00080	.00054	.00036	.00109	.00131	.00279	.00019	.00019
%RSD	18.414	22.690	4.7815	100.24	137.74	.30319	.44204	224.54
#1	.00493	-.00200	.00731	.00186	-.00187	.91928	.04396	.00005
#2	.00379	-.00276	.00782	.00032	-.00002	.92323	.04368	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	137.43	-.00013	.01669	.00991	61.883	2.4327	14.989
Stddev	.00012	.34	.00034	.00017	.00023	.132	.0025	.023
%RSD	3.5337	.25054	252.43	1.0054	2.3398	.21352	.10154	.15170
#1	.00338	137.67	-.00037	.01680	.01007	61.790	2.4309	14.973
#2	.00322	137.19	.00010	.01657	.00974	61.977	2.4344	15.005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01655	.01073	32.921	.00248	.23056	12.288	-.00049	.04023
Stddev	.00096	.00020	.033	.00002	.00046	.050	.00042	.00042
%RSD	5.7933	1.8932	.09959	.62927	.19873	.40845	84.401	1.0448
#1	.01723	.01059	32.898	.00247	.23024	12.252	-.00020	.03994
#2	.01587	.01087	32.945	.00249	.23089	12.323	-.00079	.04053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F159.07	3.3259	-.00821	-.00188	.00738
Stddev	.17	.0119	.00079	.00024	.00084
%RSD	.10615	.35851	9.6013	12.876	11.347
#1	159.18	3.3343	-.00766	-.00171	.00679
#2	158.95	3.3175	-.00877	-.00205	.00797

Sample Name: CCV Acquired: 12/29/2008 10:41:10 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9535	5.1691	5.0347	5.1370	4.9824	9.8626	10.044	.24791	2.5175
Stddev	.0200	.0155	.0182	.0145	.0112	.0140	.037	.00123	.0049
%RSD	.40374	.29902	.36167	.28219	.22568	.14202	.37232	.49644	.19637
#1	4.9676	5.1801	5.0476	5.1472	4.9904	9.8725	10.071	.24879	2.5209
#2	4.9393	5.1582	5.0219	5.1267	4.9745	9.8527	10.018	.24704	2.5140

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.681	.97820	2.5078	1.2511	5.0448	2.5023	24.981	2.4841	1.2275
Stddev	.018	.00395	.0062	.0014	.0190	.0060	.109	.0015	.0029
%RSD	.07120	.40374	.24884	.10955	.37710	.23838	.43514	.05930	.23952
#1	24.669	.98099	2.5122	1.2520	5.0583	2.5065	25.058	2.4851	1.2296
#2	24.694	.97540	2.5034	1.2501	5.0313	2.4981	24.905	2.4830	1.2254

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.848	2.5119	2.5107	24.707	5.0723	5.0315	4.9974	5.2561	4.9754
Stddev	.071	.0068	.0003	.108	.0125	.0054	.0388	.0791	.0039
%RSD	.28459	.26964	.01221	.43846	.24564	.10652	.77679	1.5048	.07774
#1	24.798	2.5167	2.5104	24.631	5.0811	5.0277	5.0248	5.3120	4.9727
#2	24.898	2.5071	2.5109	24.784	5.0635	5.0353	4.9699	5.2001	4.9781

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.0224	5.0064
Stddev	.0006	.0203
%RSD	.01214	.40576
#1	5.0229	4.9920
#2	5.0220	5.0207

Sample Name: CCB Acquired: 12/29/2008 10:43:34 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00179	.00173	.00620	.00066	-.00018	.00416	-.00003
Stddev	.00096	.00090	.00075	.00020	.00037	.00004	.00061	.00001
%RSD	33.721	50.052	43.531	3.2266	56.568	21.419	14.754	38.979
#1	.00352	.00243	.00226	.00606	.00039	-.00020	.00459	-.00002
#2	.00216	.00116	.00120	.00634	.00092	-.00015	.00373	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.02910	.00029	.00010	.00017	.01723	.00108	.03018
Stddev	.00046	.00580	.00016	.00003	.00003	.00254	.00054	.01069
%RSD	89.238	19.945	53.951	31.644	18.819	14.718	49.986	35.437
#1	.00084	.02499	.00040	.00012	.00019	.01903	.00146	.03774
#2	.00019	.03320	.00018	.00008	.00014	.01544	.00070	.02261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00002	.01456	.00108	.00090	.02675	.01094	.01614
Stddev	.00078	.00031	.00300	.00049	.00087	.01565	.00343	.00304
%RSD	251.96	1291.2	20.619	45.674	97.123	58.509	31.360	18.853
#1	.00086	.00024	.01244	.00073	.00152	.03782	.01337	.01829
#2	-.00024	-.00019	.01668	.00143	.00028	.01568	.00851	.01399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01773	F.05016	.00021	.00352	.00280
Stddev	.00820	.01369	.00025	.00145	.00055
%RSD	46.250	27.304	121.53	41.255	19.510
#1	.02353	.05984	.00003	.00455	.00318
#2	.01193	.04047	.00039	.00250	.00241

Sample Name: Z5974-04 Acquired: 12/29/2008 10:47:26 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01397	-.00301	.00457	.00311	-.00027	.05106	^*****	-.00024
Stddev	.00241	.00146	.00199	.00100	.00013	.00217	-----	.00003
%RSD	17.269	48.503	43.444	31.975	47.713	4.2404	-----	10.635
#1	.01227	-.00198	.00597	.00241	-.00018	.04953	^ -----	-.00026
#2	.01568	-.00404	.00317	.00382	-.00037	.05259	.03615	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	33.014	.00003	.00083	.00311	30.531	.31770	4.8201
Stddev	.00012	.011	.00049	.00017	.00012	.060	.00162	.0114
%RSD	22.021	.03293	1598.9	20.619	3.7261	.19708	.50965	.23550
#1	.00063	33.006	-.00032	.00071	.00320	30.488	.31655	4.8121
#2	.00046	33.021	.00038	.00095	.00303	30.573	.31884	4.8281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00534	58.473	.00076	.01068	3.6934	.00203	.01880
Stddev	.00017	.00003	.049	.00003	.00027	.0356	.00005	.00071
%RSD	9.9864	.64042	.08327	3.5722	2.4903	.96426	2.6988	3.7895
#1	.00183	.00537	58.439	.00078	.01049	3.6682	.00200	.01930
#2	.00159	.00532	58.507	.00075	.01086	3.7186	.00207	.01829

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	36.793	3.1236	-.00810	.00259	.00422
Stddev	.009	.0090	.00046	.00123	.00053
%RSD	.02339	.28844	5.6775	47.404	12.502
#1	36.799	3.1299	-.00777	.00346	.00385
#2	36.787	3.1172	-.00842	.00172	.00460

Sample Name: Z5974-05 Acquired: 12/29/2008 10:51:33 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	-.00214	.00796	.00470	.00268	.08762	.18181	-.00015
Stddev	.00102	.00204	.00009	.00309	.00173	.00070	.00068	.00004
%RSD	16.680	95.343	1.1395	65.864	64.664	.79745	.37149	25.957
#1	.00539	-.00358	.00789	.00689	.00391	.08712	.18229	-.00013
#2	.00684	-.00070	.00802	.00251	.00145	.08811	.18134	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	140.75	.00117	.00865	.00627	16.671	.61051	9.9873
Stddev	.00012	.21	.00028	.00029	.00020	.066	.00087	.0803
%RSD	26.441	.15121	23.982	3.3462	3.2129	.39775	.14186	.80430
#1	.00037	140.91	.00097	.00885	.00613	16.718	.60990	9.9305
#2	.00053	140.60	.00137	.00844	.00641	16.624	.61112	10.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01401	.00275	33.242	.00203	.04469	13.957	.00348	.13738
Stddev	.00124	.00004	.047	.00022	.00013	.021	.00016	.00038
%RSD	8.8473	1.4007	.14133	10.846	.28265	.15254	4.4913	.27313
#1	.01314	.00278	33.209	.00219	.04478	13.973	.00337	.13764
#2	.01489	.00273	33.275	.00188	.04460	13.942	.00359	.13711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	88.453	4.4661	-.00973	-.00069	.01480
Stddev	.133	.0325	.00017	.00074	.00007
%RSD	.15021	.72792	1.7711	106.82	.45661
#1	88.359	4.4432	-.00960	-.00122	.01476
#2	88.547	4.4891	-.00985	-.00017	.01485

Sample Name: Z5973-01 Acquired: 12/29/2008 10:53:30 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00177	.00186	.00336	.00091	.04511	.01947	-.00017
Stddev	.00254	.00096	.00028	.00094	.00089	.00045	.00093	.00004
%RSD	411.19	54.418	15.151	27.835	97.659	.98887	4.7654	21.955
#1	-.00241	-.00109	.00206	.00403	.00028	.04480	.01881	-.00019
#2	.00118	-.00245	.00166	.00270	.00154	.04543	.02012	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	39.993	.00300	.00394	.00647	10.250	.73653	6.8516
Stddev	.00006	.028	.00002	.00005	.00001	.027	.00085	.0250
%RSD	18.197	.06959	.66072	1.3090	.19949	.26068	.11567	.36539
#1	.00036	39.973	.00298	.00391	.00648	10.231	.73593	6.8693
#2	.00028	40.013	.00301	.00398	.00646	10.269	.73713	6.8339

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	.00135	26.589	.00048	.04538	13.324	.00080	.14047
Stddev	.00080	.00063	.161	.00053	.00079	.031	.00011	.00008
%RSD	14.887	46.509	.60386	108.70	1.7322	.23501	13.700	.05787
#1	.00483	.00180	26.703	.00011	.04482	13.346	.00073	.14053
#2	.00596	.00091	26.476	.00086	.04593	13.302	.00088	.14041

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	57.172	2.8448	-.01001	-.00064	.01413
Stddev	.062	.0230	.00093	.00055	.00024
%RSD	.10882	.80707	9.2994	85.412	1.6841
#1	57.216	2.8286	-.00935	-.00026	.01430
#2	57.128	2.8610	-.01067	-.00103	.01396

Sample Name: Z5973-02 Acquired: 12/29/2008 10:55:41 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14841	-.00328	.05813	-.00810	.00440	50.877	.02277	.00235
Stddev	.00304	.00046	.00044	.00316	.00068	.058	.00077	.00015
%RSD	2.0452	13.888	.76010	39.006	15.460	.11391	3.3604	6.4200
#1	.14627	-.00360	.05782	-.00587	.00489	50.836	.02223	.00225
#2	.15056	-.00296	.05845	-.01033	.00392	50.918	.02331	.00246

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03949	99.622	.13543	.08104	.01399	244.40	4.4274	18.958
Stddev	.00000	.062	.00012	.00138	.00011	.34	.0042	.071
%RSD	.01021	.06189	.09005	1.7003	.79071	.13954	.09525	.37652
#1	.03948	99.666	.13551	.08007	.01391	244.16	4.4304	19.008
#2	.03949	99.579	.13534	.08201	.01407	244.65	4.4244	18.907

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06068	.04328	90.379	.02702	11.345	23.246	-.00333	.08960
Stddev	.00043	.00015	.179	.00004	.008	.087	.00037	.00222
%RSD	.70819	.34759	.19823	.16339	.06724	.37271	11.165	2.4750
#1	.06099	.04318	90.506	.02705	11.350	23.307	-.00359	.09117
#2	.06038	.04339	90.252	.02699	11.339	23.185	-.00307	.08803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F316.28	8.5710	-.00380	-.00008	.08139
Stddev	.16	.0562	.00048	.00033	.00171
%RSD	.05166	.65535	12.741	439.99	2.1069
#1	316.39	8.5312	-.00346	-.00031	.08017
#2	316.16	8.6107	-.00414	.00016	.08260

Sample Name: Z5973-03 Acquired: 12/29/2008 11:00:30 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	-.00315	.00435	.00196	.00181	.17816	^*****	.00016
Stddev	.00030	.00066	.00148	.00048	.00153	.00697	-----	.00011
%RSD	5.1772	20.888	33.964	24.404	84.698	3.9141	-----	72.293
#1	.00554	-.00362	.00540	.00162	.00073	.18309	^ -----	.00008
#2	.00596	-.00268	.00331	.00230	.00290	.17323	.04436	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	84.916	.00070	.05602	.00367	59.363	3.3488	9.1728
Stddev	.00011	.204	.00030	.00077	.00043	.138	.0037	.0149
%RSD	3.1356	.24082	42.388	1.3663	11.639	.23193	.10927	.16227
#1	.00345	85.061	.00049	.05548	.00337	59.461	3.3462	9.1833
#2	.00330	84.772	.00091	.05656	.00397	59.266	3.3514	9.1623

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05976	.01011	24.567	.00259	.87170	30.989	-.00053	.08511
Stddev	.00038	.00041	.068	.00016	.00221	.039	.00036	.00009
%RSD	.64319	4.0422	.27727	6.3079	.25397	.12678	67.326	.11016
#1	.05949	.00982	24.615	.00270	.87327	30.961	-.00028	.08517
#2	.06004	.01040	24.519	.00247	.87013	31.017	-.00078	.08504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	85.890	3.0854	-.00902	-.00134	.03280
Stddev	.081	.0478	.00005	.00038	.00020
%RSD	.09411	1.5504	.54949	28.581	.61649
#1	85.948	3.1192	-.00899	-.00161	.03266
#2	85.833	3.0516	-.00906	-.00107	.03295

Sample Name: Z5973-04 Acquired: 12/29/2008 11:02:29 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00159	.00671	.00416	.00158	.26663	.03107	-.00009
Stddev	.00139	.00031	.00041	.00161	.00163	.00297	.00091	.00008
%RSD	2440.8	19.735	6.0990	38.640	103.11	1.1132	2.9326	87.342
#1	-.00104	-.00181	.00642	.00302	.00273	.26872	.03043	-.00015
#2	.00093	-.00136	.00700	.00530	.00043	.26453	.03172	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	68.538	.00161	-.00002	.01754	1.0564	.02533	5.2393
Stddev	.00014	.073	.00031	.00026	.00012	.0685	.00333	.0099
%RSD	1012.2	.10718	19.255	1143.0	.67649	6.4810	13.148	.18882
#1	.00011	68.486	.00183	.00016	.01762	1.1048	.02768	5.2463
#2	-.00009	68.590	.00139	-.00021	.01746	1.0080	.02297	5.2323

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00010	10.235	.00107	.02152	8.9729	.00351	.03166
Stddev	.00042	.00024	.001	.00001	.00029	.0378	.00025	.00177
%RSD	29.992	248.85	.01161	1.3971	1.3332	.42111	7.2331	5.6047
#1	.00109	-.00026	10.234	.00106	.02173	8.9996	.00333	.03291
#2	.00168	.00007	10.236	.00108	.02132	8.9462	.00368	.03041

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	42.362	3.3260	-.00920	.00453	.00407
Stddev	.072	.0585	.00145	.00003	.00077
%RSD	.16939	1.7573	15.762	.66704	18.969
#1	42.311	3.2846	-.01022	.00455	.00352
#2	42.412	3.3673	-.00817	.00451	.00461

Sample Name: Z5973-05 Acquired: 12/29/2008 11:04:51 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35120	-.00413	.00668	.00007	-.00151	.07148	.06234	-.00064
Stddev	.00006	.00039	.00059	.00003	.00019	.00094	.00029	.00002
%RSD	.01712	9.4351	8.8491	44.119	12.753	1.3122	.46043	3.6038
#1	.35124	-.00441	.00626	.00005	-.00165	.07082	.06214	-.00065
#2	.35115	-.00386	.00710	.00009	-.00138	.07214	.06254	-.00062

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	124.55	.00058	.00693	.00378	100.49	1.0673	11.160
Stddev	.00007	.15	.00017	.00012	.00011	.23	.0093	.014
%RSD	3.0726	.11870	28.924	1.6938	2.7912	.22634	.87350	.12440
#1	.00227	124.45	.00046	.00685	.00371	100.33	1.0607	11.151
#2	.00217	124.66	.00070	.00701	.00386	100.65	1.0739	11.170

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00876	.01785	89.361	.00330	.02103	9.6349	-.00075	.12858
Stddev	.00029	.00037	.119	.00048	.00052	.0399	.00027	.00237
%RSD	3.3479	2.0452	.13322	14.620	2.4566	.41383	36.718	1.8452
#1	.00856	.01811	89.277	.00364	.02140	9.6067	-.00094	.12690
#2	.00897	.01759	89.445	.00296	.02067	9.6631	-.00055	.13026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F114.84	7.2205	-.00761	-.00086	.01118
Stddev	.04	.0718	.00021	.00011	.00038
%RSD	.03064	.99409	2.7946	12.819	3.3987
#1	114.87	7.2712	-.00776	-.00094	.01145
#2	114.82	7.1697	-.00746	-.00079	.01092

Sample Name: PB38738BL Acquired: 12/29/2008 11:08:43 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00332	.00202	.00050	-.00062	-.06336	.01754	.00010
Stddev	.00065	.00122	.00087	.00317	.00049	.00709	.00019	.00008
%RSD	71.999	36.732	42.894	628.60	78.960	11.197	1.0750	76.819
#1	.00044	-.00246	.00141	-.00174	-.00027	-.06837	.01741	.00004
#2	.00135	-.00418	.00264	.00275	-.00096	-.05834	.01768	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.02851	-.00013	.00157	-.00057	.02710	.00022	.05109
Stddev	.00007	.01392	.00034	.00009	.00003	.02348	.00025	.04591
%RSD	22.535	48.817	257.87	5.4499	5.9398	86.660	114.03	89.858
#1	-.00034	.03836	-.00037	.00151	-.00055	.04371	.00039	.08355
#2	-.00024	.01867	.00011	.00163	-.00059	.01049	.00004	.01863

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00045	.01459	.00055	-.00036	.03121	.00000	-.00009
Stddev	.00065	.00016	.00309	.00011	.00010	.02972	.00003	.00084
%RSD	40.482	34.734	21.158	20.435	26.799	95.217	835.73	927.34
#1	-.00208	-.00034	.01677	.00047	-.00029	.05223	-.00001	.00050
#2	-.00115	-.00056	.01241	.00063	-.00043	.01020	.00002	-.00068

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02039	F.05867	-.00978	.00092	-.00072
Stddev	.00693	.01361	.00006	.00026	.00025
%RSD	34.009	23.192	.58266	28.200	35.249
#1	.01549	.04904	-.00974	.00074	-.00054
#2	.02529	.06829	-.00982	.00111	-.00090

Sample Name: PB38738BS Acquired: 12/29/2008 11:12:11 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83200	1.9350	1.0995	2.2425	.88856	2.1152	.21714	.21438
Stddev	.00636	.0119	.0047	.0129	.00448	.0044	.00117	.00062
%RSD	.76472	.61597	.43166	.57423	.50418	.20710	.53847	.29078
#1	.83650	1.9434	1.1028	2.2516	.89172	2.1183	.21797	.21482
#2	.82750	1.9266	1.0961	2.2334	.88539	2.1121	.21631	.21394

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19808	1.0801	.42390	.21964	.33076	3.2583	.21196	2.1159
Stddev	.00110	.0514	.00046	.00044	.00035	.0358	.00197	.0010
%RSD	.55366	4.7613	.10788	.20110	.10439	1.0993	.92725	.04609
#1	.19886	1.1165	.42422	.21995	.33100	3.2837	.21335	2.1165
#2	.19731	1.0438	.42357	.21933	.33051	3.2330	.21057	2.1152

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45911	.07706	2.9888	.32489	.22339	9.5694	F.43737	F.32354
Stddev	.00301	.00036	.0023	.00149	.00141	.0215	.00295	.00129
%RSD	.65506	.46889	.07834	.45811	.63151	.22421	.67530	.39820
#1	.46123	.07732	2.9904	.32594	.22439	9.5845	.43946	.32263
#2	.45698	.07681	2.9871	.32384	.22239	9.5542	.43528	.32445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.01925	F1.0707	F.76644	F.20830	F.20046
Stddev	.00004	.0166	.00001	.00180	.00019
%RSD	.18926	1.5462	.00083	.86190	.09452
#1	.01922	1.0590	.76643	.20957	.20060
#2	.01927	1.0824	.76644	.20703	.20033

Sample Name: PB38738BSD Acquired: 12/29/2008 11:14:09 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82856	1.9167	1.0864	2.2283	.88146	2.0775	.21177	.21069
Stddev	.00226	.0058	.0008	.0026	.00007	.0027	.00203	.00069
%RSD	.27293	.30173	.07444	.11683	.00750	.13193	.95949	.32927
#1	.83016	1.9208	1.0869	2.2265	.88142	2.0755	.21321	.21118
#2	.82696	1.9126	1.0858	2.2302	.88151	2.0794	.21034	.21020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19535	1.0812	.41691	.21596	.32816	3.1415	.20621	2.0639
Stddev	.00047	.0004	.00036	.00014	.00024	.0074	.00040	.0066
%RSD	.24262	.03280	.08576	.06559	.07422	.23496	.19525	.31785
#1	.19568	1.0810	.41716	.21606	.32833	3.1467	.20592	2.0593
#2	.19501	1.0815	.41666	.21586	.32798	3.1362	.20649	2.0685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45330	.07629	2.9869	.31761	.21998	9.6356	F.43290	F.31773
Stddev	.00127	.00052	.0221	.00026	.00032	.0280	.00087	.00022
%RSD	.27999	.68584	.73963	.08321	.14323	.29060	.20069	.07077
#1	.45240	.07592	3.0025	.31742	.21976	9.6554	.43352	.31789
#2	.45420	.07666	2.9712	.31780	.22021	9.6158	.43229	.31757

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.01493	F1.0456	F.76022	F.20478	F.20212
Stddev	.00508	.0246	.00158	.00016	.00260
%RSD	34.062	2.3540	.20816	.07987	1.2846
#1	.01852	1.0630	.76134	.20467	.20395
#2	.01133	1.0282	.75910	.20490	.20028

Sample Name: CCV Acquired: 12/29/2008 11:16:15 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9570	5.1046	4.9953	5.0713	4.9838	9.8822	10.060	.24523	2.4892
Stddev	.0004	.0014	.0090	.0052	.0025	.0343	.024	.00045	.0003
%RSD	.00735	.02844	.18080	.10209	.04946	.34763	.24033	.18444	.01049
#1	4.9573	5.1036	4.9889	5.0677	4.9820	9.8579	10.043	.24555	2.4890
#2	4.9568	5.1057	5.0017	5.0750	4.9855	9.9065	10.077	.24491	2.4894

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.128	.97133	2.4827	1.2507	4.9774	2.4608	24.762	2.4697	1.2267
Stddev	.098	.00113	.0034	.0017	.0055	.0027	.009	.0022	.0011
%RSD	.40699	.11615	.13498	.13452	.11114	.10893	.03794	.08836	.09120
#1	24.059	.97212	2.4851	1.2495	4.9813	2.4589	24.755	2.4712	1.2275
#2	24.198	.97053	2.4804	1.2519	4.9735	2.4627	24.768	2.4681	1.2259

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.136	2.4828	2.4611	24.980	5.0162	4.9951	4.9219	5.1572	4.9405
Stddev	.021	.0082	.0040	.043	.0029	.0072	.0035	.0212	.0133
%RSD	.08419	.33191	.16205	.17109	.05744	.14482	.07026	.41171	.26973
#1	25.121	2.4886	2.4639	25.010	5.0183	4.9900	4.9194	5.1722	4.9500
#2	25.150	2.4769	2.4583	24.950	5.0142	5.0002	4.9243	5.1422	4.9311

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.9772	5.0949
Stddev	.0076	.0066
%RSD	.15176	.12906
#1	4.9825	5.0996
#2	4.9719	5.0903

Sample Name: CCB Acquired: 12/29/2008 11:18:59 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00187	-.00027	.00322	.00143	-.00381	-.00060	-.00001
Stddev	.00006	.00033	.00042	.00228	.00003	.00138	.00014	.00002
%RSD	1.9164	17.696	156.60	70.838	2.1923	36.388	23.609	163.30
#1	.00328	.00210	.00003	.00484	.00140	-.00478	-.00050	-.00002
#2	.00319	.00164	-.00057	.00161	.00145	-.00283	-.00070	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.01057	-.00055	.00034	.00065	.00444	.00080	.00017
Stddev	.00006	.00592	.00002	.00036	.00017	.01601	.00022	.00061
%RSD	13.873	55.978	3.6933	106.24	25.959	360.25	26.977	357.56
#1	.00050	.01476	-.00056	.00008	.00053	.01576	.00095	.00060
#2	.00041	.00639	-.00053	.00059	.00077	-.00688	.00065	-.00026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00003	.01000	.00067	.00086	-.00103	.01019	.01358
Stddev	.00009	.00029	.00656	.00017	.00003	.02113	.00194	.00007
%RSD	30.805	955.74	65.594	25.709	3.2676	2054.0	19.014	.48141
#1	.00034	-.00017	.00536	.00080	.00084	.01392	.01156	.01363
#2	.00022	.00023	.01464	.00055	.00088	-.01597	.00882	.01353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00870	F.02789	.00065	.00058	.00064
Stddev	.00242	.03981	.00000	.00057	.00041
%RSD	27.814	142.74	.00000	97.160	63.981
#1	.00699	.05604	.00065	.00098	.00035
#2	.01041	-.00026	.00065	.00018	.00094

Sample Name: Z5921-01 Acquired: 12/29/2008 11:21:05 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01469	-.00870	.00422	.02665	.00330	.08382	.01370	-.00032
Stddev	.00248	.00089	.00051	.00338	.00038	.00013	.00169	.00009
%RSD	16.873	10.176	12.046	12.671	11.655	.15608	12.335	26.632
#1	-.01294	-.00808	.00458	.02426	.00303	.08391	.01251	-.00026
#2	-.01644	-.00933	.00386	.02904	.00357	.08373	.01490	-.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	5.3959	.00795	.00033	.01840	.36521	.00755	1.2253
Stddev	.00005	.1833	.00060	.00011	.00021	.00663	.00111	.0492
%RSD	65.049	3.3963	7.5262	33.849	1.1468	1.8156	14.670	4.0174
#1	-.00011	5.2664	.00753	.00025	.01825	.36052	.00676	1.1905
#2	-.00004	5.5255	.00838	.00041	.01855	.36990	.00833	1.2601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	.00028	4.4317	.00137	.08010	.41968	.00495	.01553
Stddev	.00034	.00041	.0735	.00032	.00062	.02166	.00073	.00202
%RSD	7.4817	147.70	1.6590	23.693	.77986	5.1608	14.842	13.029
#1	.00428	.00057	4.3797	.00160	.07966	.40437	.00546	.01696
#2	.00476	-.00001	4.4837	.00114	.08054	.43500	.00443	.01409

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0547	.46452	-.00250	.00622	.00341
Stddev	.0195	.03539	.00151	.00083	.00015
%RSD	1.8507	7.6189	60.379	13.298	4.4118
#1	1.0409	.43949	-.00356	.00563	.00330
#2	1.0685	.48954	-.00143	.00680	.00351

Sample Name: Z5921-02 Acquired: 12/29/2008 11:23:41 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01561	-.00786	.00466	.02200	.00679	.26861	.02098	-.00033
Stddev	.00197	.00037	.00096	.00234	.00246	.00164	.00000	.00007
%RSD	12.648	4.7189	20.481	10.645	36.183	.60909	.01609	20.823
#1	-.01422	-.00812	.00534	.02035	.00853	.26977	.02098	-.00028
#2	-.01701	-.00760	.00399	.02366	.00505	.26745	.02098	-.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	7.0207	.00994	.00020	.02245	.53856	.01004	1.3920
Stddev	.00005	.0230	.00047	.00078	.00072	.00212	.00006	.0349
%RSD	33.389	.32782	4.7591	383.88	3.2224	.39276	.63697	2.5079
#1	-.00012	7.0044	.01028	.00076	.02194	.54005	.01009	1.3673
#2	-.00019	7.0369	.00961	-.00035	.02296	.53706	.01000	1.4167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00023	4.7071	.00192	.11374	.58748	.00162	.00754
Stddev	.00002	.00016	.0272	.00018	.00098	.00753	.00018	.00230
%RSD	1.0612	67.939	.57711	9.4708	.85862	1.2817	10.858	30.519
#1	.00191	-.00034	4.6879	.00205	.11443	.59280	.00175	.00916
#2	.00188	-.00012	4.7263	.00179	.11305	.58215	.00150	.00591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0299	.55786	-.00300	.00804	.00290
Stddev	.0017	.02115	.00003	.00167	.00064
%RSD	.16757	3.7914	1.0547	20.788	21.947
#1	1.0286	.54291	-.00302	.00922	.00335
#2	1.0311	.57282	-.00298	.00686	.00245

Sample Name: Z5921-03 Acquired: 12/29/2008 11:25:25 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01040	-.00728	.00570	.01928	.00608	.13955	.03259	-.00028
Stddev	.00292	.00160	.00131	.00174	.00020	.00284	.00013	.00005
%RSD	28.100	22.052	23.055	9.0172	3.2401	2.0384	.38863	18.158
#1	-.01246	-.00841	.00477	.02051	.00594	.14157	.03268	-.00031
#2	-.00833	-.00614	.00663	.01805	.00622	.13754	.03250	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	15.226	.01033	.00004	.03910	.95664	.01498	3.1709
Stddev	.00018	.206	.00053	.00019	.00023	.02024	.00122	.0570
%RSD	57.065	1.3559	5.1693	459.65	.59308	2.1161	8.1290	1.7978
#1	-.00044	15.080	.01071	.00018	.03927	.94233	.01412	3.1306
#2	-.00019	15.372	.00995	-.00009	.03894	.97096	.01585	3.2112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01086	.00028	3.2569	.00126	.12393	.76060	.00138	.10330
Stddev	.00054	.00005	.0351	.00026	.00005	.04577	.00001	.00058
%RSD	4.9794	19.391	1.0781	20.837	.04325	6.0173	.68835	.56187
#1	.01048	.00024	3.2817	.00144	.12389	.72824	.00139	.10371
#2	.01125	.00032	3.2320	.00107	.12396	.79296	.00138	.10289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1584	.87574	-.00308	.01006	.00278
Stddev	.0002	.02662	.00014	.00076	.00010
%RSD	.01547	3.0392	4.5258	7.5859	3.7245
#1	1.1586	.89456	-.00318	.00952	.00271
#2	1.1583	.85692	-.00298	.01060	.00286

Sample Name: Z5921-04 Acquired: 12/29/2008 11:27:04 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01250	-.00826	.00766	.02027	.00630	.13388	.02119	-.00040
Stddev	.00062	.00104	.00105	.00172	.00056	.00421	.00122	.00008
%RSD	4.9620	12.533	13.706	8.5078	8.9304	3.1411	5.7413	20.588
#1	-.01294	-.00753	.00840	.01905	.00590	.13685	.02205	-.00046
#2	-.01206	-.00900	.00692	.02149	.00670	.13090	.02033	-.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	7.2304	.00891	.00027	.01855	.49597	.01065	1.4521
Stddev	.00007	.2576	.00064	.00015	.00011	.00823	.00002	.0269
%RSD	19.572	3.5626	7.1724	56.149	.57705	1.6600	.21718	1.8528
#1	-.00041	7.4126	.00846	.00037	.01863	.50179	.01064	1.4711
#2	-.00031	7.0483	.00937	.00016	.01848	.49015	.01067	1.4330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00009	2.6945	.00196	.07948	.34375	.00107	.05889
Stddev	.00046	.00010	.0024	.00000	.00001	.00194	.00001	.00068
%RSD	52.181	115.44	.08867	.13594	.00875	.56581	1.1900	1.1613
#1	.00055	.00016	2.6962	.00196	.07948	.34238	.00107	.05937
#2	.00120	.00002	2.6928	.00196	.07949	.34513	.00106	.05840

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1047	.65820	-.00442	.00940	.00178
Stddev	.0015	.05893	.00053	.00071	.00100
%RSD	.13706	8.9529	11.875	7.5960	56.276
#1	1.1058	.69987	-.00405	.00990	.00249
#2	1.1037	.61653	-.00480	.00889	.00107

Sample Name: Z5921-05 Acquired: 12/29/2008 11:29:42 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01323	-.00820	.00561	.02310	.00255	.17279	.03502	-.00045
Stddev	.00118	.00207	.00137	.00233	.00099	.00005	.00012	.00004
%RSD	8.8846	25.231	24.492	10.082	38.841	.03018	.33976	8.1224
#1	-.01240	-.00966	.00464	.02475	.00325	.17282	.03511	-.00042
#2	-.01407	-.00674	.00658	.02145	.00185	.17275	.03494	-.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	16.298	.00941	.00012	.04225	.75183	.01364	3.3953
Stddev	.00017	.324	.00055	.00009	.00005	.00891	.00043	.0448
%RSD	59.029	1.9884	5.8838	73.839	.12021	1.1847	3.1490	1.3188
#1	-.00042	16.069	.00902	.00018	.04221	.75813	.01395	3.3636
#2	-.00017	16.527	.00981	.00006	.04228	.74554	.01334	3.4270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00708	.00015	3.4690	.00168	.11026	.74317	.00083	.01523
Stddev	.00014	.00022	.0398	.00068	.00119	.01893	.00032	.00117
%RSD	1.9113	144.43	1.1482	40.324	1.0770	2.5476	38.532	7.7132
#1	.00718	.00000	3.4408	.00216	.11110	.72978	.00060	.01440
#2	.00699	.00031	3.4972	.00120	.10942	.75656	.00105	.01606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3314	.62333	.00020	.00381	.00184
Stddev	.0008	.01437	.00131	.00287	.00022
%RSD	.05952	2.3055	642.72	75.157	11.690
#1	1.3319	.61317	.00113	.00584	.00199
#2	1.3308	.63349	-.00072	.00179	.00169

Sample Name: Z5921-06 Acquired: 12/29/2008 11:32:17 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01386	-.00873	.00339	.02074	.00487	.03284	.01599	-.00029
Stddev	.00229	.00133	.00004	.00261	.00079	.00036	.00037	.00006
%RSD	16.493	15.279	1.0900	12.573	16.284	1.1028	2.3168	22.235
#1	-.01225	-.00967	.00336	.02258	.00543	.03310	.01625	-.00034
#2	-.01548	-.00779	.00342	.01890	.00431	.03259	.01572	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	6.3964	.00687	-.00030	.02051	.24634	.00497	1.3569
Stddev	.00016	.2276	.00011	.00017	.00002	.01577	.00078	.0739
%RSD	57.974	3.5583	1.5428	57.985	.07424	6.4005	15.718	5.4466
#1	-.00040	6.5574	.00680	-.00018	.02049	.25749	.00552	1.4092
#2	-.00017	6.2355	.00695	-.00042	.02052	.23520	.00442	1.3046

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00050	4.7332	.00038	.07261	.52493	.00041	.00501
Stddev	.00006	.00009	.0594	.00036	.00081	.01773	.00010	.00170
%RSD	50.551	18.968	1.2552	93.369	1.1154	3.3782	25.315	33.906
#1	-.00008	.00057	4.6912	.00013	.07318	.51239	.00049	.00621
#2	-.00017	.00043	4.7752	.00064	.07204	.53747	.00034	.00381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.66373	.34188	-.00194	.00272	.00215
Stddev	.00566	.02399	.00044	.00073	.00019
%RSD	.85350	7.0185	22.564	26.894	8.9041
#1	.66774	.35885	-.00163	.00220	.00201
#2	.65973	.32491	-.00224	.00323	.00228

Sample Name: Z5921-07 Acquired: 12/29/2008 11:36:08 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01477	-.00787	.03016	.02240	.00441	.11866	.02230	-.00029
Stddev	.00346	.00159	.00162	.00100	.00011	.00201	.00025	.00014
%RSD	23.424	20.188	5.3762	4.4737	2.6059	1.6968	1.1284	49.951
#1	-.01721	-.00899	.02902	.02170	.00433	.12008	.02248	-.00019
#2	-.01232	-.00674	.03131	.02311	.00449	.11723	.02212	-.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	8.2401	.01197	-.00016	.02414	1.1024	.01403	1.5627
Stddev	.0001	.0653	.00037	.00028	.00046	.0021	.00021	.0174
%RSD	2051.0	.79274	3.1128	174.90	1.9033	.19045	1.5052	1.1132
#1	-.00004	8.2863	.01223	-.00035	.02446	1.1009	.01389	1.5504
#2	.00003	8.1939	.01171	.00004	.02381	1.1039	.01418	1.5750

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00002	6.3627	.00078	.11229	1.3545	.00089	.25138
Stddev	.00021	.00021	.0434	.00008	.00038	.0330	.00054	.00083
%RSD	8.4075	924.59	.68262	10.909	.34070	2.4375	60.606	.32916
#1	.00239	-.00013	6.3319	.00072	.11256	1.3312	.00127	.25080
#2	.00269	.00017	6.3934	.00084	.11202	1.3779	.00051	.25197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.92090	.50579	-.00340	.00619	.00251
Stddev	.00157	.02068	.00055	.00038	.00000
%RSD	.17030	4.0882	16.179	6.2110	.13460
#1	.91980	.52041	-.00301	.00592	.00251
#2	.92201	.49117	-.00379	.00646	.00251

Sample Name: Z5921-08 Acquired: 12/29/2008 11:37:44 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01123	-.00491	.00190	.01657	.00338	.02591	.01333	-.00025
Stddev	.00158	.00100	.00010	.00362	.00078	.00047	.00106	.00011
%RSD	14.069	20.311	5.3903	21.853	23.016	1.8235	7.9542	41.869
#1	-.01235	-.00421	.00183	.01914	.00393	.02557	.01408	-.00018
#2	-.01011	-.00562	.00197	.01401	.00283	.02624	.01258	-.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	5.6450	.00518	-.00001	.01759	.24095	.00649	1.0790
Stddev	.00001	.0888	.00037	.00049	.00020	.00188	.00037	.0212
%RSD	1.5647	1.5727	7.0850	5337.6	1.1186	.78079	5.6282	1.9688
#1	-.00047	5.7078	.00492	.00034	.01745	.23962	.00623	1.0941
#2	-.00048	5.5822	.00544	-.00036	.01773	.24228	.00675	1.0640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00015	5.0387	.00018	.06518	.51532	.00063	.00619
Stddev	.00124	.00007	.0112	.00026	.00077	.01068	.00004	.00013
%RSD	409.29	43.690	.22196	142.75	1.1759	2.0729	6.8466	2.0511
#1	-.00118	-.00020	5.0466	.00000	.06572	.50777	.00059	.00628
#2	.00058	-.00011	5.0308	.00037	.06464	.52287	.00066	.00610

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.52774	.42856	-.00464	.00042	.00208
Stddev	.00291	.01664	.00072	.00028	.00062
%RSD	.55055	3.8824	15.419	65.127	30.017
#1	.52979	.41679	-.00413	.00062	.00164
#2	.52568	.44032	-.00514	.00023	.00252

Sample Name: Z5921-09 Acquired: 12/29/2008 11:41:08 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01334	-.00974	.00143	.02439	.00587	.03035	.01393	-.00023
Stddev	.00129	.00111	.00014	.00191	.00057	.00100	.00079	.00002
%RSD	9.6884	11.418	9.8171	7.8271	9.6361	3.2862	5.6359	9.7168
#1	-.01243	-.00896	.00152	.02574	.00547	.03106	.01449	-.00024
#2	-.01426	-.01053	.00133	.02304	.00627	.02965	.01338	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	6.0745	.00779	-.00017	.01970	.34017	.00386	1.2699
Stddev	.00009	.0940	.00005	.00016	.00028	.01086	.00061	.0394
%RSD	21.673	1.5475	.64891	93.697	1.4269	3.1914	15.717	3.1005
#1	-.00048	6.0081	.00776	-.00028	.01950	.33249	.00429	1.2420
#2	-.00035	6.1410	.00783	-.00006	.01990	.34785	.00343	1.2977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00008	4.1921	.00025	.06915	.45165	.00028	.00666
Stddev	.00010	.00010	.0122	.00033	.00061	.00720	.00003	.00158
%RSD	44.457	131.52	.29060	134.25	.87775	1.5948	11.373	23.696
#1	-.00029	.00001	4.1835	.00049	.06872	.44656	.00026	.00778
#2	-.00015	.00015	4.2007	.00001	.06958	.45674	.00030	.00554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.66968	.38477	-.00367	.00170	.00195
Stddev	.00565	.00684	.00182	.00090	.00002
%RSD	.84404	1.7778	49.470	52.819	.89876
#1	.66568	.38961	-.00496	.00107	.00197
#2	.67368	.37994	-.00239	.00234	.00194

Sample Name: Z5921-10 Acquired: 12/29/2008 11:44:52 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01217	-.00977	.00154	.02218	.00428	.02506	.02005	-.00028
Stddev	.00345	.00024	.00177	.00222	.00102	.00430	.00196	.00003
%RSD	28.330	2.5072	114.62	10.011	23.798	17.174	9.7709	11.398
#1	-.01461	-.00960	.00029	.02375	.00500	.02810	.02144	-.00026
#2	-.00973	-.00994	.00279	.02061	.00356	.02201	.01867	-.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	8.0520	.01018	.00012	.01771	.67540	.00662	1.3526
Stddev	.00004	.0151	.00001	.00029	.00032	.00554	.00015	.0130
%RSD	12.507	.18798	.09949	231.78	1.7838	.81969	2.2349	.95883
#1	-.00031	8.0627	.01019	.00033	.01748	.67931	.00651	1.3617
#2	-.00026	8.0413	.01017	-.00008	.01793	.67148	.00672	1.3434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00018	4.6028	.00012	.09306	.63536	.00029	.11605
Stddev	.00002	.00011	.0669	.00063	.00002	.02383	.00004	.00101
%RSD	1.9593	62.804	1.4525	510.74	.01858	3.7507	15.546	.87342
#1	.00105	-.00010	4.5555	-.00032	.09307	.61851	.00025	.11677
#2	.00108	-.00026	4.6500	.00057	.09305	.65221	.00032	.11533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.66841	.45794	-.00296	.00202	.00307
Stddev	.00553	.01783	.00097	.00037	.00044
%RSD	.82698	3.8928	32.926	18.369	14.236
#1	.67231	.47054	-.00227	.00176	.00276
#2	.66450	.44533	-.00365	.00228	.00338

Sample Name: CCV Acquired: 12/29/2008 11:52:18 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8381	4.9936	4.9112	4.9199	4.8441	9.6200	9.6171	.24314	2.4552
Stddev	.0122	.0019	.0062	.0123	.0052	.0143	.0910	.00108	.0043
%RSD	.25243	.03818	.12621	.24943	.10808	.14899	.94602	.44509	.17418
#1	4.8467	4.9922	4.9156	4.9112	4.8478	9.6098	9.6814	.24391	2.4582
#2	4.8294	4.9949	4.9069	4.9285	4.8404	9.6301	9.5527	.24238	2.4521

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.734	.96635	2.4515	1.2215	4.7914	2.3873	23.799	2.4508	1.1999
Stddev	.009	.00240	.0007	.0019	.0224	.0167	.139	.0042	.0046
%RSD	.03643	.24786	.02856	.15896	.46790	.69797	.58422	.17189	.38095
#1	23.740	.96466	2.4520	1.2229	4.7756	2.3755	23.701	2.4537	1.2032
#2	23.728	.96805	2.4510	1.2201	4.8073	2.3991	23.897	2.4478	1.1967

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.662	2.4444	2.4755	23.502	4.9336	4.8496	4.8320	4.8911	4.8957
Stddev	.125	.0081	.0022	.131	.0012	.0169	.0119	.0263	.0049
%RSD	.52987	.33098	.09065	.55731	.02323	.34899	.24659	.53726	.09977
#1	23.750	2.4387	2.4771	23.409	4.9344	4.8616	4.8235	4.9097	4.8992
#2	23.573	2.4501	2.4739	23.594	4.9328	4.8376	4.8404	4.8725	4.8923

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.7806	4.7716
Stddev	.0139	.0238
%RSD	.29157	.49791
#1	4.7707	4.7884
#2	4.7904	4.7548

Sample Name: CCB Acquired: 12/29/2008 11:56:28 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	.00518	.00266	.00206	.00306	-.00137	.02592	.00011
Stddev	.00172	.00029	.00116	.00553	.00047	.00469	.02565	.00000
%RSD	74.788	5.5878	43.625	268.90	15.377	342.37	98.973	2.4780
#1	.00351	.00539	.00184	-.00186	.00340	.00195	.04405	.00011
#2	.00108	.00498	.00348	.00597	.00273	-.00469	.00778	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.06262	.00004	.00070	.00011	.01986	.00663	.09686
Stddev	.00013	.06055	.00007	.00048	.00048	.01465	.00668	.05064
%RSD	15.190	96.695	163.37	68.487	428.76	73.806	100.75	52.282
#1	.00094	.10544	.00010	.00104	-.00023	.03022	.01135	.13267
#2	.00076	.01981	-.00001	.00036	.00045	.00949	.00191	.06105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00007	.04838	.00182	.00140	.08906	.01823	.02621
Stddev	.00011	.00016	.05488	.00023	.00005	.05175	.00454	.00597
%RSD	24.174	243.61	113.44	12.792	3.5580	58.103	24.884	22.795
#1	.00039	-.00005	.08719	.00199	.00143	.12566	.02143	.03043
#2	.00055	.00018	.00957	.00166	.00136	.05247	.01502	.02198

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00401	F.08436	.00197	F.01849	F.01189
Stddev	.00360	.03849	.00005	.01405	.01088
%RSD	89.660	45.627	2.5681	75.989	91.463
#1	.00656	.11158	.00194	.02843	.01958
#2	.00147	.05714	.00201	.00856	.00420

Sample Name: Z5921-11 Acquired: 12/29/2008 11:59:35 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01106	-.00640	.00547	.01830	.00442	.04662	.01375	-.00031
Stddev	.00181	.00045	.00082	.00185	.00188	.00059	.00039	.00004
%RSD	16.328	7.0114	14.949	10.092	42.458	1.2556	2.8388	12.783
#1	-.00978	-.00609	.00605	.01961	.00310	.04703	.01403	-.00034
#2	-.01234	-.00672	.00489	.01700	.00575	.04620	.01348	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	5.6021	.00763	.00027	.01569	.56794	.00743	1.2065
Stddev	.00008	.1960	.00048	.00021	.00018	.01174	.00029	.0118
%RSD	159.32	3.4978	6.3324	78.381	1.1252	2.0677	3.9326	.98242
#1	.00001	5.4636	.00797	.00042	.01556	.55963	.00764	1.1981
#2	-.00011	5.7407	.00729	.00012	.01581	.57624	.00723	1.2149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00004	2.3396	.00067	.07701	.28109	.00547	.04734
Stddev	.00092	.00008	.0179	.00019	.00137	.01428	.00151	.00061
%RSD	200.05	218.97	.76572	28.022	1.7749	5.0814	27.538	1.2883
#1	-.00111	.00010	2.3270	.00054	.07604	.27099	.00653	.04691
#2	.00019	-.00002	2.3523	.00081	.07798	.29119	.00440	.04777

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.78706	.33393	-.00451	.00394	.00381
Stddev	.00555	.02228	.00063	.00001	.00007
%RSD	.70552	6.6717	13.883	.28096	1.8738
#1	.78314	.31818	-.00496	.00395	.00376
#2	.79099	.34968	-.00407	.00393	.00386

Sample Name: Z5921-12 Acquired: 12/29/2008 12:03:03 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01570	-.00950	.00561	.02209	.00451	.03089	.02120	-.00030
Stddev	.00173	.00069	.00205	.00116	.00296	.00161	.00092	.00007
%RSD	11.038	7.3032	36.498	5.2514	65.575	5.2228	4.3564	24.619
#1	-.01447	-.00999	.00706	.02127	.00660	.02975	.02185	-.00036
#2	-.01692	-.00900	.00416	.02291	.00242	.03203	.02054	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	8.9894	.01483	-.00025	.01647	.90875	.00706	1.4599
Stddev	.00000	.0307	.00053	.00056	.00025	.02106	.00011	.0150
%RSD	1.0386	.34117	3.5974	227.07	1.5270	2.3169	1.5539	1.0310
#1	-.00034	9.0111	.01521	.00015	.01629	.89386	.00698	1.4706
#2	-.00034	8.9677	.01446	-.00064	.01665	.92363	.00714	1.4493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00030	3.5751	.00036	.07574	.45431	.00196	.07037
Stddev	.00031	.00017	.0979	.00015	.00002	.00368	.00011	.00025
%RSD	1402.9	54.529	2.7373	39.910	.02514	.80940	5.4930	.35366
#1	.00024	-.00019	3.5059	.00047	.07573	.45691	.00189	.07020
#2	-.00019	-.00042	3.6443	.00026	.07576	.45171	.00204	.07055

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.88532	.37993	-.00434	.00320	.00300
Stddev	.00392	.02543	.00049	.00043	.00106
%RSD	.44330	6.6921	11.221	13.474	35.218
#1	.88809	.36195	-.00469	.00351	.00226
#2	.88254	.39791	-.00400	.00290	.00375

Sample Name: PB38749BL Acquired: 12/29/2008 12:05:34 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00199	.00102	.00285	.00223	-.00248	.00683	.00005
Stddev	.00042	.00071	.00059	.00225	.00038	.00192	.00155	.00000
%RSD	85.754	35.644	57.496	78.948	16.831	77.376	22.746	8.7411
#1	.00019	.00149	.00061	.00126	.00249	-.00383	.00793	.00004
#2	.00078	.00249	.00144	.00445	.00196	-.00112	.00573	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00700	.00057	.00035	.00057	-.00078	.00030	.01836
Stddev	.00001	.00195	.00057	.00038	.00009	.01077	.00004	.02777
%RSD	2.6318	27.847	99.116	107.68	16.398	1387.4	13.500	151.23
#1	.00033	.00837	.00017	.00062	.00050	-.00839	.00033	.03800
#2	.00034	.00562	.00098	.00008	.00063	.00684	.00027	-.00127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00017	.00176	.00050	.00089	.00073	.00123	.00339
Stddev	.00047	.00028	.00342	.00020	.00017	.00515	.00001	.00053
%RSD	288.88	161.84	194.13	40.183	19.166	703.88	.64534	15.592
#1	-.00049	-.00037	-.00066	.00064	.00101	-.00291	.00122	.00376
#2	.00017	.00002	.00419	.00036	.00077	.00437	.00123	.00302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00216	F.01539	.00173	.00149	.00116
Stddev	.00274	.02400	.00013	.00131	.00056
%RSD	127.01	155.98	7.7029	87.800	48.726
#1	.00410	-.00158	.00163	.00056	.00076
#2	.00022	.03235	.00182	.00241	.00155

Sample Name: PB38749BS Acquired: 12/29/2008 12:07:42 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85418	1.9458	1.1102	2.2579	.89945	2.1158	.21390
Stddev	.00018	.0045	.0040	.0153	.00144	.0203	.00217
%RSD	.02153	.23246	.35869	.67769	.16010	.95725	1.0128
#1	.85405	1.9489	1.1130	2.2687	.90047	2.1301	.21237
#2	.85431	1.9426	1.1074	2.2471	.89843	2.1015	.21543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21820	.20102	1.0604	.43487	.22303	.33578	3.1968
Stddev	.00175	.00049	.0243	.00307	.00072	.00116	.0294
%RSD	.80083	.24312	2.2872	.70515	.32187	.34580	.91860
#1	.21943	.20136	1.0432	.43704	.22252	.33660	3.1760
#2	.21696	.20067	1.0775	.43271	.22354	.33496	3.2175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20935	2.0811	.46719	.07828	2.9873	.32861	.22791
Stddev	.00234	.0165	.00083	.00005	.0275	.00060	.00080
%RSD	1.1156	.79504	.17692	.06759	.92118	.18354	.35259
#1	.20770	2.0694	.46660	.07832	2.9678	.32819	.22848
#2	.21101	2.0928	.46777	.07824	3.0067	.32904	.22734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6098	F.44166	F.32146	F-.00433	F1.0410	F.78259	F.20581
Stddev	.0915	.00050	.00268	.00169	.0145	.00077	.00244
%RSD	.95226	.11343	.83294	39.160	1.3944	.09868	1.1836
#1	9.5451	.44202	.31957	-.00313	1.0513	.78314	.20408
#2	9.6745	.44131	.32336	-.00552	1.0307	.78204	.20753

Sample Name: PB38749BS Acquired: 12/29/2008 12:07:42 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.19937
Stddev	.00135
%RSD	.67603
#1	.19841
#2	.20032

Sample Name: Z5882-01 Acquired: 12/29/2008 12:09:46 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00200	.02187	.00503	.00151	4.0072	.03850	.00033
Stddev	.00130	.00167	.00070	.00215	.00141	.0021	.00005	.00000
%RSD	76.087	83.574	3.1845	42.779	93.205	.05165	.13162	.73726
#1	-.00262	-.00082	.02138	.00655	.00251	4.0087	.03846	.00033
#2	-.00079	-.00318	.02237	.00351	.00051	4.0058	.03853	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	9.8795	.01097	.00130	.01049	7.0605	.06154	3.0354
Stddev	.00021	.0326	.00008	.00022	.00033	.0419	.00005	.0211
%RSD	77.272	.33036	.68804	17.056	3.1709	.59385	.07726	.69579
#1	.00042	9.8564	.01092	.00114	.01072	7.0308	.06150	3.0204
#2	.00012	9.9026	.01102	.00145	.01025	7.0901	.06157	3.0503

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	.00100	33.379	.01124	.04021	2.5847	.00198	.03095
Stddev	.00127	.00025	.024	.00031	.00025	.0196	.00029	.00048
%RSD	30.313	25.400	.07220	2.7549	.63371	.75740	14.513	1.5541
#1	.00510	.00082	33.362	.01102	.04039	2.5708	.00218	.03129
#2	.00330	.00117	33.396	.01146	.04003	2.5985	.00177	.03061

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.8522	6.5798	-.00964	.10154	.00659
Stddev	.0167	.0317	.00036	.00141	.00004
%RSD	.43459	.48112	3.7416	1.3932	.67469
#1	3.8404	6.5574	-.00939	.10254	.00656
#2	3.8641	6.6022	-.00990	.10054	.00662

Sample Name: Z5882-01D Acquired: 12/29/2008 12:13:37 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00199	.02192	.00447	.00111	4.0118	.03992	.00034
Stddev	.00162	.00026	.00008	.00165	.00010	.0380	.00010	.00008
%RSD	948.83	13.217	.35103	36.872	9.2053	.94746	.25135	23.610
#1	.00098	-.00217	.02186	.00330	.00104	3.9849	.03999	.00040
#2	-.00132	-.00180	.02197	.00563	.00119	4.0387	.03985	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	9.9860	.01040	.00136	.01048	7.1622	.06226	3.0650
Stddev	.00005	.0580	.00100	.00072	.00007	.0075	.00098	.0216
%RSD	16.162	.58067	9.5890	53.165	.65443	.10464	1.5707	.70523
#1	.00026	9.9450	.01110	.00187	.01043	7.1675	.06157	3.0497
#2	.00032	10.027	.00969	.00085	.01052	7.1569	.06295	3.0803

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	.00084	33.209	.01111	.03985	2.5708	.00145	.02943
Stddev	.00008	.00000	.189	.00009	.00056	.0471	.00029	.00002
%RSD	1.9746	.09692	.56874	.84667	1.4129	1.8323	20.286	.06622
#1	.00426	.00084	33.075	.01104	.03945	2.5375	.00125	.02944
#2	.00414	.00084	33.342	.01118	.04024	2.6042	.00166	.02942

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.8553	6.7200	-.00958	.10337	.00605
Stddev	.0127	.0068	.00050	.00094	.00023
%RSD	.32856	.10084	5.2196	.90648	3.8567
#1	3.8464	6.7152	-.00923	.10271	.00621
#2	3.8643	6.7248	-.00993	.10403	.00588

Sample Name: Z5882-01L Acquired: 12/29/2008 12:18:07 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00021	.00405	.00327	.00034	.81909	^*****	.00003
Stddev	.00226	.00082	.00128	.00144	.00016	.00238	-----	.00005
%RSD	1511.4	396.96	31.703	43.954	48.914	.29075	-----	143.58
#1	-.00145	-.00078	.00314	.00428	.00022	.82078	^ -----	.00007
#2	.00175	.00037	.00496	.00225	.00045	.81741	.00867	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.9976	.00158	.00018	.00177	1.4579	.01262	.65394
Stddev	.00004	.0197	.00041	.00011	.00112	.0145	.00018	.01798
%RSD	368.82	.98511	26.190	60.977	63.173	.99464	1.4333	2.7493
#1	-.00004	2.0115	.00187	.00026	.00098	1.4682	.01249	.64122
#2	.00002	1.9836	.00128	.00010	.00257	1.4477	.01275	.66665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00042	6.3047	.00191	.00902	.49873	.00012	.00812
Stddev	.00025	.00005	.0137	.00068	.00008	.02090	.00007	.00115
%RSD	310.03	12.927	.21769	35.547	.93048	4.1911	59.428	14.119
#1	.00026	-.00039	6.3144	.00143	.00896	.48395	.00017	.00893
#2	-.00010	-.00046	6.2950	.00239	.00908	.51351	.00007	.00731

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.83769	1.3964	-.00242	.02158	.00167
Stddev	.00173	.0233	.00063	.00079	.00019
%RSD	.20604	1.6711	25.906	3.6436	11.520
#1	.83891	1.3799	-.00198	.02213	.00180
#2	.83647	1.4129	-.00286	.02102	.00153

Sample Name: Z5882-01S Acquired: 12/29/2008 12:20:41 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75052	1.6273	.97035	1.7623	.77558	5.8664	.24037	.18255	.17114
Stddev	.00333	.0092	.00331	.0017	.00142	.0158	.00057	.00011	.00008
%RSD	.44402	.56724	.34120	.09458	.18365	.27000	.23509	.06103	.04803
#1	.74816	1.6208	.96801	1.7611	.77658	5.8776	.23997	.18247	.17108
#2	.75288	1.6338	.97269	1.7634	.77457	5.8552	.24077	.18263	.17119

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7135	.39883	.19779	.29900	9.7965	.25033	4.7356	.41173	.07011
Stddev	.0015	.00026	.00129	.00032	.0092	.00003	.0194	.00045	.00013
%RSD	.01555	.06563	.65176	.10728	.09390	.01014	.41004	.10815	.18789
#1	9.7145	.39865	.19688	.29877	9.7900	.25035	4.7494	.41141	.07021
#2	9.7124	.39902	.19870	.29922	9.8030	.25032	4.7219	.41204	.07002

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.732	.30965	.22435	11.936	.39982	.29825	3.7198	7.6337	.66414
Stddev	.015	.00218	.00152	.015	.00109	.00217	.0221	.0143	.00166
%RSD	.04210	.70280	.67591	.12711	.27241	.72706	.59464	.18779	.25066
#1	34.721	.31119	.22328	11.925	.39905	.29978	3.7041	7.6438	.66531
#2	34.742	.30811	.22543	11.946	.40059	.29672	3.7354	7.6235	.66296

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	.28815	.21031
Stddev	.00095	.00005
%RSD	.33074	.02529
#1	.28882	.21035
#2	.28748	.21028

Sample Name: Z5882-01SD Acquired: 12/29/2008 12:23:14 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74958	1.6332	.97805	1.7628	.77944	5.8942	.24104	.18435	.17180
Stddev	.00266	.0048	.00313	.0018	.00260	.0229	.00025	.00035	.00006
%RSD	.35455	.29432	.32013	.09995	.33406	.38827	.10310	.18855	.03291
#1	.75146	1.6366	.98027	1.7640	.77760	5.8780	.24087	.18459	.17184
#2	.74770	1.6298	.97584	1.7615	.78129	5.9104	.24122	.18410	.17176

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9112	.40105	.19799	.30015	9.9972	.25548	4.8128	.41240	.07039
Stddev	.0359	.00013	.00103	.00212	.0240	.00032	.0596	.00059	.00031
%RSD	.36248	.03267	.51989	.70553	.24059	.12501	1.2389	.14230	.43412
#1	9.9366	.40096	.19871	.30164	10.014	.25570	4.7706	.41281	.07018
#2	9.8858	.40115	.19726	.29865	9.9801	.25525	4.8549	.41198	.07061

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.724	.31020	.22520	12.002	.40208	.30481	3.7275	7.7819	.66468
Stddev	.119	.00108	.00090	.101	.00014	.00040	.0053	.0232	.00301
%RSD	.34359	.34684	.40086	.84521	.03391	.13040	.14120	.29781	.45234
#1	34.809	.31096	.22584	12.073	.40198	.30453	3.7313	7.7982	.66256
#2	34.640	.30943	.22456	11.930	.40218	.30509	3.7238	7.7655	.66681

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	.29285	.20967
Stddev	.00141	.00115
%RSD	.48193	.54969
#1	.29385	.21049
#2	.29185	.20886

Sample Name: Z5882-02 Acquired: 12/29/2008 12:25:39 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00147	.01593	.00572	.00053	5.1000	.03097	.00030
Stddev	.00168	.00115	.00146	.00041	.00081	.0105	.00080	.00017
%RSD	134.21	77.961	9.1791	7.2209	154.03	.20621	2.5788	57.252
#1	-.00006	-.00066	.01696	.00543	.00110	5.1075	.03040	.00042
#2	-.00244	-.00228	.01490	.00602	-.00005	5.0926	.03153	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	9.8092	.03983	.00208	.00774	6.0320	.03864	4.5533
Stddev	.00011	.0335	.00013	.00028	.00018	.0166	.00049	.0141
%RSD	85.163	.34194	.31642	13.681	2.2821	.27502	1.2606	.30946
#1	.00005	9.7855	.03974	.00188	.00762	6.0437	.03899	4.5633
#2	.00022	9.8329	.03992	.00228	.00787	6.0203	.03830	4.5433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.00063	36.351	.01583	.04374	3.2595	.00575	.04235
Stddev	.00007	.00012	.064	.00019	.00019	.0146	.00041	.00025
%RSD	1.0569	18.666	.17671	1.1695	.42442	.44900	7.1432	.58985
#1	.00644	.00054	36.305	.01596	.04387	3.2699	.00604	.04217
#2	.00634	.00071	36.396	.01570	.04361	3.2492	.00546	.04252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	6.5856	9.2227	-.00996	.14107	.01031
Stddev	.0101	.0245	.00028	.00123	.00071
%RSD	.15417	.26615	2.8609	.87195	6.8575
#1	6.5928	9.2401	-.01016	.14020	.01081
#2	6.5784	9.2054	-.00975	.14194	.00981

Sample Name: CCV Acquired: 12/29/2008 12:28:05 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7454	4.8833	4.7898	4.8587	4.7525	9.4465	9.5488	.23776	2.3898
Stddev	.0072	.0128	.0110	.0200	.0037	.0216	.0938	.00237	.0039
%RSD	.15195	.26204	.22954	.41241	.07734	.22908	.98184	.99638	.16389
#1	4.7403	4.8924	4.7976	4.8729	4.7499	9.4618	9.4825	.23944	2.3926
#2	4.7505	4.8743	4.7820	4.8446	4.7550	9.4312	9.6151	.23609	2.3871

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.619	.94070	2.3863	1.1942	4.7939	2.3908	23.810	2.3825	1.1772
Stddev	.079	.00081	.0055	.0014	.0409	.0206	.045	.0025	.0018
%RSD	.33295	.08643	.22878	.11727	.85410	.86247	.18705	.10556	.15370
#1	23.674	.94013	2.3901	1.1952	4.8228	2.4054	23.842	2.3843	1.1785
#2	23.563	.94128	2.3824	1.1932	4.7649	2.3762	23.779	2.3807	1.1759

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.712	2.3834	2.3923	23.551	4.8069	4.7516	4.7387	4.8614	4.7541
Stddev	.103	.0001	.0023	.079	.0074	.0068	.0072	.1014	.0038
%RSD	.43411	.00219	.09734	.33562	.15305	.14352	.15198	2.0860	.08054
#1	23.640	2.3834	2.3940	23.607	4.8121	4.7564	4.7438	4.7897	4.7514
#2	23.785	2.3834	2.3907	23.495	4.8017	4.7468	4.7336	4.9331	4.7568

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.7746	4.7741
Stddev	.0362	.0299
%RSD	.75826	.62709
#1	4.8002	4.7529
#2	4.7490	4.7952

Sample Name: CCB Acquired: 12/29/2008 12:31:12 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	.00388	.00150	.00417	.00310	.00262	.00265	.00003
Stddev	.00123	.00040	.00012	.00217	.00128	.00449	.00152	.00008
%RSD	39.745	10.274	8.1478	52.088	41.216	171.00	57.225	296.84
#1	.00223	.00360	.00141	.00264	.00401	-.00055	.00373	.00008
#2	.00397	.00417	.00159	.00571	.00220	.00580	.00158	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.00768	.00065	.00076	.00071	.00113	.00067	.02645
Stddev	.00037	.00041	.00001	.00012	.00049	.00296	.00082	.01708
%RSD	36.868	5.3680	1.6031	15.683	69.002	261.57	123.08	64.583
#1	.00075	.00739	.00064	.00067	.00036	.00322	.00125	.03853
#2	.00128	.00797	.00066	.00084	.00105	-.00096	.00009	.01437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00006	.00732	.00103	.00147	.00429	.01274	.01637
Stddev	.00024	.00027	.00707	.00012	.00045	.00630	.00186	.00205
%RSD	35.276	446.33	96.591	12.049	30.562	146.75	14.637	12.506
#1	.00084	.00013	.01232	.00112	.00115	.00875	.01406	.01781
#2	.00051	-.00025	.00232	.00094	.00179	-.00016	.01142	.01492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00162	F.04422	.00208	.00470	.00220
Stddev	.00633	.00105	.00042	.00027	.00071
%RSD	390.58	2.3782	20.092	5.7651	32.180
#1	-.00286	.04496	.00178	.00489	.00270
#2	.00610	.04348	.00237	.00451	.00170

Sample Name: CRI Acquired: 12/29/2008 12:33:22 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22364	.23818	.22873	.23936	.22381	.42340	.43671	.01110	.11525
Stddev	.00087	.00178	.00103	.00137	.00008	.00452	.00298	.00024	.00020
%RSD	.39078	.74610	.44900	.57257	.03540	1.0677	.68296	2.1706	.17055
#1	.22302	.23692	.22800	.24033	.22387	.42021	.43460	.01127	.11539
#2	.22426	.23943	.22945	.23839	.22376	.42660	.43882	.01093	.11512

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0421	.04397	.11412	.05767	.22767	.10787	1.0589	.11384	.05530
Stddev	.0032	.00038	.00012	.00045	.00694	.00001	.0191	.00093	.00074
%RSD	.30858	.87014	.10431	.78042	3.0492	.01252	1.8028	.81341	1.3422
#1	1.0444	.04424	.11420	.05799	.22276	.10786	1.0724	.11319	.05583
#2	1.0398	.04370	.11403	.05736	.23258	.10788	1.0454	.11450	.05478

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0155	.11050	.11530	1.0085	.22824	.21933	.22473	.26023	.22687
Stddev	.0007	.00062	.00053	.0087	.00070	.00048	.00005	.02167	.00001
%RSD	.06805	.56176	.46056	.85915	.30563	.21726	.02189	8.3267	.00279
#1	1.0150	.11094	.11493	1.0024	.22873	.21967	.22477	.24491	.22687
#2	1.0160	.11006	.11568	1.0147	.22774	.21899	.22470	.27555	.22686

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	.21720	.20604
Stddev	.00170	.00033
%RSD	.78362	.15926
#1	.21840	.20627
#2	.21599	.20581

Sample Name: ICSA Acquired: 12/29/2008 12:40:53 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	.00011	.00700	-.00041	-.00031	246.79	.00086	.00014
Stddev	.00310	.00167	.00148	.00167	.00374	1.16	.00056	.00009
%RSD	58.139	1482.9	21.121	406.05	1195.0	.47010	65.194	68.519
#1	.00753	.00130	.00804	.00077	-.00296	245.97	.00125	.00020
#2	.00314	-.00107	.00595	-.00159	.00233	247.61	.00046	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	249.56	.03993	.00383	.02162	98.277	.02079	266.62
Stddev	.00006	.20	.00016	.00046	.00027	.059	.00003	.14
%RSD	2.4220	.08111	.39456	12.083	1.2368	.06028	.13372	.05255
#1	.00241	249.70	.04004	.00350	.02143	98.235	.02081	266.52
#2	.00233	249.41	.03982	.00416	.02181	98.319	.02077	266.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01882	.01700	.87218	.00345	.02797	.01375	-.00010	-.00707
Stddev	.00053	.00028	.01336	.00051	.00103	.01859	.00013	.00092
%RSD	2.8182	1.6690	1.5318	14.757	3.6916	135.21	139.28	13.074
#1	.01920	.01720	.88162	.00380	.02870	.02689	-.00019	-.00772
#2	.01845	.01680	.86273	.00309	.02724	.00060	.00000	-.00641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06941	.04364	-.00396	-.00403	.00804
Stddev	.00164	.01884	.00125	.00019	.00018
%RSD	2.3622	43.163	31.500	4.6393	2.2972
#1	.06825	.05696	-.00308	-.00390	.00817
#2	.07057	.03032	-.00484	-.00416	.00791

Sample Name: ICSAB Acquired: 12/29/2008 12:47:53 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10226	.08494	.05849	.04990	.60876	245.22	.55106	.49949
Stddev	.00694	.00255	.00091	.00428	.00084	.50	.00226	.00139
%RSD	6.7916	3.0001	1.5610	8.5743	.13735	.20462	.41094	.27821
#1	.09735	.08674	.05784	.04688	.60935	245.58	.54946	.50048
#2	.10717	.08313	.05913	.05293	.60816	244.87	.55266	.49851

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83412	250.23	.51350	.46460	.49392	98.870	.54125	268.25
Stddev	.00111	.20	.00099	.00115	.00151	.116	.00056	.26
%RSD	.13349	.08087	.19303	.24735	.30542	.11704	.10350	.09841
#1	.83333	250.08	.51420	.46379	.49285	98.951	.54086	268.06
#2	.83491	250.37	.51279	.46541	.49499	98.788	.54165	268.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79907	.21036	.88585	.49550	.92993	.04353	.00147	-.00818
Stddev	.00572	.00032	.01008	.00162	.00442	.00413	.00034	.00237
%RSD	.71549	.15215	1.1376	.32744	.47536	9.4838	23.467	28.933
#1	.79503	.21013	.87873	.49664	.92681	.04645	.00171	-.00986
#2	.80311	.21059	.89298	.49435	.93306	.04061	.00122	-.00651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06590	.01661	-.00032	-.00557	F.01019
Stddev	.00251	.01588	.00046	.00051	.00020
%RSD	3.8029	95.650	142.49	9.1849	1.9932
#1	.06767	.02784	.00000	-.00594	.01005
#2	.06413	.00537	-.00065	-.00521	.01033

Sample Name: CCV Acquired: 12/29/2008 12:53:35 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6828	4.7822	4.6792	4.7822	4.6830	9.3769	9.6063	.23221	2.3355
Stddev	.0039	.0154	.0039	.0007	.0104	.0230	.0416	.00074	.0027
%RSD	.08380	.32131	.08310	.01420	.22211	.24499	.43280	.31676	.11406
#1	4.6856	4.7713	4.6820	4.7826	4.6756	9.3607	9.6357	.23273	2.3374
#2	4.6800	4.7930	4.6765	4.7817	4.6903	9.3932	9.5769	.23169	2.3336

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.910	.91522	2.3327	1.1756	4.7323	2.3287	23.376	2.3334	1.1489
Stddev	.035	.00078	.0028	.0010	.0417	.0006	.122	.0019	.0032
%RSD	.15325	.08520	.12127	.08260	.88130	.02651	.52390	.07972	.27989
#1	22.886	.91467	2.3347	1.1762	4.7618	2.3292	23.289	2.3347	1.1467
#2	22.935	.91577	2.3307	1.1749	4.7028	2.3283	23.463	2.3321	1.1512

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.679	2.3431	2.3228	23.442	4.7011	4.6541	4.6612	4.8149	4.6566
Stddev	.036	.0033	.0081	.082	.0036	.0122	.0010	.0587	.0105
%RSD	.15074	.14223	.34918	.34914	.07746	.26247	.02241	1.2184	.22558
#1	23.705	2.3407	2.3285	23.500	4.6985	4.6455	4.6604	4.7734	4.6641
#2	23.654	2.3454	2.3170	23.384	4.7037	4.6628	4.6619	4.8564	4.6492

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.6939	4.7980
Stddev	.0009	.0128
%RSD	.01845	.26736
#1	4.6945	4.8071
#2	4.6932	4.7890

Sample Name: CCB Acquired: 12/29/2008 12:55:49 Type: Unk
Method: P4-(v70) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	.00203	-.00022	.00269	.00380	.01803	.00121	.00019
Stddev	.00128	.00224	.00041	.00140	.00126	.00348	.00084	.00000
%RSD	55.415	110.29	184.57	52.021	33.153	19.301	69.395	.21951
#1	.00140	.00362	-.00051	.00170	.00469	.02049	.00181	.00019
#2	.00321	.00045	.00007	.00368	.00291	.01557	.00062	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.03464	.00002	.00077	.00042	.01125	.00021	.03310
Stddev	.00013	.00307	.00041	.00032	.00010	.00999	.00041	.02310
%RSD	16.717	8.8556	1857.3	41.871	23.654	88.863	201.50	69.786
#1	.00090	.03681	.00031	.00100	.00050	.01831	-.00009	.01676
#2	.00071	.03247	-.00027	.00054	.00035	.00418	.00050	.04943

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00046	.01462	.00041	.00129	.02760	.00972	.01358
Stddev	.00025	.00038	.00362	.00036	.00035	.01878	.00205	.00120
%RSD	113.93	82.458	24.736	87.129	26.827	68.060	21.078	8.8546
#1	.00004	.00019	.01718	.00067	.00153	.01432	.01117	.01443
#2	.00040	.00073	.01207	.00016	.00104	.04088	.00827	.01273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00237	F.03156	.00096	.00248	.00202
Stddev	.00393	.01100	.00061	.00007	.00080
%RSD	165.94	34.863	64.238	2.7899	39.430
#1	.00515	.02378	.00052	.00253	.00146
#2	-.00041	.03934	.00139	.00243	.00258

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Z5921 MATRIX: Air

METHOD: 7300/6010

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.	✓		
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	✓		
7.	Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	✓		
8.	Digestion Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

Mildred V. Reyes
I am approving this document
2009.02.10 15:16:33 -05'00'

QA REVIEW Date

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Z5921 MATRIX: Air

METHOD: 7300/6010

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.			✓
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
7.	Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
8.	Digestion Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			

Mildred V Reyes

Mildred V. Reyes
I am approving this document
2009.01.05 15:56:31 -05'00'

QA REVIEW Date

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z5921	**Order Date:**	12/19/2008
Client :	Weston Solutions, Inc.	**Project:**	RFP 085
Contact :	Smita Sumbaly	**Location :**	C51

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z5921-01	**JW-LD-3**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-02	**JW-LD-4**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-03	**JW-LD-5**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-04	**JW-LD-6**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-05	**JW-LD-7**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-06	**JW-LD-BK01**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-07	**JW-LD-BK-1**	**WATER**			**12/17/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-08	**JW-LD-FB**	**WATER**			**12/17/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-09	**JW-LD-FB1218**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-10	**JW-LD-LB**	**WATER**			**12/18/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	
Z5921-11	**JW-LD-RST-1218**	**WATER**			**12/18/08**			**12/19/08**

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

			Metals Group3	7300		12/24/08	12/29/08	
Z5921-12	**JW-LD-RST2**	**WATER**			**12/17/08**			**12/19/08**
			Metals Group3	7300		12/24/08	12/29/08	

ICP-4 ANALYSIS RUN LOG

METHOD:6010/200.7 PROJECT No: 25974 25973 25921 25882

RUN ID: LB122908A DATE: 12 / 29 / 08 ANALYST: D. Lopez SUPERVISOR REVIEW D. Lopez

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
S0	08:57							
S1A	09:01							
S1B	09:05							
S1	09:08							
S2	09:11							
S	09:21							
ICV	09:33							
ICB	09:40							
CRI	09:43							
ICSA	09:53							
ICSAB	09:56							
CCV	09:59							
CCB	10:01							

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB38727BL	PBW	10:07		200.7
PB38727BS	LCSW	10:10		
25974-01		10:17		
-01D		10:19		
-01L		10:22	5	
-01S		10:29		
-01SD		10:32		
-01A		10:35		
-02		10:37		
-03		10:39		
CCV		10:41		
CCB		10:43		
25974-04		10:47		200.7
-05		10:51		
25973-01		10:53		

Document Control # A3040152
Rev 1/2003

Page 1 of 3

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: 6010/200.7

PROJECT No:_____

DK 12/29/08

RUN ID: ~~LB4~~ LB122908A DATE: 12 / 29 / 08 ANALYST: D. Rogali

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
25973-02		10:55		200.7
-03		11:00		↓
-04		11:02		↓
-05		11:04		↓
PB58738 BL	PBS	11:08		
PB58738 BS	LCSS	11:12		
PB58738 BSD	LCSSD	11:14		
CCV		11:16		
CCB		11:18		
25921-01		11:21		1 → 7 ml
-02		11:23		↓
-03		11:25		↓
-04		11:27		↓
-05		11:29		↓
-06		11:32		↓
-07		11:36		↓
-08		11:37		↓
-09		11:41		↓
-10		~~11:44~~ 11:44	DK 12/29/08	↓
CCV		11:52		
CCB		11:56		
25921-11		11:59		1 → 7 ml
-12		12:03		↓
PB58749 BL	PBS	12:05		

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: 6010/200.7

PROJECT No:_____

RUN ID: LB122908A DATE: 12 / 29 / 08 ANALYST: D. Begali

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB38749BS	LCSS	12:07		
25882-01		12:09		
-01D		12:13		
-01L		12:18	5	
-01S		12:20		
-01SD		12:23		
-02		12:25		
CCV		12:28		
CCB		12:31		
CRI		12:33		
ICSA		12:40		
ICSAB		12:47		
CCV		12:53		
CCB		12:55		

7300

CHEMTECH

AIR FILTER
Soil/Sludge Preparation Worksheet
12/24/08

pb38738

SDG No _____

Matrix: SOIL/SLUDGE

Final Vol: 7 ML

Balance Calibration Check(1.00): 1.00 g

Method: 7300

Hot Plate Temp: (1.) 2. 3.

Batch #: pb38738

ICP Digest Date: 12/24/08

Sample Received By: D.M

Acceptance Range: +/- 1%

Supervisor Signature: D.M

Analyst Signature: [illegible]

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 2	~~0.10 ml~~ 0.07 ml	MM1541
Spike Sol. 2A	~~0.10 ml~~ 0.07 ml	MM1542
	12/24/08	

CHEMICAL USED	LOT #
CONC: HNO3	MR1831
CONC: HCL	MI1831
	12/24/08

Date/Time	Received By	Relinquished By	Location
12/24/08 4.00	D.M	[illegible]	ICP.lab

CHEMTECH

Soil/Sludge Sample Preparation Worksheet

Batch #: pb38738

LAB SAMPLE ID	CLIENT SAMPLE ID	WEIGHT	COLOR BEFORE	COLOR AFTER	Texture	ARTIFACT	COMMENTS
pb38738BL	PBS	~~0.10~~ 0.07	C	C	F		—12/24/08
pb38738BS	LCSS	~~0.10~~ 0.07	C	C	F		Spk sol. 2, Spk sol. 2A
Z5921-01	JW-LD-3	WHOLE FILTER	W	C	FILTER		
Z5921-02	JW-LD-4	WHOLE FILTER	W	C	FILTER		
Z5921-03	JW-LD-5	WHOLE FILTER	W	C	FILTER		
Z5921-04	JW-LD-6	WHOLE FILTER	W	C	FILTER		
Z5921-05	JW-LD-7	WHOLE FILTER	W	C	FILTER		
Z5921-06	JW-LD-BK01	WHOLE FILTER	W	C	FILTER		
Z5921-07	JW-LD-BK-1	WHOLE FILTER	W	C	FILTER		
Z5921-08	JW-LD-FB	WHOLE FILTER	W	C	FILTER		
Z5921-09	JW-LD-FB1218	WHOLE FILTER	W	C	FILTER		
Z5921-10	JW-LD-LB	WHOLE FILTER	W	C	FILTER		
Z5921-11	JW-LD-RST-1218	WHOLE FILTER	W	C	FILTER		
Z5921-12	JW-LD-RST2	WHOLE FILTER	W	C	FILTER		12/24/08

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

PB38738BSD LCSSD ~~0.10~~ 0.07 C C F Spk. sol. 2 Spk sol. 2A

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

z5921

Weston Solutions, Inc
Edison, NJ 08837

RFP#: 085/PO# 0065659

CHAIN OF CUSTODY RECORD
Site #: JW
Contact Name: Gary Boyer
Contact Phone: 732-585-4437

No: JW-12/18/08-0001

Lab: Chemtech
Lab Phone: 908-789-8900

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Volume	Vol Units
	JW-LD-3	Perimeter	Lead (Pb)		12/18/2008	1	MCE Cassette	728	Liters
	JW-LD-4	Perimeter	Lead (Pb)		12/18/2008	1	MCE Cassette	709.8	Liters
	JW-LD-5	Perimeter	Lead (Pb)		12/18/2008	1	MCE Cassette	704.45	Liters
	JW-LD-6	Perimeter	Lead (Pb)		12/18/2008	1	MCE Cassette	731.83	Liters
	JW-LD-7	Perimeter	Lead (Pb)		12/18/2008	1	MCE Cassette	743.18	Liters
	JW-LD-BK01	JW-LD-PERS-BK01	Lead (Pb)		12/18/2008	1	MCE Cassette	32.9	Liters
	JW-LD-BK-1	JW-LD-PERS-BK01	Lead (Pb)		12/17/2008	1	MCE Cassette	556.7	Liters
	JW-LD-FB	JW-LD-FB	Lead (Pb)		12/17/2008	1	MCE Cassette		
	JW-LD-FB 12 18	JW-LD-FB	Lead (Pb)		12/18/2008	1	MCE Cassette		
	JW-LD-LB	JW-LD-LB	Lead (Pb)		12/18/2008	1	MCE Cassette		
	JW-LD-RST-1218	JW-RST	Lead (Pb)		12/18/2008	1	MCE Cassette	161.54	Liters
	JW-LD-RST2	JW-LD-RST-02	Lead (Pb)		12/17/2008	1	MCE Cassette	556.48	Liters

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all transfer	Gary Boyer	12/18/08	Fed Ex	12/18/08	1900						
	FED EX	12-19-08	A Jiesh	12-19-08	9:40						

FedEx Express **US Airbill**

8681 3106 9780

0200 Form ID No

FedEx Retrieval Copy

1 From

Date 12/18/08 Sender's FedEx Account Number

Sender's Name Gary Boyer Phone 732 185-4437

Company Weber Solutions Inc

Address 1090 King Georges Post Rd Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference 20401-035-009-2130

3 To

Recipient's Name Kurt Hummler Phone 908 789-8900

Company Chemtech Consulting

Recipient's Address 284 Sheffield Street

We cannot deliver to P.O. boxes or P.O. ZIP codes Dept./Floor/Suite/Room

Address

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

City Mountainside State NJ ZIP 07092

AT 12-19-08 9:40

8681 3106 9780

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

1 [✓] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available

3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available

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

* To most locations.

4b Express Freight Service *Packages over 150 lbs.*

7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected

83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available

* Call for Confirmation:

** To most locations.

5 Packaging

6 [ ] FedEx Envelope*

2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

3 [✓] FedEx Box

4 [ ] FedEx Tube

1 [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

3 [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.

31 [ ] **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.

[✓] No

4 [ ] Yes — As per attached Shipper's Declaration

[ ] Yes — Shipper's Declaration not required

6 [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

[ ] Cargo Aircraft Only

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

1 [ ] Sender — Acct. No. in Section 1 will be billed

2 [ ] Recipient

3 [X] Third Party

4 [ ] Credit Card

5 [ ] Cash/Check

Obtain Recip Acct. No. [ ]

[redacted]

Total Packages 1

Total Weight 9

[redacted]

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

Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

[ ] No Signature Required — Package may be left without obtaining a signature for delivery

10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

Rev. Date 10/06•Part #158281•©1994-2006 FedEx•PRINTED IN U.S.A. SRY

fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone: 908 789 8900 Fax: 908 789 8922

END OF ANALYTICAL RESULTS