

Cover Page

Order ID : P4921

Project ID : Meeker Ave Plumes Superfund Site RI FS

Client : AECOM

Lab Sample Number

P4921-01

Client Sample Number

WC-11-A-202411

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 : _____

Date: 11/24/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates 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	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates 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 “PM” for ICP 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.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4921

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 11/24/2024

LAB CHRONICLE

OrderID:	P4921	OrderDate:	11/19/2024 12:44:00 PM
Client:	AECOM	Project:	Meeker Ave Plumes Superfund Site RI FS
Contact:	Amit Haryani	Location:	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4921-01	WC-11-A-202411	TCLP			11/19/24			11/19/24
			TCLP ICP Metals	6010D		11/20/24	11/21/24	
			TCLP Mercury	7470A		11/20/24	11/22/24	



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Hit Summary Sheet
SW-846

SDG No.: P4921

Order ID: P4921

Client: AECOM

Project ID: Meeker Ave Plumes Superfund Site RI FS

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P4921-01	WC-11-A-202411 WC-11-A-202411	TCLP	Barium	101	J	62.8	500	ug/L



SAMPLE DATA

Report of Analysis

Client:	AECOM	Date Collected:	11/19/24
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	11/19/24
Client Sample ID:	WC-11-A-202411	SDG No.:	P4921
Lab Sample ID:	P4921-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7440-39-3	Barium	101	J	1	62.8	500	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7439-97-6	Mercury	0.81	U	1	0.81	2.00	ug/L	11/20/24 12:12	11/22/24 09:18	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	11/20/24 11:15	11/21/24 17:18	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV97	Mercury	3.65	4.0	91	90 - 110	CV	11/22/2024	08:52	LB133570

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV31	Mercury	5.22	5.0	104	90 - 110	CV	11/22/2024	08:57	LB133570
CCV32	Mercury	5.03	5.0	101	90 - 110	CV	11/22/2024	09:30	LB133570
CCV33	Mercury	4.88	5.0	98	90 - 110	CV	11/22/2024	09:57	LB133570
CCV34	Mercury	4.92	5.0	98	90 - 110	CV	11/22/2024	10:27	LB133570
CCV35	Mercury	5.39	5.0	108	90 - 110	CV	11/22/2024	10:47	LB133570
CCV36	Mercury	5.31	5.0	106	90 - 110	CV	11/22/2024	11:17	LB133570

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM SDG No.: P4921
Contract: AECO02 Lab Code: CHEM Case No.: P4921 SAS No.: P4921
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	1010	1000	101	90 - 110	P	11/21/2024	12:15	LB133568
	Barium	520	520	100	90 - 110	P	11/21/2024	12:15	LB133568
	Cadmium	512	510	100	90 - 110	P	11/21/2024	12:15	LB133568
	Chromium	518	520	100	90 - 110	P	11/21/2024	12:15	LB133568
	Lead	1020	1000	102	90 - 110	P	11/21/2024	12:15	LB133568
	Selenium	1050	1000	105	90 - 110	P	11/21/2024	12:15	LB133568
	Silver	250	250	100	90 - 110	P	11/21/2024	12:15	LB133568

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM SDG No.: P4921
Contract: AECO02 Lab Code: CHEM Case No.: P4921 SAS No.: P4921
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	18.8	20.0	94	80 - 120	P	11/21/2024	12:36	LB133568
	Barium	95.6	100	96	80 - 120	P	11/21/2024	12:36	LB133568
	Cadmium	6.54	6.0	109	80 - 120	P	11/21/2024	12:36	LB133568
	Chromium	9.90	10.0	99	80 - 120	P	11/21/2024	12:36	LB133568
	Lead	11.5	12.0	96	80 - 120	P	11/21/2024	12:36	LB133568
	Selenium	18.5	20.0	92	80 - 120	P	11/21/2024	12:36	LB133568
	Silver	10.6	10.0	106	80 - 120	P	11/21/2024	12:36	LB133568

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5110	5000	102	90 - 110	P	11/21/2024	14:02	LB133568
	Barium	9520	10000	95	90 - 110	P	11/21/2024	14:02	LB133568
	Cadmium	2470	2500	99	90 - 110	P	11/21/2024	14:02	LB133568
	Chromium	1020	1000	102	90 - 110	P	11/21/2024	14:02	LB133568
	Lead	5040	5000	101	90 - 110	P	11/21/2024	14:02	LB133568
	Selenium	5150	5000	103	90 - 110	P	11/21/2024	14:02	LB133568
	Silver	1270	1250	102	90 - 110	P	11/21/2024	14:02	LB133568
CCV02	Arsenic	5220	5000	104	90 - 110	P	11/21/2024	15:02	LB133568
	Barium	9650	10000	96	90 - 110	P	11/21/2024	15:02	LB133568
	Cadmium	2510	2500	100	90 - 110	P	11/21/2024	15:02	LB133568
	Chromium	1060	1000	106	90 - 110	P	11/21/2024	15:02	LB133568
	Lead	5130	5000	103	90 - 110	P	11/21/2024	15:02	LB133568
	Selenium	5310	5000	106	90 - 110	P	11/21/2024	15:02	LB133568
	Silver	1300	1250	104	90 - 110	P	11/21/2024	15:02	LB133568
CCV03	Arsenic	4980	5000	100	90 - 110	P	11/21/2024	16:00	LB133568
	Barium	9690	10000	97	90 - 110	P	11/21/2024	16:00	LB133568
	Cadmium	2440	2500	98	90 - 110	P	11/21/2024	16:00	LB133568
	Chromium	1030	1000	103	90 - 110	P	11/21/2024	16:00	LB133568
	Lead	4960	5000	99	90 - 110	P	11/21/2024	16:00	LB133568
	Selenium	5070	5000	101	90 - 110	P	11/21/2024	16:00	LB133568
	Silver	1270	1250	102	90 - 110	P	11/21/2024	16:00	LB133568
CCV04	Arsenic	4940	5000	99	90 - 110	P	11/21/2024	16:53	LB133568
	Barium	9360	10000	94	90 - 110	P	11/21/2024	16:53	LB133568
	Cadmium	2410	2500	96	90 - 110	P	11/21/2024	16:53	LB133568
	Chromium	1010	1000	101	90 - 110	P	11/21/2024	16:53	LB133568
	Lead	4910	5000	98	90 - 110	P	11/21/2024	16:53	LB133568
	Selenium	4980	5000	100	90 - 110	P	11/21/2024	16:53	LB133568
	Silver	1250	1250	100	90 - 110	P	11/21/2024	16:53	LB133568
CCV05	Arsenic	4960	5000	99	90 - 110	P	11/21/2024	17:40	LB133568
	Barium	9520	10000	95	90 - 110	P	11/21/2024	17:40	LB133568
	Cadmium	2420	2500	97	90 - 110	P	11/21/2024	17:40	LB133568
	Chromium	1020	1000	102	90 - 110	P	11/21/2024	17:40	LB133568
	Lead	4930	5000	98	90 - 110	P	11/21/2024	17:40	LB133568
	Selenium	5020	5000	100	90 - 110	P	11/21/2024	17:40	LB133568

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM SDG No.: P4921
Contract: AECO02 Lab Code: CHEM Case No.: P4921 SAS No.: P4921
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	11/21/2024	17:40	LB133568
CCV06	Arsenic	5030	5000	101	90 - 110	P	11/21/2024	18:09	LB133568
	Barium	9570	10000	96	90 - 110	P	11/21/2024	18:09	LB133568
	Cadmium	2440	2500	98	90 - 110	P	11/21/2024	18:09	LB133568
	Chromium	1020	1000	102	90 - 110	P	11/21/2024	18:09	LB133568
	Lead	4970	5000	100	90 - 110	P	11/21/2024	18:09	LB133568
	Selenium	5100	5000	102	90 - 110	P	11/21/2024	18:09	LB133568
	Silver	1250	1250	100	90 - 110	P	11/21/2024	18:09	LB133568
CCV07	Arsenic	5030	5000	101	90 - 110	P	11/21/2024	18:44	LB133568
	Barium	9510	10000	95	90 - 110	P	11/21/2024	18:44	LB133568
	Cadmium	2420	2500	97	90 - 110	P	11/21/2024	18:44	LB133568
	Chromium	1010	1000	101	90 - 110	P	11/21/2024	18:44	LB133568
	Lead	4910	5000	98	90 - 110	P	11/21/2024	18:44	LB133568
	Selenium	5130	5000	102	90 - 110	P	11/21/2024	18:44	LB133568
	Silver	1240	1250	99	90 - 110	P	11/21/2024	18:44	LB133568



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Metals

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CRDL STANDARD FOR AA & ICP

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	21.2	20.0	106	40 - 160	P	11/21/2024	12:45	LB133568
	Barium	96.2	100	96	40 - 160	P	11/21/2024	12:45	LB133568
	Cadmium	7.10	6.0	118	40 - 160	P	11/21/2024	12:45	LB133568
	Chromium	10.2	10.0	102	40 - 160	P	11/21/2024	12:45	LB133568
	Lead	11.6	12.0	97	40 - 160	P	11/21/2024	12:45	LB133568
	Selenium	20.0	20.0	100	40 - 160	P	11/21/2024	12:45	LB133568
	Silver	10.6	10.0	106	40 - 160	P	11/21/2024	12:45	LB133568
CRA	Mercury	0.20	0.2	98	40 - 160	CV	11/22/2024	09:02	LB133570



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	AECOM				SDG No.:	P4921			
Contract:	AECO02	Lab Code:	CHEM		Case No.:	P4921	SAS No.:	P4921	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB97	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	08:55	LB133570

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB31	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	08:59	LB133570
CCB32	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	09:32	LB133570
CCB33	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	09:59	LB133570
CCB34	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	10:31	LB133570
CCB35	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	10:52	LB133570
CCB36	Mercury	0.20	+/-0.20	U	0.20	CV	11/22/2024	11:19	LB133570

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	12:40	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	12:40	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	12:40	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	12:40	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	12:40	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	12:40	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	12:40	LB133568

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>AECOM</u>		SDG No.: <u>P4921</u>							
Contract: <u>AECO02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4921</u>	SAS No.: <u>P4921</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	14:06	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	14:06	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	14:06	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	14:06	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	14:06	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	14:06	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	14:06	LB133568
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	15:13	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	15:13	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	15:13	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	15:13	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	15:13	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	15:13	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	15:13	LB133568
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	16:04	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	16:04	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	16:04	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	16:04	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	16:04	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	16:04	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	16:04	LB133568
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	16:57	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	16:57	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	16:57	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	16:57	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	16:57	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	16:57	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	16:57	LB133568
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	17:44	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	17:44	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	17:44	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	17:44	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	17:44	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	17:44	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	17:44	LB133568
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	18:14	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	18:14	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	18:14	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	18:14	LB133568

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>AECOM</u>		SDG No.: <u>P4921</u>							
Contract: <u>AECO02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4921</u>	SAS No.: <u>P4921</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	18:14	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	18:14	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	18:14	LB133568
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	11/21/2024	18:48	LB133568
	Barium	100	+/-100	U	100	P	11/21/2024	18:48	LB133568
	Cadmium	6.00	+/-6.00	U	6.00	P	11/21/2024	18:48	LB133568
	Chromium	10.0	+/-10.0	U	10.0	P	11/21/2024	18:48	LB133568
	Lead	12.0	+/-12.0	U	12.0	P	11/21/2024	18:48	LB133568
	Selenium	20.0	+/-20.0	U	20.0	P	11/21/2024	18:48	LB133568
	Silver	10.0	+/-10.0	U	10.0	P	11/21/2024	18:48	LB133568

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: AECOM

SDG No.: P4921

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165123TB		WATER		Batch Number:	PB165143		Prep Date:	11/20/2024	
	Mercury	2.00	<2.00	U	2.00	CV	11/22/2024	10:45	LB133570
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165143BL		WATER		Batch Number:	PB165143		Prep Date:	11/20/2024	
	Mercury	0.20	<0.20	U	0.20	CV	11/22/2024	09:14	LB133570

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: AECOM

SDG No.: P4921

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165123TB		WATER		Batch Number:	PB165142		Prep Date:	11/20/2024	
	Arsenic	100	<100	U	100	P	11/21/2024	17:27	LB133568
	Barium	500	<500	U	500	P	11/21/2024	17:27	LB133568
	Cadmium	30.0	<30.0	U	30.0	P	11/21/2024	17:27	LB133568
	Chromium	50.0	<50.0	U	50.0	P	11/21/2024	17:27	LB133568
	Lead	60.0	<60.0	U	60.0	P	11/21/2024	17:27	LB133568
	Selenium	100	<100	U	100	P	11/21/2024	17:27	LB133568
	Silver	50.0	<50.0	U	50.0	P	11/21/2024	17:27	LB133568
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165142BL		WATER		Batch Number:	PB165142		Prep Date:	11/20/2024	
	Arsenic	100	<100	U	100	P	11/21/2024	17:31	LB133568
	Barium	500	<500	U	500	P	11/21/2024	17:31	LB133568
	Cadmium	30.0	<30.0	U	30.0	P	11/21/2024	17:31	LB133568
	Chromium	50.0	<50.0	U	50.0	P	11/21/2024	17:31	LB133568
	Lead	60.0	<60.0	U	60.0	P	11/21/2024	17:31	LB133568
	Selenium	100	<100	U	100	P	11/21/2024	17:31	LB133568
	Silver	50.0	<50.0	U	50.0	P	11/21/2024	17:31	LB133568

Metals
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INTERFERENCE CHECK SAMPLE

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	4.85			-20	20	11/21/2024	12:49	LB133568
	Barium	2.20	6.0	37	-94	106	11/21/2024	12:49	LB133568
	Cadmium	6.13	1.0	613	-5	7	11/21/2024	12:49	LB133568
	Chromium	59.3	52.0	114	42	62	11/21/2024	12:49	LB133568
	Lead	7.66			-12	12	11/21/2024	12:49	LB133568
	Selenium	-7.87			-20	20	11/21/2024	12:49	LB133568
	Silver	-2.87			-10	10	11/21/2024	12:49	LB133568
ICSAB01	Arsenic	117	104	112	88.4	120	11/21/2024	12:58	LB133568
	Barium	511	537	95	437	637	11/21/2024	12:58	LB133568
	Cadmium	1030	972	106	826	1120	11/21/2024	12:58	LB133568
	Chromium	575	542	106	460	624	11/21/2024	12:58	LB133568
	Lead	59.0	49.0	120	37	61	11/21/2024	12:58	LB133568
	Selenium	43.0	46.0	94	26	66	11/21/2024	12:58	LB133568
	Silver	201	201	100	170	232	11/21/2024	12:58	LB133568



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4921-01 **client id:** WC-11-A-202411MS
Percent Solids for Sample: NA **Spiked ID:** P4921-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	37.7		2.00	U	40.0	94		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4921-01 **client id:** WC-11-A-202411MSD
Percent Solids for Sample: NA **Spiked ID:** P4921-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	38.9		2.00	U	40.0	97		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4929-02 **client id:** ARS520MS
Percent Solids for Sample: NA **Spiked ID:** P4929-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3870		100	U	4000	97		P
Barium	ug/L	75 - 125	1740		827		1000	91		P
Cadmium	ug/L	75 - 125	918		5.50	J	1000	91		P
Chromium	ug/L	75 - 125	1940		10.8	J	2000	97		P
Lead	ug/L	75 - 125	4460		52.7	J	5000	88		P
Selenium	ug/L	75 - 125	9560		100	U	10000	96		P
Silver	ug/L	75 - 125	353		50.0	U	380	93		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4929-02 **client id:** ARS520MSD
Percent Solids for Sample: NA **Spiked ID:** P4929-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4080		100	U	4000	102		P
Barium	ug/L	75 - 125	1850		827		1000	103		P
Cadmium	ug/L	75 - 125	972		5.50	J	1000	97		P
Chromium	ug/L	75 - 125	2050		10.8	J	2000	102		P
Lead	ug/L	75 - 125	4710		52.7	J	5000	93		P
Selenium	ug/L	75 - 125	10000		100	U	10000	100		P
Silver	ug/L	75 - 125	375		50.0	U	380	99		P

Metals
- 5b -

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Matrix: **Level:** LOW **Client ID:**
Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Matrix: Water **Sample ID:** P4921-01 **Client ID:** WC-11-A-202411DUP
Percent Solids for Sample: NA **Duplicate ID** P4921-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.00	U	2.00	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Matrix: Water **Sample ID:** P4921-01MS **Client ID:** WC-11-A-202411MSD
Percent Solids for Sample: NA **Duplicate ID** P4921-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	37.7		38.9		3		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Matrix: Water **Sample ID:** P4929-02 **Client ID:** ARS520DUP
Percent Solids for Sample: NA **Duplicate ID** P4929-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	827		875		6		P
Cadmium	ug/L	20	5.50	J	4.68	J	16		P
Chromium	ug/L	20	10.8	J	10.8	J	1		P
Lead	ug/L	20	52.7	J	49.9	J	5		P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921
Matrix: Water **Sample ID:** P4929-02MS **Client ID:** ARS520MSD
Percent Solids for Sample: NA **Duplicate ID** P4929-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3870		4080		5		P
Barium	ug/L	20	1740		1850		6		P
Cadmium	ug/L	20	918		972		6		P
Chromium	ug/L	20	1940		2050		6		P
Lead	ug/L	20	4460		4710		5		P
Selenium	ug/L	20	9560		10000		4		P
Silver	ug/L	20	353		375		6		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165142BS							
Arsenic	ug/L	4000	3780		94	80 - 120	P
Barium	ug/L	1000	930		93	80 - 120	P
Cadmium	ug/L	1000	932		93	80 - 120	P
Chromium	ug/L	2000	1970		98	80 - 120	P
Lead	ug/L	5000	4730		95	80 - 120	P
Selenium	ug/L	10000	9540		95	80 - 120	P
Silver	ug/L	380	368		97	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165143BS Mercury	ug/L	4.0	4.32		108	80 - 120	CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-11-A-202411L

Lab Name: Chemtech Consulting Group

Contract: AECO02

Lab Code: CHEM

Lb No.: lb133570

Lab Sample ID : P4921-01L

SDG No.: P4921

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	2.00 U	10.0 U			CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

ARS520L

Lab Name: Chemtech Consulting Group

Contract: AECO02

Lab Code: CHEM **Lb No.:** lb133568

Lab Sample ID : P4929-02L **SDG No.:** P4921

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	827		814	J	2		P
Cadmium	5.50	J	150	U	100.0		P
Chromium	10.8	J	250	U	100.0		P
Lead	52.7	J	300	U	100.0		P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: P4921

Contract: AECO02

Lab Code: CHEM

Case No.: P4921

SAS No.: P4921

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>AECOM</u>	SDG No.:	<u>P4921</u>
Contract:	<u>AECO02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P4921</u>
		SAS No.:	<u>P4921</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165142							
P4921-01	WC-11-A-202411	SAM	WATER	11/20/2024	5.0	25.0	
P4929-02DUP	ARS520DUP	DUP	WATER	11/20/2024	5.0	25.0	
P4929-02MS	ARS520MS	MS	WATER	11/20/2024	5.0	25.0	
P4929-02MSD	ARS520MSD	MSD	WATER	11/20/2024	5.0	25.0	
PB165123TB	PB165123TB	MB	WATER	11/20/2024	5.0	25.0	
PB165142BL	PB165142BL	MB	WATER	11/20/2024	5.0	25.0	
PB165142BS	PB165142BS	LCS	WATER	11/20/2024	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: AECOM **SDG No.:** P4921
Contract: AECO02 **Lab Code:** CHEM **Method:**
Case No.: P4921 **SAS No.:** P4921

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165143							
P4921-01	WC-11-A-202411	SAM	WATER	11/20/2024	3.0	30.0	
P4921-01DUP	WC-11-A-202411DUP	DUP	WATER	11/20/2024	3.0	30.0	
P4921-01MS	WC-11-A-202411MS	MS	WATER	11/20/2024	3.0	30.0	
P4921-01MSD	WC-11-A-202411MSD	MSD	WATER	11/20/2024	3.0	30.0	
PB165123TB	PB165123TB	MB	WATER	11/20/2024	3.0	30.0	
PB165143BL	PB165143BL	MB	WATER	11/20/2024	30.0	30.0	
PB165143BS	PB165143BS	LCS	WATER	11/20/2024	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: AECOM **Contract:** AECO02

Lab code: CHEM **Case no.:** P4921 **Sas no.:** P4921 **Sdg no.:** P4921

Instrument id number: **Method:** **Run number:** LB133568

Start date: 11/21/2024 **End date:** 11/21/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1149	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1154	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1158	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1202	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1206	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1211	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1215	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1236	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1240	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1258	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1402	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1406	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1513	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1600	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1604	Ag,As,Ba,Cd,Cr,Pb,Se
P4929-02DUP	ARS520DUP	1	1648	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1653	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1657	Ag,As,Ba,Cd,Cr,Pb,Se
P4929-02L	ARS520L	5	1701	Ag,As,Ba,Cd,Cr,Pb,Se
P4929-02MS	ARS520MS	1	1705	Ag,As,Ba,Cd,Cr,Pb,Se
P4929-02MSD	ARS520MSD	1	1710	Ag,As,Ba,Cd,Cr,Pb,Se
P4921-01	WC-11-A-202411	1	1718	Ag,As,Ba,Cd,Cr,Pb,Se
PB165123TB	PB165123TB	1	1727	Ag,As,Ba,Cd,Cr,Pb,Se
PB165142BL	PB165142BL	1	1731	Ag,As,Ba,Cd,Cr,Pb,Se
PB165142BS	PB165142BS	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1740	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1744	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1809	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1814	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1844	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1848	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: AECOM **Contract:** AECO02

Lab code: CHEM **Case no.:** P4921 **Sas no.:** P4921 **Sdg no.:** P4921

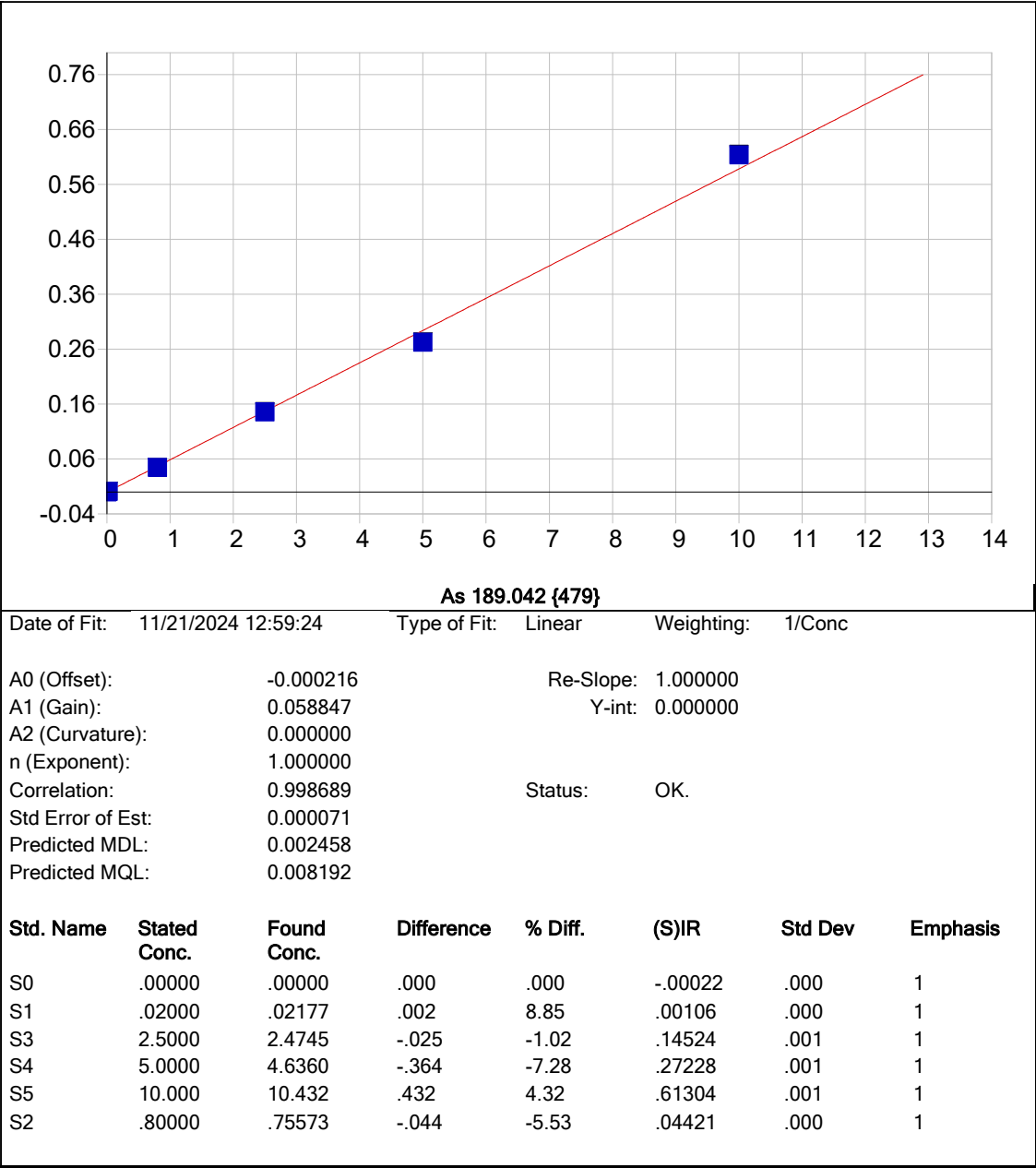
Instrument id number: **Method:** **Run number:** LB133570

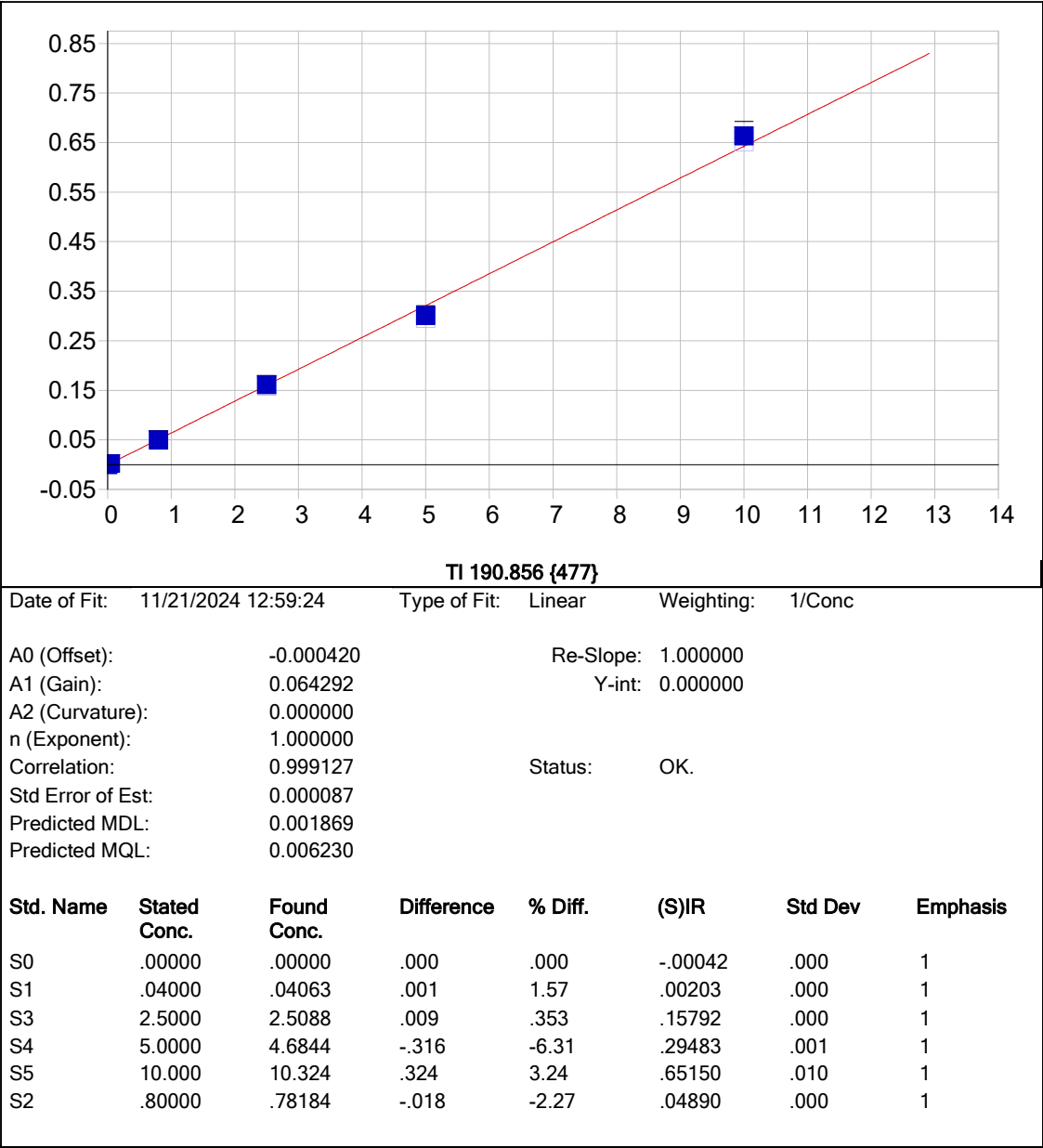
Start date: 11/22/2024 **End date:** 11/22/2024

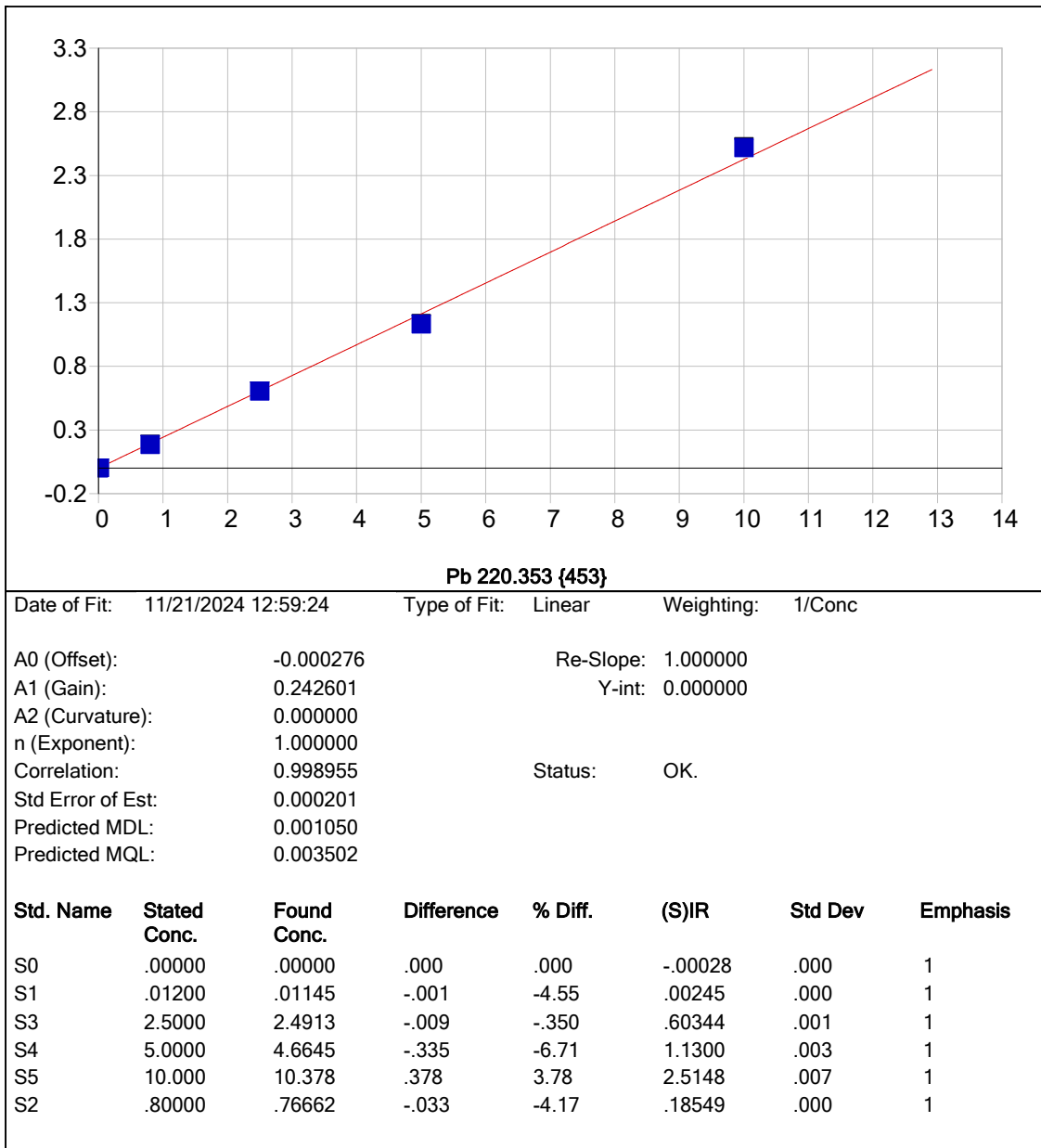
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0829	HG
S0.2	S0.2	1	0831	HG
S2.5	S2.5	1	0834	HG
S5	S5	1	0836	HG
S7.5	S7.5	1	0838	HG
S10	S10	1	0847	HG
ICV97	ICV97	1	0852	HG
ICB97	ICB97	1	0855	HG
CCV31	CCV31	1	0857	HG
CCB31	CCB31	1	0859	HG
CRA	CRA	1	0902	HG
PB165143BL	PB165143BL	1	0914	HG
PB165143BS	PB165143BS	1	0916	HG
P4921-01	WC-11-A-202411	1	0918	HG
P4921-01DUP	WC-11-A-202411DUP	1	0921	HG
P4921-01MS	WC-11-A-202411MS	1	0923	HG
P4921-01MSD	WC-11-A-202411MSD	1	0925	HG
CCV32	CCV32	1	0930	HG
CCB32	CCB32	1	0932	HG
CCV33	CCV33	1	0957	HG
CCB33	CCB33	1	0959	HG
CCV34	CCV34	1	1027	HG
CCB34	CCB34	1	1031	HG
PB165123TB	PB165123TB	1	1045	HG
CCV35	CCV35	1	1047	HG
CCB35	CCB35	1	1052	HG
P4921-01L	WC-11-A-202411L	5	1054	HG
CCV36	CCV36	1	1117	HG
CCB36	CCB36	1	1119	HG

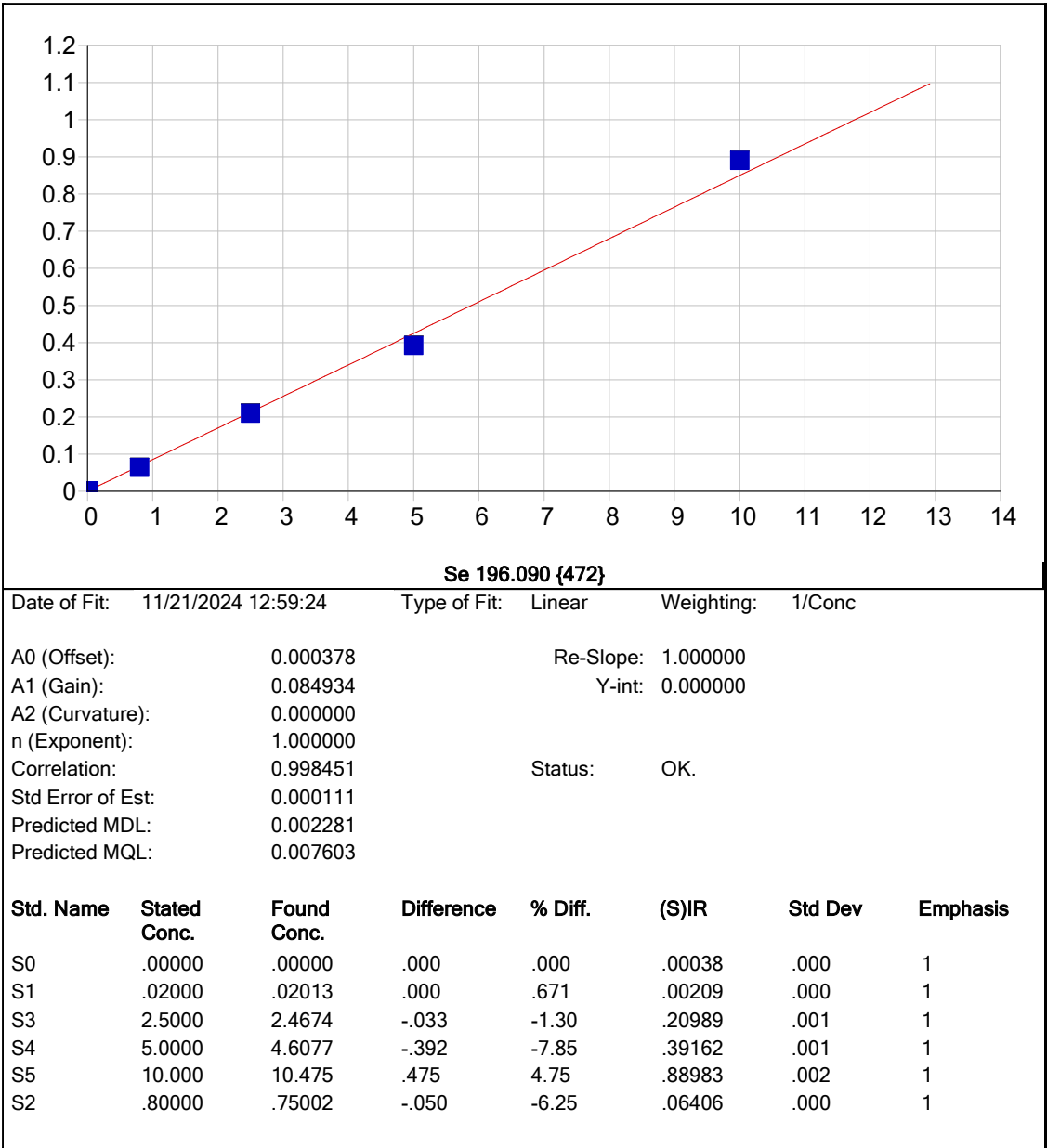


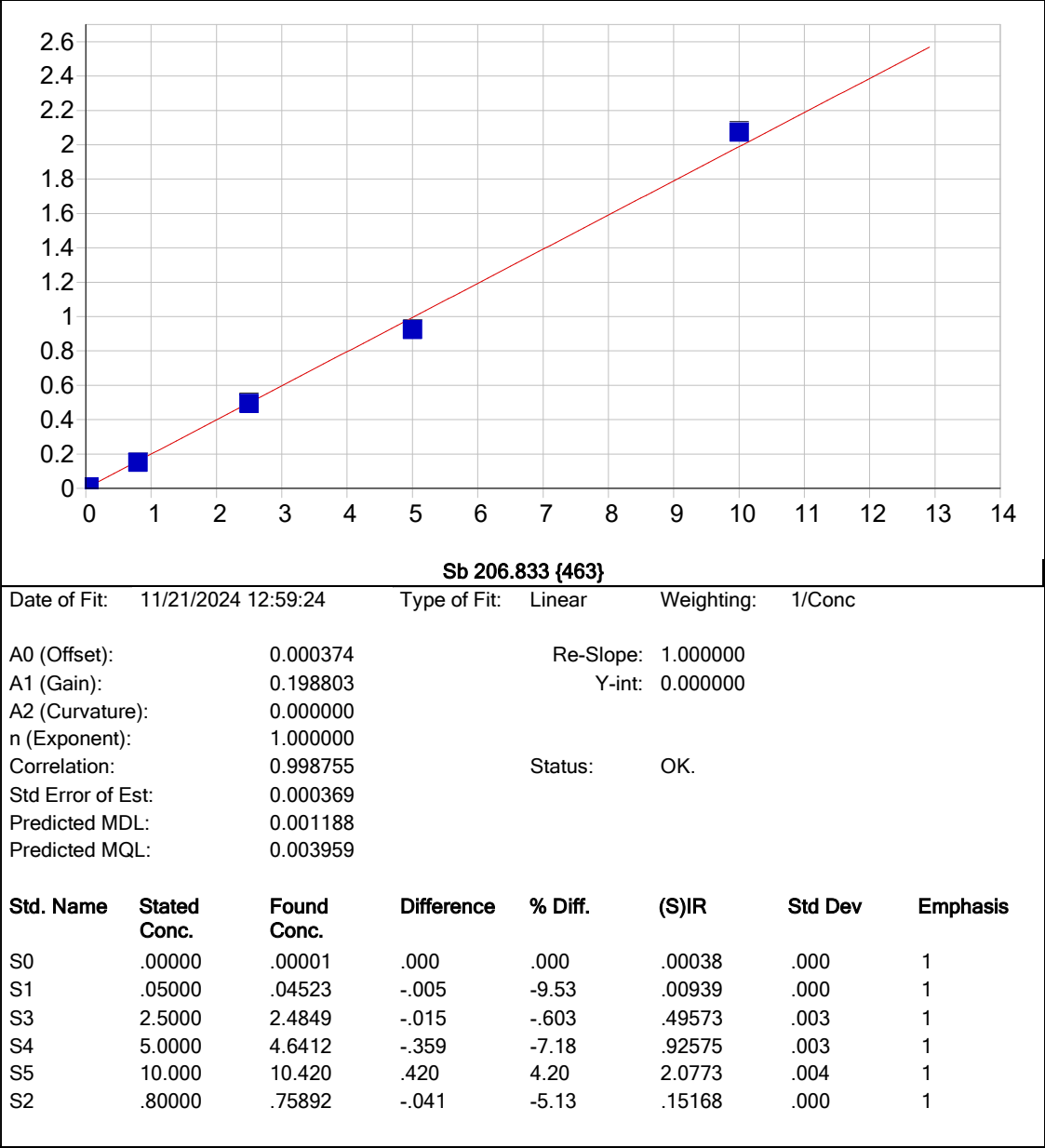
METAL RAW DATA

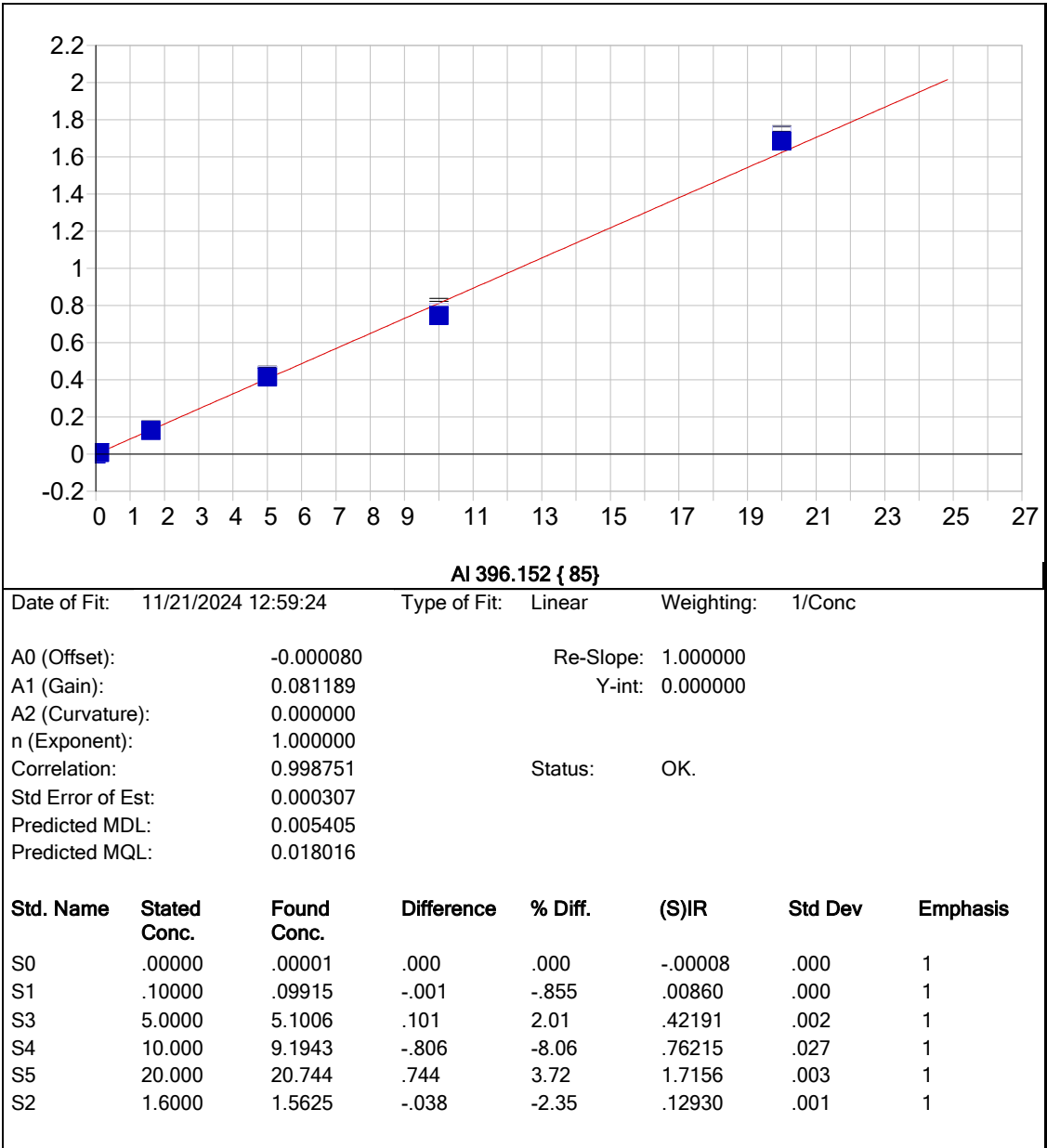






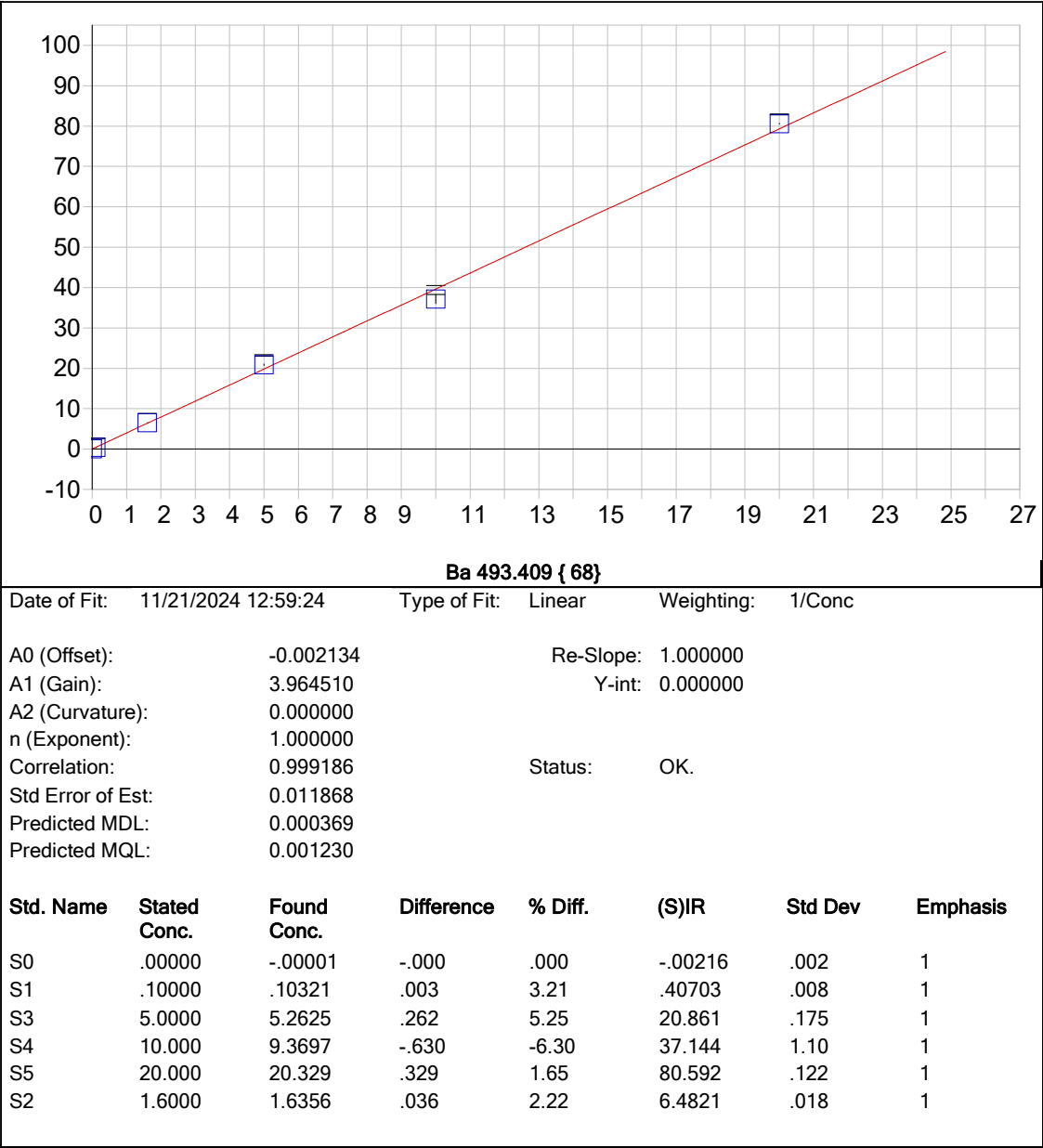


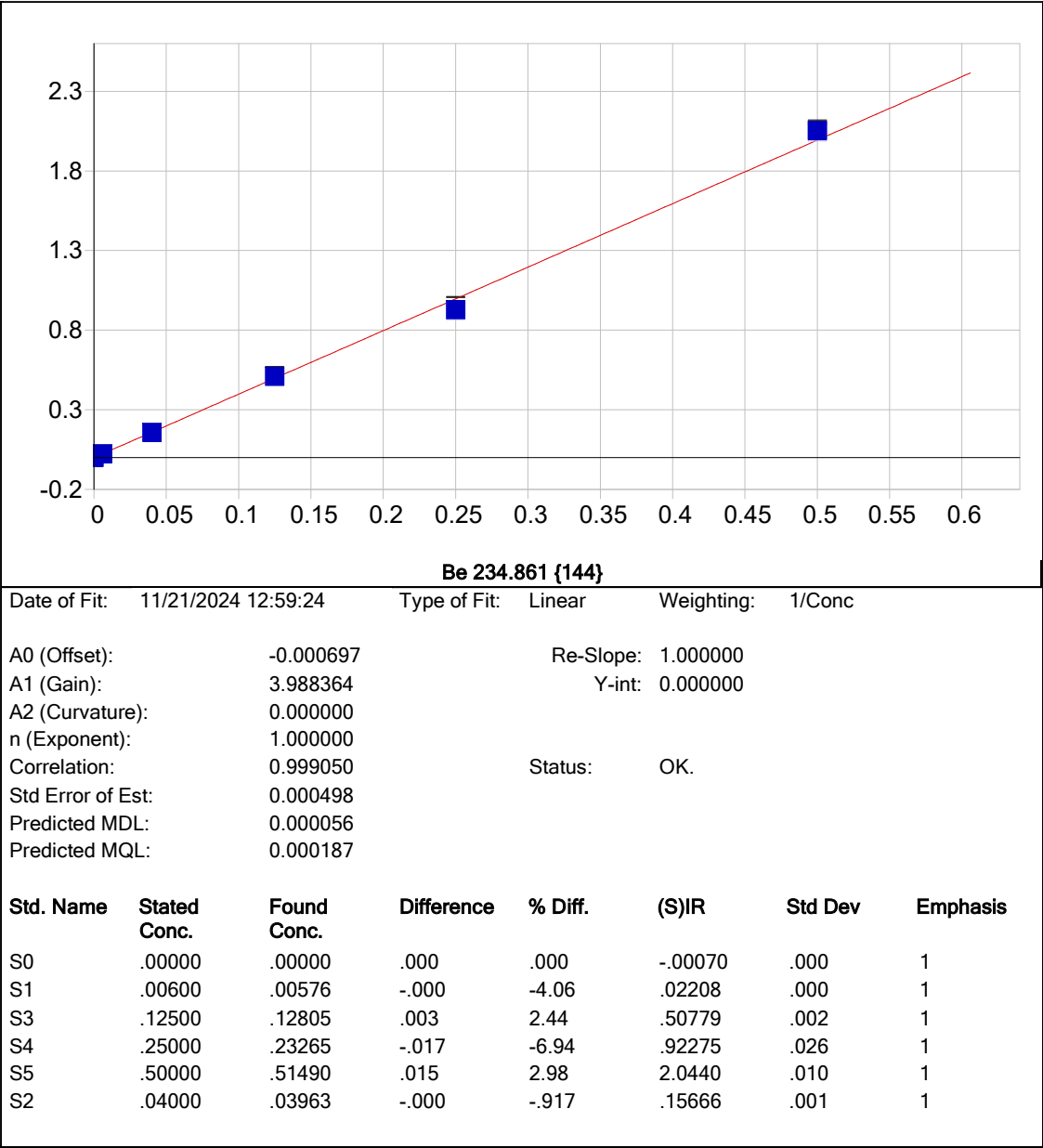


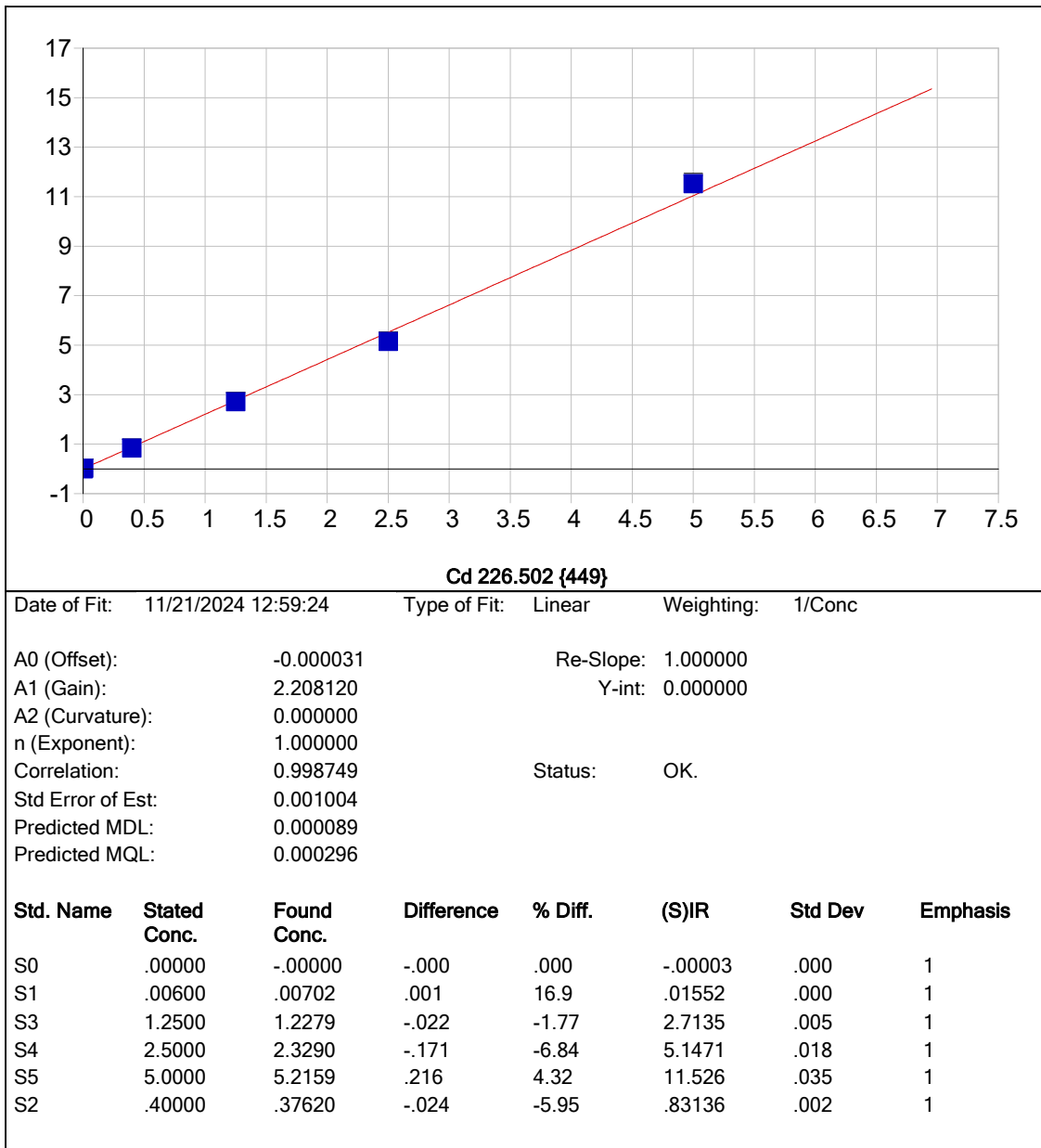


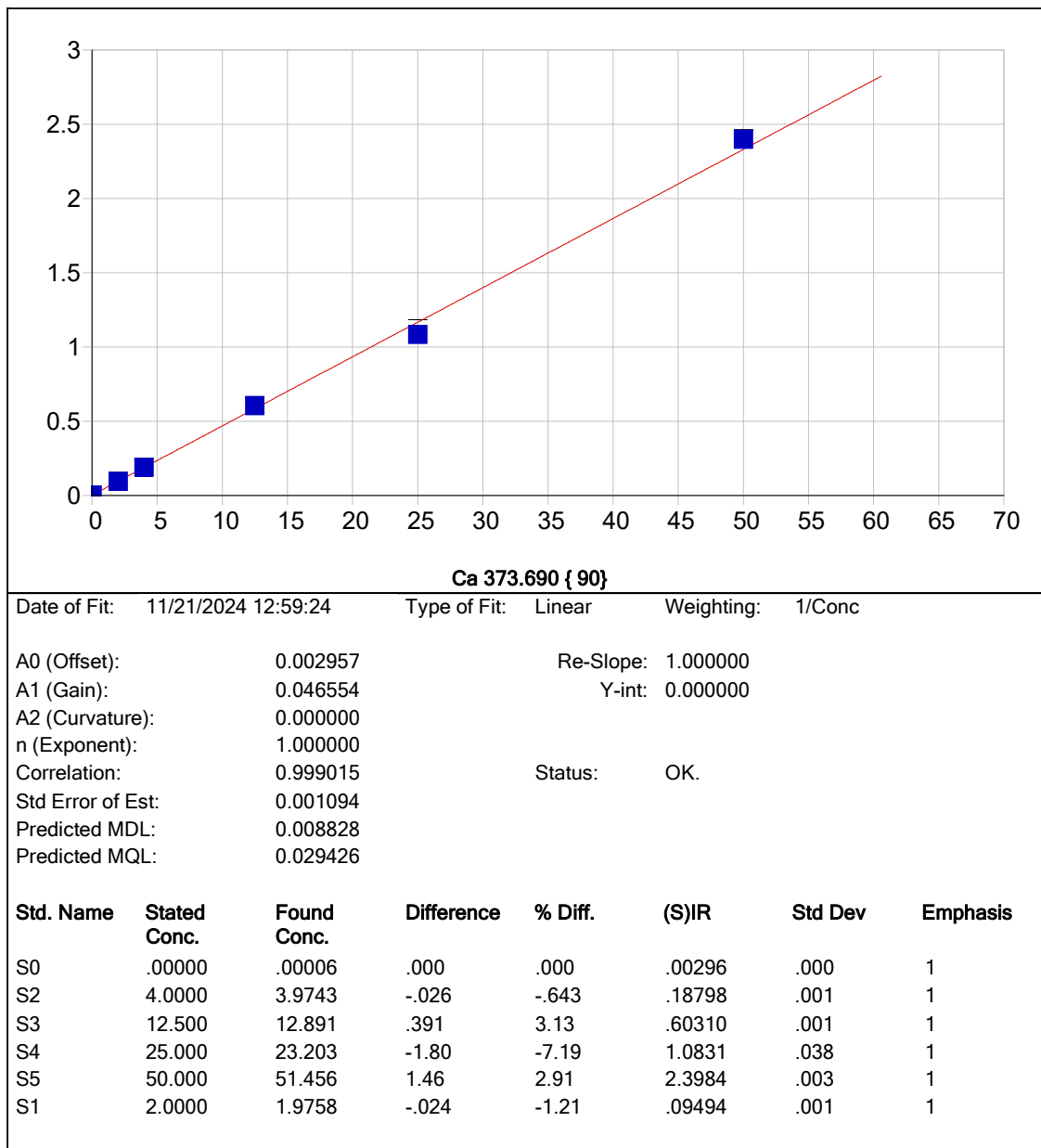
Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

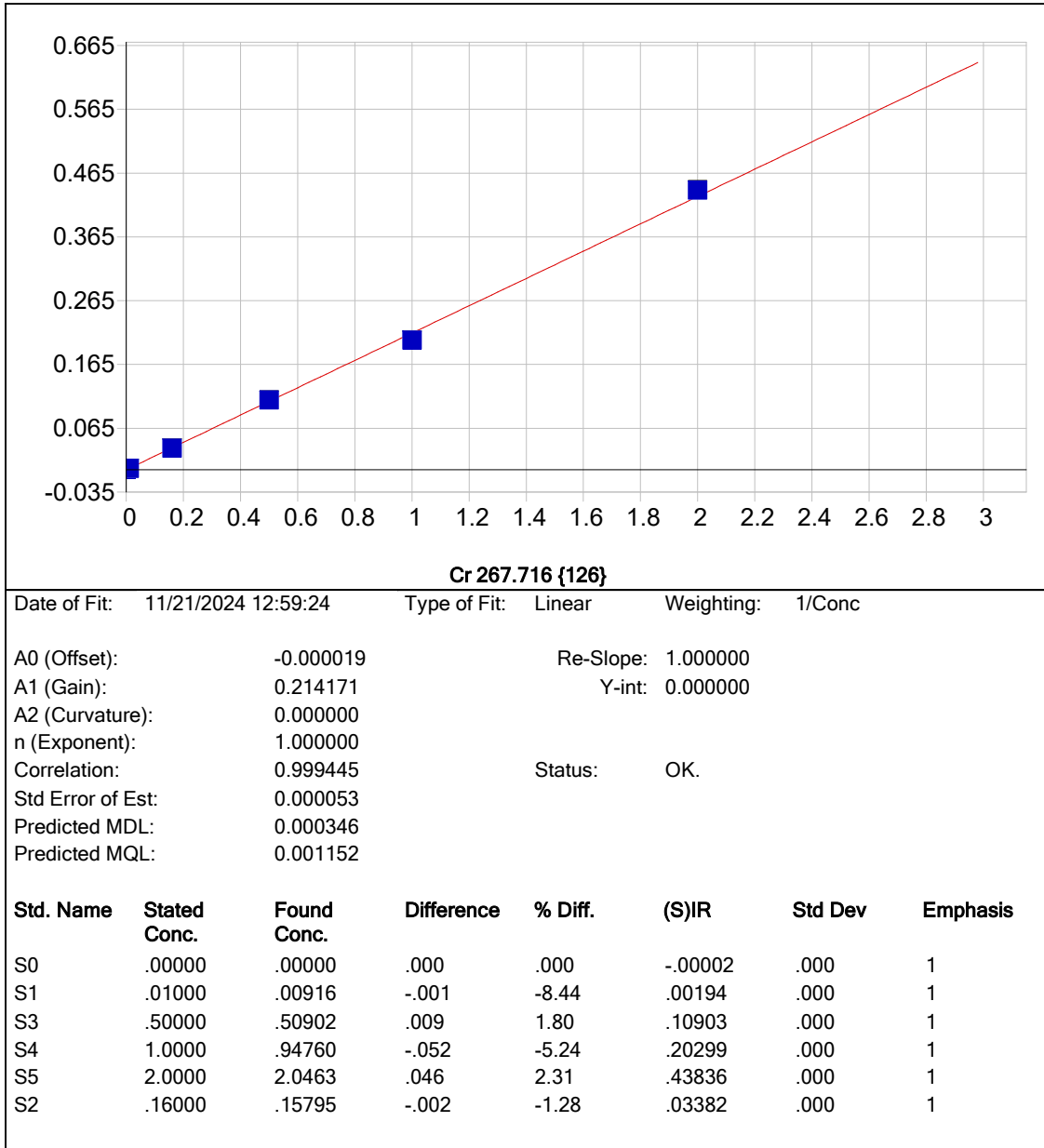
A0 (Offset): -0.000080 Re-Slope: 1.000000
A1 (Gain): 0.081189 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998751 Status: OK.
Std Error of Est: 0.000307
Predicted MDL: 0.005405
Predicted MQL: 0.018016





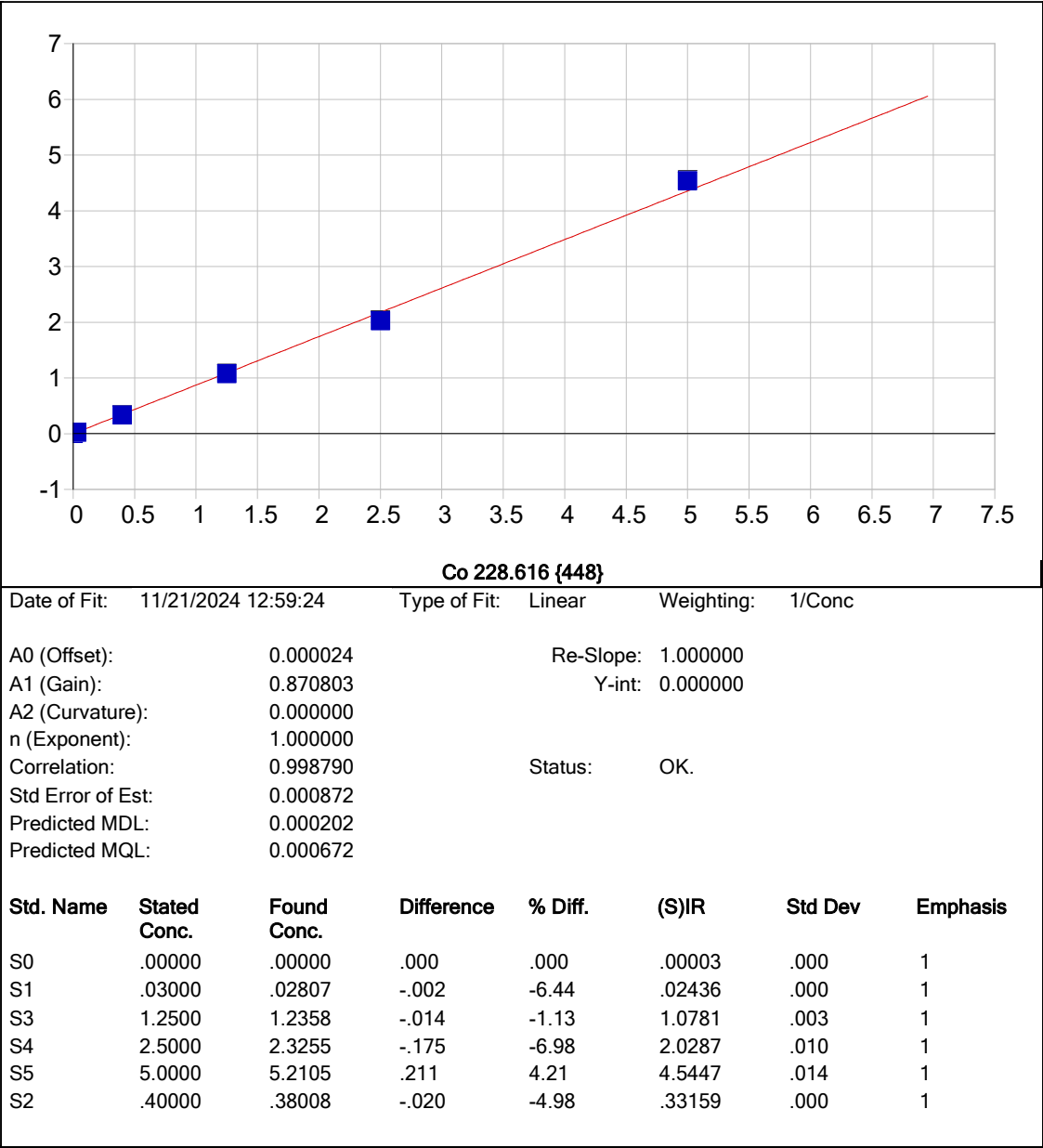


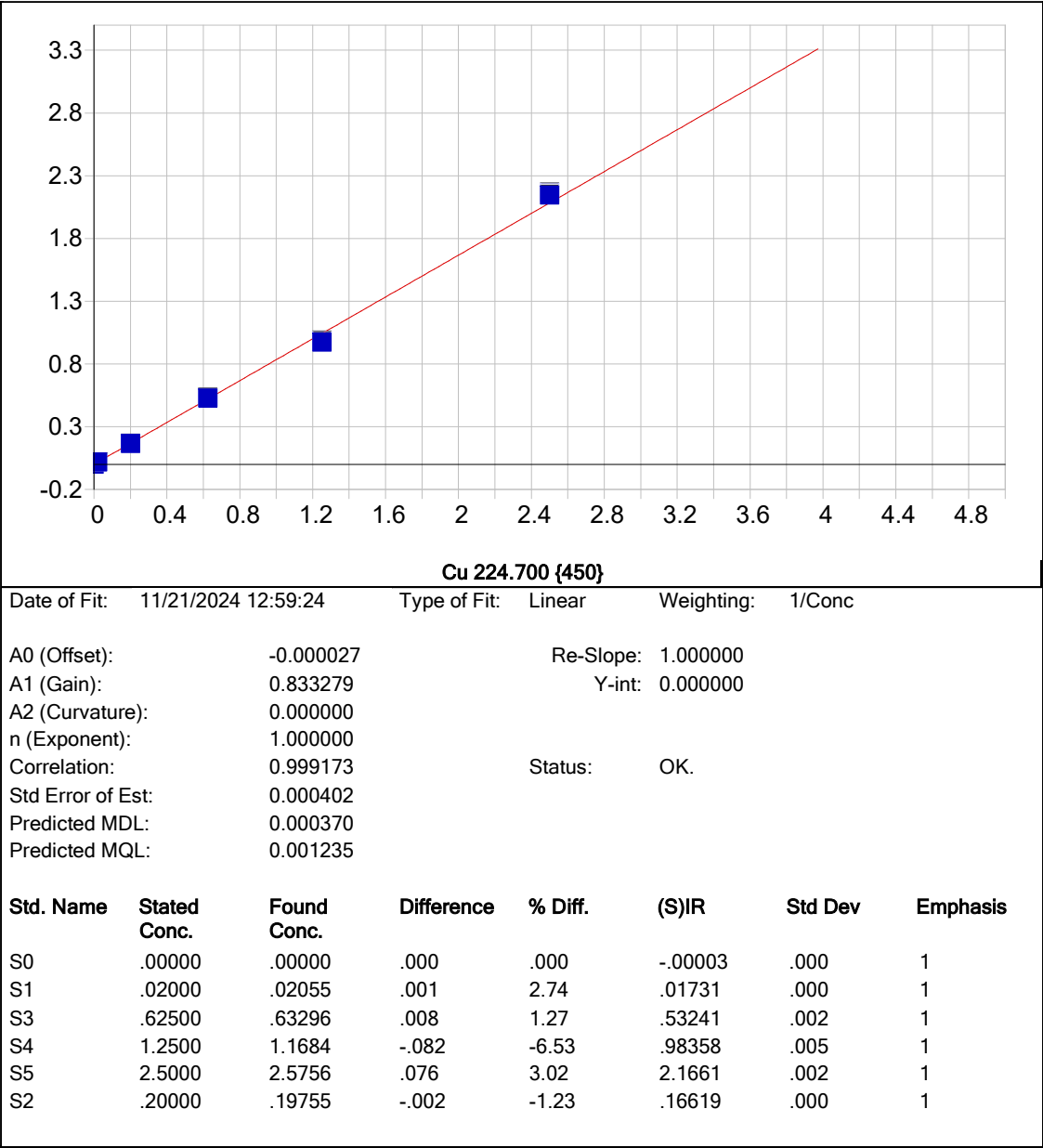


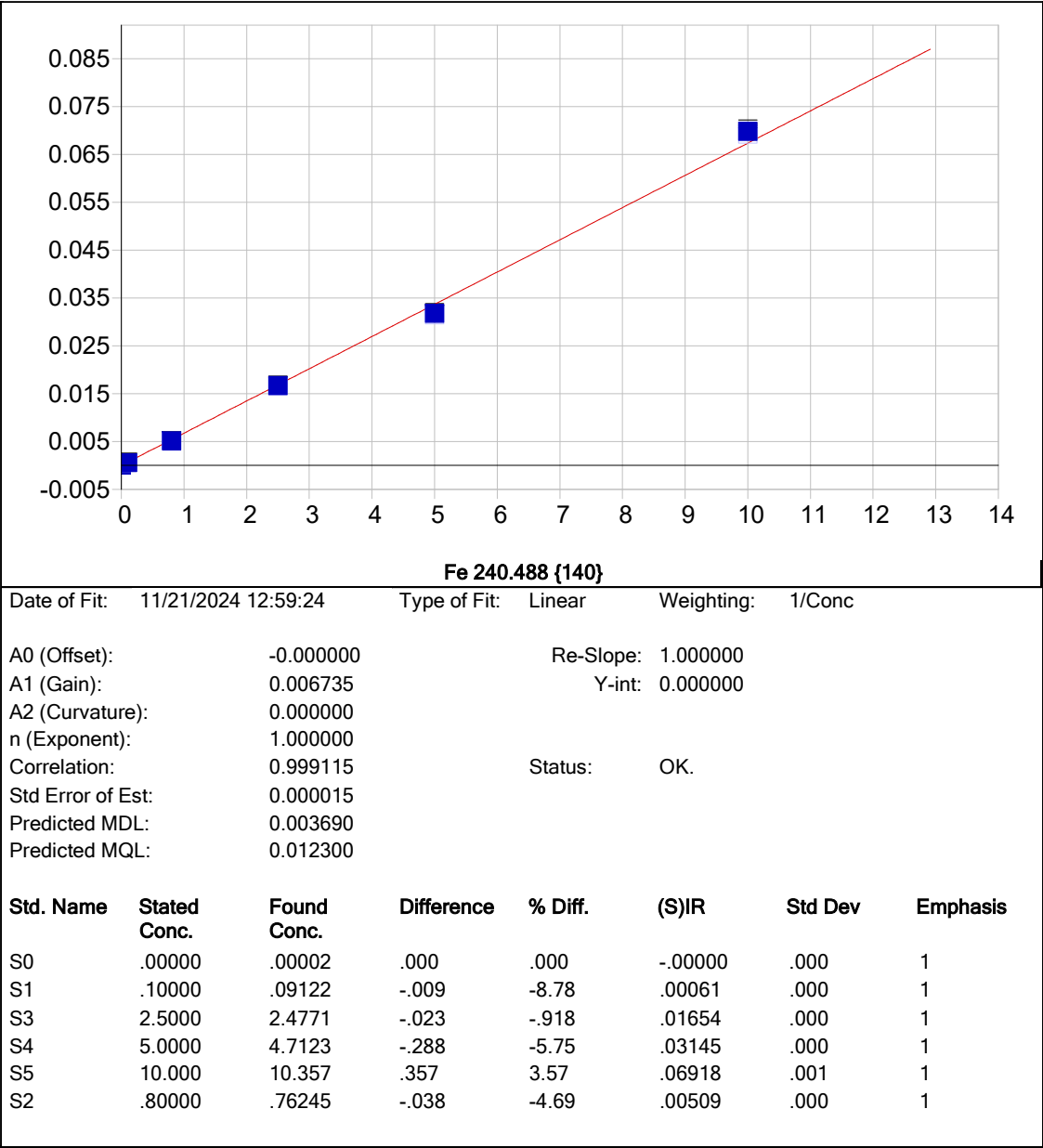


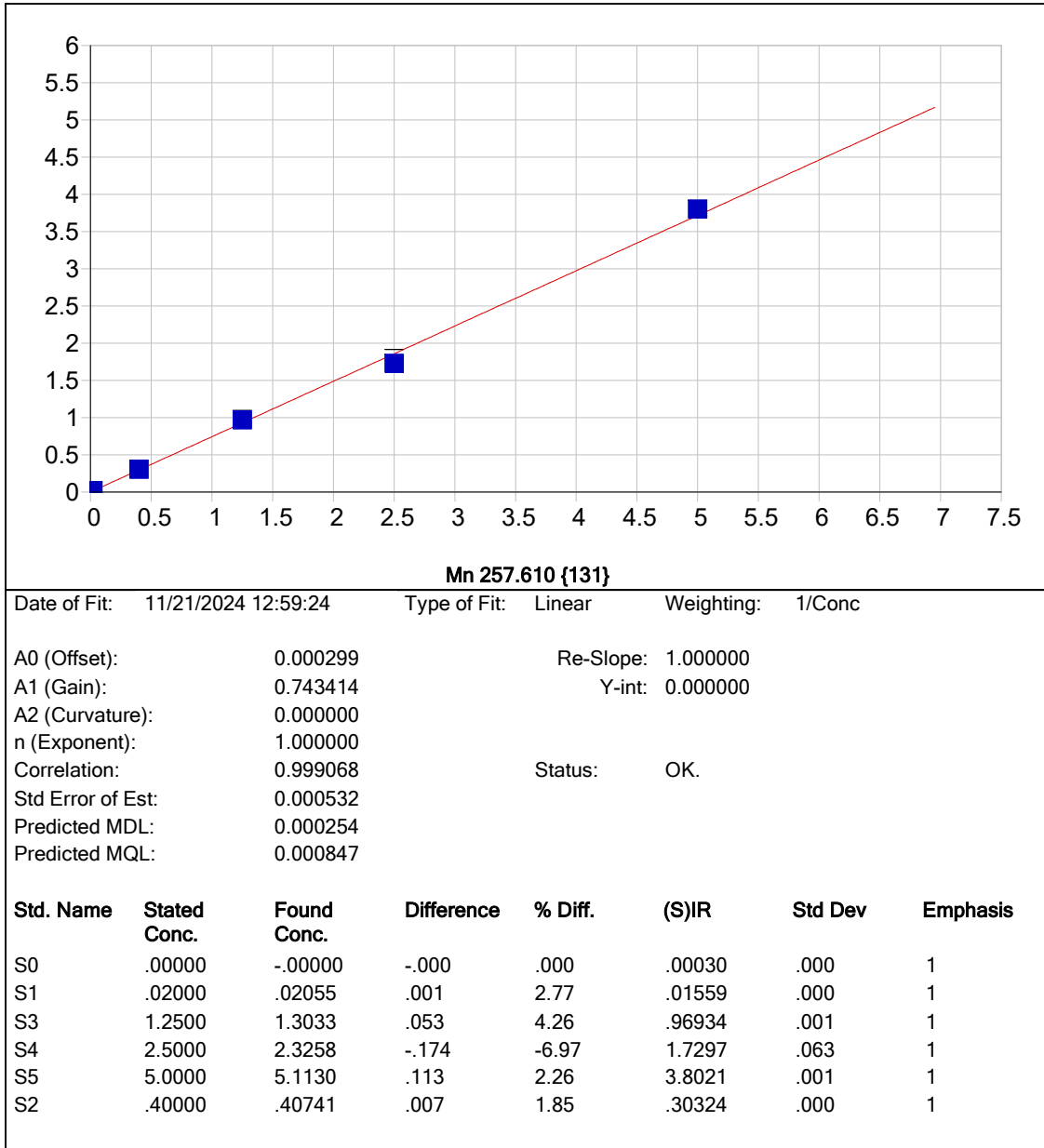
Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
A1 (Gain): 0.214171 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999445 Status: OK.
Std Error of Est: 0.000053
Predicted MDL: 0.000346
Predicted MQL: 0.001152



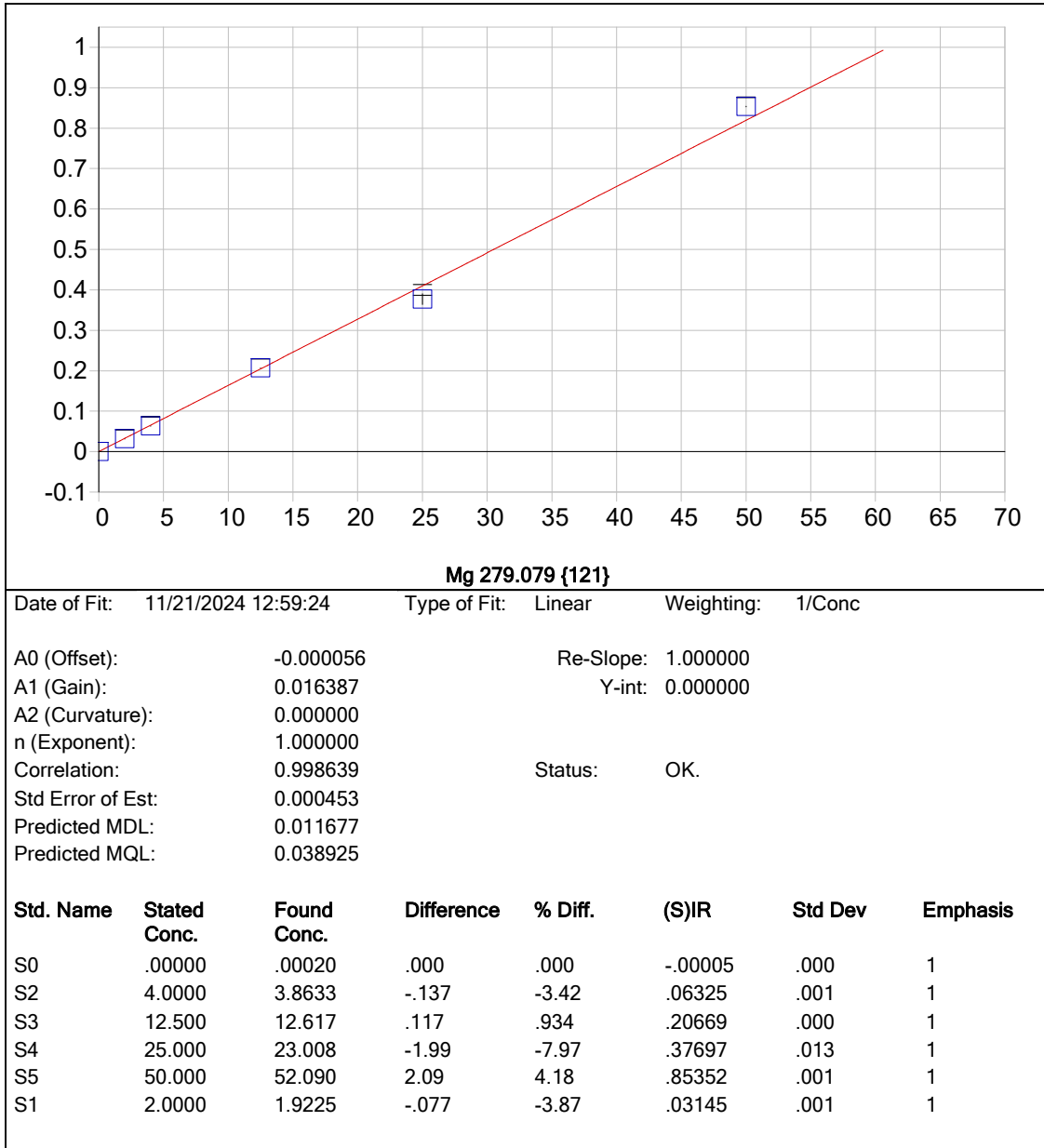






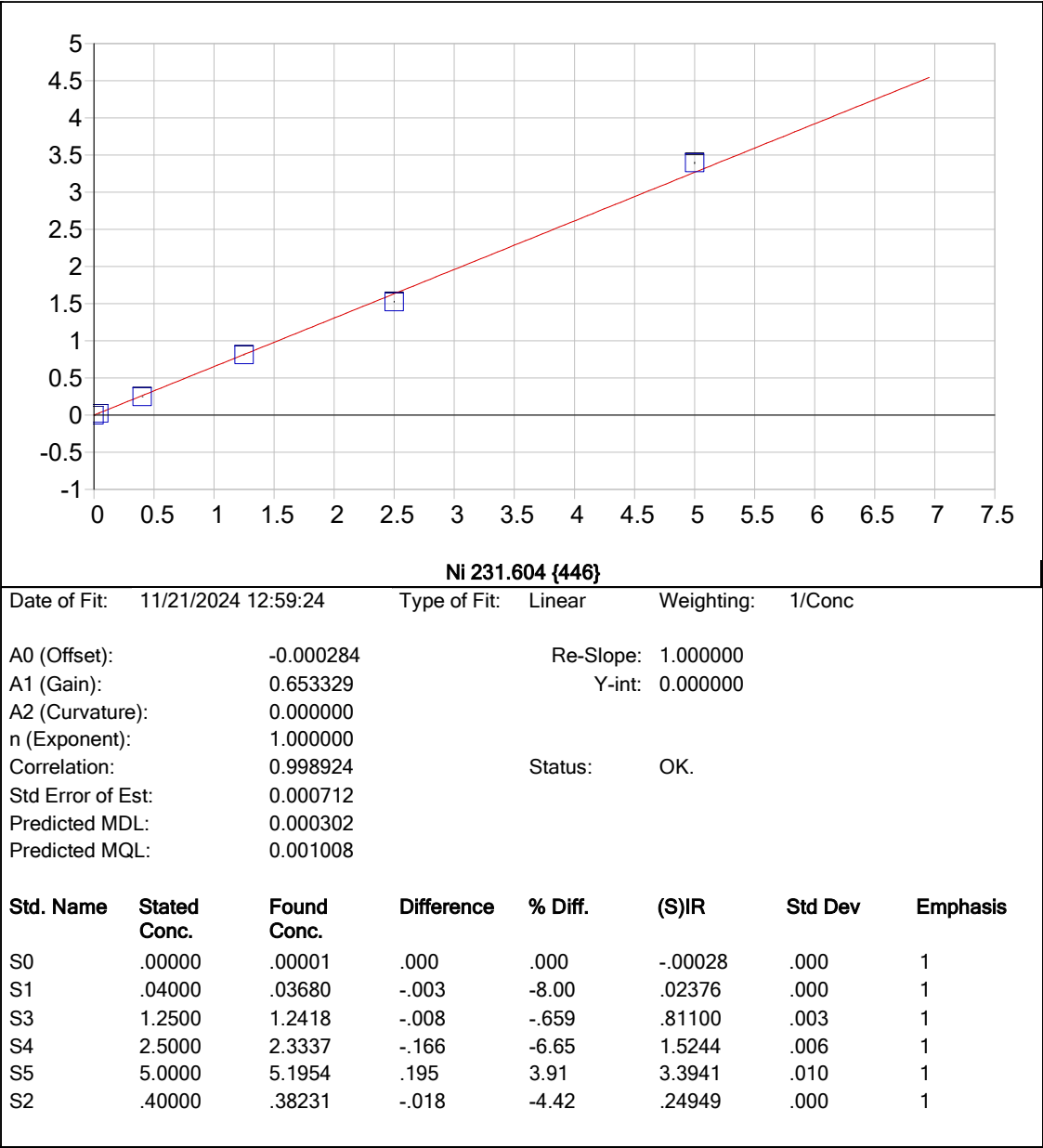
Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

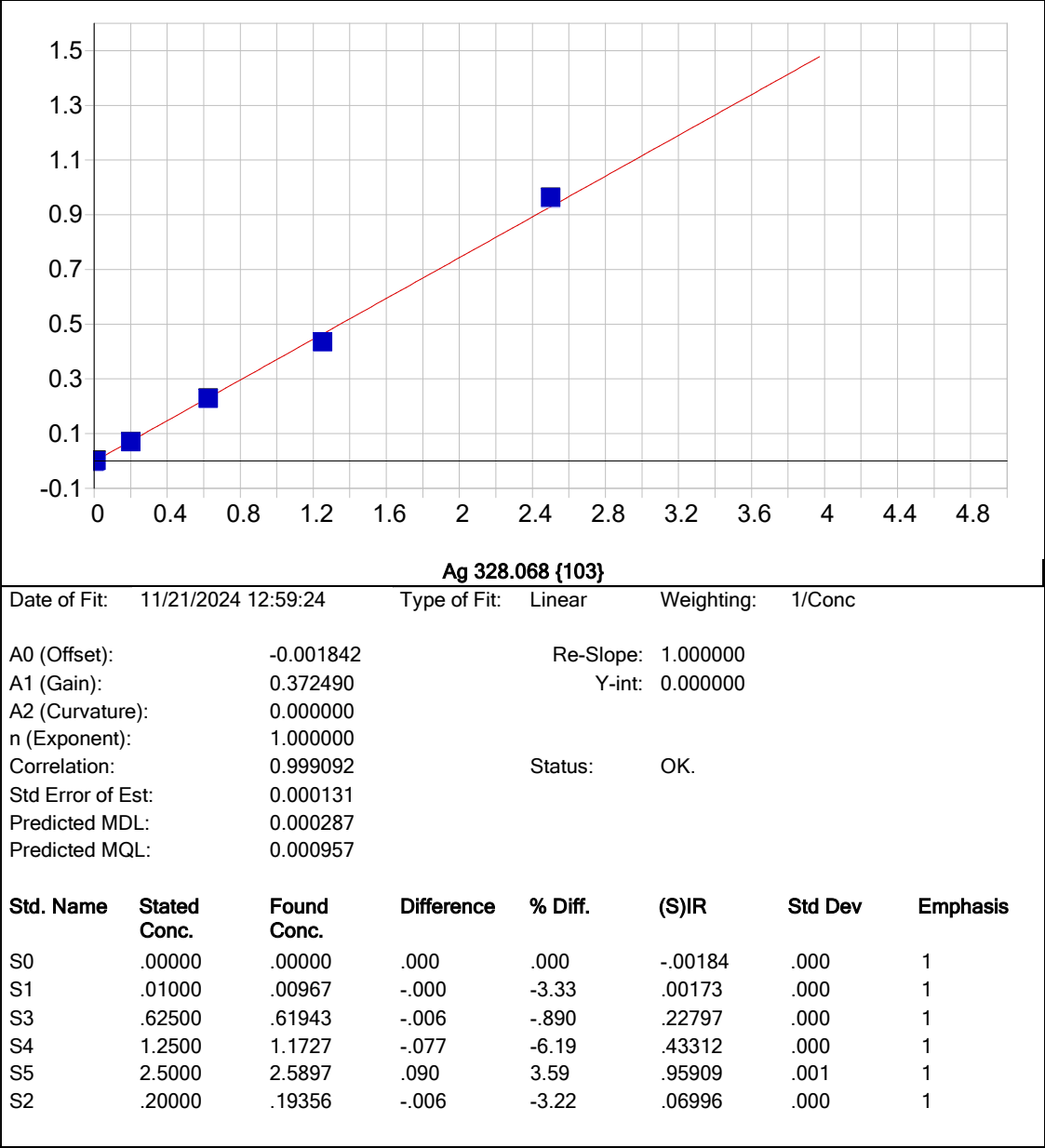
A0 (Offset): 0.000299 Re-Slope: 1.000000
A1 (Gain): 0.743414 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999068 Status: OK.
Std Error of Est: 0.000532
Predicted MDL: 0.000254
Predicted MQL: 0.000847

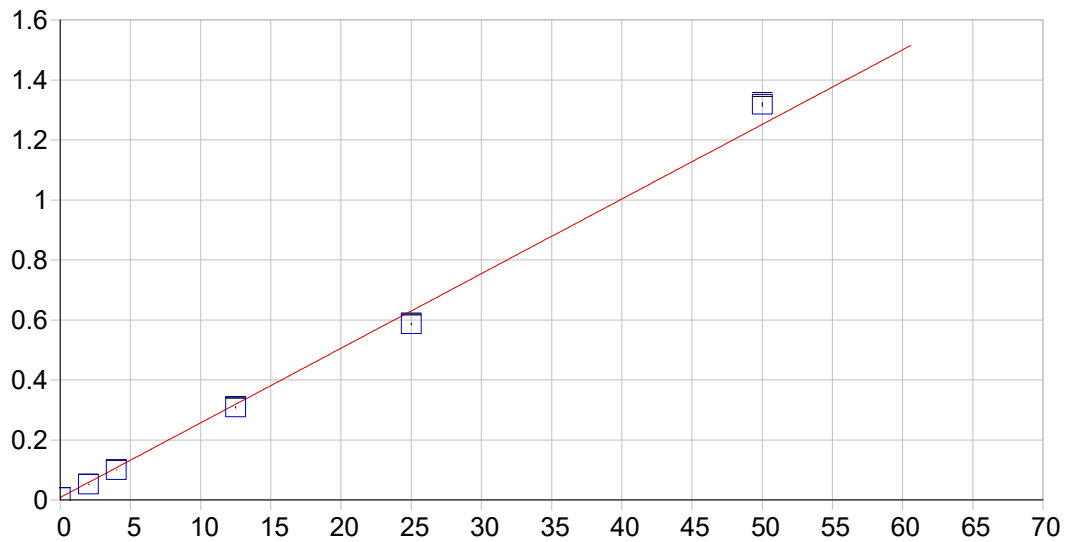


Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
A1 (Gain): 0.016387 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998639 Status: OK.
Std Error of Est: 0.000453
Predicted MDL: 0.011677
Predicted MQL: 0.038925





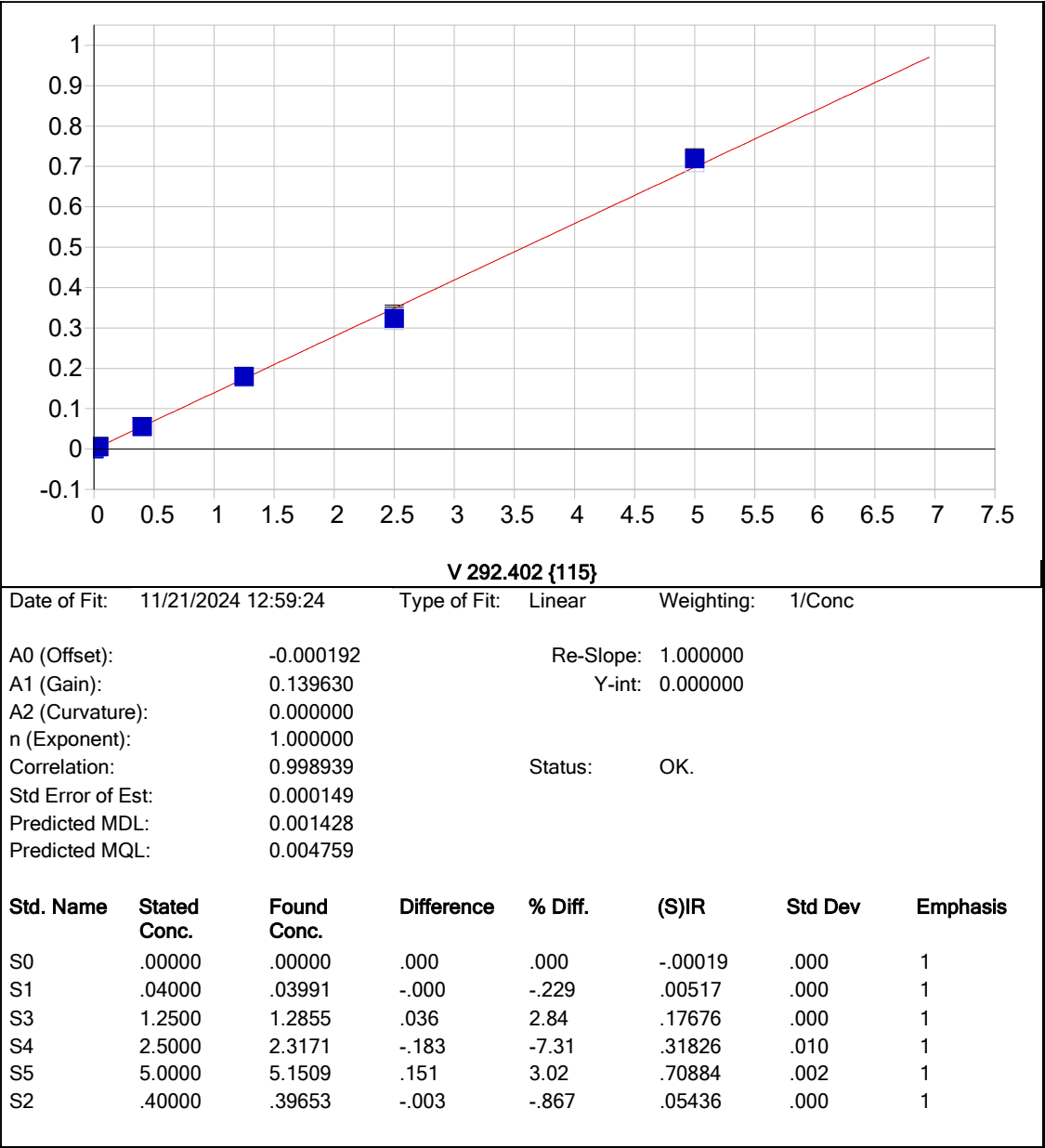


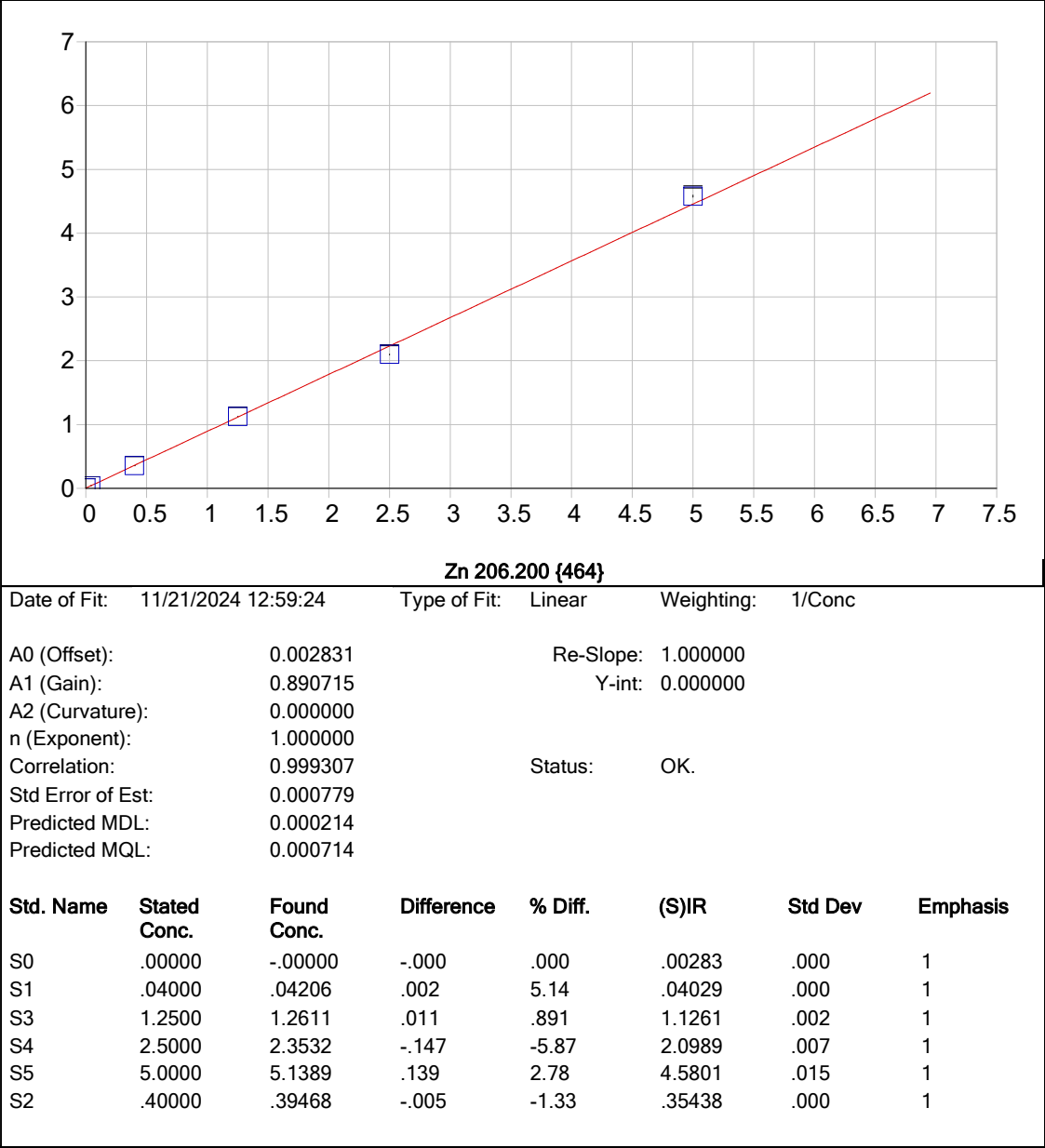
Na 589.592 { 57}

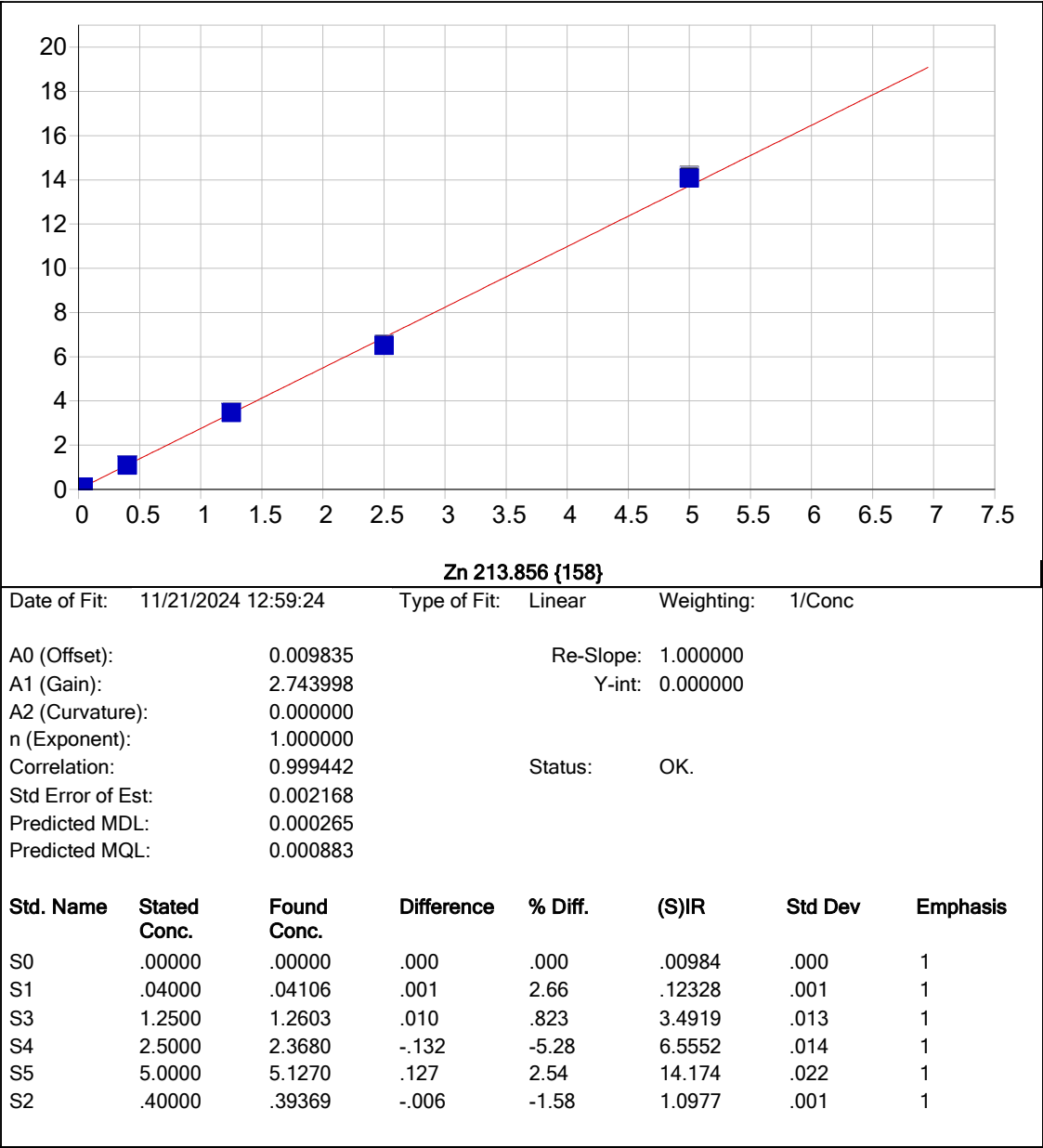
Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

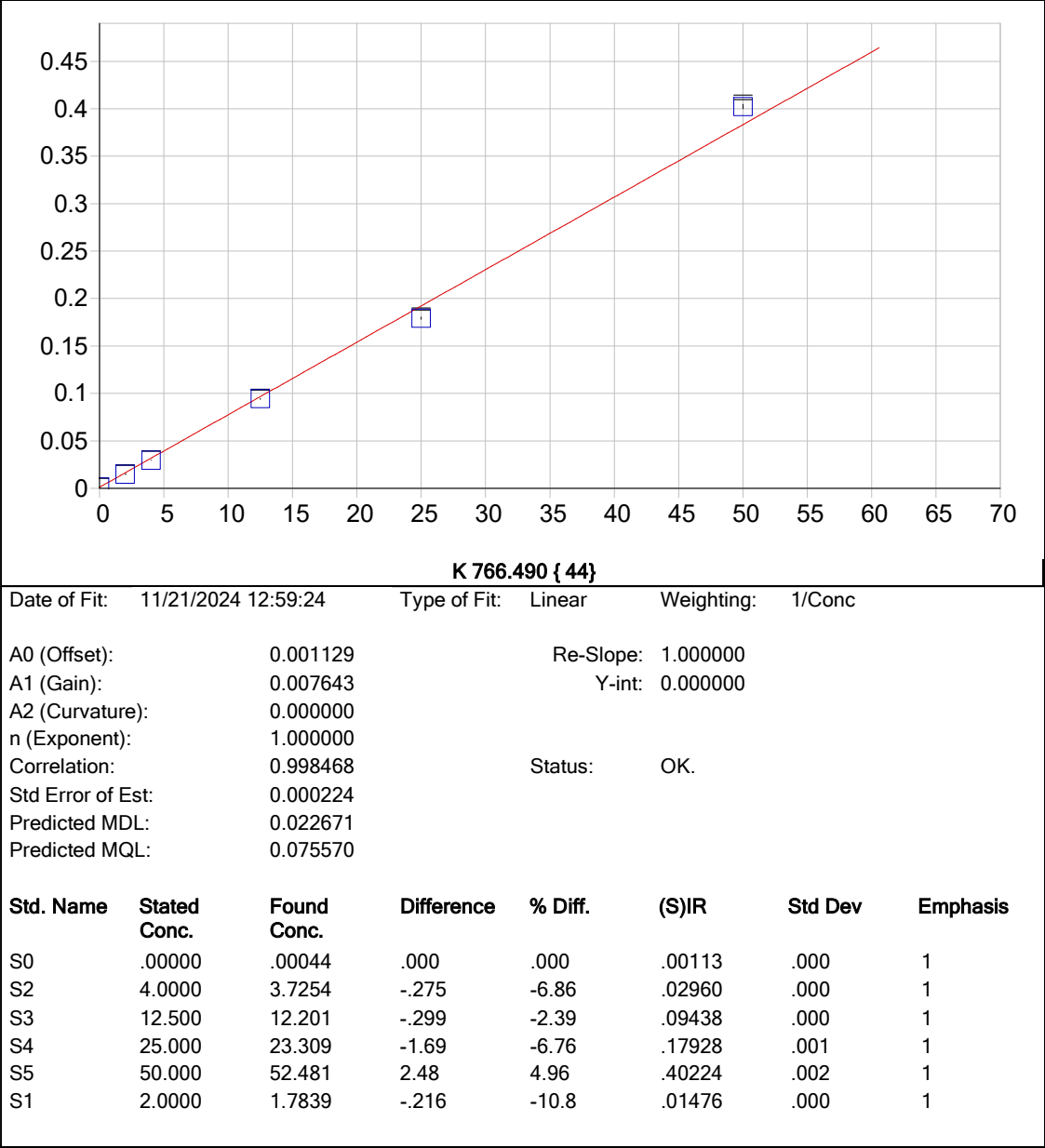
A0 (Offset): 0.008116 Re-Slope: 1.000000
A1 (Gain): 0.024869 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998251 Status: OK.
Std Error of Est: 0.000779
Predicted MDL: 0.006725
Predicted MQL: 0.022418

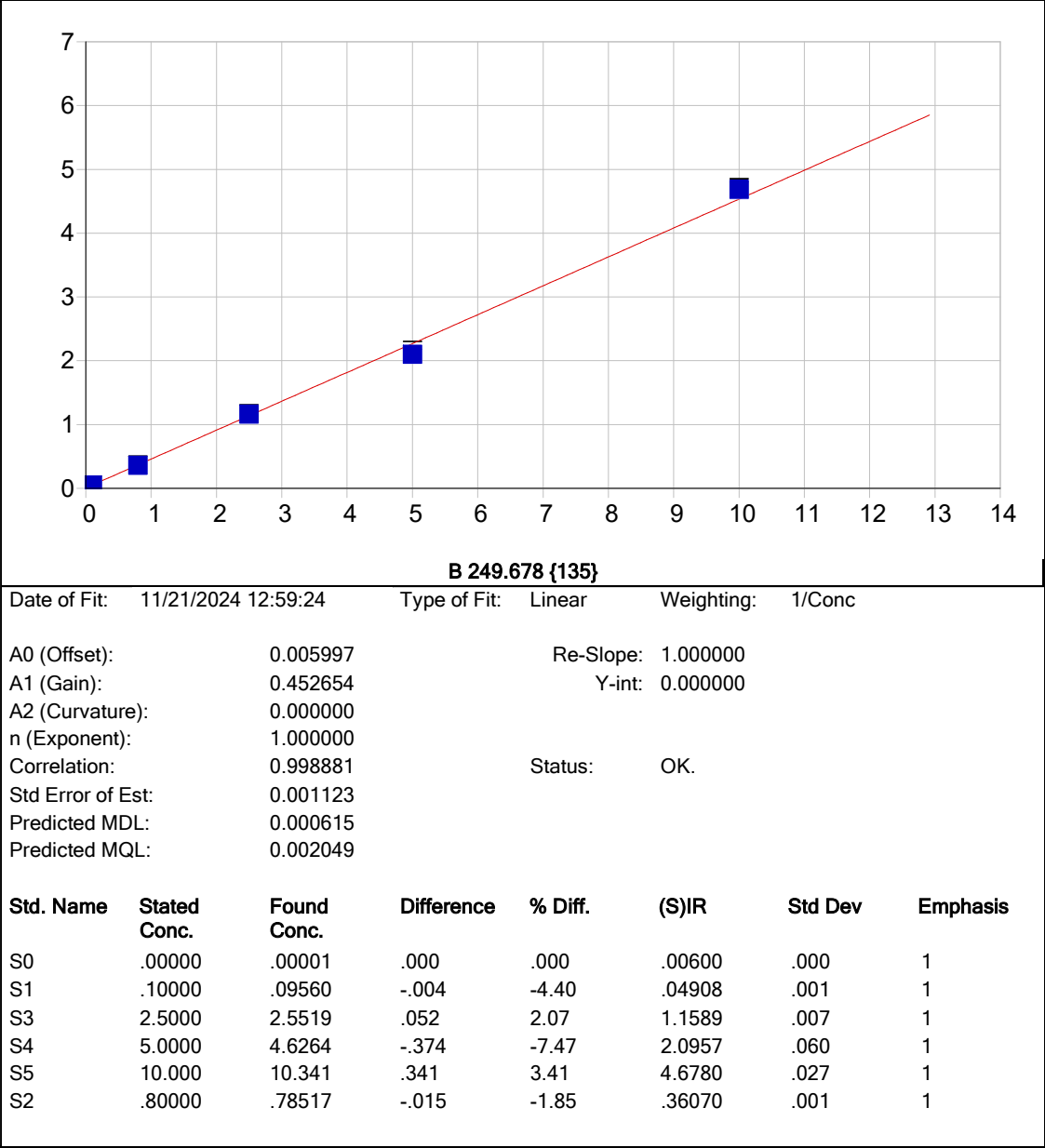
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.00813	.000	1
S2	4.0000	3.6961	-.304	-7.60	.10003	.000	1
S3	12.500	12.099	-.401	-3.21	.30900	.003	1
S4	25.000	23.264	-1.74	-6.94	.58666	.003	1
S5	50.000	52.677	2.68	5.35	1.3181	.006	1
S1	2.0000	1.7645	-.236	-11.8	.05200	.000	1

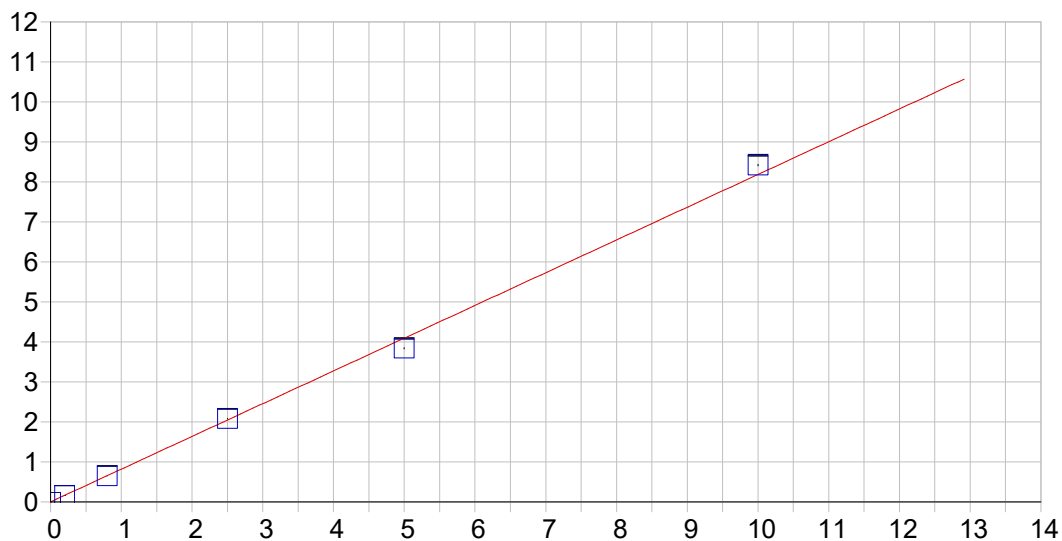










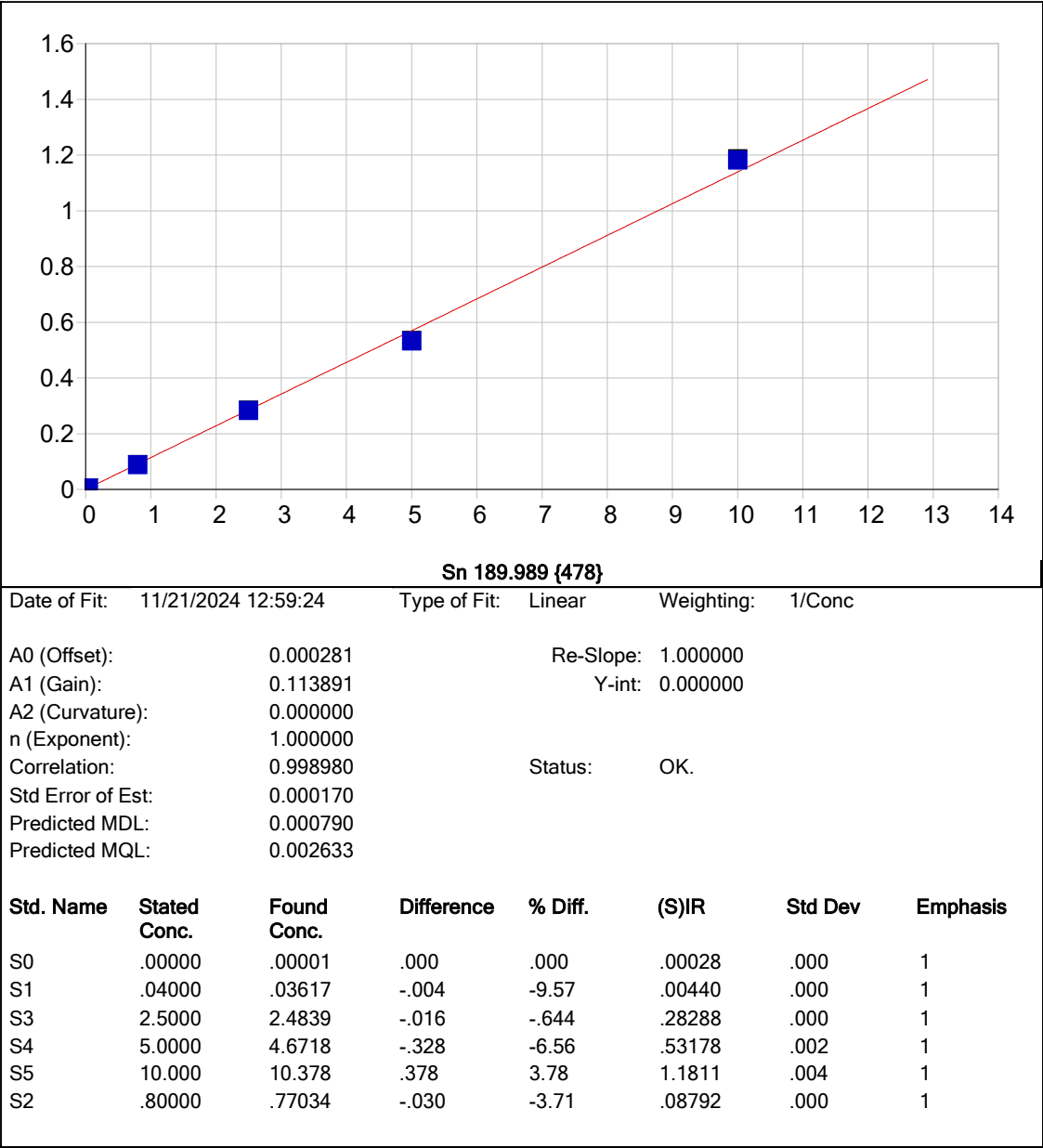


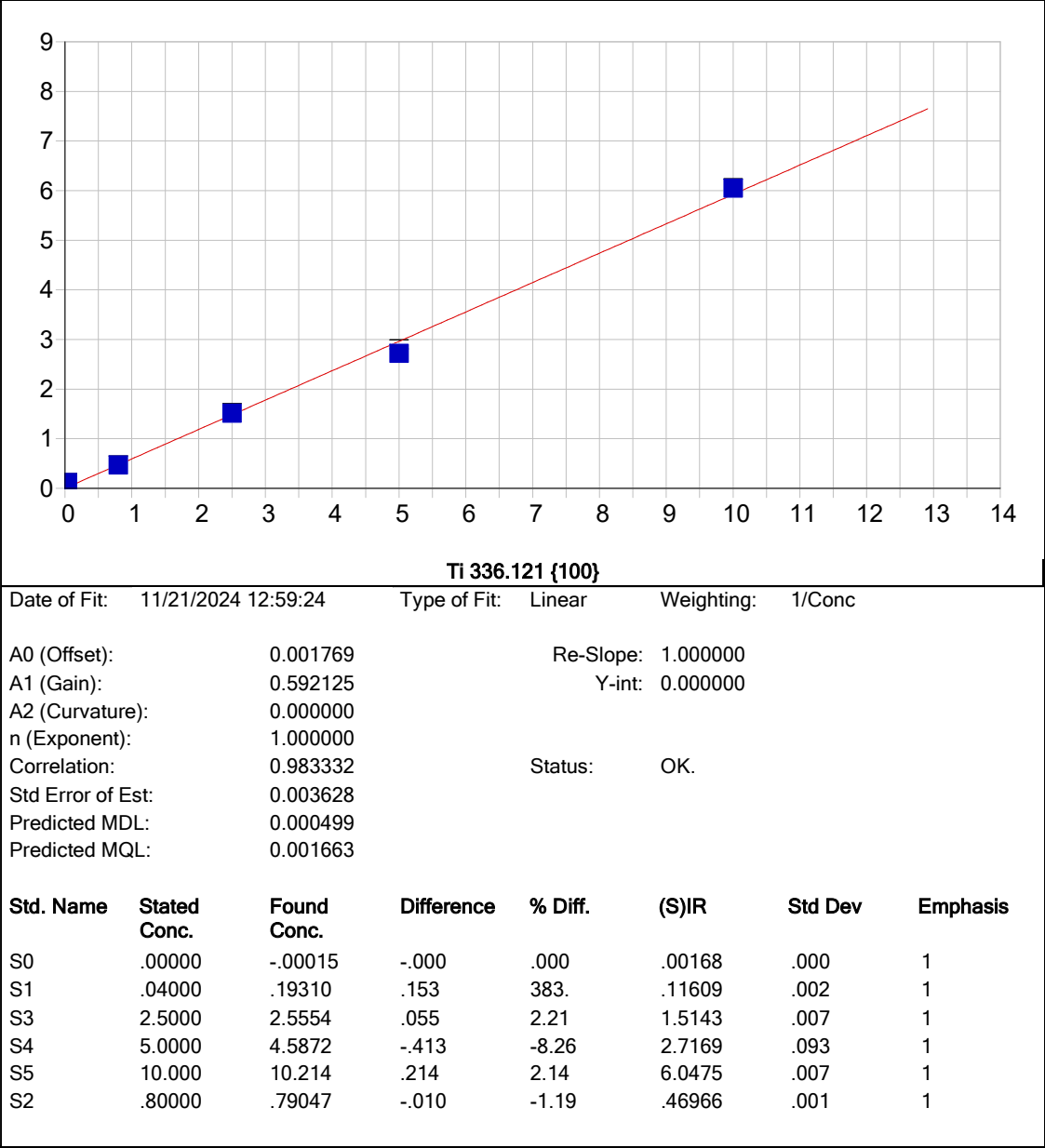
Mo 202.030 {467}

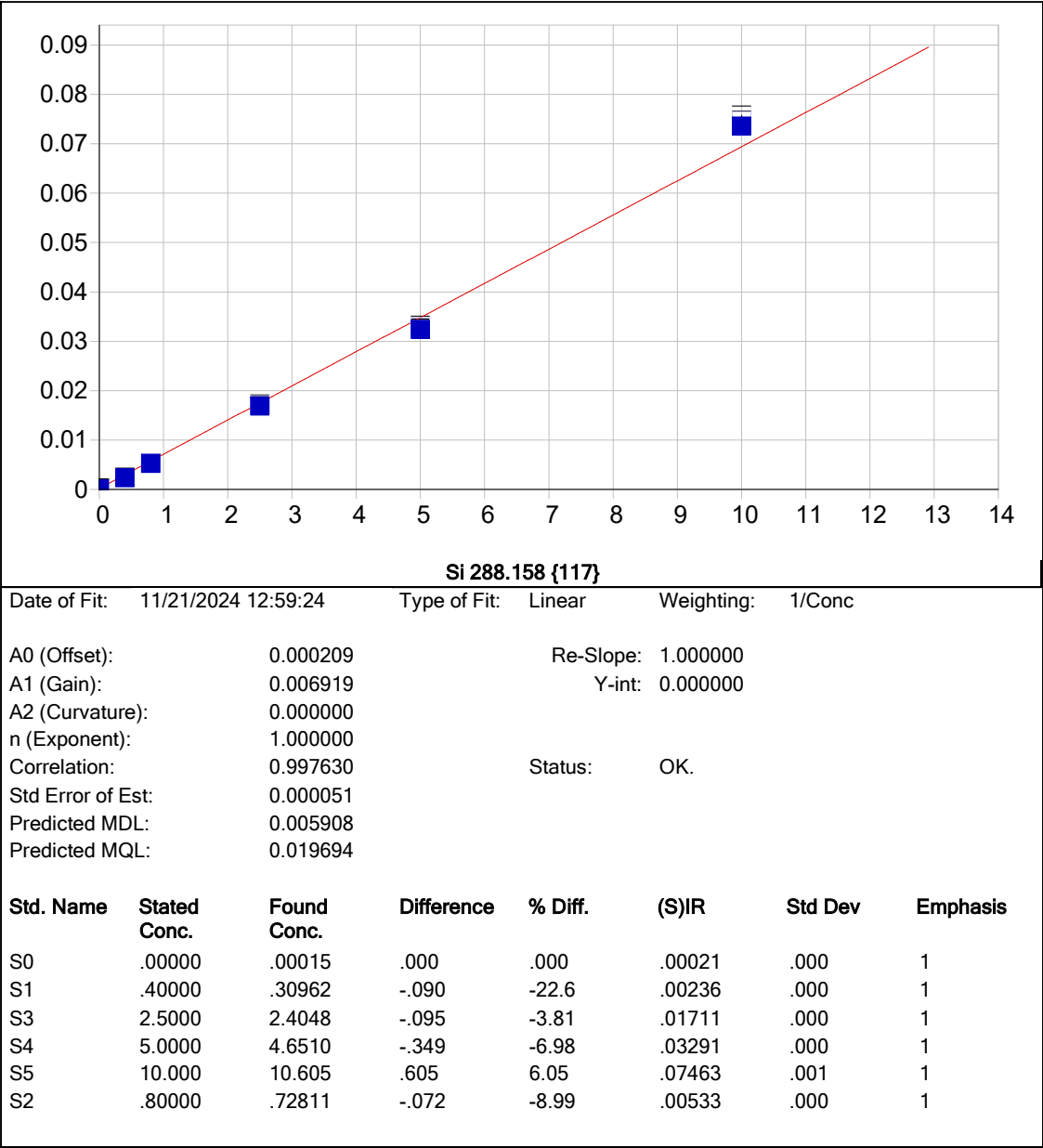
Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

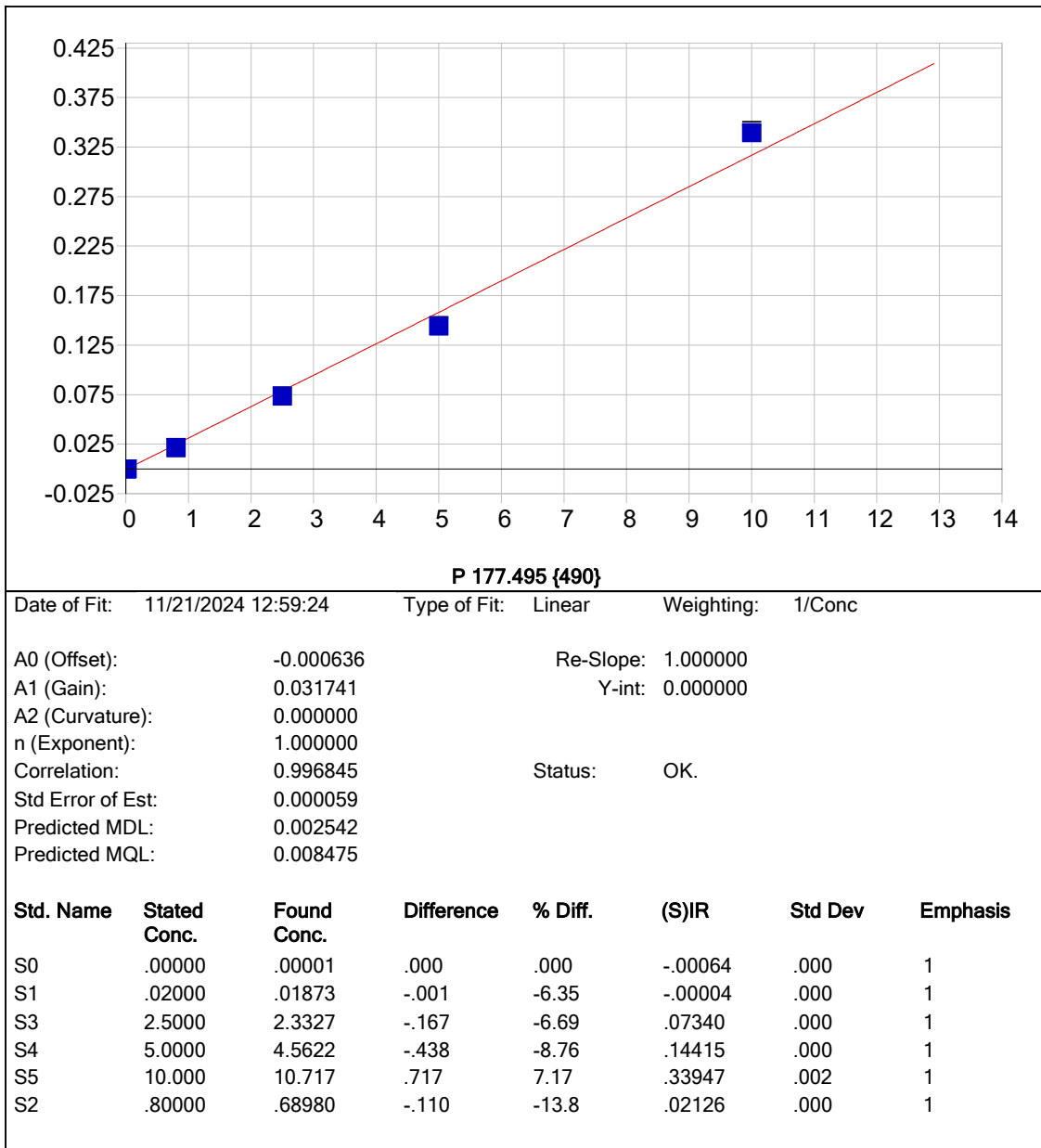
A0 (Offset): 0.000409 Re-Slope: 1.000000
A1 (Gain): 0.818566 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999232 Status: OK.
Std Error of Est: 0.002389
Predicted MDL: 0.000244
Predicted MQL: 0.000813

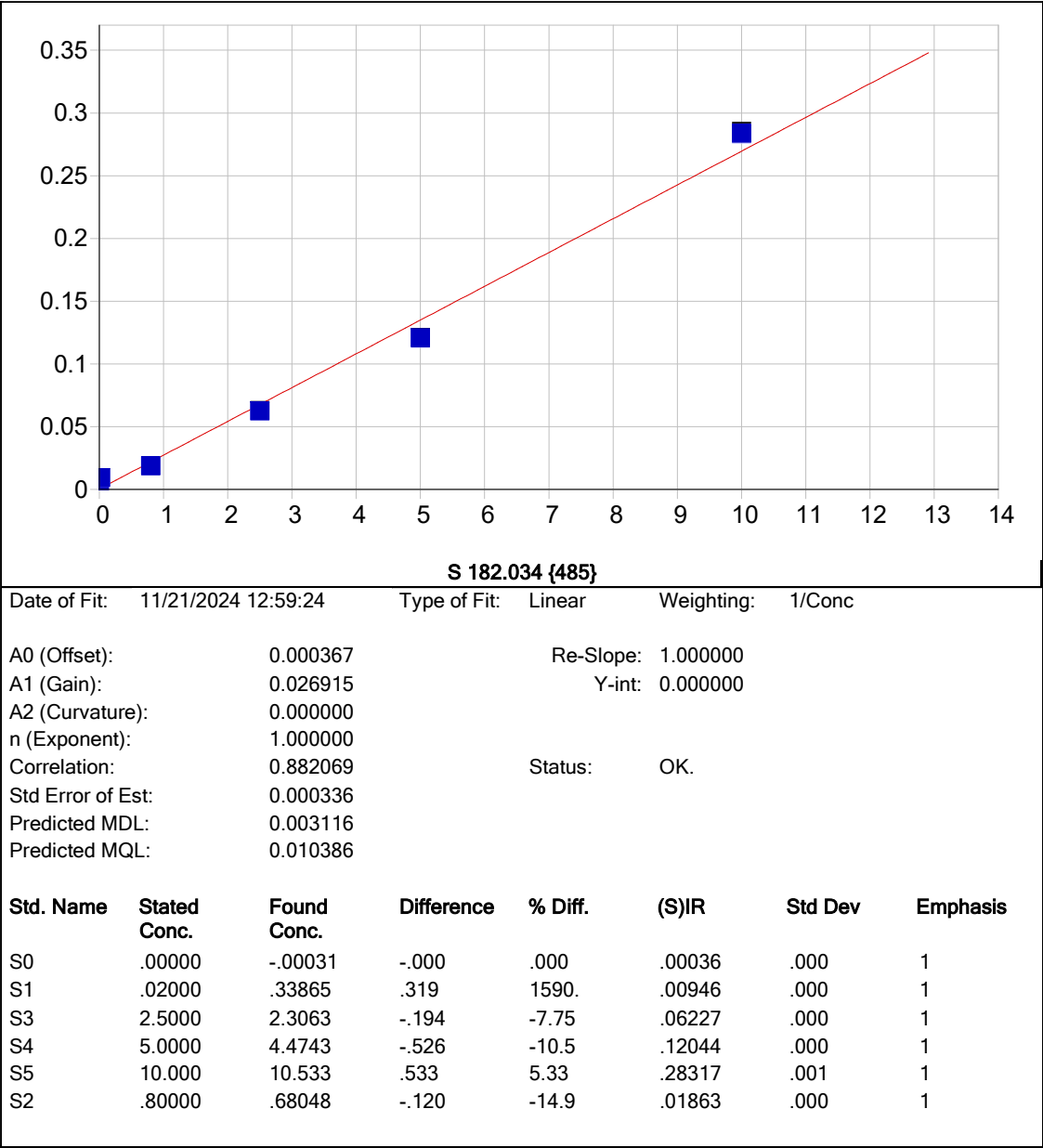
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00042	.000	1
S1	.20000	.19269	-.007	-3.65	.15814	.001	1
S3	2.5000	2.5394	.039	1.58	2.0791	.008	1
S4	5.0000	4.6887	-.311	-6.23	3.8384	.014	1
S5	10.000	10.285	.285	2.85	8.4193	.021	1
S2	.80000	.79426	-.006	-.717	.65056	.002	1

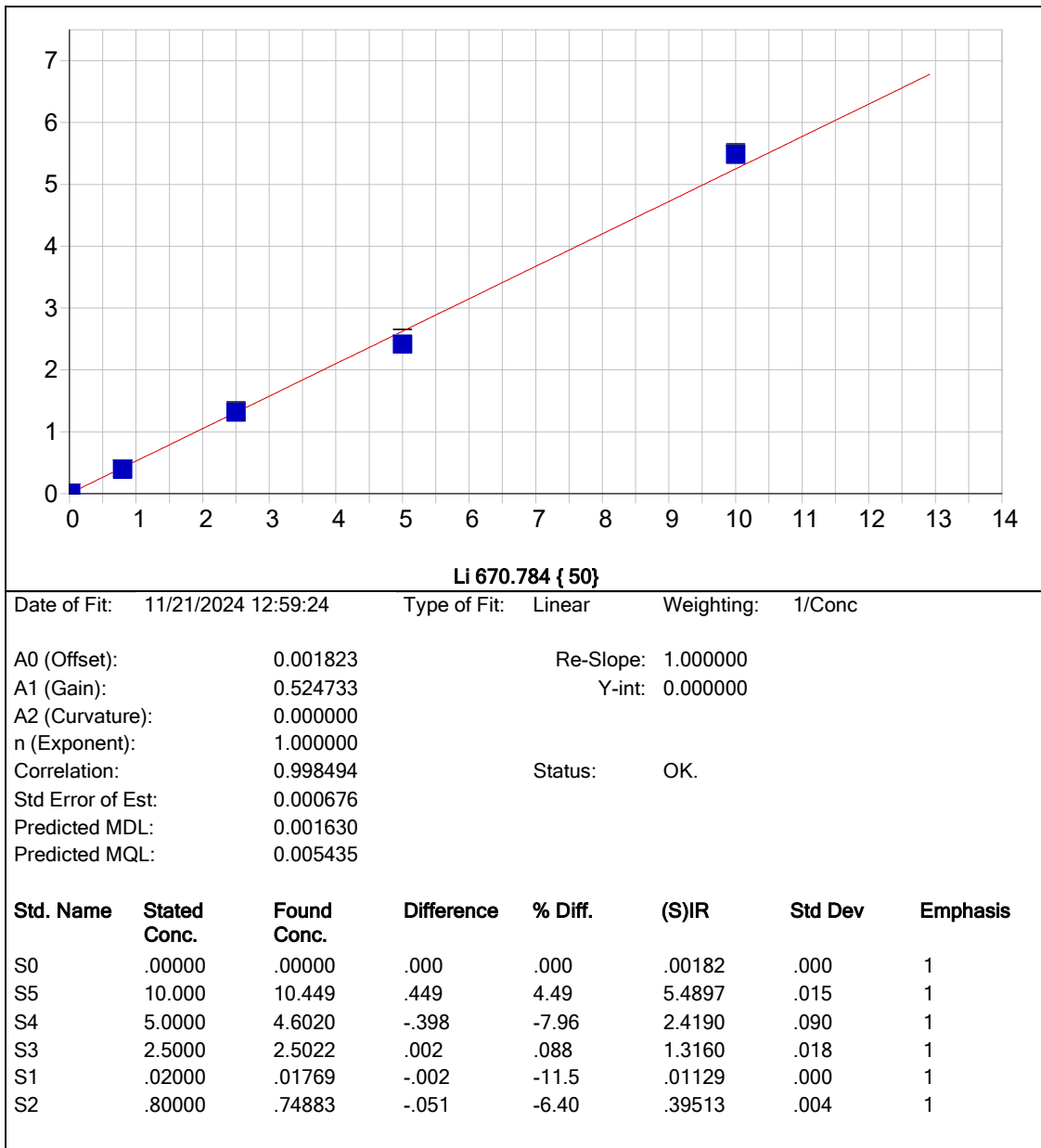






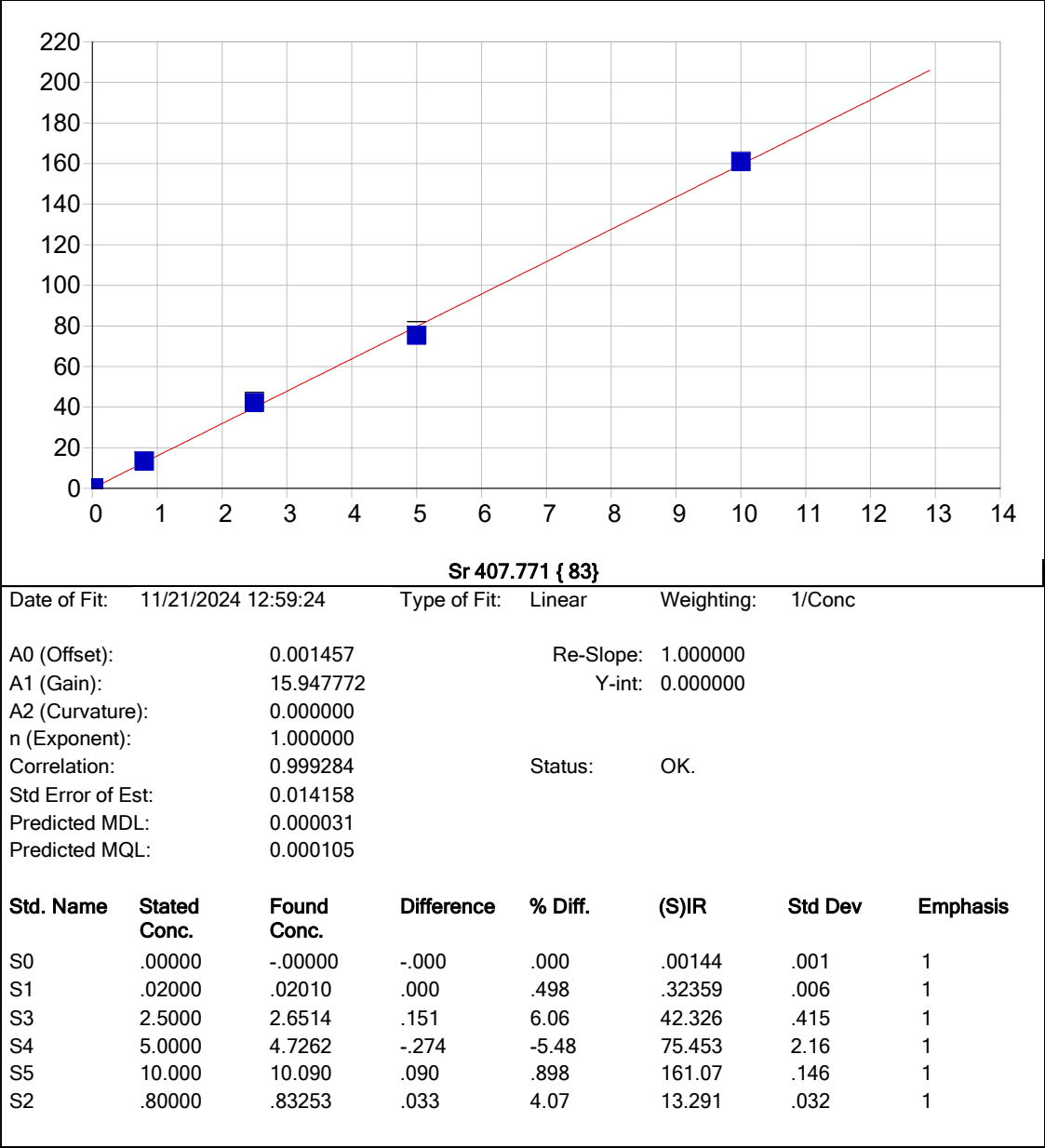


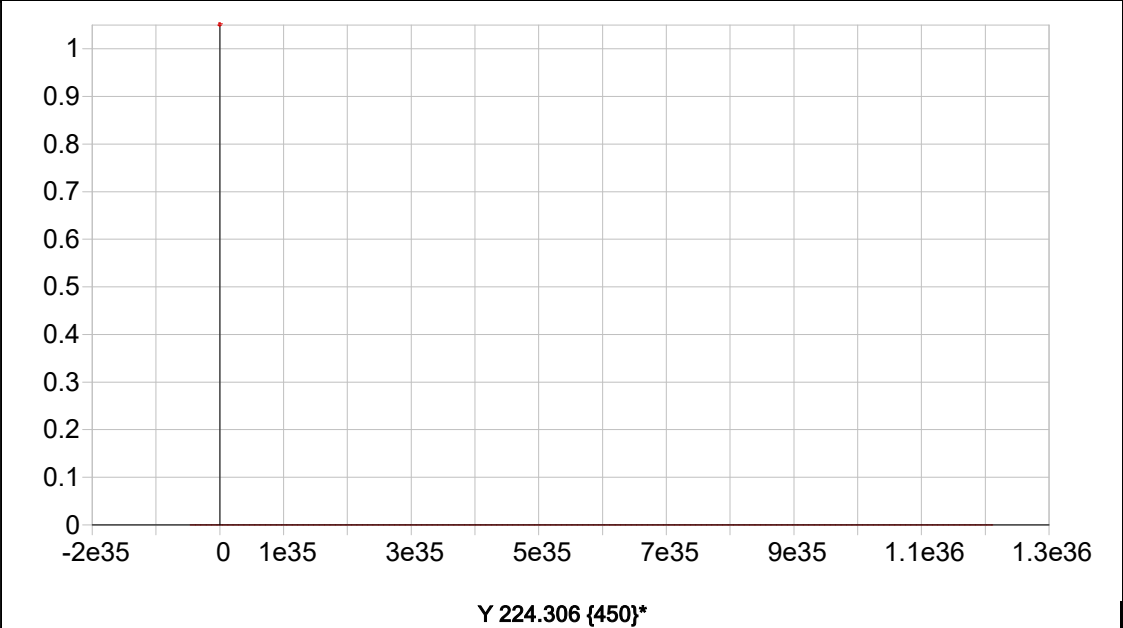




Date of Fit: 11/21/2024 12:59:24 Type of Fit: Linear Weighting: 1/Conc

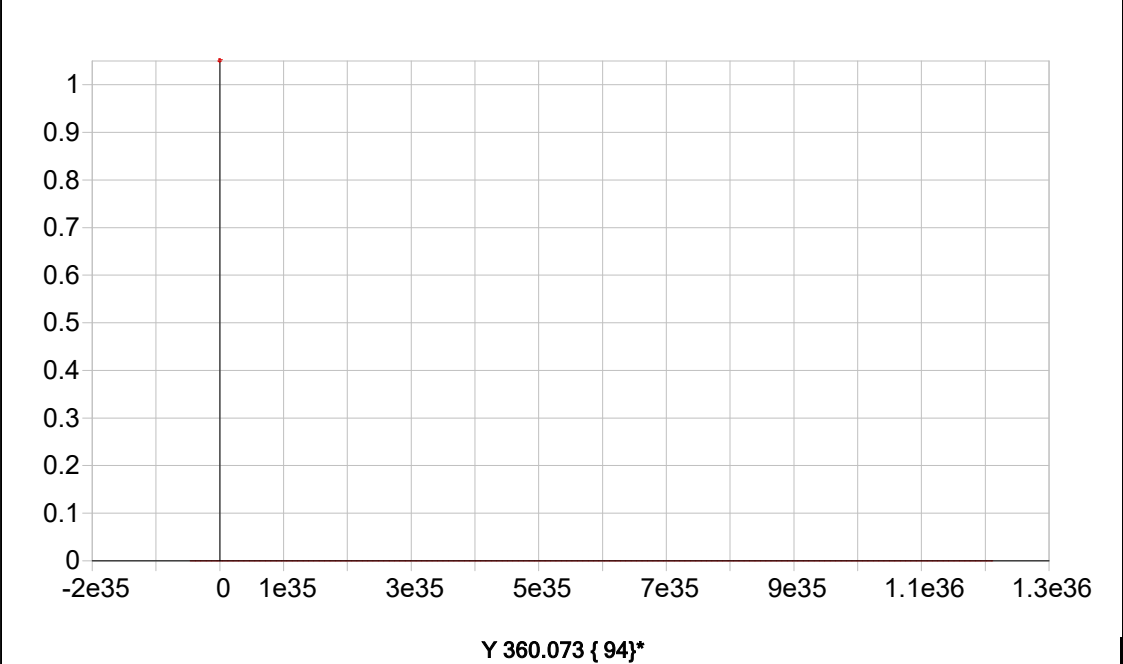
A0 (Offset): 0.001823 Re-Slope: 1.000000
A1 (Gain): 0.524733 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998494 Status: OK.
Std Error of Est: 0.000676
Predicted MDL: 0.001630
Predicted MQL: 0.005435



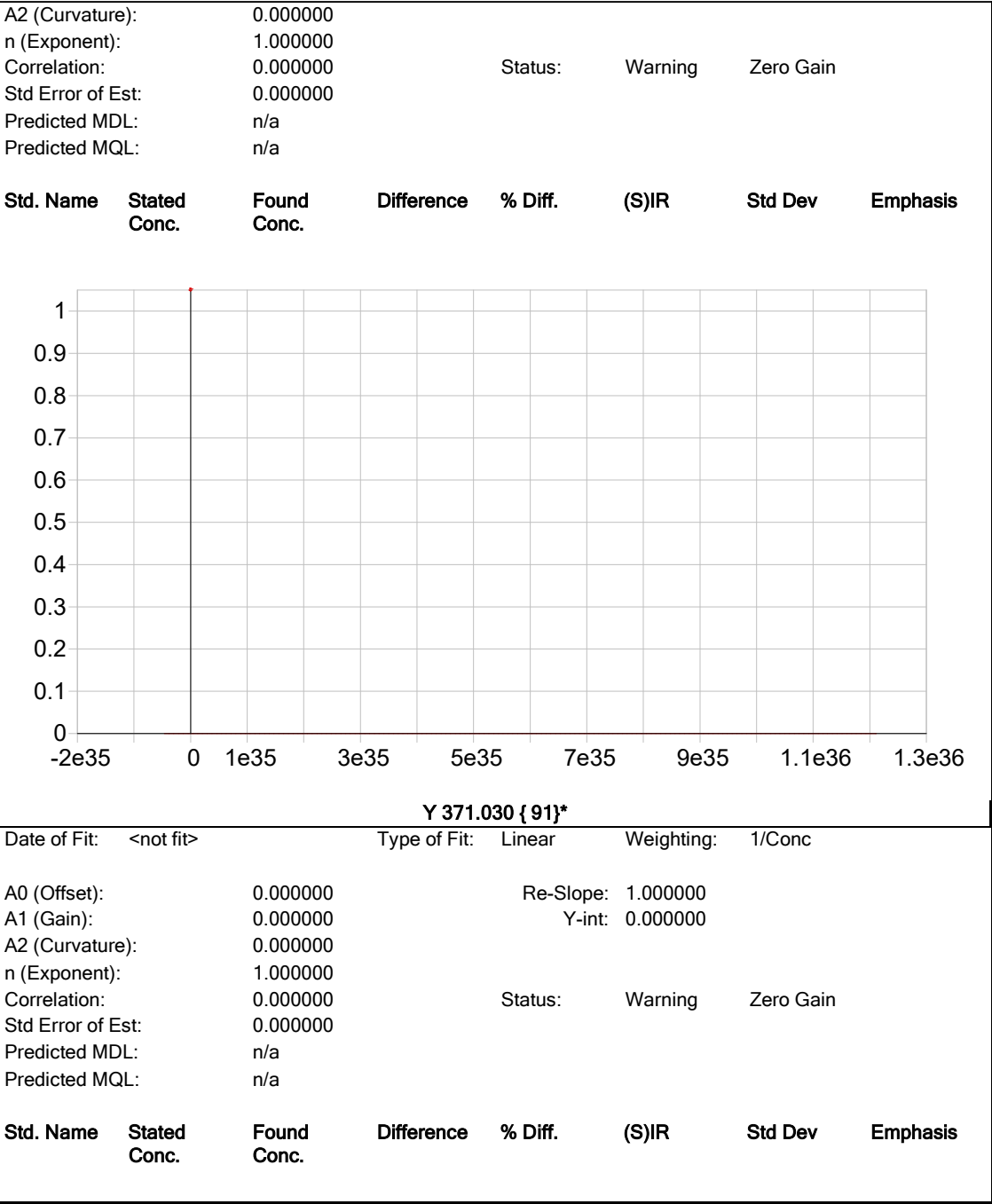


Date of Fit:	11/21/2024 12:59:24	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 11/21/2024 11:49:41 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00022	-.00042	-.00028	.00038	.00038	-.00008	-.00216	-.00070
Stddev	.00007	.00006	.00003	.00015	.00009	.00015	.00159	.00006
%RSD	33.707	14.403	9.2406	38.907	22.876	189.99	73.730	8.5142
#1	-.00030	-.00049	-.00029	.00021	.00031	.00009	-.00118	-.00072
#2	-.00019	-.00039	-.00029	.00048	.00034	-.00018	-.00399	-.00063
#3	-.00016	-.00038	-.00025	.00044	.00047	-.00016	-.00129	-.00074
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00003	.00296	-.00002	.00003	-.00003	-.00000	.00030	-.00005
Stddev	.00028	.00007	.00007	.00005	.00017	.00002	.00012	.00011
%RSD	894.83	2.3873	396.32	189.72	638.16	5421.8	39.651	215.60
#1	-.00014	.00294	-.00003	.00006	-.00017	.00000	.00036	-.00010
#2	.00029	.00304	.00006	-.00003	-.00007	.00002	.00037	-.00014
#3	-.00024	.00290	-.00009	.00006	.00017	-.00002	.00016	.00008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00028	-.00184	.00813	-.00019	.00984	.00113	.00600	.00042
Stddev	.00016	.00012	.00019	.00019	.00049	.00005	.00014	.00008
%RSD	57.032	6.2901	2.3867	97.699	4.9575	4.8055	2.2933	19.537
#1	-.00010	-.00182	.00792	-.00041	.00961	.00119	.00616	.00034
#2	-.00033	-.00197	.00815	-.00007	.00950	.00113	.00593	.00051
#3	-.00041	-.00174	.00831	-.00010	.01040	.00108	.00591	.00041
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00028	.00168	.00021	-.00064	.00036	.00182	.00144	
Stddev	.00004	.00009	.00003	.00001	.00007	.00024	.00073	
%RSD	13.305	5.1987	15.731	.80840	20.052	13.330	50.999	
#1	.00024	.00176	.00025	-.00064	.00044	.00207	.00206	
#2	.00030	.00159	.00019	-.00063	.00034	.00158	.00163	
#3	.00030	.00168	.00020	-.00064	.00030	.00183	.00063	

Sample Name: S0 Acquired: 11/21/2024 11:49:41 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.0	60987.	12153.	2131.1	4434.3
Stddev	33.6	85.	448.	11.5	54.1
%RSD	1.2559	.13923	3.6891	.54014	1.2195
#1	2716.1	61084.	12670.	2121.5	4495.1
#2	2652.5	60949.	11901.	2143.8	4391.6
#3	2665.4	60927.	11887.	2127.9	4416.2

Sample Name: S1 Acquired: 11/21/2024 11:54:06 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00106	.00203	.00245	.00209	.00939	.00860	.40703	.02208
Stddev	.00004	.00005	.00014	.00006	.00017	.00032	.00790	.00034
%RSD	3.3471	2.3819	5.8539	2.6461	1.7672	3.7447	1.9419	1.5370
#1	.00104	.00202	.00260	.00213	.00957	.00825	.41448	.02231
#2	.00104	.00198	.00243	.00203	.00925	.00889	.40786	.02225
#3	.00110	.00208	.00231	.00211	.00935	.00866	.39874	.02169
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01552	.09494	.00194	.02436	.01731	.00061	.01559	.03145
Stddev	.00017	.00099	.00006	.00009	.00039	.00001	.00026	.00055
%RSD	1.0954	1.0421	2.9909	.36376	2.2557	1.3247	1.6400	1.7558
#1	.01565	.09580	.00197	.02429	.01773	.00060	.01588	.03194
#2	.01559	.09517	.00188	.02446	.01696	.00061	.01547	.03155
#3	.01533	.09386	.00198	.02432	.01723	.00060	.01540	.03085
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02376	.00173	.05200	.00517	.12328	.01476	.04908	.15814
Stddev	.00011	.00003	.00015	.00031	.00054	.00008	.00083	.00055
%RSD	.47732	1.9719	.28729	5.9244	.43562	.56190	1.6954	.34964
#1	.02381	.00170	.05214	.00490	.12268	.01473	.04947	.15790
#2	.02363	.00176	.05184	.00551	.12345	.01470	.04964	.15775
#3	.02384	.00174	.05201	.00510	.12372	.01486	.04812	.15877
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00440	.11609	.00236	-.00004	.00946	.01129	.32359	
Stddev	.00003	.00199	.00005	.00006	.00009	.00035	.00617	
%RSD	.71591	1.7157	2.0429	137.79	.94016	3.1106	1.9063	
#1	.00441	.11741	.00232	.00000	.00936	.01164	.32776	
#2	.00436	.11706	.00233	-.00002	.00948	.01094	.32652	
#3	.00442	.11380	.00241	-.00010	.00953	.01131	.31651	

Sample Name: S1 Acquired: 11/21/2024 11:54:06 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.5	60871.	12206.	2087.0	4448.1
Stddev	4.5	62.	190.	7.8	3.2
%RSD	.16544	.10144	1.5579	.37266	.07157
#1	2699.6	60863.	12079.	2088.5	4446.2
#2	2703.8	60937.	12114.	2093.9	4451.8
#3	2694.9	60814.	12425.	2078.6	4446.3

Sample Name: S2 Acquired: 11/21/2024 11:58:27 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04421	.04890	.18549	.06406	.15168	.12930	6.4821	.15666
Stddev	.00026	.00013	.00038	.00025	.00030	.00058	.0176	.00064
%RSD	.58133	.26880	.20311	.38924	.19538	.44815	.27165	.40726

#1	.04447	.04900	.18591	.06424	.15174	.12900	6.4976	.15739
#2	.04396	.04895	.18538	.06378	.15136	.12892	6.4857	.15637
#3	.04418	.04875	.18519	.06417	.15194	.12996	6.4630	.15622

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.83136	.18798	.03382	.33159	.16619	.00509	.30324	.06325
Stddev	.00189	.00105	.00006	.00026	.00045	.00002	.00037	.00060
%RSD	.22730	.55967	.19058	.07773	.27239	.38763	.12317	.95446

#1	.83198	.18745	.03388	.33183	.16662	.00508	.30281	.06260
#2	.83286	.18729	.03382	.33163	.16572	.00507	.30350	.06337
#3	.82924	.18919	.03375	.33132	.16622	.00511	.30340	.06378

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24949	.06996	.10003	.05436	1.0977	.02960	.36070	.65056
Stddev	.00030	.00007	.00030	.00030	.0009	.00014	.00090	.00177
%RSD	.11886	.10300	.30232	.54781	.08111	.47727	.24874	.27197

#1	.24925	.07003	.09994	.05434	1.0987	.02974	.35986	.65259
#2	.24982	.06996	.10037	.05407	1.0977	.02961	.36060	.64978
#3	.24941	.06989	.09979	.05467	1.0969	.02946	.36164	.64932

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.08792	.46966	.00533	.02126	.01863	.39513	13.291	
Stddev	.00029	.00101	.00002	.00008	.00006	.00363	.032	
%RSD	.33069	.21562	.46180	.37981	.31387	.91990	.24006	

#1	.08813	.47009	.00534	.02132	.01856	.39895	13.319	
#2	.08805	.46850	.00530	.02117	.01868	.39475	13.298	
#3	.08759	.47038	.00535	.02127	.01863	.39171	13.256	

Sample Name: S2 Acquired: 11/21/2024 11:58:27 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.5	58033.	11968.	1964.1	4261.7
Stddev	14.3	36.	20.	2.3	16.5
%RSD	.54572	.06196	.17125	.11819	.38798
#1	2601.5	58028.	11946.	1965.7	4242.7
#2	2629.1	58000.	11987.	1965.2	4269.7
#3	2621.8	58071.	11972.	1961.5	4272.8

Sample Name: S3 Acquired: 11/21/2024 12:02:33 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14524	.15792	.60344	.20989	.49573	.42191	20.861	.50779
Stddev	.00088	.00032	.00095	.00140	.00311	.00171	.175	.00243
%RSD	.60268	.20342	.15792	.66602	.62794	.40571	.83735	.47884

#1	.14593	.15764	.60453	.21149	.49929	.42377	21.039	.51031
#2	.14426	.15827	.60297	.20889	.49349	.42158	20.855	.50759
#3	.14554	.15784	.60280	.20930	.49443	.42039	20.689	.50546

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7135	.60310	.10903	1.0781	.53241	.01654	.96934	.20669
Stddev	.0050	.00118	.00011	.0033	.00179	.00003	.00150	.00048
%RSD	.18567	.19492	.10044	.30581	.33583	.18527	.15451	.23144

#1	2.7193	.60352	.10909	1.0816	.53444	.01651	.96977	.20632
#2	2.7104	.60178	.10910	1.0750	.53108	.01654	.97058	.20652
#3	2.7107	.60401	.10890	1.0776	.53170	.01657	.96768	.20723

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.81100	.22797	.30900	.17676	3.4919	.09438	1.1589	2.0791
Stddev	.00257	.00047	.00252	.00050	.0132	.00050	.0073	.0076
%RSD	.31632	.20591	.81450	.28147	.37881	.52496	.62960	.36310

#1	.81380	.22850	.31189	.17724	3.5028	.09492	1.1673	2.0876
#2	.80876	.22779	.30780	.17625	3.4772	.09394	1.1541	2.0734
#3	.81043	.22761	.30730	.17680	3.4958	.09428	1.1553	2.0762

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.28288	1.5143	.01711	.07340	.06227	1.3160	42.326	
Stddev	.00042	.0068	.00015	.00020	.00028	.0179	.415	
%RSD	.14936	.44820	.89550	.27246	.44411	1.3592	.98021	

#1	.28330	1.5222	.01694	.07326	.06244	1.3364	42.777	
#2	.28289	1.5103	.01715	.07363	.06241	1.3086	42.242	
#3	.28246	1.5105	.01724	.07330	.06195	1.3030	41.960	

Sample Name: S3 Acquired: 11/21/2024 12:02:33 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.7	55604.	11556.	1837.5	3921.0
Stddev	14.3	106.	78.	5.8	16.4
%RSD	.58035	.19019	.67484	.31775	.41947
#1	2447.2	55509.	11471.	1830.9	3903.9
#2	2475.4	55584.	11575.	1842.0	3936.7
#3	2465.3	55718.	11623.	1839.7	3922.3

Sample Name: S4 Acquired: 11/21/2024 12:06:48 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27228	.29483	1.1300	.39162	.92575	.76215	37.144	.92275
Stddev	.00117	.00128	.0033	.00082	.00323	.02686	1.100	.02552
%RSD	.42815	.43322	.29043	.20996	.34925	3.5243	2.9622	2.7653
#1	.27332	.29384	1.1332	.39257	.92905	.73113	35.890	.89367
#2	.27102	.29627	1.1266	.39121	.92259	.77785	37.949	.94143
#3	.27249	.29438	1.1302	.39109	.92562	.77746	37.594	.93314
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1471	1.0831	.20299	2.0287	.98358	.03145	1.7297	.37697
Stddev	.0183	.0385	.00033	.0096	.00462	.00015	.0629	.01346
%RSD	.35605	3.5513	.16406	.47302	.46938	.48689	3.6389	3.5694
#1	5.1649	1.0387	.20304	2.0392	.98769	.03127	1.6572	.36143
#2	5.1283	1.1050	.20330	2.0204	.97858	.03154	1.7701	.38492
#3	5.1483	1.1057	.20264	2.0266	.98446	.03154	1.7617	.38455
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5244	.43312	.58666	.31826	6.5552	.17928	2.0957	3.8384
Stddev	.0063	.00040	.00312	.01040	.0137	.00112	.0597	.0137
%RSD	.41595	.09187	.53248	3.2690	.20888	.62428	2.8469	.35776
#1	1.5313	.43354	.58311	.30625	6.5710	.17804	2.0273	3.8518
#2	1.5188	.43307	.58792	.32456	6.5487	.17957	2.1371	3.8244
#3	1.5230	.43275	.58896	.32396	6.5460	.18022	2.1228	3.8391
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.53178	2.7169	.03291	.14415	.12044	2.4190	75.453	
Stddev	.00184	.0927	.00032	.00036	.00006	.0898	2.161	
%RSD	.34567	3.4140	.97436	.24890	.04715	3.7126	2.8641	
#1	.53381	2.6099	.03256	.14453	.12038	2.3158	72.964	
#2	.53129	2.7746	.03297	.14382	.12047	2.4798	76.851	
#3	.53023	2.7662	.03319	.14411	.12049	2.4613	76.545	

Sample Name: S4 Acquired: 11/21/2024 12:06:48 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.5	55606.	12234.	1864.6	3899.7
Stddev	15.5	41.	351.	2.8	26.6
%RSD	.61911	.07346	2.8703	.14924	.68255
#1	2487.0	55575.	12638.	1862.1	3869.0
#2	2516.4	55652.	12001.	1867.6	3915.7
#3	2510.1	55590.	12063.	1864.2	3914.5

Sample Name: S5 Acquired: 11/21/2024 12:11:02 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.61304	.65150	2.5148	.88983	2.0773	1.7156	80.592	2.0440
Stddev	.00141	.01042	.0070	.00215	.0039	.0034	.122	.0098
%RSD	.22954	1.5989	.27922	.24210	.18568	.19765	.15123	.47915

#1	.61267	.65986	2.5105	.89031	2.0729	1.7120	80.489	2.0482
#2	.61186	.63983	2.5110	.88747	2.0786	1.7161	80.727	2.0510
#3	.61460	.65482	2.5229	.89169	2.0803	1.7187	80.562	2.0328

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.526	2.3984	.43836	4.5447	2.1661	.06918	3.8021	.85352
Stddev	.035	.0030	.00035	.0135	.0022	.00051	.0010	.00080
%RSD	.30549	.12589	.08062	.29793	.09915	.74000	.02487	.09396

#1	11.516	2.3956	.43811	4.5393	2.1639	.06875	3.8032	.85317
#2	11.497	2.4016	.43876	4.5348	2.1665	.06905	3.8019	.85444
#3	11.565	2.3981	.43821	4.5602	2.1681	.06975	3.8014	.85295

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3941	.95909	1.3181	.70884	14.174	.40224	4.6780	8.4193
Stddev	.0096	.00128	.0063	.00177	.022	.00231	.0265	.0206
%RSD	.28249	.13302	.47502	.25023	.15203	.57553	.56652	.24502

#1	3.3895	.95773	1.3127	.70681	14.196	.40005	4.6948	8.4141
#2	3.3876	.96027	1.3166	.71006	14.153	.40201	4.6918	8.4019
#3	3.4051	.95925	1.3250	.70967	14.171	.40466	4.6475	8.4421

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.1811	6.0475	.07463	.33947	.28317	5.4897	161.07	
Stddev	.0039	.0069	.00118	.00186	.00123	.0153	.15	
%RSD	.32771	.11401	1.5810	.54820	.43416	.27878	.09091	

#1	1.1812	6.0400	.07358	.33781	.28345	5.5072	160.90	
#2	1.1771	6.0535	.07441	.33912	.28183	5.4827	161.16	
#3	1.1848	6.0491	.07590	.34149	.28424	5.4791	161.15	

Sample Name: S5 Acquired: 11/21/2024 12:11:02 Type: Cal
Method: NON EPA-6010-200.7(v2476) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.2	51805.	11362.	1710.6	3486.3
Stddev	1.9	88.	50.	4.3	1.5
%RSD	.08109	.17010	.44109	.25132	.04415
#1	2288.0	51895.	11324.	1710.7	3486.1
#2	2284.3	51801.	11344.	1714.8	3487.8
#3	2286.1	51719.	11419.	1706.2	3484.8

Sample Name: ICV01 Acquired: 11/21/2024 12:15:14 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013299	.9935141	1.018790	1.046637	1.008571	2.615621
Stddev	.017784	.0130068	.017776	.014897	.019667	.134004
%RSD	1.755054	1.309174	1.744797	1.423309	1.949968	5.123206

#1	.992831	.9785058	.998267	1.029520	.985949	2.522905
#2	1.022097	1.000527	1.029323	1.053729	1.018153	2.554695
#3	1.024969	1.001509	1.028781	1.056664	1.021610	2.769263

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5204391	.5219680	.5119655	10.61447	.5180236	.5135790
Stddev	.0258534	.0210481	.0087177	.53268	.0070561	.0091104
%RSD	4.967619	4.032455	1.702788	5.018400	1.362118	1.773898

#1	.5044795	.5064057	.5019029	10.28540	.5098763	.5030685
#2	.5065702	.5135816	.5167591	10.32897	.5221587	.5184521
#3	.5502677	.5459165	.5172343	11.22903	.5220359	.5192165

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5333397	9.563511	.5246257	6.073533	.5181413	.2500323
Stddev	.0102469	.190325	.0275682	.298826	.0089144	.0035786
%RSD	1.921263	1.990120	5.254835	4.920136	1.720458	1.431265

#1	.5215090	9.384238	.5066940	5.890453	.5078751	.2459220
#2	.5394122	9.543058	.5108134	5.911777	.5226258	.2517196
#3	.5390979	9.763237	.5563698	6.418368	.5239230	.2524553

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.089053	.5056350	1.020646	9.429847	2.431161	2.495944
Stddev	.151898	.0230044	.010532	.176698	.098992	.047691
%RSD	1.671221	4.549603	1.031938	1.873817	4.071787	1.910756

#1	8.951449	.4896678	1.008653	9.245254	2.362308	2.440897
#2	9.063665	.4952343	1.024898	9.446869	2.386571	2.524829
#3	9.252046	.5320031	1.028389	9.597419	2.544606	2.522105

Sample Name: ICV01 Acquired: 11/21/2024 12:15:14 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.372350	2.440152	F 1.897893	F .0001527	F -.006468	F -.000682
Stddev	.039521	.121421	.030008	.0015709	.001612	.000741
%RSD	1.665910	4.975948	1.581125	1028.496	24.92253	108.5799
#1	2.326715	2.361188	1.866404	.0018862	-.005966	-.001190
#2	2.395170	2.379303	1.901115	-.001177	-.005167	.000168
#3	2.395166	2.579966	1.926160	-.000251	-.008271	-.001026

Elem	Sr4077
Units	ppm
Avg	F -.007934
Stddev	.000176
%RSD	2.221535
#1	-.007801
#2	-.007866
#3	-.008134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2461.743	57800.61	11909.99	1873.324	4007.097
Stddev	45.377	582.91	462.47	12.502	69.012
%RSD	1.843287	1.008490	3.883063	.6673710	1.722253
#1	2513.976	58466.43	12218.48	1886.841	4086.271
#2	2439.213	57553.16	12133.25	1870.955	3975.340
#3	2432.040	57382.24	11378.24	1862.175	3959.680

Sample Name: LLICV01 Acquired: 11/21/2024 12:36:24 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188392	.0374290	.0114790	.0184989	.0447456	.1041955
Stddev	.0019338	.0008141	.0005793	.0021452	.0008549	.0047745
%RSD	10.26495	2.175121	5.046299	11.59634	1.910533	4.582297
#1	.0200836	.0379839	.0118429	.0193383	.0457300	.1011039
#2	.0198228	.0364944	.0108110	.0160609	.0443166	.1017882
#3	.0166113	.0378087	.0117831	.0200975	.0441901	.1096945
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955532	.0056922	.0065369	1.965459	.0098999	.0263063
Stddev	.0042294	.0001968	.0001350	.096920	.0000644	.0006527
%RSD	4.426217	3.456753	2.065420	4.931151	.6510087	2.481197
#1	.0906698	.0054663	.0066914	1.853997	.0099427	.0270464
#2	.0979525	.0058257	.0064778	2.012498	.0098258	.0260600
#3	.0980374	.0057848	.0064416	2.029883	.0099313	.0258127
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204306	.0946847	.0196710	1.933349	.0349205	.0106372
Stddev	.0004832	.0010331	.0009009	.088641	.0010831	.0002227
%RSD	2.365059	1.091095	4.579610	4.584839	3.101561	2.094075
#1	.0209885	.0951021	.0186319	1.831199	.0361477	.0105066
#2	.0201479	.0935082	.0202313	1.978831	.0340981	.0108944
#3	.0201554	.0954438	.0201500	1.990017	.0345158	.0105106
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.714035	.0389374	.0465717	1.845388	.0924683	.1915634
Stddev	.018250	.0017482	.0000935	.026189	.0040421	.0038123
%RSD	1.064718	4.489864	.2007990	1.419158	4.371328	1.990111
#1	1.697500	.0369868	.0466644	1.815436	.0878009	.1959491
#2	1.710989	.0403628	.0465735	1.856760	.0947923	.1896984
#3	1.733616	.0394627	.0464774	1.863969	.0948117	.1890426

Sample Name: LLICV01 Acquired: 11/21/2024 12:36:24 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343536	F .1893465	.3409865	F .0145304	F .3217837	F .0156278
Stddev	.0005758	.0078476	.0042003	.0013184	.0077080	.0007502
%RSD	1.675993	4.144584	1.231796	9.073073	2.395398	4.800135
#1	.0345059	.1802856	.3362970	.0153714	.3306799	.0149425
#2	.0348379	.1939804	.3444031	.0130110	.3175730	.0155117
#3	.0337170	.1937735	.3422592	.0152087	.3170981	.0164293

Elem	Sr4077
Units	ppm
Avg	.0195697
Stddev	.0007910
%RSD	4.041687
#1	.0186566
#2	.0200415
#3	.0200111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.471	55773.49	12190.84	1811.278	4520.784
Stddev	46.354	100.76	434.49	4.183	87.440
%RSD	1.740355	.1806616	3.564062	.2309454	1.934173
#1	2609.947	55845.69	12692.53	1811.198	4419.833
#2	2690.186	55658.38	11936.29	1807.136	4569.693
#3	2690.282	55816.41	11943.71	1815.501	4572.825

Sample Name: ICB01 Acquired: 11/21/2024 12:40:42 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023726	-.000238	-.000375	.0002334	-.000391	.0015802	-.002884
Stddev	.0006255	.000101	.000214	.0023126	.000526	.0010720	.000517
%RSD	26.36232	42.31345	56.86372	990.9879	134.6793	67.84038	17.94310
#1	.0027385	-.000354	-.000176	-.001374	.000191	.0012024	-.002792
#2	.0027290	-.000178	-.000349	.002884	-.000833	.0007483	-.003441
#3	.0016504	-.000181	-.000601	-.000810	-.000530	.0027901	-.002418
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000363	-.000064	-.004260	.0002098	.0000781	-.000207	.0018484
Stddev	.0000161	.000049	.006739	.0003220	.0001186	.000136	.0023702
%RSD	44.27492	76.54286	158.1822	153.4544	151.8760	65.72718	128.2272
#1	.0000374	-.000108	-.011582	-.000145	.0001542	-.000257	.0037754
#2	.0000517	-.000074	.001683	.000483	.0001386	-.000053	-.000798
#3	.0000197	-.000011	-.002882	.000292	-.000059	-.000312	.002568
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.010823	-.000046	.0005356	-.114561	.0023077	-.000494
Stddev	.000085	.007503	.000227	.0001396	.005522	.0012343	.000055
%RSD	187.4637	69.32487	495.5196	26.06296	4.819858	53.48473	11.20864
#1	-.000083	-.018120	-.000157	.0004917	-.120629	.0012528	-.000554
#2	.000052	-.003129	-.000196	.0006918	-.113220	.0020051	-.000445
#3	-.000105	-.011222	.000216	.0004232	-.109833	.0036651	-.000484
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064592	-.010753	-.000374	.0003468	.0006586	-.003146	-.003234
Stddev	.012828	.000302	.000091	.0006042	.0005394	.001102	.001691
%RSD	19.86058	2.805616	24.47739	174.2389	81.90217	35.01095	52.28991
#1	-.049977	-.010795	-.000467	.0007343	.0010828	-.002030	-.001389
#2	-.073986	-.010432	-.000285	.0006555	.0000515	-.004233	-.004709
#3	-.069814	-.011031	-.000369	-.000349	.0008416	-.003177	-.003603

Sample Name: ICB01 Acquired: 11/21/2024 12:40:42 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003018	-.002125	-.000044
Stddev	.001190	.000764	.000014
%RSD	39.42534	35.93730	33.12879
#1	-.003781	-.002973	-.000028
#2	-.003625	-.001491	-.000056
#3	-.001647	-.001911	-.000047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.527	57643.63	12375.71	1838.732	4379.095
Stddev	5.256	93.35	21.79	7.206	8.162
%RSD	.2076128	.1619383	.1760466	.3919146	.1863771
#1	2530.982	57546.75	12400.14	1833.185	4371.291
#2	2537.034	57651.16	12368.70	1836.133	4387.572
#3	2526.565	57732.99	12358.29	1846.877	4378.421

Sample Name: CRI01 Acquired: 11/21/2024 12:45:02 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212223	.0391790	.0115929	.0200100	.0492367	.1040972
Stddev	.0010623	.0006324	.0008090	.0005013	.0011868	.0062936
%RSD	5.005675	1.614192	6.978583	2.505420	2.410350	6.045923
#1	.0207572	.0384751	.0115494	.0204698	.0482366	.0996013
#2	.0204718	.0396994	.0124228	.0194755	.0489255	.1112899
#3	.0224378	.0393625	.0108065	.0200846	.0505481	.1014006
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961932	.0057927	.0070999	1.990243	.0101608	.0281533
Stddev	.0005904	.0000896	.0000716	.018434	.0002087	.0001874
%RSD	.6137355	1.546231	1.008433	.9262370	2.054403	.6657044
#1	.0956136	.0057013	.0071690	1.976558	.0103607	.0283507
#2	.0967937	.0058803	.0070260	1.982966	.0101776	.0281314
#3	.0961721	.0057967	.0071047	2.011205	.0099442	.0279778
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219560	.0939495	.0198463	1.983298	.0379362	.0105605
Stddev	.0002300	.0029390	.0000975	.011551	.0003456	.0000843
%RSD	1.047400	3.128246	.4914270	.5824199	.9109803	.7985747
#1	.0222179	.0970560	.0198549	1.970105	.0378633	.0106327
#2	.0218632	.0912132	.0197448	1.988197	.0383124	.0105808
#3	.0217870	.0935792	.0199392	1.991592	.0376328	.0104678
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.668191	.0419083	.0445271	1.858150	.0921464	.2086021
Stddev	.016078	.0003712	.0004341	.034073	.0009458	.0004231
%RSD	.9637912	.8856362	.9749809	1.833685	1.026391	.2028260
#1	1.684227	.0414905	.0449386	1.891817	.0914691	.2090466
#2	1.668274	.0420346	.0445692	1.858949	.0932270	.2082043
#3	1.652072	.0421998	.0440735	1.823686	.0917431	.2085554

Sample Name: CRI01 Acquired: 11/21/2024 12:45:02 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364428	F .1950959	.3500611	.0171889	F .3469430	.0155214
Stddev	.0002211	.0003098	.0060227	.0033565	.0028199	.0015297
%RSD	.6067189	.1588143	1.720476	19.52704	.8127956	9.855640
#1	.0365829	.1947849	.3477608	.0197505	.3439556	.0172857
#2	.0361879	.1954046	.3568949	.0133893	.3495585	.0147131
#3	.0365576	.1950983	.3455275	.0184269	.3473151	.0145654

Elem	Sr4077
Units	ppm
Avg	.0200233
Stddev	.0001121
%RSD	.5600528
#1	.0198950
#2	.0200729
#3	.0201021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.358	56172.96	12052.21	1772.515	4190.706
Stddev	9.892	641.92	73.50	22.998	8.148
%RSD	.4023673	1.142750	.6098174	1.297464	.1944395
#1	2455.393	55742.69	12106.75	1752.838	4183.575
#2	2469.394	55865.40	11968.63	1766.911	4199.587
#3	2450.289	56910.79	12081.26	1797.797	4188.956

Sample Name: ICSA01 Acquired: 11/21/2024 12:49:20 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048517	-.000685	.0076577	-.007872	-.002345	270.8767
Stddev	.0025162	.001862	.0010303	.005232	.001734	1.9004
%RSD	51.86185	271.9167	13.45407	66.45900	73.94397	.7015777
#1	.0053174	-.000942	.0084146	-.002752	-.004324	268.7857
#2	.0071025	.001293	.0080741	-.013209	-.001092	272.4987
#3	.0021352	-.002405	.0064844	-.007655	-.001619	271.3457
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022031	.0014908	.0061264	249.8838	.0592750	.0028131
Stddev	.0003442	.0000337	.0002172	1.5857	.0004306	.0002216
%RSD	15.62489	2.260480	3.545687	.6345584	.7263951	7.878894
#1	.0024839	.0015294	.0059957	248.0996	.0595954	.0030519
#2	.0023064	.0014677	.0063772	250.4199	.0594440	.0027733
#3	.0018191	.0014751	.0060063	251.1319	.0587856	.0026140
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210932	100.5848	.0018996	274.4400	.0026823	-.002870
Stddev	.0010012	.6244	.0001958	1.8744	.0004718	.000240
%RSD	4.746678	.6208164	10.30913	.6830012	17.59090	8.369781
#1	.0220781	100.1729	.0018416	272.3669	.0032268	-.002642
#2	.0211251	100.2782	.0017392	274.9380	.0024244	-.003121
#3	.0200764	101.3033	.0021178	276.0152	.0023955	-.002847
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015532	.0062067	.0065132	.0289977	F -.210963	-.001123
Stddev	.011845	.0015311	.0002151	.0035239	.002040	.000380
%RSD	76.25996	24.66924	3.302368	12.15224	.9667655	33.79444
#1	-.029099	.0078638	.0064149	.0250950	-.211403	-.001114
#2	-.010257	.0059117	.0063649	.0319463	-.212747	-.001508
#3	-.007242	.0048445	.0067599	.0299518	-.208740	-.000749

Sample Name: ICSA01 Acquired: 11/21/2024 12:49:20 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005975	-.000745	.0152683	.0007589	-.010561	F .0330603
Stddev	.001897	.000245	.0026940	.0024305	.002884	.0019230
%RSD	31.74173	32.90598	17.64452	320.2777	27.30691	5.816533
#1	-.007070	-.000927	.0143948	.0006054	-.007966	.0348531
#2	-.007069	-.000843	.0131194	.0032624	-.013665	.0310294
#3	-.003785	-.000466	.0182906	-.001591	-.010052	.0332983

Elem	Sr4077
Units	ppm
Avg	.0046709
Stddev	.0005366
%RSD	11.48750
#1	.0045339
#2	.0052627
#3	.0042161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.841	47044.00	11144.17	1480.519	3115.842
Stddev	4.687	103.59	23.74	.767	4.043
%RSD	.2274367	.2201950	.2129883	.0518210	.1297716
#1	2060.494	46961.65	11162.88	1479.793	3114.735
#2	2065.692	47160.30	11117.47	1480.442	3120.323
#3	2056.338	47010.04	11152.16	1481.321	3112.467

Sample Name: ICSAB01 Acquired: 11/21/2024 12:58:26 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166785	.0919709	.0589877	.0429808	.6284153	269.1220
Stddev	.0006604	.0025318	.0022423	.0062579	.0007464	1.0735
%RSD	.5659688	2.752810	3.801363	14.55975	.1187830	.3989021

#1	.1171835	.0948391	.0574882	.0368008	.6282677	269.2308
#2	.1169207	.0900470	.0615655	.0428277	.6277537	270.1370
#3	.1159312	.0910267	.0579095	.0493138	.6292245	267.9983

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5108621	.5177420	1.030224	248.8584	.5753620	.5122117
Stddev	.0029020	.0007100	.003278	1.2906	.0006919	.0014813
%RSD	.5680678	.1371378	.3181633	.5186099	.1202473	.2891915

#1	.5078750	.5179919	1.028651	247.4274	.5761336	.5111343
#2	.5136709	.5169407	1.028029	249.9344	.5747969	.5116000
#3	.5110404	.5182931	1.033992	249.2133	.5751554	.5139009

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5169343	98.74239	.4921262	272.8900	1.017106	.2011919
Stddev	.0005016	.69926	.0035037	1.1785	.003207	.0002174
%RSD	.0970267	.7081665	.7119450	.4318488	.3152853	.1080308

#1	.5164195	98.01492	.4881193	271.5621	1.014381	.2009412
#2	.5169619	99.40953	.4946136	273.8112	1.016297	.2013263
#3	.5174215	98.80272	.4936458	273.2969	1.020640	.2013083

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.044129	.5015284	.8916332	-.000510	F .7058470	.9879203
Stddev	.006099	.0023209	.0028569	.026650	.0041517	.0016915
%RSD	13.82185	.4627638	.3204065	5229.514	.5881908	.1712161

#1	-.049996	.4988654	.8943151	-.030515	.7032209	.9882949
#2	-.037821	.5025989	.8886287	.008579	.7106335	.9860728
#3	-.044570	.5031208	.8919559	.020407	.7036867	.9893930

Sample Name: ICSAB01 Acquired: 11/21/2024 12:58:26 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9553809	.9441818	F .8356514	F .0049127	F -.013177	F .0304244
Stddev	.0030618	.0039253	.0063450	.0015498	.007608	.0005712
%RSD	.3204841	.4157373	.7592848	31.54641	57.73751	1.877326
#1	.9537128	.9396560	.8288406	.0042869	-.009798	.0305207
#2	.9535154	.9466594	.8413953	.0037737	-.007844	.0309413
#3	.9589146	.9462299	.8367182	.0066776	-.021889	.0298112

Elem	Sr4077
Units	ppm
Avg	F .0058746
Stddev	.0003526
%RSD	6.002694
#1	.0062815
#2	.0056859
#3	.0056565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.088	48190.32	11214.55	1534.057	3197.363
Stddev	.283	126.76	25.05	3.309	5.146
%RSD	.0133210	.2630365	.2234037	.2156700	.1609534
#1	2124.872	48150.56	11198.83	1531.907	3201.727
#2	2125.408	48088.21	11201.37	1532.398	3198.674
#3	2124.983	48332.19	11243.44	1537.867	3191.688

Sample Name: CCV01 Acquired: 11/21/2024 14:02:30 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.109845	5.096023	5.037635	5.152214	5.217013	9.887272	9.517164
Stddev	.009157	.050567	.013018	.013868	.005733	.310551	.315255
%RSD	.1792017	.9922769	.2584175	.2691571	.1098886	3.140915	3.312485

#1	5.109692	5.072614	5.037818	5.147229	5.218417	9.802425	9.373485
#2	5.100766	5.061402	5.024526	5.141528	5.210709	9.627963	9.299345
#3	5.119078	5.154052	5.050560	5.167885	5.221914	10.23143	9.878664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2397305	2.470210	23.88580	1.019300	2.459125	1.304517	4.921023
Stddev	.0069342	.006249	.72196	.001282	.006304	.000630	.012343
%RSD	2.892483	.2529806	3.022533	.1258087	.2563364	.0483205	.2508128

#1	.2369146	2.467613	23.59242	1.017899	2.456866	1.304389	4.911249
#2	.2346473	2.465677	23.35673	1.020416	2.454261	1.303960	4.916927
#3	.2476297	2.477338	24.70827	1.019585	2.466246	1.305201	4.934893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348738	24.22512	2.497809	1.272727	24.41551	2.412077	2.587837
Stddev	.073142	.71085	.005840	.000703	.14356	.068106	.008808
%RSD	3.114109	2.934336	.2338123	.0552384	.5879906	2.823548	.3403568

#1	2.319665	23.99676	2.496296	1.273533	24.51579	2.391193	2.596459
#2	2.294603	23.65653	2.492874	1.272408	24.25106	2.356857	2.588199
#3	2.431947	25.02209	2.504257	1.272240	24.47969	2.488179	2.578854

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.33572	4.794891	5.199326	4.923262	4.771739	5.133719	5.133229
Stddev	.14302	.140048	.010838	.013628	.145981	.013254	.021411
%RSD	.5644981	2.920783	.2084490	.2768119	3.059274	.2581695	.4171050

#1	25.43785	4.747275	5.198554	4.912738	4.723405	5.119168	5.112517
#2	25.17227	4.684858	5.188895	4.918392	4.656055	5.136886	5.131892
#3	25.39705	4.952538	5.210530	4.938656	4.935757	5.145102	5.155277

Sample Name: CCV01 Acquired: 11/21/2024 14:02:30 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.920437	4.604747	4.912014
Stddev	.014459	.170837	.178115
%RSD	.2938507	3.710013	3.626106

#1	4.907596	4.550048	4.821820
#2	4.917618	4.467959	4.797037
#3	4.936098	4.796234	5.117185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.470	52085.63	12008.73	1638.456	3614.248
Stddev	.845	129.36	318.22	14.331	7.353
%RSD	.0373927	.2483652	2.649869	.8746622	.2034353

#1	2260.007	51964.66	12126.60	1625.553	3618.300
#2	2261.446	52070.21	12251.20	1635.934	3618.683
#3	2259.957	52222.01	11648.40	1653.880	3605.760

Sample Name: CCB01 Acquired: 11/21/2024 14:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022171	.0008538	.0006612	.0007885	-.000548	.0000535	-.002916
Stddev	.0022125	.0010981	.0005207	.0002812	.000817	.0065504	.000314
%RSD	99.79364	128.6118	78.74590	35.65899	149.0429	12242.01	10.76457
#1	-.000153	.0001791	.0009440	.0009378	.000083	.0057123	-.002836
#2	.002576	.0002614	.0000603	.0009636	-.001471	.0015706	-.002651
#3	.004229	.0021209	.0009792	.0004642	-.000256	-.007122	-.003263
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000318	.0000802	-.000948	.0001965	.0001022	-.000092	-.003139
Stddev	.0000283	.0000596	.004407	.0001851	.0001150	.000231	.003730
%RSD	88.86402	74.23990	464.6963	94.20485	112.5559	249.8289	118.7996
#1	.0000014	.0001452	-.003637	.0004087	.0001753	-.000215	.001007
#2	.0000572	.0000674	-.003346	.0000683	.0001616	-.000236	-.004203
#3	.0000369	.0000281	.004137	.0001125	-.000030	.000174	-.006221
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000027	-.003081	-.000166	.0007211	-.098862	.0011902	.0001168
Stddev	.0002032	.009249	.000162	.0001123	.013147	.0002237	.0001077
%RSD	7650.421	300.1765	97.45738	15.57027	13.29828	18.79791	92.26381
#1	.0002097	-.000524	-.000227	.0006187	-.113903	.0013604	.0000388
#2	-.000005	-.013339	.000017	.0008411	-.093124	.0012735	.0002397
#3	-.000196	.004620	-.000289	.0007035	-.089559	.0009368	.0000718
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064664	-.002091	-.000024	.0001232	.0004229	-.001348	-.002357
Stddev	.023618	.000595	.000094	.0011263	.0002986	.001555	.002348
%RSD	36.52372	28.43400	393.3871	914.4093	70.60396	115.3293	99.58753
#1	-.089585	-.001787	-.000036	-.000302	.0005446	-.003056	-.004338
#2	-.042613	-.001710	-.000112	.001400	.0000827	-.000973	.000236
#3	-.061793	-.002776	.000076	-.000729	.0006415	-.000015	-.002970

Sample Name: CCB01 Acquired: 11/21/2024 14:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000837	-.000479	.0000821
Stddev	.001958	.001619	.0000197
%RSD	233.9582	337.6759	24.06287
#1	-.000943	-.000422	.0000822
#2	.001172	.001110	.0001018
#3	-.002739	-.002126	.0000623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.706	53605.78	11637.69	1705.612	4151.019
Stddev	9.431	95.53	1.77	5.414	12.429
%RSD	.3948205	.1782065	.0151813	.3174147	.2994208
#1	2396.429	53508.70	11637.72	1699.800	4162.151
#2	2391.493	53608.97	11635.91	1706.523	4153.298
#3	2378.195	53699.68	11639.45	1710.513	4137.608

Sample Name: P4910-01 Acquired: 11/21/2024 14:11:03 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608648	-.041357	.4238138	-.012825	-.004913	73.52639
Stddev	.0041972	.003819	.0030717	.001721	.000627	.38261
%RSD	6.895905	9.234455	.7247751	13.41956	12.75395	.5203768

#1	.0623656	-.038417	.4202959	-.013327	-.005636	73.09043
#2	.0641054	-.045673	.4259646	-.010909	-.004527	73.68231
#3	.0561236	-.039980	.4251809	-.014239	-.004576	73.80642

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5638958	.0100304	.0229334	95.49596	.1999444	.1023547
Stddev	.0035859	.0000396	.0001313	.73064	.0005706	.0001754
%RSD	.6359084	.3944204	.5724890	.7651028	.2853894	.1713137

#1	.5600650	.0100423	.0230809	94.65828	.1992973	.1023631
#2	.5644502	.0099862	.0228293	96.00173	.2001607	.1021753
#3	.5671721	.0100626	.0228900	95.82787	.2003753	.1025257

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3615757	162.4565	3.786608	54.20356	.1868543	-.002735
Stddev	.0014588	1.4693	.031839	.47204	.0003800	.000179
%RSD	.4034628	.9044538	.8408411	.8708683	.2033569	6.536544

#1	.3632599	160.8069	3.749846	53.68820	.1864195	-.002916
#2	.3607059	162.9378	3.804531	54.61495	.1871226	-.002558
#3	.3607612	163.6249	3.805445	54.30752	.1870207	-.002732

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.604684	.3475207	1.073308	25.78329	-.299603	.0016556
Stddev	.037212	.0037709	.000445	.21269	.000459	.0002085
%RSD	1.032335	1.085085	.0414395	.8249162	.1531731	12.59564

#1	3.572415	.3439451	1.072815	25.57811	-.299348	.0018964
#2	3.596246	.3471564	1.073681	25.76900	-.300133	.0015353
#3	3.645391	.3514605	1.073426	26.00277	-.299328	.0015351

Sample Name: P4910-01 Acquired: 11/21/2024 14:11:03 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007881	6.698240	F 12.55673	9.045449	.9721304	.1787854
Stddev	.000748	.042288	.09685	.032922	.0073533	.0011966
%RSD	9.486810	.6313272	.7713261	.3639590	.7564056	.6692659
#1	-.007521	6.649413	12.44752	9.047339	.9664021	.1774077
#2	-.008740	6.723071	12.59047	9.011623	.9695667	.1793838
#3	-.007381	6.722237	12.63221	9.077385	.9804223	.1795646

Elem	Sr4077
Units	ppm
Avg	.0434429
Stddev	.0002497
%RSD	.5748575
#1	.0437246
#2	.0433555
#3	.0432486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.991	62300.85	14232.45	1913.927	3304.693
Stddev	6.772	143.93	55.11	10.020	7.360
%RSD	.2568975	.2310210	.3871837	.5235194	.2227279
#1	2628.234	62450.72	14260.39	1923.877	3296.341
#2	2640.724	62163.71	14168.97	1903.838	3310.233
#3	2639.014	62288.11	14267.99	1914.066	3307.504

Sample Name: P4910-05 Acquired: 11/21/2024 14:15:09 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610554	-.020032	.2674109	-.028219	-.005163	149.9077
Stddev	.0045671	.002556	.0033425	.003912	.000119	.6909
%RSD	7.480212	12.76177	1.249960	13.86186	2.297599	.4608759

#1	.0618677	-.022548	.2638677	-.023776	-.005159	149.2062
#2	.0561366	-.017437	.2678572	-.031146	-.005047	149.9295
#3	.0651617	-.020111	.2705079	-.029734	-.005284	150.5875

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.144602	.0155522	.0472905	278.4402	.3042817	.2030259
Stddev	.009579	.0000533	.0004484	4.2038	.0006554	.0001643
%RSD	.4466341	.3429967	.9481116	1.509758	.2153798	.0809229

#1	2.133847	.0154960	.0477599	273.7357	.3049541	.2032089
#2	2.147747	.0156022	.0472450	279.7571	.3042461	.2028911
#3	2.152213	.0155583	.0468666	281.8280	.3036448	.2029775

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4051133	313.0816	8.447418	90.92981	.4230650	-.010287
Stddev	.0044231	3.5567	.061262	.66912	.0013132	.000590
%RSD	1.091811	1.136023	.7252183	.7358605	.3103926	5.731749

#1	.4094366	309.3979	8.383443	90.21242	.4217040	-.010943
#2	.4053064	313.3510	8.453262	91.04005	.4243244	-.010118
#3	.4005968	316.4959	8.505548	91.53697	.4231668	-.009800

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51871	.4046220	.9021205	36.60770	-.562945	.0012840
Stddev	.05265	.0015598	.0037213	.11928	.002675	.0002327
%RSD	.4570950	.3854980	.4125078	.3258433	.4752524	18.12161

#1	11.46562	.4037055	.8998402	36.53347	-.563921	.0015349
#2	11.51958	.4037375	.9001065	36.54433	-.564995	.0010753
#3	11.57092	.4064230	.9064147	36.74529	-.559918	.0012420

Sample Name: P4910-05 Acquired: 11/21/2024 14:15:09 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	4.501506	F 15.65344	F 10.24014	1.449890	.3583572
Stddev	.001001	.027204	.09440	.02882	.008365	.0007104
%RSD	771.2571	.6043382	.6030351	.2814865	.5769114	.1982489
#1	.001014	4.472749	15.56425	10.24061	1.458769	.3587259
#2	-.000558	4.504936	15.64376	10.26873	1.448743	.3588075
#3	-.000846	4.526832	15.75230	10.21109	1.442158	.3575382

Elem	Sr4077
Units	ppm
Avg	.1453793
Stddev	.0016902
%RSD	1.162614
#1	.1468475
#2	.1457587
#3	.1435316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.659	60643.92	14270.88	1843.068	3057.185
Stddev	1.926	70.21	26.04	6.157	3.852
%RSD	.0749897	.1157679	.1825039	.3340656	.1259959
#1	2570.867	60562.89	14251.83	1844.450	3059.711
#2	2567.323	60682.41	14260.25	1848.416	3059.093
#3	2567.786	60686.47	14300.56	1836.337	3052.752

Sample Name: P4910-05DUP Acquired: 11/21/2024 14:19:37 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614185	-.016603	.2544291	-.025920	-.003497	145.2800
Stddev	.0033665	.007811	.0003455	.001520	.001593	2.1697
%RSD	5.481335	47.04839	.1358069	5.863136	45.54539	1.493428

#1	.0647750	-.019051	.2541727	-.027619	-.004118	147.7813
#2	.0580420	-.007860	.2548221	-.024691	-.001687	143.9061
#3	.0614385	-.022896	.2542927	-.025448	-.004686	144.1526

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.078895	.0149334	.0444146	269.9171	.2933340	.1917174
Stddev	.044779	.0002588	.0004776	2.7065	.0002257	.0004060
%RSD	2.153972	1.733282	1.075234	1.002701	.0769511	.2117614

#1	2.130586	.0151981	.0448214	272.4369	.2935041	.1917350
#2	2.051971	.0146809	.0445336	267.0563	.2930779	.1913029
#3	2.054127	.0149211	.0438888	270.2581	.2934201	.1921143

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3808375	302.6783	8.129999	87.67306	.4004961	-.008929
Stddev	.0015616	3.0184	.166979	1.77524	.0005496	.000743
%RSD	.4100554	.9972374	2.053865	2.024835	.1372364	8.322272

#1	.3818159	299.5418	8.313359	89.56451	.3998981	-.009682
#2	.3816600	302.9303	7.986682	86.04303	.4006112	-.008911
#3	.3790365	305.5629	8.089955	87.41165	.4009791	-.008196

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24127	.3900296	.8690633	35.68865	-.552512	.0012483
Stddev	.09076	.0082224	.0030581	.23957	.019486	.0004636
%RSD	.8074070	2.108161	.3518877	.6712917	3.526753	37.13461

#1	11.31836	.3995229	.8685796	35.85297	-.574703	.0007500
#2	11.26421	.3854115	.8723345	35.79923	-.538197	.0013283
#3	11.14124	.3851544	.8662759	35.41376	-.544636	.0016667

Sample Name: P4910-05DUP Acquired: 11/21/2024 14:19:37 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000899	4.401845	F 16.50257	9.689871	1.367566	.3457731
Stddev	.000561	.092618	.10042	.045776	.012051	.0091143
%RSD	62.41402	2.104071	.6085295	.4724066	.8812328	2.635927
#1	-.000730	4.506498	16.61849	9.659176	1.367116	.3562612
#2	-.001525	4.330442	16.44203	9.667951	1.355746	.3412843
#3	-.000442	4.368596	16.44719	9.742484	1.379836	.3397737

Elem	Sr4077
Units	ppm
Avg	.1406945
Stddev	.0115453
%RSD	8.205925
#1	.1540220
#2	.1343054
#3	.1337559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.085	62280.03	14767.28	1908.129	3213.965
Stddev	9.811	173.60	256.29	12.538	3.821
%RSD	.3666149	.2787350	1.735531	.6570948	.1188820
#1	2670.419	62164.95	14484.14	1904.936	3213.513
#2	2670.423	62195.43	14983.42	1897.495	3210.391
#3	2687.414	62479.70	14834.26	1921.954	3217.992

Sample Name: P4910-05LX5 Acquired: 11/21/2024 14:24:07 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144253	-.001987	.0555706	-.006611	-.001359	34.71218	.5029616
Stddev	.0019079	.001475	.0008083	.000257	.001024	.01785	.0019368
%RSD	13.22581	74.24229	1.454562	3.892094	75.36783	.0514091	.3850706

#1	.0150404	-.002568	.0564391	-.006517	-.002170	34.73266	.5051065
#2	.0122857	-.003082	.0548404	-.006413	-.000208	34.70387	.5013409
#3	.0159497	-.000310	.0554322	-.006902	-.001700	34.70000	.5024374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040454	.0052055	68.04940	.0750843	.0390739	.1015599	77.29828
Stddev	.0000393	.0001361	.21953	.0003358	.0003562	.0007168	.46455
%RSD	.9712831	2.615180	.3226098	.4471870	.9116693	.7057734	.6009841

#1	.0040593	.0053342	67.90213	.0750214	.0391104	.1019235	76.85402
#2	.0040010	.0050630	67.94435	.0754471	.0387008	.1020220	77.26007
#3	.0040758	.0052193	68.30172	.0747845	.0394104	.1007342	77.78076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.107698	21.85921	.0846583	-.001734	2.416771	.0992851	.2160748
Stddev	.007028	.08203	.0000671	.000501	.007067	.0007389	.0007767
%RSD	.3334596	.3752557	.0792849	28.91635	.2923972	.7442295	.3594588

#1	2.107039	21.76597	.0846645	-.002260	2.412091	.0993356	.2162216
#2	2.101022	21.89136	.0845882	-.001682	2.413323	.0985223	.2152352
#3	2.115032	21.92029	.0847220	-.001261	2.424900	.0999975	.2167677

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.067130	-.144462	-.000103	-.003677	1.105595	3.833788	1.966533
Stddev	.044298	.001287	.000234	.000098	.003242	.021977	.007656
%RSD	.5491121	.8911645	228.0995	2.663807	.2931987	.5732418	.3893370

#1	8.019582	-.145924	.000080	-.003572	1.106872	3.819371	1.958046
#2	8.074575	-.143963	-.000367	-.003693	1.101909	3.822911	1.972922
#3	8.107234	-.143498	-.000021	-.003766	1.108002	3.859082	1.968631

Sample Name: P4910-05LX5 Acquired: 11/21/2024 14:24:07 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2722951	.0802732	.0314251
Stddev	.0026194	.0009542	.0009259
%RSD	.9619685	1.188710	2.946373
#1	.2701732	.0812501	.0324681
#2	.2752227	.0802263	.0311071
#3	.2714895	.0793434	.0307001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.892	55817.47	12477.26	1760.839	3719.789
Stddev	12.735	75.18	28.12	4.282	11.570
%RSD	.5181152	.1346949	.2253938	.2431578	.3110380
#1	2443.456	55873.95	12452.96	1764.796	3706.493
#2	2462.687	55732.13	12470.77	1756.294	3725.304
#3	2467.534	55846.32	12508.06	1761.429	3727.570

Sample Name: P4910-05MS Acquired: 11/21/2024 14:28:18 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6869193	1.721867	1.156597	1.495999	.6284886	148.2103
Stddev	.0018246	.005307	.004612	.004687	.0019072	1.8011
%RSD	.2656286	.3081974	.3987620	.3132741	.3034503	1.215258

#1	.6888259	1.727115	1.157854	1.497912	.6290451	146.1525
#2	.6851894	1.721983	1.151487	1.499427	.6263652	149.5001
#3	.6867427	1.716503	1.160450	1.490659	.6300557	148.9784

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.280764	.1652451	.2329304	273.8728	.5943346	.3841619
Stddev	.013817	.0004383	.0007235	3.2728	.0008589	.0013177
%RSD	.6057969	.2652187	.3106139	1.194998	.1445168	.3429975

#1	2.265421	.1649434	.2334619	270.1952	.5933431	.3844237
#2	2.292223	.1657478	.2321065	274.9581	.5948079	.3827330
#3	2.284648	.1650441	.2332229	276.4650	.5948526	.3853290

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6076762	307.1303	8.480418	90.96386	.8754594	.0511181
Stddev	.0018736	1.6701	.045670	.21020	.0036247	.0004877
%RSD	.3083241	.5437653	.5385367	.2310784	.4140330	.9541215

#1	.6093413	305.9226	8.430030	90.72344	.8756220	.0506574
#2	.6080400	306.4322	8.519087	91.11291	.8717561	.0510679
#3	.6056474	309.0362	8.492135	91.05523	.8790000	.0516290

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68238	.6257752	1.028823	43.68779	-.348163	.3215456
Stddev	.07614	.0033741	.004962	.21146	.001728	.0011693
%RSD	.5564973	.5391787	.4823106	.4840145	.4964270	.3636627

#1	13.59730	.6240720	1.023368	43.44456	-.346432	.3228698
#2	13.74413	.6296613	1.033069	43.82794	-.348168	.3206549
#3	13.70570	.6235922	1.030031	43.79086	-.349889	.3211121

Sample Name: P4910-05MS Acquired: 11/21/2024 14:28:18 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6522587	4.729600	F 18.09957	F 15.82805	1.371831	.5011429
Stddev	.0030012	.020361	.07905	.06474	.003697	.0040408
%RSD	.4601187	.4304950	.4367763	.4089974	.2694760	.8063125
#1	.6557145	4.706362	18.01915	15.89917	1.367593	.4978432
#2	.6503071	4.744309	18.10238	15.77256	1.373502	.5056497
#3	.6507545	4.738129	18.17718	15.81243	1.374397	.4999359

Elem	Sr4077
Units	ppm
Avg	.3011965
Stddev	.0033556
%RSD	1.114092
#1	.2983260
#2	.3048857
#3	.3003778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.235	62030.73	14247.05	1909.080	3176.833
Stddev	5.380	62.36	30.11	14.224	1.323
%RSD	.2033041	.1005232	.2113698	.7450890	.0416486
#1	2643.732	62101.57	14275.23	1925.290	3175.844
#2	2642.562	61984.16	14215.32	1903.267	3178.336
#3	2652.410	62006.46	14250.60	1898.682	3176.320

Sample Name: P4910-05MSD Acquired: 11/21/2024 14:32:41 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6863065	1.702019	1.144459	1.498117	.6273192	147.3334
Stddev	.0074446	.027106	.003593	.004518	.0027709	.9027
%RSD	1.084733	1.592576	.3139580	.3016001	.4417136	.6126866

#1	.6838789	1.671717	1.140653	1.494825	.6243891	146.6045
#2	.6803787	1.710383	1.144932	1.503268	.6276709	147.0526
#3	.6946618	1.723957	1.147792	1.496258	.6298975	148.3431

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.233117	.1620983	.2314123	268.7187	.5871809	.3796521
Stddev	.002768	.0007219	.0000858	1.8909	.0012113	.0003025
%RSD	.1239333	.4453638	.0370924	.7036679	.2062849	.0796861

#1	2.231677	.1619407	.2313909	267.0370	.5877395	.3793235
#2	2.231367	.1628860	.2313392	270.7655	.5880120	.3797137
#3	2.236308	.1614682	.2315068	268.3535	.5857911	.3799191

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6115348	298.3996	8.251788	89.91052	.8672699	.0502082
Stddev	.0013852	2.0524	.019759	.40672	.0006228	.0005071
%RSD	.2265119	.6878043	.2394494	.4523652	.0718067	1.010062

#1	.6131322	296.4055	8.230412	89.45469	.8673345	.0496398
#2	.6108074	298.2874	8.255569	90.23636	.8666174	.0503704
#3	.6106649	300.5057	8.269384	90.04051	.8678579	.0506144

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.28285	.6166371	1.012346	42.90036	-.353358	.3200937
Stddev	.07684	.0017650	.003980	.15373	.001263	.0009368
%RSD	.5785111	.2862349	.3931634	.3583310	.3573289	.2926726

#1	13.33785	.6146269	1.016014	42.93077	-.353492	.3191325
#2	13.19505	.6173512	1.008114	42.73370	-.354548	.3201445
#3	13.31565	.6179332	1.012910	43.03661	-.352033	.3210041

Sample Name: P4910-05MSD Acquired: 11/21/2024 14:32:41 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6427859	4.716786	F 18.58298	F 15.60060	1.362521	.4857453
Stddev	.0014456	.009061	.04981	.04556	.005940	.0018010
%RSD	.2248945	.1921014	.2680288	.2920260	.4359614	.3707722
#1	.6414948	4.706348	18.60581	15.58012	1.356941	.4858716
#2	.6425152	4.721389	18.52585	15.56887	1.361857	.4838845
#3	.6443477	4.722622	18.61728	15.65280	1.368765	.4874799

Elem	Sr4077
Units	ppm
Avg	.2960180
Stddev	.0013658
%RSD	.4613808
#1	.2975153
#2	.2956981
#3	.2948405

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.565	63139.11	14491.72	1909.266	3201.716
Stddev	3.209	104.26	27.69	10.923	3.715
%RSD	.1210594	.1651353	.1911068	.5720906	.1160432
#1	2654.225	63059.71	14512.04	1902.086	3203.968
#2	2649.233	63257.19	14460.18	1921.836	3203.753
#3	2648.237	63100.44	14502.95	1903.875	3197.428

Sample Name: P4910-05A Acquired: 11/21/2024 14:37:05 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6872742	1.676291	1.151223	1.500693	.6296218	147.7545
Stddev	.0039164	.022609	.000751	.011418	.0047234	.6288
%RSD	.5698404	1.348754	.0651995	.7608291	.7501924	.4255999

#1	.6846705	1.698185	1.151863	1.497184	.6313941	148.4408
#2	.6853740	1.653029	1.151409	1.491442	.6242686	147.2059
#3	.6917781	1.677661	1.150396	1.513453	.6332027	147.6168

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240222	.1615526	.2324342	269.3158	.5892316	.3821516
Stddev	.011950	.0010540	.0007022	.3854	.0018267	.0010973
%RSD	.5334147	.6524186	.3020964	.1430854	.3100089	.2871340

#1	2.252977	.1624834	.2329172	269.2089	.5913392	.3825062
#2	2.229286	.1604082	.2316287	268.9952	.5881068	.3809208
#3	2.238404	.1617662	.2327565	269.7433	.5882486	.3830277

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6118039	301.8508	8.285673	90.38603	.8733372	.0503474
Stddev	.0019328	1.0414	.061423	.62050	.0023584	.0002331
%RSD	.3159237	.3449976	.7413197	.6864951	.2700493	.4630089

#1	.6123175	301.5667	8.296567	90.40546	.8754001	.0500782
#2	.6096662	300.9809	8.219532	89.75604	.8707661	.0504822
#3	.6134281	303.0047	8.340921	90.99657	.8738453	.0504817

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.45315	.6199222	1.020279	43.28646	-.350187	.3200607
Stddev	.01233	.0032263	.002697	.01222	.002713	.0016046
%RSD	.0916835	.5204370	.2643853	.0282246	.7745984	.5013472

#1	13.44943	.6235003	1.022035	43.29556	-.348520	.3202440
#2	13.46692	.6172348	1.017173	43.27257	-.348724	.3183723
#3	13.44311	.6190314	1.021629	43.29124	-.353317	.3215658

Sample Name: P4910-05A Acquired: 11/21/2024 14:37:05 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6452222	4.715359	F 18.61539	F 15.55197	1.365610	.4881391
Stddev	.0003864	.023527	.07034	.05518	.006502	.0034052
%RSD	.0598890	.4989359	.3778354	.3548059	.4761588	.6975857
#1	.6455493	4.732486	18.57853	15.61554	1.369570	.4915188
#2	.6447958	4.688533	18.57114	15.51653	1.369156	.4847090
#3	.6453216	4.725057	18.69649	15.52383	1.358106	.4881896

Elem	Sr4077
Units	ppm
Avg	.2957746
Stddev	.0026671
%RSD	.9017326
#1	.2987318
#2	.2935511
#3	.2950410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.317	62533.65	14452.67	1895.192	3160.375
Stddev	13.093	152.92	93.18	4.935	14.276
%RSD	.4985141	.2445461	.6447165	.2603946	.4517092
#1	2618.713	62380.03	14348.97	1892.789	3148.231
#2	2641.435	62535.06	14529.35	1900.868	3176.100
#3	2618.803	62685.87	14479.70	1891.919	3156.793

Sample Name: P4916-01 Acquired: 11/21/2024 14:41:29 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107343	-.021036	.0571095	.0022450	.0008667	16.15027	.0351934
Stddev	.0026870	.001898	.0011217	.0017225	.0014457	.04606	.0001995
%RSD	25.03192	9.022516	1.964158	76.72689	166.8116	.2851901	.5668985
#1	.0129634	-.021684	.0558677	.0042026	.0025356	16.10252	.0349644
#2	.0077507	-.018899	.0580492	.0009612	-.000003	16.19442	.0352856
#3	.0114890	-.022526	.0574117	.0015712	.000068	16.15386	.0353301
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005605	.0015570	3.217153	.0861746	.0053519	.0314161	16.56447
Stddev	.0000504	.0000164	.022242	.0002989	.0001187	.0004537	.09805
%RSD	8.990738	1.054470	.6913638	.3468761	2.217575	1.444086	.5919494
#1	.0005479	.0015760	3.197313	.0859024	.0054754	.0314789	16.46890
#2	.0006160	.0015465	3.212950	.0864945	.0053416	.0318350	16.66483
#3	.0005176	.0015487	3.241197	.0861268	.0052387	.0309342	16.55967
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0928077	1.316247	.0114313	.0001672	1.118078	.1912744	.0656321
Stddev	.0003442	.020820	.0001285	.0002593	.008363	.0005562	.0004483
%RSD	.3708873	1.581783	1.123818	155.0987	.7479633	.2907613	.6830839
#1	.0929093	1.294578	.0115772	.0002680	1.115034	.1909210	.0658822
#2	.0930896	1.336100	.0113352	-.000127	1.127536	.1909868	.0658995
#3	.0924241	1.318061	.0113815	.000361	1.111664	.1919155	.0651145
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8707569	.0327486	.0116569	.0045211	1.929062	5.690421	1.203002
Stddev	.0128746	.0006606	.0000716	.0005363	.004809	.017064	.004126
%RSD	1.478551	2.017237	.6141133	11.86153	.2492700	.2998785	.3429786
#1	.8803552	.0321849	.0115864	.0042761	1.925625	5.671298	1.207350
#2	.8757893	.0334756	.0117296	.0041511	1.934557	5.704098	1.202515
#3	.8561262	.0325853	.0116546	.0051361	1.927004	5.695865	1.199141

Sample Name: P4916-01 Acquired: 11/21/2024 14:41:29 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4870866	.0026783	.0096993
Stddev	.0047666	.0004890	.0000660
%RSD	.9785918	18.25721	.6806642
#1	.4925590	.0022019	.0097739
#2	.4838409	.0031790	.0096484
#3	.4848597	.0026541	.0096755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.423	59184.38	13178.01	1825.750	3952.031
Stddev	8.091	97.99	20.84	7.491	11.342
%RSD	.3121207	.1655745	.1581176	.4103090	.2869839
#1	2583.102	59224.16	13175.77	1824.382	3939.182
#2	2597.644	59072.75	13158.38	1819.038	3956.261
#3	2596.522	59256.23	13199.88	1833.831	3960.649

Sample Name: P4916-05 Acquired: 11/21/2024 14:45:45 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184716	-.021200	.1002840	-.002847	-.000364	36.64874	.0875980
Stddev	.0015128	.001377	.0006752	.002569	.000408	.30631	.0005886
%RSD	8.189965	6.495614	.6733377	90.24288	112.1459	.8358016	.6719785
#1	.0182379	-.022769	.0995193	-.003673	.000072	36.29803	.0869360
#2	.0200876	-.020640	.1007984	.000034	-.000426	36.78435	.0880625
#3	.0170891	-.020192	.1005342	-.004902	-.000737	36.86383	.0877955
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019704	.0053365	24.39638	.0801584	.0323859	.1974092	77.03727
Stddev	.0000333	.0001828	.24473	.0003299	.0003603	.0006808	.22785
%RSD	1.691921	3.425160	1.003149	.4115070	1.112412	.3448460	.2957635
#1	.0019634	.0055203	24.11518	.0798578	.0327337	.1981414	76.78653
#2	.0019412	.0051548	24.51274	.0801061	.0324098	.1972907	77.09363
#3	.0020067	.0053344	24.56123	.0805113	.0320144	.1967954	77.23165
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6708615	10.51957	.0448490	-.000294	3.617882	.3346583	.1501032
Stddev	.0061994	.15133	.0001016	.000164	.004396	.0021256	.0004394
%RSD	.9241030	1.438536	.2265917	55.68959	.1215120	.6351632	.2927382
#1	.6637339	10.34511	.0447318	-.000475	3.622137	.3329181	.1496987
#2	.6750004	10.61534	.0449114	-.000252	3.618152	.3370274	.1500402
#3	.6738503	10.59827	.0449039	-.000156	3.613357	.3340293	.1505707
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.150692	.2219792	.0084214	.0005026	3.028579	8.883070	1.447711
Stddev	.017903	.0033605	.0001161	.0010220	.025198	.025276	.006092
%RSD	1.555839	1.513879	1.378639	203.3452	.8320233	.2845358	.4208346
#1	1.134487	.2181438	.0082900	-.000635	2.999845	8.877028	1.444982
#2	1.147679	.2233867	.0084639	.001344	3.038978	8.861362	1.454691
#3	1.169910	.2244071	.0085101	.000799	3.046914	8.910818	1.443460

Sample Name: P4916-05 Acquired: 11/21/2024 14:45:45 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.065316	.0188725	.0085827
Stddev	.004098	.0008093	.0003366
%RSD	.3847038	4.288439	3.921871

#1	1.067067	.0186065	.0082237
#2	1.068247	.0182297	.0088913
#3	1.060633	.0197814	.0086331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.144	56366.27	12640.17	1766.133	3864.104
Stddev	14.180	52.03	97.01	4.918	15.761
%RSD	.5694493	.0923024	.7674416	.2784562	.4078785

#1	2474.461	56308.68	12751.52	1766.733	3850.224
#2	2493.913	56409.87	12574.00	1760.942	3860.849
#3	2502.060	56380.26	12594.99	1770.723	3881.238

Sample Name: P4916-09 Acquired: 11/21/2024 14:49:55 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188364	-.010022	.0235828	.0014412	-.001997	13.45239	.0400335
Stddev	.0019978	.001326	.0006068	.0021137	.000156	.38372	.0009980
%RSD	10.60581	13.22607	2.573207	146.6609	7.835636	2.852426	2.492983
#1	.0194394	-.011553	.0229035	.0036831	-.001971	13.47499	.0398159
#2	.0166066	-.009246	.0240714	.0011557	-.001854	13.05787	.0391622
#3	.0204633	-.009268	.0237734	-.000515	-.002164	13.82432	.0411224
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009394	.0025196	6.216592	.0845516	.0051832	.0521162	36.20774
Stddev	.0000325	.0000706	.166278	.0002720	.0000870	.0005406	.29897
%RSD	3.455801	2.803780	2.674747	.3217250	1.678050	1.037293	.8257078
#1	.0009045	.0025851	6.206300	.0845346	.0051520	.0526927	35.89355
#2	.0009448	.0024447	6.055699	.0842884	.0052814	.0520354	36.24095
#3	.0009688	.0025288	6.387777	.0848317	.0051160	.0516206	36.48872
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823100	1.909289	.0086713	-.000108	2.339737	.1457380	.0286298
Stddev	.0016788	.060285	.0000636	.000196	.017187	.0034749	.0003271
%RSD	2.039641	3.157474	.7332574	181.6963	.7345907	2.384319	1.142487
#1	.0822244	1.898741	.0086626	.000118	2.335869	.1448882	.0283598
#2	.0806757	1.854974	.0087387	-.000206	2.324813	.1427668	.0285361
#3	.0840301	1.974152	.0086125	-.000235	2.358529	.1495589	.0289935
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.914450	.0059534	.0095980	.0049480	1.125873	5.512443	.4286955
Stddev	.018002	.0001499	.0001942	.0006535	.030916	.032651	.0032254
%RSD	.9403137	2.517575	2.023745	13.20698	2.745973	.5923100	.7523724
#1	1.909392	.0060511	.0097685	.0043331	1.128817	5.494281	.4250048
#2	1.899518	.0060282	.0096388	.0048767	1.093590	5.492911	.4301087
#3	1.934439	.0057808	.0093866	.0056342	1.155211	5.550137	.4309731

Sample Name: P4916-09 Acquired: 11/21/2024 14:49:55 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3911474	.0025052	-.011577
Stddev	.0018968	.0004222	.000616
%RSD	.4849391	16.85416	5.319706
#1	.3894775	.0025383	-.011238
#2	.3907549	.0020674	-.012288
#3	.3932097	.0029099	-.011204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.510	61347.34	13218.36	1910.523	4040.235
Stddev	3.868	97.62	269.99	7.839	6.945
%RSD	.1474245	.1591319	2.042525	.4103263	.1718915
#1	2620.082	61459.33	13201.24	1918.914	4035.870
#2	2627.703	61302.48	13496.51	1909.268	4048.243
#3	2622.746	61280.21	12957.34	1903.387	4036.591

Sample Name: CCV02 Acquired: 11/21/2024 15:02:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.224742	5.079901	5.129010	5.307282	5.348154	10.09375	9.647773
Stddev	.018345	.039254	.002912	.018388	.015492	.64903	.611660
%RSD	.3511215	.7727351	.0567677	.3464610	.2896641	6.429982	6.339904

#1	5.206871	5.049744	5.132219	5.286440	5.332899	9.34493	8.941834
#2	5.223828	5.065674	5.126537	5.314197	5.347692	10.49424	9.981628
#3	5.243527	5.124285	5.128274	5.321210	5.363872	10.44209	10.01986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2433820	2.513370	24.08618	1.062614	2.506286	1.328593	4.978214
Stddev	.0121307	.000671	1.47473	.024563	.001989	.003398	.055680
%RSD	4.984211	.0267134	6.122715	2.311580	.0793578	.2557389	1.118466

#1	.2294621	2.512605	22.38487	1.090971	2.508288	1.324953	5.040442
#2	.2516951	2.513646	24.99987	1.047926	2.506259	1.329145	4.933102
#3	.2489887	2.513860	24.87380	1.048944	2.504311	1.331681	4.961097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.335878	24.47567	2.538073	1.303952	24.83325	2.453170	2.675646
Stddev	.135828	1.46637	.001962	.029583	.33322	.148205	.064477
%RSD	5.814849	5.991148	.0772957	2.268681	1.341848	6.041367	2.409787

#1	2.179419	22.78470	2.538514	1.338068	25.21773	2.282291	2.750036
#2	2.423570	25.39688	2.535928	1.288368	24.62807	2.546679	2.641095
#3	2.404645	25.24542	2.539776	1.285419	24.65394	2.530539	2.635808

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.00696	4.841599	5.336484	4.987154	4.809154	5.425671	5.135295
Stddev	.26766	.240243	.018005	.003680	.291687	.085934	.002707
%RSD	1.029187	4.962052	.3373864	.0737896	6.065236	1.583850	.0527060

#1	26.31482	4.565817	5.319412	4.987360	4.473199	5.518143	5.136404
#2	25.82938	5.005469	5.334744	4.983375	4.997917	5.348268	5.132210
#3	25.87668	4.953510	5.355295	4.990726	4.956345	5.410602	5.137270

Sample Name: CCV02 Acquired: 11/21/2024 15:02:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.950757	4.559840	4.935270
Stddev	.017946	.269748	.278121
%RSD	.3624866	5.915730	5.635370
#1	4.944140	4.249157	4.616024
#2	4.937060	4.734438	5.125105
#3	4.971072	4.695926	5.064680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.439	50697.92	11868.28	1552.256	3532.860
Stddev	4.034	1084.27	613.58	34.994	2.221
%RSD	.1835891	2.138692	5.169892	2.254364	.0628582
#1	2199.599	49447.32	12574.49	1511.867	3530.694
#2	2199.933	51374.63	11465.85	1573.493	3535.132
#3	2192.785	51271.82	11564.51	1571.409	3532.753

Sample Name: CCB02 Acquired: 11/21/2024 15:13:25 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000223	.0003123	-.000116	.0004539	-.000868	-.000356	-.002539
Stddev	.001191	.0008121	.000989	.0020271	.000342	.000549	.000074
%RSD	535.2763	260.0660	853.2877	446.5997	39.40342	154.1488	2.911572
#1	.001034	.0003973	-.000657	.0026940	-.001116	.000250	-.002587
#2	-.000366	-.000539	-.000716	-.000078	-.001011	-.000820	-.002454
#3	-.001336	.001079	.001025	-.001254	-.000478	-.000499	-.002577
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000429	.0013519	.0003828	.0000247	-.000378	.0019975
Stddev	.000021	.0000263	.0081835	.0001977	.0000440	.000071	.0007288
%RSD	217.5616	61.20047	605.3272	51.65257	178.5159	18.81196	36.48729
#1	.000003	.0000239	-.006749	.0005998	-.000004	-.000302	.0023592
#2	-.000034	.0000319	.009615	.0002128	.000075	-.000390	.0011586
#3	.000002	.0000729	.001190	.0003357	.000003	-.000443	.0024748
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000188	-.007559	-.000236	.0004169	-.141555	.0018877	.0002195
Stddev	.0001354	.009299	.000011	.0002131	.008543	.0008160	.0000357
%RSD	721.6192	123.0264	4.796662	51.12087	6.035285	43.22691	16.27009
#1	.0001704	-.002679	-.000247	.0004574	-.147303	.0027594	.0002318
#2	-.000090	-.001715	-.000224	.0006069	-.145624	.0017613	.0001793
#3	-.000024	-.018282	-.000237	.0001864	-.131738	.0011422	.0002475
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078917	-.006027	-.000142	.0005179	.0008280	-.005301	-.000480
Stddev	.020852	.000265	.000224	.0004551	.0004140	.001310	.002049
%RSD	26.42277	4.398670	157.4811	87.87055	49.99470	24.71345	426.9621
#1	-.100508	-.005891	-.000014	.0002724	.0013005	-.004314	.001587
#2	-.058892	-.006333	-.000011	.0002383	.0005294	-.006788	-.000517
#3	-.077350	-.005858	-.000401	.0010430	.0006540	-.004803	-.002511

Sample Name: CCB02 Acquired: 11/21/2024 15:13:25 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003947	-.002636	.0001273
Stddev	.002571	.000836	.0000380
%RSD	65.13356	31.70252	29.80518
#1	-.006141	-.003008	.0001705
#2	-.001118	-.003221	.0001121
#3	-.004583	-.001679	.0000993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.100	54764.21	11223.39	1724.914	4121.866
Stddev	6.727	142.68	330.22	2.885	7.376
%RSD	.2830950	.2605376	2.942245	.1672568	.1789471
#1	2381.833	54664.25	10844.17	1723.566	4127.223
#2	2377.772	54927.61	11378.49	1722.950	4124.922
#3	2368.695	54700.78	11447.51	1728.227	4113.453

Sample Name: P4923-06 Acquired: 11/21/2024 15:17:46 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846343	-.055126	.5746030	-.023304	.0160079	130.0177
Stddev	.0054709	.003012	.0032157	.005455	.0015660	.3106
%RSD	6.464215	5.463959	.5596347	23.40826	9.782867	.2388844

#1	.0906360	-.058591	.5717861	-.028978	.0157547	129.7196
#2	.0833412	-.053130	.5781066	-.022839	.0176850	129.9941
#3	.0799258	-.053657	.5739164	-.018097	.0145838	130.3394

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9938939	.0062050	.0272634	F 1819.479	1.102577	.0653903
Stddev	.0031703	.0001019	.0003164	6.828	.001845	.0004081
%RSD	.3189773	1.642086	1.160679	.3752898	.1673266	.6240276

#1	.9904891	.0062594	.0274792	1814.469	1.101578	.0656632
#2	.9967608	.0060874	.0274109	1827.257	1.101448	.0655865
#3	.9944319	.0062682	.0269002	1816.712	1.104706	.0649212

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5982387	165.4285	4.116461	59.34818	.3045240	-.002366
Stddev	.0012503	.2574	.013536	.07349	.0009114	.000176
%RSD	.2089968	.1556097	.3288217	.1238308	.2992700	7.442453

#1	.5994096	165.1357	4.102879	59.26748	.3052337	-.002528
#2	.5983847	165.6192	4.129950	59.41126	.3034962	-.002179
#3	.5969218	165.5307	4.116556	59.36581	.3048420	-.002389

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.172390	.3641234	1.707392	14.43563	-.172246	.0373524
Stddev	.037311	.0003265	.008841	.04812	.002581	.0007278
%RSD	.5202035	.0896728	.5178316	.3333389	1.498447	1.948463

#1	7.129413	.3643034	1.716867	14.38028	-.175147	.0376170
#2	7.196484	.3637465	1.699363	14.46749	-.171388	.0365293
#3	7.191275	.3643204	1.705944	14.45913	-.170203	.0379108

Sample Name: P4923-06 Acquired: 11/21/2024 15:17:46 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350735	8.334993	F 268.3766	3.346421	F 52.57321	.5000429
Stddev	.0010314	.010268	.5784	.012241	.10838	.0082982
%RSD	2.940674	.1231951	.2155094	.3657882	.2061571	1.659504
#1	.0339876	8.324876	268.0224	3.358602	52.69114	.5010829
#2	.0351928	8.345406	268.0633	3.346538	52.47796	.4912738
#3	.0360400	8.334696	269.0440	3.334122	52.55054	.5077722

Elem	Sr4077
Units	ppm
Avg	3.484593
Stddev	.016081
%RSD	.4614794
#1	3.491506
#2	3.496061
#3	3.466212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.892	46703.86	11518.21	1451.832	2673.416
Stddev	5.799	68.73	21.65	10.961	8.318
%RSD	.2868169	.1471697	.1879490	.7549555	.3111232
#1	2019.858	46632.21	11509.59	1439.177	2667.970
#2	2017.384	46710.12	11502.19	1458.056	2669.289
#3	2028.435	46769.25	11542.84	1458.265	2682.990

Sample Name: P4924-01 Acquired: 11/21/2024 15:22:08 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262477	-.014753	.1064192	-.002905	-.001712	25.28363	.1425690
Stddev	.0017314	.001522	.0006577	.001672	.000251	.13304	.0003889
%RSD	6.596481	10.31609	.6180060	57.55917	14.63667	.5261747	.2728071
#1	.0281270	-.013525	.1071719	-.000975	-.001918	25.13001	.1421251
#2	.0258989	-.016456	.1059552	-.003809	-.001785	25.36127	.1427316
#3	.0247173	-.014278	.1061306	-.003929	-.001433	25.35959	.1428502
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022615	.0075231	30.27870	.0938820	.0232363	.1735985	104.9636
Stddev	.0000237	.0002296	.20647	.0005577	.0001071	.0006560	.2644
%RSD	1.048345	3.052053	.6818867	.5940999	.4610933	.3779055	.2518645
#1	.0022672	.0075573	30.05524	.0932468	.0233532	.1743502	104.7097
#2	.0022355	.0077337	30.31849	.0942917	.0231428	.1731414	104.9439
#3	.0022819	.0072783	30.46238	.0941075	.0232129	.1733039	105.2373
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7608377	8.652932	.0468185	-.000990	2.358388	.2864260	.1763648
Stddev	.0044171	.056355	.0004046	.000167	.016378	.0015612	.0018075
%RSD	.5805643	.6512854	.8641696	16.82344	.6944362	.5450619	1.024860
#1	.7559561	8.588292	.0469499	-.001011	2.340612	.2849555	.1754012
#2	.7619985	8.678755	.0471411	-.001144	2.372864	.2862581	.1784499
#3	.7645586	8.691748	.0463646	-.000814	2.361688	.2880644	.1752433
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.812049	-.170815	.0074459	.0022296	2.553982	9.247967	1.159344
Stddev	.030745	.001533	.0001122	.0014615	.013101	.015463	.004333
%RSD	1.696685	.8971976	1.506180	65.54846	.5129710	.1672084	.3737342
#1	1.777954	-.169260	.0075574	.0017055	2.538855	9.230128	1.164340
#2	1.820530	-.170861	.0074471	.0038808	2.561490	9.256225	1.157091
#3	1.837663	-.172324	.0073331	.0011025	2.561602	9.257548	1.156603

Sample Name: P4924-01 Acquired: 11/21/2024 15:22:08 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6692454	.0177769	-.052924
Stddev	.0061925	.0010633	.000181
%RSD	.9253032	5.981125	.3417471
#1	.6749927	.0186220	-.053039
#2	.6700561	.0181255	-.052715
#3	.6626874	.0165830	-.053017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.084	55112.16	12601.43	1704.810	3733.814
Stddev	8.674	73.54	27.88	7.719	9.562
%RSD	.3600629	.1334391	.2212445	.4527997	.2560792
#1	2399.199	55086.82	12632.87	1706.535	3722.774
#2	2415.424	55054.64	12591.70	1696.374	3739.476
#3	2412.629	55195.02	12579.72	1711.520	3739.191

Sample Name: P4925-01 Acquired: 11/21/2024 15:26:19 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819301	-.043342	.5230868	-.017165	-.007260	129.8837
Stddev	.0014261	.002914	.0012411	.001100	.000995	.0808
%RSD	1.740641	6.722202	.2372740	6.406466	13.70716	.0622383

#1	.0802941	-.044770	.5243192	-.017384	-.007575	129.9770
#2	.0825856	-.039990	.5231041	-.018139	-.006145	129.8348
#3	.0829106	-.045266	.5218371	-.015972	-.008059	129.8392

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.211561	.0151847	.0410244	47.32901	.2986026	.1792591
Stddev	.001812	.0000790	.0002597	.18011	.0016074	.0005083
%RSD	.1495269	.5204240	.6330605	.3805530	.5382929	.2835654

#1	1.212453	.0151844	.0412915	47.20286	.2998611	.1786969
#2	1.209477	.0151058	.0407728	47.24890	.2967919	.1793941
#3	1.212755	.0152639	.0410091	47.53528	.2991549	.1796863

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2924341	249.6790	7.465353	80.61455	.3753175	-.005283
Stddev	.0010215	.8204	.034579	.33180	.0005952	.000076
%RSD	.3493023	.3285764	.4631884	.4115855	.1585717	1.440199

#1	.2919578	248.7317	7.437069	80.34140	.3749513	-.005366
#2	.2917378	250.1458	7.455088	80.51847	.3749971	-.005216
#3	.2936067	250.1594	7.503902	80.98379	.3760042	-.005267

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.109857	.4077428	1.323913	34.27314	-.478054	-.000450
Stddev	.018559	.0014845	.007826	.13532	.003455	.000162
%RSD	.3631995	.3640794	.5911140	.3948283	.7226774	35.92624

#1	5.092011	.4093863	1.332491	34.24983	-.477059	-.000552
#2	5.129055	.4064992	1.322085	34.41861	-.475206	-.000533
#3	5.108505	.4073430	1.317162	34.15100	-.481898	-.000264

Sample Name: P4925-01 Acquired: 11/21/2024 15:26:19 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010521	7.415750	F 19.38125	F 11.47334	.6768835	.2441984
Stddev	.001743	.019787	.04086	.01904	.0026488	.0008539
%RSD	16.56422	.2668198	.2108288	.1659676	.3913166	.3496833
#1	-.012534	7.409679	19.34090	11.46468	.6745182	.2437435
#2	-.009504	7.399710	19.42260	11.46017	.6797454	.2451834
#3	-.009526	7.437861	19.38025	11.49518	.6763868	.2436682

Elem	Sr4077
Units	ppm
Avg	-.069876
Stddev	.000741
%RSD	1.061086
#1	-.069020
#2	-.070279
#3	-.070329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.816	68764.51	15987.98	2108.841	3370.114
Stddev	11.008	257.90	55.46	19.752	10.804
%RSD	.3678162	.3750428	.3468657	.9366294	.3205679
#1	2987.734	68538.82	15932.95	2095.276	3367.002
#2	3005.447	68709.12	16043.85	2099.745	3382.131
#3	2985.267	69045.61	15987.15	2131.502	3361.207

Sample Name: P4925-05 Acquired: 11/21/2024 15:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511476	-.019437	.4227019	-.009532	-.004041	92.69525
Stddev	.0010980	.003166	.0028697	.004354	.001394	.77876
%RSD	2.146807	16.29016	.6788843	45.68186	34.48768	.8401294

#1	.0511440	-.022467	.4239950	-.011688	-.002706	92.03028
#2	.0500513	-.016150	.4246974	-.012387	-.005486	92.50349
#3	.0522474	-.019693	.4194132	-.004520	-.003930	93.55198

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229648	.0101400	.0224004	30.52323	.1973258	.1003315
Stddev	.009672	.0001609	.0001658	.26445	.0010136	.0003832
%RSD	.7866026	1.586562	.7403036	.8663978	.5136592	.3818957

#1	1.221821	.0100535	.0225663	30.23939	.1984390	.1006248
#2	1.226661	.0103256	.0224003	30.56761	.1970822	.1004718
#3	1.240462	.0100408	.0222347	30.76268	.1964562	.0998980

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4299614	192.0083	2.582879	42.90003	.2122593	-.003824
Stddev	.0020861	.3925	.023058	.35457	.0004395	.000158
%RSD	.4851764	.2044028	.8927392	.8265017	.2070835	4.120528

#1	.4321721	191.5977	2.560521	42.51716	.2127621	-.004003
#2	.4296844	192.0476	2.581537	42.96585	.2120681	-.003761
#3	.4280276	192.3797	2.606579	43.21707	.2119477	-.003707

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.356776	.3611978	.6552832	16.09281	-.388343	.0028512
Stddev	.029411	.0027301	.0035256	.05091	.000590	.0006171
%RSD	.3143296	.7558441	.5380228	.3163230	.1519639	21.64368

#1	9.365208	.3597776	.6586546	16.10969	-.388658	.0024609
#2	9.324070	.3594705	.6555736	16.03560	-.388709	.0025300
#3	9.381050	.3643452	.6516214	16.13312	-.387662	.0035626

Sample Name: P4925-05 Acquired: 11/21/2024 15:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040216	3.478445	F 16.53240	6.342454	.6796521	.1783088
Stddev	.0017445	.030375	.10048	.010668	.0012378	.0009739
%RSD	43.37901	.8732276	.6077660	.1682055	.1821234	.5462045
#1	.0022195	3.450283	16.42603	6.344443	.6794155	.1782350
#2	.0057022	3.474419	16.54547	6.351988	.6785497	.1773738
#3	.0041432	3.510631	16.62570	6.330931	.6809911	.1793175

Elem	Sr4077
Units	ppm
Avg	-.081686
Stddev	.000533
%RSD	.6527211
#1	-.082117
#2	-.081850
#3	-.081090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.243	64303.90	14432.13	1974.060	3510.571
Stddev	16.535	265.52	44.27	12.283	20.340
%RSD	.6018794	.4129159	.3067244	.6222442	.5793954
#1	2728.458	64037.03	14470.50	1961.473	3487.084
#2	2753.681	64306.61	14442.20	1974.691	3522.419
#3	2759.592	64568.05	14383.70	1986.016	3522.209

Sample Name: P4929-01 Acquired: 11/21/2024 15:34:31 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0806636	-.009180	1.094799	-.004900	.0116799	60.42395
Stddev	.0009240	.001834	.003991	.002748	.0004290	.44339
%RSD	1.145463	19.97513	.3645761	56.08496	3.673268	.7338042

#1	.0796003	-.011085	1.093595	-.006024	.0119836	59.94244
#2	.0811194	-.007427	1.099253	-.006908	.0118670	60.51401
#3	.0812712	-.009027	1.091548	-.001768	.0111891	60.81540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.167087	.0078070	.0218703	36.88083	.2012938	.6589387
Stddev	.007322	.0000541	.0000993	.23409	.0008703	.0017428
%RSD	.6273704	.6930892	.4539132	.6347125	.4323342	.2644799

#1	1.158717	.0078429	.0219638	36.61151	.2008042	.6597701
#2	1.170242	.0078333	.0218810	36.99547	.2022986	.6601100
#3	1.172303	.0077447	.0217661	37.03549	.2007787	.6569359

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3024618	104.8209	4.695324	20.35379	.1375574	-.001873
Stddev	.0012204	.3932	.027439	.19644	.0002069	.000076
%RSD	.4034785	.3751031	.5843917	.9651382	.1504002	4.057861

#1	.3036796	104.3726	4.664042	20.12727	.1376613	-.001786
#2	.3024670	105.1072	4.706610	20.45671	.1373191	-.001923
#3	.3012388	104.9830	4.715321	20.47738	.1376916	-.001911

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.548247	.2294099	1.476341	8.167695	-.199254	.0092137
Stddev	.005064	.0010633	.003417	.036728	.000352	.0000258
%RSD	.3270833	.4635062	.2314404	.4496776	.1765859	.2799361

#1	1.544413	.2282234	1.474640	8.135172	-.199408	.0092111
#2	1.553988	.2297293	1.474109	8.160385	-.198852	.0091892
#3	1.546341	.2302768	1.480275	8.207529	-.199503	.0092406

Sample Name: P4929-01 Acquired: 11/21/2024 15:34:31 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274348	1.007582	F 22.05634	F 12.96834	6.186616	.0815153
Stddev	.0000733	.007944	.05879	.02518	.007523	.0012422
%RSD	.2672560	.7884480	.2665593	.1941658	.1216041	1.523917
#1	.0274822	.998775	21.98846	12.94235	6.180263	.0802639
#2	.0273504	1.009761	22.08944	12.97004	6.194923	.0815339
#3	.0274720	1.014209	22.09112	12.99262	6.184661	.0827481

Elem	Sr4077
Units	ppm
Avg	.0828646
Stddev	.0006971
%RSD	.8412894
#1	.0821857
#2	.0828294
#3	.0835786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.474	73270.53	16487.04	2253.516	3681.755
Stddev	13.256	133.41	32.94	10.772	16.782
%RSD	.4235824	.1820825	.1998226	.4779936	.4558229
#1	3114.375	73127.42	16520.85	2247.140	3663.789
#2	3134.850	73292.72	16485.24	2265.952	3684.449
#3	3139.198	73391.47	16455.03	2247.454	3697.028

Sample Name: PB165130BL Acquired: 11/21/2024 15:38:35 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018260	-.000792	-.000429	-.000061	-.001182	.0059892	-.002795
Stddev	.0012785	.001281	.000587	.001440	.001470	.0035251	.000453
%RSD	70.01715	161.6062	136.7083	2346.197	124.3577	58.85887	16.20757
#1	.0024061	-.001964	-.000852	.001352	-.002874	.0036598	-.003296
#2	.0027117	.000574	-.000676	-.000009	-.000446	.0100447	-.002414
#3	.0003603	-.000987	.000241	-.001527	-.000226	.0042629	-.002675
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001024	-.000047	.0056045	.0000640	-.000056	-.000268	.0020669
Stddev	.0000312	.000066	.0025644	.0001141	.000032	.000099	.0022994
%RSD	30.43999	141.9365	45.75702	178.3235	57.97388	37.04630	111.2490
#1	.0000693	-.000123	.0053151	.0000932	-.000065	-.000155	.0042891
#2	.0001311	-.000013	.0031970	-.000062	-.000020	-.000310	-.000303
#3	.0001068	-.000004	.0083013	.000161	-.000082	-.000340	.002214
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001798	-.007241	-.000047	.0004520	-.122531	.0002732	-.000027
Stddev	.0001498	.003763	.000131	.0000468	.012641	.0004994	.000144
%RSD	83.31552	51.95927	278.8113	10.35993	10.31644	182.8060	538.2485
#1	.0002424	-.005312	-.000173	.0005046	-.136462	.0007820	-.000193
#2	.0002880	-.004835	.000089	.0004149	-.119337	.0002540	.000068
#3	.0000088	-.011577	-.000057	.0004365	-.111793	-.000216	.000044
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032996	-.010497	-.000356	.0002768	.0003015	.0003174	-.001069
Stddev	.007814	.000933	.000148	.0004323	.0002879	.0036752	.000910
%RSD	23.68069	8.889059	41.56429	156.1849	95.46795	1157.923	85.15919
#1	-.040581	-.010317	-.000398	.0006977	.0000184	-.001552	-.000672
#2	-.033435	-.011507	-.000192	-.000166	.0005939	.004551	-.002110
#3	-.024972	-.009668	-.000479	.000299	.0002924	-.002047	-.000425

Sample Name: PB165130BL Acquired: 11/21/2024 15:38:35 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004056	-.003317	-.000055
Stddev	.000539	.001661	.000030
%RSD	13.30078	50.08347	53.70739
#1	-.003487	-.001552	-.000067
#2	-.004120	-.004850	-.000077
#3	-.004560	-.003547	-.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.663	55423.96	11730.55	1742.446	4150.282
Stddev	7.692	89.09	35.76	4.564	9.057
%RSD	.3189384	.1607512	.3048392	.2619170	.2182316
#1	2406.445	55351.09	11694.55	1737.183	4143.688
#2	2420.496	55397.52	11731.04	1745.302	4160.609
#3	2408.047	55523.29	11766.06	1744.853	4146.550

Sample Name: PB165130BS Acquired: 11/21/2024 15:42:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7972164	2.024380	.9888191	2.048515	.8099951	2.110107
Stddev	.0009603	.004381	.0020798	.004140	.0056764	.027852
%RSD	.1204528	.2163921	.2103312	.2021196	.7007878	1.319933

#1	.7964972	2.028927	.9872961	2.051464	.8083114	2.089236
#2	.7983069	2.020187	.9911887	2.043781	.8053511	2.141733
#3	.7968451	2.024026	.9879725	2.050300	.8163228	2.099351

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1963032	.2100266	.1955322	1.170988	.4142325	.1951992
Stddev	.0029043	.0031315	.0004674	.018802	.0007416	.0003551
%RSD	1.479505	1.491017	.2390441	1.605661	.1790407	.1819033

#1	.1949303	.2091111	.1958854	1.167656	.4141950	.1953442
#2	.1996395	.2135139	.1957090	1.191233	.4149922	.1954589
#3	.1943399	.2074548	.1950022	1.154074	.4135103	.1947946

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3212299	2.888023	.2013633	2.024232	.4960725	.0770707
Stddev	.0006645	.009537	.0025789	.043222	.0005239	.0001625
%RSD	.2068721	.3302243	1.280725	2.135216	.1056082	.2108664

#1	.3217328	2.877407	.1995623	1.982541	.4963122	.0768845
#2	.3204765	2.890794	.2043176	2.068837	.4964337	.0771441
#3	.3214803	2.895867	.2002101	2.021318	.4954717	.0771836

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.620060	.3094487	.2141327	9.668596	.2912859	.4224181
Stddev	.005906	.0050451	.0008350	.008223	.0033265	.0006477
%RSD	.2254275	1.630364	.3899472	.0850503	1.142019	.1533202

#1	2.615595	.3084939	.2133486	9.669998	.2893283	.4227040
#2	2.617829	.3149030	.2150106	9.659762	.2951268	.4216767
#3	2.626757	.3049492	.2140389	9.676028	.2894027	.4228736

Sample Name: PB165130BS Acquired: 11/21/2024 15:42:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6793886	.2020279	.7624750	5.771643	F -.012408	.1776554
Stddev	.0003490	.0034928	.0074718	.011014	.001385	.0027227
%RSD	.0513662	1.728890	.9799357	.1908364	11.15914	1.532565
#1	.6790183	.2016776	.7572784	5.777833	-.011174	.1775730
#2	.6797115	.2056827	.7710377	5.758926	-.012145	.1804184
#3	.6794359	.1987234	.7591089	5.778170	-.013906	.1749749

Elem	Sr4077
Units	ppm
Avg	.2067116
Stddev	.0027825
%RSD	1.346087
#1	.2055618
#2	.2098848
#3	.2046883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.492	54366.73	11426.90	1700.849	3956.109
Stddev	6.743	115.83	168.37	2.715	5.580
%RSD	.2856515	.2130514	1.473452	.1596168	.1410412
#1	2357.303	54416.34	11492.93	1702.242	3950.505
#2	2368.238	54234.36	11235.53	1702.584	3961.664
#3	2355.935	54449.49	11552.25	1697.720	3956.158

Sample Name: P4916-04 Acquired: 11/21/2024 15:46:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003493	-.005568	.0038889	.0124882	.0009921	.8383176	.1262542
Stddev	.001422	.000855	.0003284	.0010776	.0015885	.0047278	.0007277
%RSD	40.72003	15.35334	8.443781	8.628818	160.1180	.5639588	.5763758
#1	-.005081	-.005246	.0038548	.0136803	-.000459	.8404589	.1261212
#2	-.003059	-.004921	.0035789	.0122007	.000746	.8415958	.1270392
#3	-.002338	-.006537	.0042330	.0115835	.002689	.8328980	.1256021
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002409	.0002930	2.661896	.0025773	.0002331	.0123438	3.840567
Stddev	.0000298	.0000391	.006436	.0002896	.0001115	.0005727	.011275
%RSD	12.35450	13.34169	.2417983	11.23745	47.85018	4.639538	.2935731
#1	.0002388	.0002852	2.660239	.0028080	.0001814	.0117923	3.827876
#2	.0002716	.0003354	2.656451	.0026717	.0003611	.0129355	3.849427
#3	.0002122	.0002584	2.669000	.0022523	.0001567	.0123035	3.844399
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2354641	.6403576	.0015727	.0003053	318.1762	.0043842	.0982891
Stddev	.0006265	.0078767	.0002366	.0002091	2.7830	.0011764	.0001596
%RSD	.2660810	1.230051	15.04476	68.48774	.8746607	26.83348	.1623531
#1	.2352361	.6473537	.0016292	.0001206	315.0958	.0037573	.0984201
#2	.2361727	.6418929	.0017760	.0005324	320.5090	.0057414	.0983358
#3	.2349835	.6318263	.0013130	.0002630	318.9238	.0036540	.0981114
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3926457	.0373310	.0009220	.0029920	.0199281	.9188127	.0490373
Stddev	.0183542	.0006940	.0001123	.0011103	.0005579	.0016474	.0020797
%RSD	4.674497	1.859141	12.18477	37.11025	2.799819	.1792928	4.241001
#1	.3955489	.0381238	.0010250	.0017125	.0205488	.9203901	.0507775
#2	.4093754	.0368329	.0008022	.0035606	.0197672	.9189447	.0496005
#3	.3730130	.0370364	.0009387	.0037028	.0194682	.9171033	.0467341

Sample Name: P4916-04 Acquired: 11/21/2024 15:46:56 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7435461	-.000335	.0151965
Stddev	.0019681	.000060	.0000981
%RSD	.2646886	17.89048	.6457266
#1	.7420979	-.000268	.0151910
#2	.7457869	-.000352	.0152972
#3	.7427535	-.000384	.0151012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.561	49099.36	11606.75	1513.870	3413.775
Stddev	4.126	110.43	55.02	5.793	4.453
%RSD	.1948690	.2249213	.4740154	.3826719	.1304395
#1	2113.550	49154.13	11599.44	1517.235	3409.041
#2	2117.338	48972.24	11555.76	1507.181	3414.405
#3	2121.794	49171.70	11665.06	1517.195	3417.879

Sample Name: P4916-08 Acquired: 11/21/2024 15:51:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002666	-.007740	.0053576	.0051354	.0003062	.2487926	.0868560
Stddev	.001553	.000598	.0009695	.0006052	.0013038	.0016331	.0005575
%RSD	58.26525	7.726626	18.09641	11.78381	425.8421	.6563911	.6418114
#1	-.004446	-.007800	.0049934	.0045914	.0014929	.2477749	.0862165
#2	-.001584	-.007115	.0046228	.0050277	-.001089	.2479266	.0872393
#3	-.001968	-.008306	.0064564	.0057872	.000515	.2506762	.0871122
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001036	.0003386	22.12852	.0016710	.0063703	.0195740	1.969696
Stddev	.0000276	.0000425	.12897	.0005117	.0001353	.0002900	.004640
%RSD	26.64449	12.56142	.5828366	30.62527	2.123647	1.481424	.2355753
#1	.0000827	.0002948	21.98106	.0012072	.0062146	.0193209	1.970957
#2	.0001349	.0003797	22.18420	.0015857	.0064592	.0195107	1.964556
#3	.0000932	.0003414	22.22030	.0022200	.0064370	.0198904	1.973576
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4595758	1.692248	.0036355	.0005421	343.6547	.0019981	.0491911
Stddev	.0028483	.010116	.0003395	.0001824	1.9678	.0004120	.0007650
%RSD	.6197637	.5977705	9.337629	33.65592	.5726027	20.61865	1.555063
#1	.4562978	1.681512	.0032875	.0003480	341.3880	.0024714	.0495212
#2	.4609832	1.693630	.0036532	.0005682	344.6521	.0017195	.0483165
#3	.4614466	1.701602	.0039658	.0007101	344.9241	.0018035	.0497355
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4015885	.1485385	.0005762	.0003836	.0053058	.8384680	.0303972
Stddev	.0237160	.0007566	.0001798	.0009884	.0004119	.0021989	.0023711
%RSD	5.905552	.5093829	31.20935	257.6701	7.762830	.2622537	7.800357
#1	.4135752	.1477923	.0006813	.0009353	.0050659	.8403565	.0322156
#2	.4169185	.1485180	.0006788	-.000758	.0050700	.8360539	.0277154
#3	.3742717	.1493051	.0003685	.000973	.0057814	.8389937	.0312605

Sample Name: P4916-08 Acquired: 11/21/2024 15:51:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7448150	.0032623	.0908795
Stddev	.0029902	.0005711	.0004647
%RSD	.4014667	17.50463	.5112895
#1	.7427388	.0028767	.0903460
#2	.7434639	.0029919	.0911954
#3	.7482423	.0039184	.0910972

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.688	49319.92	11710.09	1527.893	3415.154
Stddev	9.240	144.04	26.05	6.389	8.559
%RSD	.4328607	.2920526	.2224400	.4181620	.2506183
#1	2125.700	49165.83	11738.93	1521.412	3410.059
#2	2144.161	49342.76	11688.27	1528.082	3425.036
#3	2134.203	49451.18	11703.08	1534.186	3410.368

Sample Name: P4916-12 Acquired: 11/21/2024 15:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005729	-.007420	.0028764	.0029091	.0006938	.2986919	.0788593
Stddev	.002363	.001296	.0003236	.0013613	.0005821	.0043574	.0009373
%RSD	41.25270	17.46720	11.24886	46.79503	83.89503	1.458832	1.188515
#1	-.007974	-.006389	.0026102	.0040652	.0012037	.2955840	.0779571
#2	-.005950	-.006996	.0027824	.0032536	.0008181	.2968192	.0798280
#3	-.003263	-.008875	.0032365	.0014087	.0000596	.3036727	.0787927
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	-.000094	1.371204	.0018001	.0000490	.0125490	.1784704
Stddev	.000012	.000054	.026789	.0000926	.0002031	.0005671	.0035587
%RSD	9.455451	57.43872	1.953698	5.142084	414.6507	4.519288	1.993976
#1	-.000126	-.000154	1.345404	.0017668	.0002661	.0129704	.1775519
#2	-.000146	-.000050	1.398883	.0019048	-.000136	.0127724	.1754610
#3	-.000123	-.000078	1.369326	.0017289	.000017	.0119042	.1823982
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181320	.2395896	.0009153	.0005719	302.4762	.0013085	.0481988
Stddev	.0004363	.0029477	.0001081	.0002412	1.0224	.0004494	.0005574
%RSD	2.406397	1.230302	11.81070	42.17258	.3380253	34.34811	1.156490
#1	.0177268	.2393092	.0010046	.0007662	302.3772	.0011504	.0480225
#2	.0180754	.2367921	.0007951	.0003020	301.5069	.0018156	.0488230
#3	.0185939	.2426674	.0009462	.0006476	303.5446	.0009594	.0477508
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452526	.0099098	.0003076	.0006879	.0029794	.3405366	.0236204
Stddev	.0049690	.0007263	.0001403	.0002969	.0005756	.0029621	.0028463
%RSD	10.98055	7.329522	45.60334	43.16544	19.31990	.8698272	12.05017
#1	.0465933	.0090913	.0003745	.0008289	.0024657	.3392035	.0228723
#2	.0494136	.0101607	.0004019	.0003467	.0028711	.3439310	.0212228
#3	.0397508	.0104774	.0001464	.0008881	.0036015	.3384753	.0267660

Sample Name: P4916-12 Acquired: 11/21/2024 15:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3633511	-.001900	.0078787
Stddev	.0034652	.000754	.0001235
%RSD	.9536739	39.65102	1.567636

#1	.3622005	-.001894	.0077397
#2	.3606076	-.001150	.0079206
#3	.3672452	-.002657	.0079759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.969	52373.06	12054.37	1639.899	3619.951
Stddev	4.257	136.23	63.98	6.954	3.751
%RSD	.1884560	.2601146	.5307422	.4240353	.1036324

#1	2263.526	52406.29	12127.22	1639.019	3623.123
#2	2258.289	52489.61	12007.34	1647.252	3620.919
#3	2255.093	52223.29	12028.55	1633.428	3615.810

Sample Name: CCV03 Acquired: 11/21/2024 16:00:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977242	4.973487	4.955689	5.065119	5.087305	10.17593	9.692825
Stddev	.005365	.021325	.007454	.007458	.006348	.01144	.050643
%RSD	.1077950	.4287758	.1504054	.1472401	.1247882	.1124050	.5224780

#1	4.983420	4.948865	4.961698	5.057002	5.092353	10.16844	9.637015
#2	4.973758	4.985538	4.958022	5.066685	5.080178	10.18910	9.735849
#3	4.974547	4.986059	4.947349	5.071669	5.089385	10.17027	9.705612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2510237	2.441357	24.57011	1.028391	2.428805	1.267204	4.857488
Stddev	.0010127	.004762	.03653	.001168	.004027	.004532	.021163
%RSD	.4034307	.1950455	.1486689	.1135927	.1658147	.3575993	.4356694

#1	.2521721	2.445924	24.56946	1.029194	2.433108	1.271519	4.833894
#2	.2506409	2.441726	24.60695	1.027051	2.428182	1.267610	4.863772
#3	.2502583	2.436422	24.53391	1.028929	2.425126	1.262484	4.874796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.388606	24.89425	2.453982	1.272082	24.22910	2.486211	2.582652
Stddev	.013196	.02807	.004103	.002409	.13073	.007976	.005107
%RSD	.5524516	.1127574	.1672019	.1893841	.5395706	.3208014	.1977287

#1	2.391806	24.87279	2.457705	1.270655	24.20715	2.488153	2.580897
#2	2.399908	24.92601	2.454658	1.270728	24.36942	2.493035	2.578655
#3	2.374104	24.88393	2.449582	1.274864	24.11073	2.477443	2.588405

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.19051	4.947326	5.113949	4.844089	4.875070	5.301902	5.062565
Stddev	.12065	.027236	.006567	.001029	.015289	.030682	.003513
%RSD	.4789368	.5505130	.1284200	.0212457	.3136097	.5787014	.0693986

#1	25.05260	4.977847	5.121270	4.844196	4.879857	5.266524	5.065311
#2	25.27653	4.938633	5.112001	4.845061	4.887392	5.317956	5.058606
#3	25.24239	4.925498	5.108577	4.843011	4.857960	5.321227	5.063779

Sample Name: CCV03 Acquired: 11/21/2024 16:00:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.811265	4.642045	5.007752
Stddev	.013077	.035474	.029471
%RSD	.2717912	.7641904	.5885074

#1	4.826200	4.652849	5.035567
#2	4.801874	4.670862	5.010823
#3	4.805721	4.602426	4.976865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.358	52229.61	11662.97	1649.598	3709.070
Stddev	7.132	168.49	51.74	3.988	13.665
%RSD	.3060262	.3225865	.4436020	.2417664	.3684184

#1	2323.584	52415.10	11626.90	1653.361	3697.096
#2	2329.691	52086.05	11639.78	1645.417	3706.157
#3	2337.800	52187.69	11722.25	1650.015	3723.956

Sample Name: CCB03 Acquired: 11/21/2024 16:04:28 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008193	.0006539	.0005076	.0000774	-.000291	.0004857	-.002900
Stddev	.0028116	.0011872	.0009031	.0017964	.000424	.0025875	.000451
%RSD	343.1591	181.5550	177.9104	2319.660	145.9157	532.6880	15.56647

#1	.0032391	.0016964	.0005475	.0012958	.000147	-.000680	-.003307
#2	-.002265	-.000638	.0013901	.0009222	-.000700	-.001314	-.002978
#3	.001484	.000904	-.000415	-.001986	-.000319	.003451	-.002414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000671	.0000782	-.000334	-.000001	.0001468	-.000101	-.000096
Stddev	.0000303	.0000761	.001398	.000054	.0001692	.000327	.004501
%RSD	45.12163	97.32598	418.9615	7534.835	115.2659	322.4737	4692.958

#1	.0001020	.0001534	-.000999	-.000028	.0001185	-.000171	-.004390
#2	.0000476	.0000800	.001272	.000061	.0003285	.000254	.004587
#3	.0000518	.0000012	-.001274	-.000035	-.000006	-.000388	-.000485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000547	.0012145	.0000520	.0006022	-.074612	.0011563	.0002270
Stddev	.0000737	.0030496	.0001023	.0001623	.011673	.0005076	.0002658
%RSD	134.7367	251.1051	196.7063	26.95482	15.64431	43.89762	117.1201

#1	.0000721	.0038921	.0001179	.0004148	-.080398	.0005715	.0001460
#2	-.000026	-.002105	.0001041	.0006944	-.082261	.0014149	.0005239
#3	.000118	.001856	-.000066	.0006973	-.061177	.0014824	.0000111

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083296	-.005804	.0000965	.0000640	.0009471	.0052022	-.001873
Stddev	.0393535	.000377	.0002575	.0003787	.0002320	.0045013	.002342
%RSD	472.4547	6.502978	266.7116	591.6063	24.49815	86.52638	125.0378

#1	-.036998	-.005470	.0002758	.0003907	.0008398	.0055823	-.004575
#2	.033776	-.006214	.0002123	-.000351	.0012134	.0005229	-.000622
#3	.028211	-.005729	-.000199	.000152	.0007882	.0095014	-.000422

Sample Name: CCB03 Acquired: 11/21/2024 16:04:28 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003280	-.001211	.0002773
Stddev	.001400	.001434	.0000256
%RSD	42.67408	118.3923	9.231786
#1	-.004895	.000337	.0002543
#2	-.002432	-.001476	.0003049
#3	-.002512	-.002493	.0002728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.703	56583.43	12085.11	1763.740	4239.717
Stddev	7.942	75.49	32.68	9.763	9.575
%RSD	.3231437	.1334188	.2704264	.5535564	.2258316
#1	2460.907	56554.68	12087.54	1762.308	4248.464
#2	2463.543	56526.53	12051.28	1754.772	4241.200
#3	2448.660	56669.07	12116.50	1774.141	4229.488

Sample Name: P4923-02 Acquired: 11/21/2024 16:08:49 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034856	-.008163	.0212124	.0056631	.0020440	.1105495	.1153133
Stddev	.0020878	.002610	.0006146	.0010308	.0004501	.0023073	.0008987
%RSD	59.89819	31.98029	2.897321	18.20170	22.02186	2.087134	.7793690

#1	.0057485	-.011103	.0205204	.0049037	.0025332	.1093993	.1143614
#2	.0016340	-.006119	.0214218	.0068366	.0019514	.1132059	.1154314
#3	.0030744	-.007265	.0216949	.0052492	.0016473	.1090434	.1161472

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	.0016600	5.818610	.0044251	.0051595	.0284713	1.065607
Stddev	.000026	.0000369	.045182	.0003003	.0002030	.0003549	.009727
%RSD	19.93582	2.223855	.7765079	6.786384	3.933927	1.246643	.9127880

#1	-.000149	.0016183	5.774102	.0047066	.0050696	.0284715	1.056358
#2	-.000141	.0016732	5.864437	.0044595	.0050171	.0288262	1.064714
#3	-.000101	.0016885	5.817292	.0041090	.0053920	.0281163	1.075750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669722	.8094765	.0023954	.0002970	282.0068	.0012414	25.30075
Stddev	.0008290	.0034169	.0002303	.0000473	1.3757	.0023297	.14343
%RSD	1.237885	.4221147	9.613140	15.91929	.4878371	187.6735	.5668888

#1	.0660694	.8102171	.0026599	.0003330	281.2313	-.000045	25.20979
#2	.0676993	.8124623	.0022393	.0002435	283.5952	.003931	25.46609
#3	.0671481	.8057500	.0022870	.0003146	281.1940	-.000162	25.22637

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947400	.0334947	-.005454	.0008574	.0011715	2.064994	2.483199
Stddev	.026520	.0007823	.000357	.0001735	.0002544	.010543	.003750
%RSD	1.361841	2.335596	6.548549	20.23639	21.71354	.5105350	.1510254

#1	1.977210	.0326725	-.005312	.0010574	.0011429	2.058788	2.478926
#2	1.938567	.0342298	-.005189	.0007675	.0009326	2.077166	2.485946
#3	1.926424	.0335816	-.005860	.0007472	.0014389	2.059027	2.484725

Sample Name: P4923-02 Acquired: 11/21/2024 16:08:49 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.044374	.0001210	.0394145
Stddev	.004624	.0012519	.0001573
%RSD	.4427489	1035.005	.3991215
#1	1.044787	-.000538	.0392483
#2	1.039557	-.000664	.0394340
#3	1.048777	.001565	.0395611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.796	49511.81	11873.16	1524.401	3494.038
Stddev	9.947	141.30	62.59	12.574	6.098
%RSD	.4644116	.2853803	.5271753	.8248393	.1745179
#1	2132.319	49478.24	11944.66	1533.593	3487.012
#2	2140.915	49390.32	11828.24	1510.072	3497.941
#3	2152.154	49666.87	11846.59	1529.538	3497.162

Sample Name: P4923-03 Acquired: 11/21/2024 16:13:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007208	-.007466	.0265067	.0053850	.0062103	.1339331	.1237858
Stddev	.002124	.001449	.0003160	.0017287	.0012700	.0038077	.0012643
%RSD	29.47230	19.40294	1.192070	32.10167	20.45047	2.842967	1.021341
#1	-.009170	-.005844	.0265097	.0040245	.0068028	.1319475	.1231191
#2	-.007503	-.007924	.0268211	.0048002	.0047523	.1315286	.1229945
#3	-.004952	-.008631	.0261892	.0073302	.0070758	.1383231	.1252439
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0102859	10.94265	.0092686	.0013098	.1248351	4.692753
Stddev	.000022	.0000244	.13165	.0001122	.0001597	.0001980	.017220
%RSD	206.4621	.2375754	1.203108	1.210440	12.19335	.1585964	.3669531
#1	-.000035	.0102912	10.79872	.0091567	.0011271	.1246316	4.697165
#2	.000008	.0102592	10.97224	.0093811	.0014226	.1250271	4.673755
#3	-.000005	.0103072	11.05698	.0092678	.0013798	.1248467	4.707337
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1273590	1.096175	.0067610	.0003059	289.0652	.0023872	4.236275
Stddev	.0008950	.015003	.0002000	.0001318	2.6736	.0012992	.006230
%RSD	.7027407	1.368630	2.958540	43.06335	.9249022	54.42404	.1470574
#1	.1264027	1.079345	.0069391	.0004338	292.1510	.0035511	4.243036
#2	.1274978	1.101036	.0065446	.0001706	287.6050	.0026252	4.235020
#3	.1281765	1.108145	.0067994	.0003134	287.4398	.0009855	4.230768
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.734533	.0369908	.0004252	.0006821	.0015810	.7926735	1.601771
Stddev	.032715	.0004613	.0001370	.0002532	.0003442	.0066983	.004169
%RSD	.8760110	1.247146	32.21940	37.11582	21.77321	.8450325	.2602838
#1	3.761152	.0365181	.0005410	.0008285	.0019784	.7854081	1.597005
#2	3.698011	.0374398	.0004606	.0003898	.0013833	.7940088	1.603569
#3	3.744436	.0370145	.0002739	.0008280	.0013811	.7986036	1.604740

Sample Name: P4923-03 Acquired: 11/21/2024 16:13:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.318478	.0035104	.0722181
Stddev	.003596	.0009193	.0002901
%RSD	.2727202	26.18707	.4016399
#1	1.322216	.0040639	.0719105
#2	1.315043	.0024493	.0722570
#3	1.318177	.0040181	.0724867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.922	49894.63	11867.61	1518.201	3425.965
Stddev	7.122	168.45	59.38	10.332	2.987
%RSD	.3380441	.3376158	.5003538	.6805600	.0871829
#1	2100.282	49700.50	11918.53	1506.277	3422.693
#2	2106.040	50002.19	11881.92	1523.805	3426.659
#3	2114.444	49981.21	11802.39	1524.521	3428.545

Sample Name: P4923-04 Acquired: 11/21/2024 16:17:40 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005125	-.006411	.0009223	.0074896	.0020225	.0215579	.1349268
Stddev	.003363	.000886	.0009327	.0024734	.0004344	.0039980	.0011441
%RSD	65.61224	13.82099	101.1292	33.02476	21.47983	18.54561	.8479302
#1	-.005690	-.007111	.0019627	.0050023	.0024983	.0221749	.1336195
#2	-.008170	-.006708	.0001611	.0099489	.0019224	.0252116	.1354161
#3	-.001516	-.005415	.0006430	.0075177	.0016469	.0172872	.1357449
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000474	.0003660	1.817106	.0028618	.0001485	.0607655	4.704851
Stddev	.0000035	.0000921	.019469	.0002133	.0000741	.0002496	.011090
%RSD	7.360950	25.16074	1.071413	7.452488	49.90383	.4107025	.2357039
#1	.0000434	.0004722	1.797963	.0029645	.0001774	.0606930	4.715810
#2	.0000487	.0003083	1.816469	.0030044	.0000643	.0610433	4.693636
#3	.0000500	.0003175	1.836885	.0026166	.0002039	.0605602	4.705107
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531226	.2245380	.0028100	.0004123	310.2242	.0016094	.2812837
Stddev	.0002764	.0130395	.0001765	.0002758	.7954	.0009790	.0015920
%RSD	.1805191	5.807247	6.282688	66.88737	.2563926	60.83056	.5659801
#1	.1532672	.2236504	.0029585	.0006019	310.8711	.0019588	.2818916
#2	.1528039	.2119651	.0028567	.0000959	310.4654	.0005036	.2824822
#3	.1532967	.2379987	.0026148	.0005389	309.3362	.0023657	.2794773
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5644742	.0291494	.0005636	.0015415	.0009741	.2150543	2.144578
Stddev	.0035798	.0006011	.0000878	.0003467	.0002002	.0033310	.005544
%RSD	.6341742	2.062257	15.57937	22.49288	20.55077	1.548933	.2584948
#1	.5606756	.0293645	.0005029	.0011521	.0010201	.2188712	2.144441
#2	.5649617	.0296133	.0005236	.0018168	.0011473	.2135576	2.139105
#3	.5677851	.0284703	.0006643	.0016556	.0007549	.2127341	2.150189

Sample Name: P4923-04 Acquired: 11/21/2024 16:17:40 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6940511	-.000523	.0053537
Stddev	.0017606	.000504	.0000468
%RSD	.2536664	96.50096	.8739614
#1	.6956051	-.000034	.0053161
#2	.6944092	-.000493	.0053389
#3	.6921390	-.001041	.0054061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.270	49246.17	11648.06	1518.062	3462.642
Stddev	10.806	229.87	12.59	15.759	14.932
%RSD	.5068053	.4667719	.1080812	1.038089	.4312400
#1	2120.010	49000.20	11633.67	1503.000	3445.405
#2	2136.389	49282.78	11657.07	1516.750	3471.651
#3	2140.412	49455.54	11653.43	1534.436	3470.869

Sample Name: P4923-05 Acquired: 11/21/2024 16:22:04 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006881	-.002654	-.000460	.0075014	.0047795	.0729448	.1545774
Stddev	.000915	.001532	.000920	.0028244	.0009555	.0038169	.0007770
%RSD	13.29210	57.73270	199.7283	37.65221	19.99108	5.232649	.5026590
#1	-.005833	-.001980	-.000506	.0042692	.0058397	.0729070	.1537386
#2	-.007518	-.004407	.000481	.0094942	.0045141	.0691469	.1547212
#3	-.007294	-.001574	-.001356	.0087408	.0039849	.0767805	.1552725
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001999	.0003801	15.73023	.0076951	.0095329	.0037750	10.66734
Stddev	.0000264	.0000065	.14158	.0002658	.0001806	.0001274	.02858
%RSD	13.19281	1.719441	.9000369	3.453549	1.894214	3.373378	.2679459
#1	.0002299	.0003763	15.56888	.0077917	.0097265	.0037750	10.68045
#2	.0001805	.0003763	15.78814	.0078991	.0093691	.0039024	10.63455
#3	.0001891	.0003876	15.83367	.0073946	.0095031	.0036477	10.68702
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3064368	1.544325	.0095625	.0002631	239.0134	.0017670	7.294827
Stddev	.0028508	.018570	.0002258	.0000665	1.6477	.0008504	.041030
%RSD	.9302987	1.202492	2.361551	25.27645	.6893594	48.12765	.5624496
#1	.3032724	1.523024	.0098230	.0002024	239.8556	.0010313	7.340168
#2	.3072336	1.552845	.0094213	.0002526	237.1149	.0015716	7.260258
#3	.3088044	1.557107	.0094433	.0003342	240.0698	.0026981	7.284053
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7128253	.2213199	.0349083	.0000801	.0002725	.1989058	.5073072
Stddev	.0121879	.0016260	.0002862	.0002735	.0000274	.0038421	.0022920
%RSD	1.709803	.7346734	.8200020	341.4252	10.05685	1.931609	.4518009
#1	.7266211	.2194478	.0348292	-.000086	.0002957	.2019750	.5062641
#2	.7035189	.2221325	.0346699	.000396	.0002794	.2001455	.5057223
#3	.7083358	.2223793	.0352258	-.000070	.0002422	.1945969	.5099352

Sample Name: P4923-05 Acquired: 11/21/2024 16:22:04 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.410490	.0261594	.0353711
Stddev	.010711	.0011184	.0002710
%RSD	.7593710	4.275483	.7660644
#1	1.403199	.0251630	.0350599
#2	1.405485	.0273692	.0354989
#3	1.422788	.0259460	.0355546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.571	50391.35	11857.46	1578.752	3579.920
Stddev	5.776	151.68	60.07	15.255	4.963
%RSD	.2628438	.3010075	.5066145	.9662513	.1386218
#1	2193.852	50223.44	11919.03	1561.610	3577.679
#2	2204.226	50518.47	11854.33	1590.833	3585.608
#3	2194.637	50432.13	11799.01	1583.814	3576.473

Sample Name: P4923-07 Acquired: 11/21/2024 16:26:28 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003445	-.010412	.0003705	.0045402	.0024974	.2966418	.1835023
Stddev	.001811	.001125	.0012662	.0004093	.0016807	.0072542	.0005291
%RSD	52.57952	10.80620	341.7965	9.015277	67.29898	2.445452	.2883170
#1	-.004472	-.010419	.0017729	.0040688	.0017270	.2896186	.1835310
#2	-.004510	-.011534	.0000272	.0048053	.0044253	.2962000	.1829595
#3	-.001354	-.009284	-.000689	.0047466	.0013400	.3041069	.1840165
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000166	-.000085	219.1536	.0620419	-.000586	.0009776	.1845075
Stddev	.000023	.000047	1.3196	.0004421	.000283	.0003162	.0040449
%RSD	14.02947	55.10061	.6021281	.7125650	48.30827	32.34013	2.192250
#1	-.000175	-.000135	217.9871	.0625098	-.000886	.0007578	.1829299
#2	-.000183	-.000075	218.8879	.0616312	-.000546	.0013399	.1814893
#3	-.000139	-.000044	220.5858	.0619847	-.000325	.0008350	.1891035
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102600	.0282024	-.000926	.0001581	342.1053	.0020609	.0230794
Stddev	.0002029	.0083485	.000209	.0001494	.8930	.0011910	.0001925
%RSD	1.977402	29.60200	22.55099	94.49263	.2610252	57.78967	.8340110
#1	.0102971	.0371491	-.001165	-.000014	341.9325	.0032199	.0228705
#2	.0100412	.0268380	-.000837	.000238	341.3114	.0021225	.0232495
#3	.0104418	.0206202	-.000777	.000251	343.0721	.0008403	.0231182
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.351726	.0029457	.0047884	-.003370	-.003430	.7593640	-.001751
Stddev	.006500	.0008004	.0003812	.000995	.000418	.0104478	.001609
%RSD	.1023300	27.17314	7.961302	29.54222	12.19652	1.375859	91.86654
#1	6.345436	.0022623	.0046558	-.004383	-.003107	.7651739	-.000556
#2	6.358417	.0038263	.0052182	-.003333	-.003903	.7473026	-.001117
#3	6.351327	.0027485	.0044912	-.002393	-.003281	.7656155	-.003580

Sample Name: P4923-07 Acquired: 11/21/2024 16:26:28 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.056214	.0377626	.4670280
Stddev	.020858	.0006951	.0013543
%RSD	.5142202	1.840687	.2899771

#1	4.041655	.0383416	.4656795
#2	4.046877	.0379546	.4670165
#3	4.080109	.0369917	.4683880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.903	48644.62	11591.32	1501.273	3327.748
Stddev	5.273	49.63	45.93	3.428	5.436
%RSD	.2502679	.1020341	.3962560	.2283127	.1633683

#1	2101.384	48701.50	11617.25	1501.147	3322.551
#2	2111.890	48622.28	11618.42	1504.762	3333.396
#3	2107.437	48610.09	11538.29	1497.910	3327.299

Sample Name: P4924-04 Acquired: 11/21/2024 16:30:55 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004620	-.007077	.0032885	.0046983	-.000745	.1715248	.1023097
Stddev	.001602	.002256	.0004898	.0033422	.000696	.0052997	.0001696
%RSD	34.67391	31.87340	14.89325	71.13607	93.40272	3.089755	.1657433
#1	-.005430	-.004499	.0032697	.0008403	-.000158	.1655843	.1024905
#2	-.005654	-.008041	.0037874	.0065444	-.001513	.1757678	.1021542
#3	-.002775	-.008690	.0028084	.0067102	-.000564	.1732223	.1022844
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000153	4.081085	.0008412	.0006122	.0123144	.1070377
Stddev	.000029	.000027	.013758	.0001970	.0001676	.0002551	.0014258
%RSD	32.77593	17.77440	.3371045	23.41589	27.36882	2.071288	1.332081
#1	-.000122	-.000122	4.065200	.0010406	.0007593	.0124482	.1056274
#2	-.000065	-.000171	4.089110	.0008361	.0006476	.0124747	.1084786
#3	-.000082	-.000166	4.088946	.0006468	.0004298	.0120202	.1070070
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585542	.9585265	.0010870	.0005927	306.9391	.0027023	.0821133
Stddev	.0005775	.0053987	.0003163	.0002303	1.5119	.0011482	.0003700
%RSD	.9863063	.5632269	29.09751	38.84744	.4925665	42.48894	.4505609
#1	.0578994	.9646347	.0009577	.0008539	307.7350	.0033441	.0825388
#2	.0589911	.9565512	.0014474	.0005053	307.8868	.0033860	.0818673
#3	.0587720	.9543937	.0008558	.0004190	305.1956	.0013767	.0819338
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1213509	.0145429	.0000912	.0022694	.0027220	.4750040	.0077838
Stddev	.0152075	.0007700	.0002698	.0005467	.0004696	.0032679	.0007208
%RSD	12.53181	5.294918	295.9217	24.09096	17.25092	.6879696	9.260134
#1	.1101195	.0153965	.0003117	.0020213	.0026672	.4716439	.0069806
#2	.1386568	.0139006	-.000210	.0028962	.0032165	.4781712	.0079967
#3	.1152765	.0143316	.000171	.0018907	.0022822	.4751969	.0083742

Sample Name: P4924-04 Acquired: 11/21/2024 16:30:55 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3274690	-.000545	.0192933
Stddev	.0014227	.000309	.0000453
%RSD	.4344610	56.72916	.2346011
#1	.3260984	-.000454	.0193335
#2	.3289387	-.000291	.0192443
#3	.3273701	-.000889	.0193019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.509	50583.24	11873.13	1576.161	3552.601
Stddev	.869	90.98	16.93	9.377	5.796
%RSD	.0393978	.1798599	.1425774	.5949201	.1631548
#1	2206.648	50558.12	11866.46	1569.443	3546.012
#2	2205.578	50507.47	11892.38	1572.167	3554.881
#3	2207.300	50684.15	11860.56	1586.874	3556.911

Sample Name: P4925-04 Acquired: 11/21/2024 16:35:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003646	-.009207	.0115957	.0056682	.0007927	.0999255	.2055525
Stddev	.001422	.001131	.0001414	.0032534	.0006203	.0054797	.0008291
%RSD	38.99586	12.28528	1.219176	57.39675	78.25328	5.483752	.4033732
#1	-.005255	-.007995	.0114538	.0088433	.0006192	.1019978	.2049249
#2	-.003123	-.009391	.0117365	.0023418	.0002776	.1040668	.2064924
#3	-.002560	-.010235	.0115970	.0058195	.0014813	.0937119	.2052400
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003777	.0006467	8.264321	.0015083	.0099729	.0153831	1.196527
Stddev	.0000853	.0000068	.028325	.0002637	.0001621	.0003310	.009365
%RSD	22.58120	1.059428	.3427423	17.48370	1.624990	2.151583	.7826867
#1	.0004259	.0006408	8.239537	.0017399	.0097859	.0153974	1.192849
#2	.0004279	.0006452	8.258229	.0012213	.0100602	.0157066	1.189559
#3	.0002792	.0006542	8.295197	.0015637	.0100727	.0150452	1.207173
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.441540	1.357598	.0116804	.0003528	291.9478	.0005529	.0513092
Stddev	.007948	.007037	.0001135	.0001834	1.5010	.0007881	.0007318
%RSD	.2309491	.5183200	.9714520	51.96595	.5141392	142.5350	1.426247
#1	3.437023	1.353876	.0118106	.0005635	291.5189	.0008867	.0519399
#2	3.436880	1.353204	.0116027	.0002657	290.7079	-.000347	.0514809
#3	3.450718	1.365714	.0116278	.0002293	293.6165	.001119	.0505069
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.332308	-.005513	.0000216	.0012739	.0022104	.5627060	.0059080
Stddev	.037747	.000741	.0000426	.0007935	.0003138	.0059073	.0025077
%RSD	2.833237	13.44126	197.3502	62.28672	14.19619	1.049811	42.44542
#1	1.288891	-.006066	.0000676	.0019163	.0018624	.5563561	.0030635
#2	1.357347	-.004671	-.000017	.0015184	.0024717	.5637231	.0077995
#3	1.350687	-.005801	.000014	.0003870	.0022971	.5680388	.0068608

Sample Name: P4925-04 Acquired: 11/21/2024 16:35:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2154122	.0006513	.0379979
Stddev	.0011289	.0003067	.0002281
%RSD	.5240550	47.10041	.6002309
#1	.2146340	.0008629	.0378784
#2	.2148957	.0002995	.0382609
#3	.2167069	.0007913	.0378544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.907	51083.19	11995.40	1581.224	3543.673
Stddev	4.722	93.13	46.13	5.689	5.651
%RSD	.2143415	.1823053	.3845531	.3597614	.1594644
#1	2204.067	51156.93	11979.15	1587.662	3540.543
#2	2206.941	50978.54	11959.60	1576.879	3550.196
#3	2197.714	51114.10	12047.46	1579.129	3540.279

Sample Name: P4925-08 Acquired: 11/21/2024 16:39:48 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002102	-.006747	.0113671	.0052229	.0017723	.1585161	.2467211
Stddev	.002677	.001412	.0001733	.0014722	.0011625	.0054858	.0008534
%RSD	127.3488	20.92703	1.524242	28.18842	65.59512	3.460691	.3459140

#1	-.000195	-.005412	.0114876	.0040004	.0031073	.1647635	.2457528
#2	-.000948	-.008225	.0111686	.0048110	.0009834	.1562987	.2470469
#3	-.005162	-.006604	.0114453	.0068572	.0012261	.1544861	.2473637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003491	.0003751	6.818476	.0011266	.0050779	.0173357	1.682395
Stddev	.0000106	.0000151	.039236	.0002797	.0002451	.0001465	.008652
%RSD	3.024414	4.033195	.5754396	24.82345	4.826627	.8451474	.5142636

#1	.0003509	.0003577	6.776196	.0014491	.0048094	.0174328	1.676494
#2	.0003587	.0003855	6.853715	.0009498	.0051347	.0174072	1.678365
#3	.0003378	.0003821	6.825517	.0009811	.0052895	.0171672	1.692327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6727370	1.000594	.0028458	.0004282	310.3360	.0021954	.0931074
Stddev	.0039949	.016210	.0001892	.0003179	2.8882	.0007606	.0003889
%RSD	.5938245	1.620046	6.650010	74.24469	.9306666	34.64730	.4176527

#1	.6681523	.983797	.0029176	.0000928	310.8801	.0018520	.0931759
#2	.6745885	1.001840	.0029886	.0004665	307.2144	.0016670	.0934575
#3	.6754703	1.016145	.0026312	.0007251	312.9134	.0030672	.0926889

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8468352	-.000221	.0005148	.0027270	.0026532	.6562956	.0147201
Stddev	.0324304	.000545	.0001947	.0001244	.0001968	.0071004	.0010128
%RSD	3.829600	246.0898	37.81388	4.562252	7.416564	1.081893	6.880067

#1	.8559990	-.000332	.0006377	.0026184	.0026397	.6612312	.0157765
#2	.8108090	-.000702	.0002904	.0028628	.0024636	.6481580	.0146262
#3	.8736978	.000370	.0006163	.0026999	.0028565	.6594975	.0137576

Sample Name: P4925-08 Acquired: 11/21/2024 16:39:48 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4051231	.0004482	.0340252
Stddev	.0013858	.0007104	.0001327
%RSD	.3420571	158.5093	.3898437
#1	.4035307	.0009798	.0338799
#2	.4060553	-.000359	.0340560
#3	.4057832	.000723	.0341398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.441	52248.97	12255.46	1610.495	3609.582
Stddev	8.320	125.54	61.54	3.780	8.562
%RSD	.3693956	.2402775	.5021165	.2347330	.2372141
#1	2242.841	52276.83	12322.61	1613.677	3599.922
#2	2257.576	52358.24	12241.99	1611.493	3616.237
#3	2256.905	52111.83	12201.77	1606.316	3612.586

Sample Name: P4929-02 Acquired: 11/21/2024 16:44:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004554	-.005421	.0105430	.0065235	-.000025	.1175965	.1654068
Stddev	.001966	.001913	.0005977	.0008357	.001139	.0035751	.0005584
%RSD	43.18290	35.29088	5.669404	12.81008	4615.324	3.040124	.3375661

#1	-.006207	-.006613	.0111375	.0074262	-.000360	.1150791	.1657830
#2	-.005075	-.003214	.0105494	.0063673	.001245	.1216886	.1647652
#3	-.002379	-.006437	.0099421	.0057770	-.000959	.1160219	.1656721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000452	.0011005	11.69046	.0021623	.0005336	.0161161	1.217370
Stddev	.0000332	.0000826	.03859	.0005773	.0000865	.0004657	.083650
%RSD	73.56052	7.505179	.3300863	26.70020	16.20734	2.889665	6.871393

#1	.0000256	.0011665	11.71572	.0023065	.0004922	.0162856	1.168161
#2	.0000835	.0011271	11.64604	.0015265	.0006330	.0164732	1.169994
#3	.0000264	.0010078	11.70961	.0026538	.0004756	.0155894	1.313956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2878430	1.365064	.0019994	.0004998	264.1423	.0017982	.3092960
Stddev	.0003421	.012580	.0002057	.0003125	13.6943	.0019394	.0225003
%RSD	.1188459	.9215405	10.28893	62.52954	5.184445	107.8565	7.274684

#1	.2874622	1.350548	.0020132	.0008054	256.9827	.0002532	.2984876
#2	.2879424	1.372785	.0017871	.0001807	255.5119	.0039746	.2942393
#3	.2881243	1.371857	.0021979	.0005134	279.9323	.0011667	.3351611

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.716311	.0196442	.0004154	.0267186	.0014280	.2900429	.6651187
Stddev	.140191	.0013756	.0004186	.0007718	.0003880	.0145688	.0064582
%RSD	8.168139	7.002759	100.7540	2.888454	27.16897	5.022977	.9709908

#1	1.651520	.0196182	.0008893	.0260825	.0010268	.2870845	.6710519
#2	1.620235	.0182818	.0000962	.0264962	.0018013	.2771804	.6582397
#3	1.877178	.0210327	.0002609	.0275772	.0014558	.3058639	.6660645

Sample Name: P4929-02 Acquired: 11/21/2024 16:44:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4950818	.0000461	.0631457
Stddev	.0037835	.0002982	.0000970
%RSD	.7642097	646.2102	.1536669
#1	.4948724	.0003834	.0631569
#2	.4989657	-.000062	.0632367
#3	.4914075	-.000183	.0630436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.106	51382.15	12226.65	1611.215	3380.078
Stddev	3.183	3083.41	37.79	90.962	6.282
%RSD	.1509693	6.000931	.3090568	5.645537	.1858598
#1	2109.158	52959.16	12183.02	1652.776	3383.712
#2	2110.629	53358.09	12248.48	1673.973	3383.698
#3	2104.530	47829.19	12248.46	1506.897	3372.824

Sample Name: P4929-02DUP Acquired: 11/21/2024 16:48:40 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003412	-.006140	.0099766	.0053408	.0013791	.1267181	.1749830
Stddev	.000214	.000786	.0005135	.0014138	.0014781	.0058550	.0009327
%RSD	6.274941	12.80246	5.147173	26.47075	107.1787	4.620448	.5330193
#1	-.003167	-.006943	.0095633	.0037160	.0014860	.1312177	.1739179
#2	-.003564	-.006104	.0105514	.0062895	.0028007	.1200985	.1753772
#3	-.003504	-.005372	.0098150	.0060170	-.000150	.1288382	.1756539
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0009357	12.39035	.0021492	.0004687	.0154729	1.212140
Stddev	.000045	.0000966	.05873	.0004784	.0001463	.0003718	.006729
%RSD	335.0923	10.32808	.4739663	22.25672	31.21923	2.402594	.5551397
#1	.000024	.0008731	12.32551	.0026158	.0005163	.0158144	1.210868
#2	-.000000	.0010470	12.43997	.0016599	.0005853	.0150769	1.219414
#3	-.000063	.0008871	12.40556	.0021720	.0003045	.0155275	1.206138
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3004115	1.428813	.0021678	.0005417	270.8846	.0017981	.3159054
Stddev	.0019734	.013561	.0001999	.0000359	2.2941	.0002382	.0024587
%RSD	.6568928	.9490808	9.219930	6.632504	.8469024	13.24860	.7783084
#1	.2981471	1.443008	.0019433	.0005695	273.0551	.0020705	.3130782
#2	.3013227	1.415991	.0023264	.0005011	271.1144	.0016947	.3175436
#3	.3017645	1.427440	.0022338	.0005544	268.4842	.0016290	.3170945
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758115	.0214229	.0004590	.0256036	.0020410	.2945022	.6388834
Stddev	.019325	.0003362	.0000150	.0010987	.0002178	.0060290	.0009851
%RSD	1.099160	1.569106	3.269301	4.291026	10.67226	2.047196	.1541983
#1	1.753223	.0211552	.0004509	.0246114	.0021729	.2947654	.6381929
#2	1.741707	.0218002	.0004764	.0254150	.0021604	.2883459	.6384458
#3	1.779416	.0213133	.0004499	.0267843	.0017896	.3003953	.6400116

Sample Name: P4929-02DUP Acquired: 11/21/2024 16:48:40 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4645117	.0002841	.0666826
Stddev	.0006232	.0008343	.0003645
%RSD	.1341662	293.6287	.5465419
#1	.4649159	-.000271	.0662794
#2	.4648251	.001244	.0669885
#3	.4637940	-.000120	.0667798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.782	50048.92	11581.63	1570.647	3474.996
Stddev	2.651	75.68	39.87	7.539	8.075
%RSD	.1227280	.1512161	.3442710	.4799815	.2323712
#1	2161.876	50135.53	11617.23	1578.715	3476.142
#2	2160.667	49995.58	11538.54	1563.782	3482.436
#3	2156.802	50015.63	11589.11	1569.444	3466.409

Sample Name: CCV04 Acquired: 11/21/2024 16:53:05 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941302	4.731307	4.913365	4.975007	5.058660	9.932319
Stddev	.019545	.084333	.002729	.015557	.008266	.017639
%RSD	.3955519	1.782441	.0555423	.3127118	.1634070	.1775915

#1	4.952740	4.827644	4.914466	4.992687	5.067983	9.913124
#2	4.918734	4.670833	4.915371	4.963412	5.052225	9.947815
#3	4.952432	4.695445	4.910257	4.968922	5.055773	9.936016

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.359277	.2415412	2.413647	23.82091	1.007596	2.394783
Stddev	.047641	.0010836	.000789	.06106	.002118	.001519
%RSD	.5090251	.4486351	.0326851	.2563339	.2101757	.0634145

#1	9.320136	.2402903	2.414301	23.75260	1.009433	2.396393
#2	9.345372	.2421954	2.412771	23.83992	1.005280	2.393376
#3	9.412324	.2421378	2.413869	23.87020	1.008077	2.394581

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.263779	4.777340	2.311546	24.21696	2.431281	1.248176
Stddev	.001140	.009095	.004105	.15246	.000530	.001757
%RSD	.0901776	.1903750	.1775858	.6295760	.0217940	.1407780

#1	1.265094	4.777790	2.306827	24.05878	2.431482	1.249730
#2	1.263153	4.768028	2.314293	24.36298	2.430680	1.246270
#3	1.263089	4.786201	2.313517	24.22911	2.431681	1.248529

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.70130	2.413182	2.476952	25.02117	4.769137	5.060589
Stddev	.17383	.008163	.001900	.08259	.020596	.007455
%RSD	.7334057	.3382778	.0767102	.3300897	.4318647	.1473077

#1	23.90018	2.403907	2.479146	25.10985	4.747728	5.067166
#2	23.62533	2.419275	2.475869	24.94645	4.788811	5.052491
#3	23.57839	2.416364	2.475841	25.00720	4.770873	5.062110

Sample Name: CCV04 Acquired: 11/21/2024 16:53:05 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766620	4.732572	5.212688	4.976128	4.734248	F 4.480119
Stddev	.009536	.003019	.033866	.012554	.013875	.014818
%RSD	.2000665	.0637865	.6496836	.2522792	.2930715	.3307470
#1	4.776346	4.729127	5.183006	4.989316	4.745025	4.491148
#2	4.757286	4.733836	5.205480	4.974743	4.718593	4.485933
#3	4.766227	4.734753	5.249578	4.964324	4.739126	4.463276

Elem	Sr4077
Units	ppm
Avg	4.818887
Stddev	.024411
%RSD	.5065746
#1	4.793148
#2	4.841709
#3	4.821803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.189	53087.64	12063.86	1664.099	3743.144
Stddev	1.872	134.42	24.25	4.778	4.123
%RSD	.0798974	.2531973	.2010007	.2871462	.1101557
#1	2343.691	52984.62	12091.07	1662.525	3745.485
#2	2341.117	53239.69	12044.55	1669.466	3738.383
#3	2344.759	53038.61	12055.95	1660.306	3745.564

Sample Name: CCB04 Acquired: 11/21/2024 16:57:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	.0003735	.0001445	.0001136	-.000324	.0011839	-.003378
Stddev	.001494	.0024947	.0007048	.0031649	.000424	.0035192	.000197
%RSD	600.6862	667.9287	487.7074	2785.561	130.9458	297.2500	5.826992
#1	.000579	.0001992	.0007070	.0016129	-.000047	-.002305	-.003592
#2	-.001974	.0029507	.0003726	-.003522	-.000812	.001125	-.003206
#3	.000648	-.002029	-.000646	.002250	-.000113	.004732	-.003334
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000061	.0011538	.0002662	.0001524	.0000755	.0003198
Stddev	.000015	.000043	.0106141	.0001379	.0001351	.0002914	.0042746
%RSD	95.20859	70.88433	919.8986	51.80865	88.62942	385.9011	1336.675
#1	-.000009	-.000080	.0110409	.0002377	.0002393	.0003925	-.004358
#2	-.000034	-.000011	.0024827	.0004162	-.000003	.0000148	.004023
#3	-.000006	-.000091	-.010062	.0001448	.000221	-.000181	.001295
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000232	-.004782	-.000076	.0005421	.0743194	.0015072	.0002376
Stddev	.000025	.004335	.000066	.0000658	.0209671	.0007739	.0002872
%RSD	10.89687	90.66328	86.39599	12.13864	28.21215	51.34931	120.8800
#1	-.000203	-.007758	-.000035	.0005703	.0515683	.0007091	-.000054
#2	-.000252	-.006780	-.000041	.0005892	.0785251	.0015580	.000246
#3	-.000240	.000192	-.000152	.0004669	.0928649	.0022545	.000521
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107629	-.005994	.0000598	-.000574	.0006269	.0020566	-.001455
Stddev	.0287057	.000369	.0002013	.000851	.0006392	.0045615	.001350
%RSD	25.91636	6.150507	336.3609	148.3866	101.9562	221.7992	92.81918
#1	.0976552	-.006087	.0000543	-.001556	.0013542	.0073210	-.002636
#2	.0909509	-.006308	-.000139	-.000053	.0003721	-.000724	-.001744
#3	.1436826	-.005588	.000264	-.000112	.0001544	-.000427	.000017

Sample Name: CCB04 Acquired: 11/21/2024 16:57:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004542	-.000812	.0001084
Stddev	.002356	.000734	.0000527
%RSD	51.87299	90.33348	48.62986
#1	-.003458	-.001054	.0001552
#2	-.007245	-.001395	.0001187
#3	-.002923	.000012	.0000513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.186	53674.32	11701.59	1684.662	4121.553
Stddev	6.797	104.96	232.71	3.160	7.531
%RSD	.2864204	.1955530	1.988719	.1875698	.1827240
#1	2367.259	53658.86	11968.14	1681.927	4112.987
#2	2380.606	53786.16	11538.84	1688.121	4127.131
#3	2371.693	53577.95	11597.80	1683.937	4124.542

Sample Name: P4929-02LX5 Acquired: 11/21/2024 17:01:38 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001978	.0006415	.0009814	.0006906	-.001779	.0264915	.0325691
Stddev	.001315	.0010076	.0007101	.0005196	.000423	.0029593	.0003230
%RSD	66.46250	157.0660	72.35440	75.24322	23.80906	11.17064	.9918436
#1	-.002009	.0017140	.0006656	.0005086	-.002265	.0274702	.0327637
#2	-.000648	.0004958	.0004840	.0012768	-.001487	.0288375	.0321962
#3	-.003277	-.000285	.0017947	.0002865	-.001584	.0231669	.0327473
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000190	.0001762	2.563250	.0003676	.0000640	.0028490	.2331877
Stddev	.0000541	.0000548	.011306	.0001709	.0001674	.0004382	.0027582
%RSD	285.1213	31.10218	.4410753	46.49403	261.5105	15.38188	1.182821
#1	-.000019	.0001163	2.561868	.0005397	-.000112	.0031675	.2349489
#2	-.000005	.0002237	2.552698	.0001980	.000221	.0030303	.2346053
#3	.000081	.0001885	2.575183	.0003650	.000083	.0023492	.2300090
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617483	.2920974	.0001469	.0004103	51.14228	.0019743	.0623947
Stddev	.0003477	.0035631	.0001561	.0003641	.14116	.0000685	.0005261
%RSD	.5630087	1.219846	106.2311	88.74116	.2760197	3.471085	.8431663
#1	.0614599	.2944133	.0003255	.0005541	51.30528	.0020109	.0628342
#2	.0616507	.2879944	.0000362	.0006805	51.06065	.0018952	.0618118
#3	.0621343	.2938846	.0000791	-.000004	51.06091	.0020167	.0625380
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4152692	-.001272	.0000720	.0059278	.0006702	.0629781	.1225586
Stddev	.0071420	.000363	.0000385	.0006127	.0002166	.0015558	.0033711
%RSD	1.719837	28.54285	53.43140	10.33537	32.31912	2.470363	2.750637
#1	.4070438	-.000972	.0000304	.0052385	.0008355	.0612318	.1260838
#2	.4188677	-.001169	.0001063	.0064104	.0004250	.0634864	.1222259
#3	.4198961	-.001676	.0000793	.0061345	.0007500	.0642162	.1193662

Sample Name: P4929-02LX5 Acquired: 11/21/2024 17:01:38 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0897330	-.000859	.0138033
Stddev	.0004912	.000615	.0000350
%RSD	.5474031	71.65305	.2539218
#1	.0899017	-.001480	.0138358
#2	.0901175	-.000847	.0137662
#3	.0891796	-.000249	.0138078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.251	52800.14	11550.80	1638.760	3791.361
Stddev	3.222	44.51	19.21	4.547	8.075
%RSD	.1407936	.0843036	.1663288	.2774742	.2129721
#1	2288.033	52788.35	11542.61	1640.450	3784.184
#2	2285.143	52849.37	11572.75	1642.220	3789.796
#3	2291.576	52762.72	11537.05	1633.610	3800.104

Sample Name: P4929-02MS Acquired: 11/21/2024 17:05:57 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7739577	1.693648	.8925599	1.911909	.7751188	2.058961	.3478528
Stddev	.0011913	.003097	.0010934	.007760	.0035752	.010264	.0014484
%RSD	.1539278	.1828649	.1225001	.4058619	.4612403	.4985041	.4163870
#1	.7727277	1.696516	.8916540	1.905974	.7710173	2.047513	.3462833
#2	.7740390	1.694064	.8937744	1.920689	.7767626	2.067343	.3491380
#3	.7751063	1.690364	.8922514	1.909063	.7775764	2.062027	.3481371
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1845606	.1836450	12.54811	.3882066	.1841268	.2961317	3.882656
Stddev	.0010697	.0003346	.11353	.0013009	.0003898	.0005514	.017863
%RSD	.5795735	.1822185	.9047352	.3350913	.2116862	.1861961	.4600731
#1	.1834446	.1836242	12.41854	.3879221	.1840442	.2955915	3.865136
#2	.1855769	.1839896	12.59564	.3870716	.1845512	.2966937	3.881990
#3	.1846604	.1833213	12.63015	.3896262	.1837849	.2961099	3.900843
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4599070	3.129123	.4633857	.0706583	247.3345	.2903851	.4881448
Stddev	.0036467	.028896	.0006446	.0002167	1.1351	.0018590	.0042119
%RSD	.7929265	.9234378	.1390952	.3067389	.4589468	.6401736	.8628450
#1	.4557251	3.095757	.4637526	.0707189	248.4800	.2884186	.4921351
#2	.4615708	3.145718	.4637630	.0704178	246.2100	.2921136	.4885575
#3	.4624251	3.145893	.4626414	.0708383	247.3137	.2906231	.4837416
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.60341	.2681790	.4078395	.6540342	.1894962	1.033872	6.354773
Stddev	.03009	.0020796	.0005981	.0025044	.0013101	.007685	.013891
%RSD	.2592802	.7754648	.1466611	.3829089	.6913603	.7432787	.2185949
#1	11.57544	.2658346	.4071968	.6557760	.1881432	1.025000	6.343618
#2	11.59954	.2689008	.4083798	.6551624	.1907587	1.038166	6.370333
#3	11.63524	.2698015	.4079419	.6511642	.1895866	1.038450	6.350369

Sample Name: P4929-02MS Acquired: 11/21/2024 17:05:57 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4076277	.1692599	.2547357
Stddev	.0031969	.0015557	.0016387
%RSD	.7842751	.9191257	.6432935
#1	.4053855	.1689722	.2529523
#2	.4112884	.1678681	.2561751
#3	.4062091	.1709394	.2550799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.162	53487.90	12105.30	1661.439	3707.012
Stddev	8.506	143.34	49.46	11.247	11.351
%RSD	.3680212	.2679939	.4086189	.6769667	.3062055
#1	2320.906	53374.23	12162.14	1648.459	3715.999
#2	2305.223	53648.93	12072.04	1667.548	3694.256
#3	2307.356	53440.55	12081.72	1668.310	3710.781

Sample Name: P4929-02MSD Acquired: 11/21/2024 17:10:06 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8165446	1.771250	.9419983	2.005845	.8127480	2.172103	.3704423
Stddev	.0033600	.021799	.0040612	.005519	.0018954	.008107	.0017159
%RSD	.4114845	1.230721	.4311261	.2751522	.2332099	.3732418	.4631951

#1	.8154556	1.782367	.9466835	2.010579	.8128845	2.164347	.3691644
#2	.8203140	1.785249	.9398296	1.999783	.8107881	2.171440	.3697700
#3	.8138643	1.746133	.9394820	2.007172	.8145715	2.180521	.3723925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1979076	.1943078	13.33684	.4094797	.1947337	.3117742	4.130268
Stddev	.0003608	.0008104	.01981	.0005840	.0003884	.0014483	.003200
%RSD	.1823208	.4170615	.1485232	.1426169	.1994427	.4645343	.0774661

#1	.1977033	.1950511	13.31538	.4092912	.1951017	.3131182	4.132676
#2	.1983242	.1934439	13.34073	.4090133	.1943277	.3102403	4.126637
#3	.1976953	.1944284	13.35442	.4101347	.1947716	.3119640	4.131491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4927408	3.331559	.4897639	.0749821	261.1724	.3083576	.5149547
Stddev	.0020055	.004128	.0011862	.0002066	1.8052	.0017200	.0013738
%RSD	.4070118	.1238949	.2422011	.2754658	.6912080	.5577820	.2667862

#1	.4904823	3.326806	.4903868	.0750380	263.0864	.3090400	.5152895
#2	.4943133	3.334247	.4883960	.0747534	259.5003	.3064011	.5134444
#3	.4934269	3.333623	.4905090	.0751550	260.9305	.3096316	.5161301

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.17673	.2880996	.4296361	.6971831	.2033509	1.096007	6.770894
Stddev	.02874	.0019580	.0006895	.0007067	.0011491	.001956	.003827
%RSD	.2360542	.6796353	.1604787	.1013633	.5650669	.1784711	.0565175

#1	12.18290	.2863864	.4303245	.6979991	.2020367	1.097332	6.766878
#2	12.14541	.2902339	.4289456	.6967667	.2041664	1.096929	6.771306
#3	12.20189	.2876786	.4296382	.6967836	.2038494	1.093760	6.774498

Sample Name: P4929-02MSD Acquired: 11/21/2024 17:10:06 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4305314	.1818530	.2702777
Stddev	.0027635	.0018432	.0006575
%RSD	.6418913	1.013552	.2432783

#1	.4276238	.1818947	.2698626
#2	.4308467	.1799893	.2699346
#3	.4331238	.1836750	.2710358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.504	51073.95	11478.15	1620.978	3567.175
Stddev	9.510	132.60	25.32	8.236	14.763
%RSD	.4248442	.2596166	.2206200	.5080929	.4138534

#1	2235.015	50929.02	11468.68	1612.425	3565.681
#2	2249.266	51103.65	11458.92	1628.856	3582.629
#3	2231.231	51189.17	11506.84	1621.653	3553.217

Sample Name: P4929-02A Acquired: 11/21/2024 17:14:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8302094	1.781900	.9512849	2.053285	.8268946	2.174249	.3649669
Stddev	.0061758	.004301	.0023853	.005471	.0059669	.006117	.0006097
%RSD	.7438862	.2413769	.2507424	.2664659	.7216021	.2813596	.1670537

#1	.8242103	1.783716	.9488459	2.051185	.8247009	2.178011	.3656286
#2	.8298700	1.784995	.9513963	2.049174	.8223352	2.177546	.3648441
#3	.8365479	1.776989	.9536126	2.059495	.8336479	2.167190	.3644279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1962619	.1957947	13.28198	.4107707	.1958041	.3176561	4.109535
Stddev	.0006066	.0005988	.02550	.0007339	.0009181	.0016192	.015952
%RSD	.3090841	.3058127	.1920265	.1786699	.4688753	.5097470	.3881673

#1	.1968537	.1953658	13.31027	.4109744	.1950053	.3159331	4.099444
#2	.1962905	.1955396	13.27494	.4113812	.1955999	.3178891	4.101236
#3	.1956415	.1964788	13.26074	.4099564	.1968071	.3191463	4.127926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4870059	3.320718	.4939087	.0749973	262.0545	.3064617	.5130288
Stddev	.0004719	.018130	.0015907	.0001969	1.5306	.0011895	.0018346
%RSD	.0968948	.5459521	.3220647	.2625003	.5840941	.3881408	.3576013

#1	.4867914	3.341625	.4926992	.0750594	261.8689	.3058036	.5110805
#2	.4866794	3.311189	.4933162	.0751556	260.6251	.3057468	.5132826
#3	.4875470	3.309340	.4957106	.0747768	263.6694	.3078349	.5147233

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.18537	.2830894	.4358646	.6977252	.2013738	1.098126	6.797604
Stddev	.06059	.0006059	.0012996	.0024011	.0003263	.002538	.010692
%RSD	.4972328	.2140298	.2981652	.3441256	.1620532	.2310929	.1572964

#1	12.13627	.2837380	.4347257	.6969379	.2010104	1.095195	6.785258
#2	12.25308	.2829923	.4355878	.6958167	.2016418	1.099582	6.803718
#3	12.16676	.2825379	.4372803	.7004211	.2014693	1.099599	6.803836

Sample Name: P4929-02A Acquired: 11/21/2024 17:14:15 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4337363	.1796780	.2679130
Stddev	.0021138	.0026381	.0003421
%RSD	.4873544	1.468233	.1276861
#1	.4361192	.1808931	.2683055
#2	.4330024	.1766513	.2677557
#3	.4320872	.1814896	.2676779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.378	51330.42	11606.69	1600.794	3507.644
Stddev	9.909	72.28	27.45	5.263	15.141
%RSD	.4527827	.1408167	.2365123	.3288017	.4316477
#1	2193.356	51405.35	11575.58	1606.016	3517.116
#2	2194.811	51261.12	11616.96	1600.875	3515.635
#3	2176.967	51324.78	11627.52	1595.490	3490.182

Sample Name: P4921-01 Acquired: 11/21/2024 17:18:24 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003307	-.007212	-.000106	.0034571	.0010489	.0046801
Stddev	.001389	.001618	.000716	.0029665	.0006285	.0031292
%RSD	42.00943	22.43944	674.5651	85.80811	59.92496	66.86192

#1	-.003116	-.008224	.000343	.0061948	.0003651	.0015704
#2	-.004781	-.005345	.000271	.0038711	.0016015	.0078285
#3	-.002023	-.008066	-.000932	.0003054	.0011800	.0046415

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201870	-.000165	-.000072	27.53020	.0005771	.0001642
Stddev	.0003897	.000069	.000111	.20266	.0003486	.0001021
%RSD	1.930499	41.91267	153.6979	.7361469	60.40418	62.21089

#1	.0200792	-.000101	-.000002	27.30015	.0009679	.0002187
#2	.0198626	-.000156	-.000200	27.60803	.0004654	.0000463
#3	.0206193	-.000238	-.000014	27.68240	.0002981	.0002274

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009552	.1002888	.6675039	11.31606	.0021644	.0002802
Stddev	.0002237	.0004586	.0054966	.07459	.0003315	.0000985
%RSD	23.42235	.4572403	.8234542	.6591958	15.31402	35.13787

#1	.0010866	.1004367	.6612702	11.23695	.0021990	.0002526
#2	.0010822	.1006552	.6695872	11.32608	.0018169	.0001985
#3	.0006969	.0997745	.6716543	11.38513	.0024771	.0003895

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.41222	.0017484	.0125988	3.749276	.0435571	.0011166
Stddev	.30897	.0002081	.0003945	.035543	.0006098	.0000856
%RSD	.3991220	11.90528	3.131534	.9480027	1.399889	7.668522

#1	77.36124	.0017921	.0121452	3.708273	.0429123	.0010414
#2	77.74351	.0015219	.0127891	3.771320	.0436346	.0012098
#3	77.13191	.0019313	.0128621	3.768235	.0441244	.0010986

Sample Name: P4921-01 Acquired: 11/21/2024 17:18:24 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001862	.0002541	.8561523	.0037843	F 10.04578	.0046527
Stddev	.000501	.0000912	.0088630	.0010136	.09804	.0009938
%RSD	26.89381	35.88423	1.035209	26.78342	.9759711	21.36056
#1	-.002309	.0003487	.8653684	.0043783	10.00766	.0055667
#2	-.001954	.0001668	.8476908	.0043607	9.97251	.0047967
#3	-.001321	.0002467	.8553977	.0026140	10.15715	.0035947

Elem	Sr4077
Units	ppm
Avg	.1436385
Stddev	.0009767
%RSD	.6799829
#1	.1425301
#2	.1440122
#3	.1443731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.996	54711.83	12272.38	1666.239	3861.297
Stddev	22.231	174.44	48.17	13.158	39.674
%RSD	.9615515	.3188293	.3924717	.7896977	1.027478
#1	2327.673	54559.72	12309.87	1652.449	3890.785
#2	2321.760	54673.55	12289.23	1667.609	3876.916
#3	2286.553	54902.23	12218.06	1678.658	3816.191

Sample Name: PB165111TB Acquired: 11/21/2024 17:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003173	-.007284	.0004422	.0060053	.0001436	.0096157
Stddev	.000518	.002346	.0009093	.0017166	.0008228	.0037258
%RSD	16.33675	32.20269	205.6162	28.58553	572.9800	38.74675

#1	-.002574	-.009876	-.000489	.0040237	.0008778	.0131977
#2	-.003471	-.006665	.001328	.0069522	-.000746	.0098882
#3	-.003472	-.005309	.000488	.0070399	.000299	.0057611

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004412	-.000129	-.000113	-.017644	.0010675	-.000285
Stddev	.000126	.000056	.000044	.005030	.0001688	.000138
%RSD	2.853720	43.69656	39.03872	28.50536	15.81078	48.35828

#1	-.004533	-.000127	-.000164	-.020502	.0012243	-.000413
#2	-.004282	-.000074	-.000087	-.011837	.0010892	-.000302
#3	-.004422	-.000187	-.000089	-.020594	.0008889	-.000139

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007336	.0160016	.0020737	-.010046	.0001518	.0003277
Stddev	.0004740	.0017011	.0000416	.010537	.0001294	.0002256
%RSD	64.61265	10.63109	2.004823	104.8812	85.24636	68.84494

#1	.0001876	.0175291	.0021204	-.017673	.0002955	.0002131
#2	.0009737	.0163074	.0020602	-.014442	.0001156	.0005877
#3	.0010394	.0141683	.0020407	.001977	.0000444	.0001825

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 302.3241	.0013886	.0007568	-.089445	-.011446	.0003139
Stddev	1.2506	.0008364	.0000648	.009404	.000057	.0001676
%RSD	.4136655	60.22865	8.562983	10.51329	.4985011	53.38393

#1	302.8421	.0009023	.0008299	-.100047	-.011472	.0001551
#2	300.8978	.0023544	.0007062	-.086177	-.011486	.0002975
#3	303.2326	.0009093	.0007344	-.082112	-.011381	.0004891

Sample Name: PB165111TB Acquired: 11/21/2024 17:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003650	.0005033	.0139236	.0017816	F .0149597	-.002972
Stddev	.0008768	.0002712	.0035561	.0011982	.0010858	.000489
%RSD	240.1889	53.88475	25.54034	67.25592	7.258298	16.46621
#1	.0013035	.0007584	.0102979	.0017457	.0154827	-.003245
#2	-.000433	.0002185	.0140671	.0029973	.0137114	-.002407
#3	.000225	.0005330	.0174058	.0006017	.0156851	-.003264

Elem	Sr4077
Units	ppm
Avg	-.000077
Stddev	.000023
%RSD	29.96285
#1	-.000055
#2	-.000076
#3	-.000101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.111	50645.85	12047.63	1576.897	3655.981
Stddev	63.849	209.58	4.56	9.406	105.496
%RSD	2.828790	.4138176	.0378237	.5964825	2.885567
#1	2220.089	50410.48	12049.25	1569.330	3595.181
#2	2220.406	50812.29	12042.48	1587.427	3594.964
#3	2330.837	50714.77	12051.15	1573.933	3777.797

Sample Name: PB165123TB Acquired: 11/21/2024 17:27:09 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005552	-.006123	.0000902	.0052393	.0003485	.0102691
Stddev	.002723	.001066	.0004379	.0024463	.0005464	.0033584
%RSD	49.03475	17.40228	485.4160	46.69268	156.7596	32.70381

#1	-.007173	-.005612	.0001110	.0024622	.0009033	.0091768
#2	-.002409	-.005409	.0005173	.0061799	-.000189	.0075929
#3	-.007075	-.007348	-.000358	.0070757	.000331	.0140377

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004455	-.000122	-.000258	-.002453	.0011741	-.000246
Stddev	.000316	.000056	.000068	.001121	.0001113	.000322
%RSD	7.097274	45.74760	26.54520	45.68472	9.482912	131.0552

#1	-.004179	-.000109	-.000313	-.002386	.0010567	-.000047
#2	-.004800	-.000074	-.000181	-.001367	.0011873	-.000618
#3	-.004386	-.000183	-.000279	-.003605	.0012782	-.000074

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008784	.0248950	F .0118142	-.001673	.0000383	.0003703
Stddev	.0000885	.0037896	.0000765	.017134	.0001181	.0000582
%RSD	10.07251	15.22224	.6476901	1023.962	307.7971	15.72124

#1	.0008922	.0284259	.0117258	.012712	-.000064	.0003031
#2	.0007839	.0253680	.0118579	.002898	.000168	.0004049
#3	.0009592	.0208912	.0118588	-.020630	.000011	.0004030

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 267.4282	.0008316	.0017733	-.097893	-.011092	.0000762
Stddev	1.3975	.0012115	.0002347	.040923	.000236	.0002040
%RSD	.5225872	145.6769	13.23414	41.80365	2.127578	267.7860

#1	268.0446	.0021304	.0015358	-.071101	-.011048	-.000088
#2	268.4117	-.000268	.0020050	-.077579	-.010882	.000304
#3	265.8285	.000633	.0017790	-.144998	-.011348	.000012

Sample Name: PB165123TB Acquired: 11/21/2024 17:27:09 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002352	.0001922	.0129562	.0062847	F .0516644	-.002425
Stddev	.0006413	.0003660	.0099017	.0016398	.0022636	.002298
%RSD	272.6685	190.4737	76.42488	26.09213	4.381369	94.77021
#1	.0007227	.0004498	.0015363	.0081780	.0539081	-.004961
#2	.0004741	-.000227	.0191494	.0053586	.0493814	-.001833
#3	-.000491	.000353	.0181828	.0053174	.0517036	-.000481

Elem	Sr4077
Units	ppm
Avg	-.000035
Stddev	.000029
%RSD	82.03771
#1	-.000017
#2	-.000069
#3	-.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.518	51910.06	12135.85	1613.335	3717.883
Stddev	40.372	102.07	65.98	2.651	65.819
%RSD	1.767984	.1966363	.5436882	.1643067	1.770331
#1	2237.776	51887.37	12211.93	1613.814	3642.336
#2	2314.176	51821.24	12094.27	1610.478	3762.837
#3	2298.603	52021.57	12101.34	1615.714	3748.478

Sample Name: PB165142BL Acquired: 11/21/2024 17:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0010145	.0001271	.0011070	-.000724	.0009707	-.003673
Stddev	.001150	.0017672	.0007917	.0005781	.000285	.0027986	.000470
%RSD	3480.021	174.1968	622.9425	52.22374	39.42100	288.2954	12.78267

#1	.000085	.0014986	.0006402	.0011006	-.000442	-.002253	-.004105
#2	.001053	.0024892	-.000785	.0016882	-.001013	.002780	-.003173
#3	-.001238	-.000944	.000526	.0005321	-.000717	.002385	-.003742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000210	-.000104	-.001179	.0001701	-.000068	-.000384	.0015005
Stddev	.0000143	.000073	.004722	.0001004	.000038	.000368	.0026184
%RSD	68.13169	70.14322	400.6307	59.03983	55.73420	95.85257	174.5052

#1	.0000357	-.000020	-.001720	.0002846	-.000078	-.000121	-.000836
#2	.0000072	-.000142	.003791	.0000972	-.000026	-.000805	.001007
#3	.0000200	-.000151	-.005606	.0001284	-.000100	-.000226	.004330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.004809	-.000245	.0007058	.1273729	.0010222	-.000154
Stddev	.000124	.005249	.000210	.0000262	.0122385	.0007424	.000231
%RSD	367.9117	109.1400	85.75671	3.713063	9.608421	72.62621	149.5467

#1	-.000072	-.005903	-.000367	.0006897	.1134830	.0003524	.000043
#2	.000105	.000900	-.000002	.0007361	.1320631	.0008938	-.000409
#3	-.000134	-.009424	-.000365	.0006917	.1365726	.0018204	-.000098

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688953	-.010993	-.000407	-.000165	.0004344	.0042167	-.000662
Stddev	.0361756	.000181	.000024	.000827	.0000185	.0038294	.002000
%RSD	52.50812	1.643408	5.792474	500.7807	4.260928	90.81615	302.0043

#1	.0288703	-.010797	-.000421	-.001070	.0004541	.0085433	-.002157
#2	.0785552	-.011029	-.000420	.000552	.0004173	.0012630	.001610
#3	.0992604	-.011153	-.000379	.000023	.0004319	.0028437	-.001441

Sample Name: PB165142BL Acquired: 11/21/2024 17:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001070	-.001012	-.000081
Stddev	.002654	.000693	.000028
%RSD	247.9203	68.53685	34.64508

#1	-.003708	-.000211	-.000058
#2	-.001101	-.001423	-.000072
#3	.001599	-.001401	-.000112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.196	57274.54	12133.07	1782.746	4358.078
Stddev	16.615	77.82	52.78	5.724	18.557
%RSD	.6648289	.1358722	.4349703	.3210838	.4258030

#1	2480.257	57184.75	12093.89	1788.919	4336.977
#2	2506.008	57322.48	12112.24	1781.706	4365.399
#3	2511.323	57316.38	12193.08	1777.613	4371.857

Sample Name: PB165142BS Acquired: 11/21/2024 17:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7561972	1.867918	.9460380	1.908675	.7691348	1.990339
Stddev	.0014081	.018194	.0016467	.007566	.0015811	.007095
%RSD	.1862097	.9740216	.1740668	.3963978	.2055744	.3564500

#1	.7548120	1.865027	.9471018	1.900217	.7680197	1.993168
#2	.7576271	1.887384	.9441411	1.914798	.7684404	1.982267
#3	.7561525	1.851342	.9468709	1.911010	.7709443	1.995583

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860069	.1999596	.1863690	1.105174	.3931090	.1861679
Stddev	.0005661	.0011217	.0001364	.007755	.0012522	.0003578
%RSD	.3043318	.5609561	.0731766	.7017435	.3185395	.1922124

#1	.1859515	.2001397	.1865083	1.105134	.3943903	.1864891
#2	.1854706	.1987588	.1862357	1.097439	.3918881	.1862324
#3	.1865987	.2009804	.1863629	1.112949	.3930486	.1857822

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3055428	2.734605	.1921242	1.920884	.4738222	.0736729
Stddev	.0003273	.011626	.0008172	.013585	.0008666	.0002230
%RSD	.1071178	.4251280	.4253536	.7072331	.1828951	.3026895

#1	.3052334	2.725909	.1912956	1.905197	.4728318	.0737090
#2	.3055095	2.747810	.1929295	1.928706	.4741936	.0734340
#3	.3058855	2.730096	.1921476	1.928748	.4744412	.0738756

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.577409	.2925183	.2015544	9.266488	.2774620	.3988042
Stddev	.003491	.0018864	.0003627	.050310	.0018577	.0008959
%RSD	.1354546	.6448873	.1799420	.5429253	.6695434	.2246332

#1	2.574161	.2942548	.2015251	9.301540	.2775011	.3978242
#2	2.581101	.2905112	.2012072	9.289082	.2755850	.3995809
#3	2.576964	.2927890	.2019308	9.208842	.2792999	.3990074

Sample Name: PB165142BS Acquired: 11/21/2024 17:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6447163	.1911604	F .7143793	5.620697	F -.012420	.1730499
Stddev	.0008696	.0004939	.0050420	.019980	.002699	.0014902
%RSD	.1348790	.2583461	.7057855	.3554650	21.72726	.8611585
#1	.6456774	.1914678	.7111073	5.599234	-.009444	.1726610
#2	.6439840	.1914226	.7118449	5.638756	-.013109	.1746960
#3	.6444874	.1905908	.7201857	5.624101	-.014708	.1717926

Elem	Sr4077
Units	ppm
Avg	.1958191
Stddev	.0006600
%RSD	.3370410
#1	.1965812
#2	.1954376
#3	.1954386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.638	57083.04	11989.30	1816.208	4161.892
Stddev	1.102	187.21	30.71	7.948	1.929
%RSD	.0442342	.3279560	.2561097	.4375961	.0463598
#1	2492.857	56949.59	11973.73	1810.471	4161.272
#2	2491.343	57002.47	12024.67	1812.872	4160.349
#3	2490.713	57297.04	11969.50	1825.279	4164.055

Sample Name: CCV05 Acquired: 11/21/2024 17:40:00 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.962867	4.734989	4.925956	5.023535	5.085425	10.00908	9.520093
Stddev	.011448	.020627	.002994	.014741	.011833	.03427	.090797
%RSD	.2306641	.4356215	.0607701	.2934348	.2326856	.3424175	.9537368

#1	4.970854	4.758422	4.924357	5.033840	5.099086	9.96956	9.619461
#2	4.967996	4.726967	4.924102	5.006650	5.078344	10.02700	9.441453
#3	4.949752	4.719579	4.929409	5.030114	5.078846	10.03068	9.499363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2463346	2.420065	24.09301	1.015934	2.407292	1.269948	4.779644
Stddev	.0002311	.001983	.15779	.003683	.002881	.002798	.013895
%RSD	.0938211	.0819594	.6549339	.3625517	.1196781	.2203597	.2907059

#1	.2465735	2.418069	23.91162	1.019533	2.404176	1.273096	4.766160
#2	.2461121	2.420090	24.16881	1.012172	2.407839	1.267741	4.778857
#3	.2463183	2.422036	24.19859	1.016099	2.409860	1.269008	4.793916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.340736	24.47649	2.437158	1.257820	23.66412	2.436961	2.538202
Stddev	.010956	.16884	.001807	.002621	.04826	.012289	.009948
%RSD	.4680789	.6898170	.0741615	.2084101	.2039348	.5042661	.3919300

#1	2.328373	24.28501	2.435073	1.259695	23.70154	2.422823	2.534451
#2	2.349242	24.60399	2.438109	1.254824	23.60965	2.442988	2.530674
#3	2.344594	24.54047	2.438291	1.258941	23.68117	2.445074	2.549480

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.94788	4.869558	5.093993	4.796227	4.791422	5.169808	5.041883
Stddev	.02498	.009873	.008341	.002505	.015127	.047895	.001593
%RSD	.1001152	.2027484	.1637486	.0522353	.3157028	.9264340	.0315863

#1	24.95503	4.858218	5.102802	4.796512	4.774055	5.123128	5.040559
#2	24.92010	4.876239	5.086215	4.793591	4.801715	5.167465	5.043651
#3	24.96849	4.874218	5.092962	4.798578	4.798498	5.218831	5.041441

Sample Name: CCV05 Acquired: 11/21/2024 17:40:00 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.747492	4.547933	4.911001
Stddev	.009131	.008672	.018351
%RSD	.1923317	.1906849	.3736622
#1	4.757974	4.556652	4.904063
#2	4.743236	4.547838	4.931810
#3	4.741267	4.539308	4.897132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.666	52575.01	11802.83	1657.213	3717.140
Stddev	7.416	129.25	17.24	7.849	5.039
%RSD	.3195758	.2458346	.1460708	.4736468	.1355607
#1	2312.302	52530.46	11820.94	1661.936	3711.680
#2	2326.438	52720.64	11800.94	1661.551	3721.612
#3	2323.258	52473.92	11786.62	1648.152	3718.129

Sample Name: CCB05 Acquired: 11/21/2024 17:44:13 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007424	.0004540	-.000486	.0007618	-.000742	.0033257	-.003062
Stddev	.0016054	.0011116	.000472	.0008974	.000215	.0052960	.000369
%RSD	216.2537	244.8335	97.17501	117.8072	28.92890	159.2438	12.03933
#1	.0002477	.0015343	-.001029	.0014854	-.000600	-.001614	-.003486
#2	.0025369	.0005143	-.000258	.0010424	-.000988	.002673	-.002819
#3	-.000558	-.000687	-.000171	-.000242	-.000636	.008918	-.002881
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000240	.0000099	-.010250	-.000058	-.000069	-.000410	-.002134
Stddev	.0000129	.0000888	.004476	.000266	.000122	.000349	.004273
%RSD	53.55152	896.5400	43.67016	459.8106	177.9569	85.21283	200.1919
#1	.0000387	.0000606	-.015403	-.000360	.000015	-.000760	-.006661
#2	.0000186	-.000093	-.008023	.000143	-.000012	-.000061	.001829
#3	.0000147	.000062	-.007324	.000043	-.000209	-.000410	-.001572
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.001700	-.000174	.0007403	-.018295	.0008348	-.000530
Stddev	.000116	.008076	.000038	.0001231	.019086	.0008516	.000260
%RSD	201.6863	475.1600	21.55097	16.63236	104.3271	102.0173	49.12167
#1	-.000008	-.008384	-.000218	.0006932	-.035798	.0008377	-.000625
#2	.000025	.007274	-.000154	.0006476	-.021140	-.000018	-.000729
#3	-.000191	-.003990	-.000151	.0008800	.002055	.001685	-.000235
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633790	-.005733	-.000068	-.000130	.0004529	.0007753	-.002818
Stddev	.0233007	.000529	.000102	.000224	.0000743	.0060330	.000533
%RSD	36.76400	9.232424	150.6872	172.6985	16.40501	778.1092	18.91407
#1	.0534863	-.005422	-.000012	.000096	.0004541	-.002829	-.003347
#2	.0466569	-.006344	-.000005	-.000352	.0003781	-.002585	-.002826
#3	.0899938	-.005433	-.000185	-.000133	.0005266	.007740	-.002281

Sample Name: CCB05 Acquired: 11/21/2024 17:44:13 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002954	-.000818	.0001037
Stddev	.002244	.002035	.0000172
%RSD	75.97777	248.6904	16.57809

#1	-.002805	-.003167	.0001235
#2	-.000787	.000423	.0000938
#3	-.005268	.000289	.0000937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.895	55689.88	12061.37	1748.630	4283.734
Stddev	2.974	88.45	15.31	2.555	6.536
%RSD	.1210548	.1588344	.1269133	.1461215	.1525848

#1	2455.990	55587.82	12074.50	1747.302	4276.499
#2	2454.479	55744.39	12044.56	1751.576	4285.492
#3	2460.217	55737.43	12065.07	1747.013	4289.212

Sample Name: P4923-06DLX2 Acquired: 11/21/2024 17:48:33 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418364	-.025946	.2916405	-.013951	.0070404	64.69026
Stddev	.0035367	.000783	.0026929	.001507	.0027761	.42657
%RSD	8.453661	3.016538	.9233655	10.80276	39.43032	.6594005
#1	.0378862	-.026634	.2908348	-.015526	.0067175	64.21227
#2	.0447088	-.025094	.2946443	-.012522	.0044399	64.82629
#3	.0429141	-.026110	.2894424	-.013805	.0099638	65.03222
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4943429	.0032056	.0110807	956.2536	.5867612	.0321350
Stddev	.0030020	.0000296	.0001910	5.0480	.0015211	.0001351
%RSD	.6072721	.9227897	1.723720	.5278891	.2592318	.4204257
#1	.4909520	.0032028	.0112846	950.5599	.5858733	.0321245
#2	.4954152	.0031775	.0109060	960.1813	.5858928	.0322750
#3	.4966616	.0032365	.0110514	958.0195	.5885176	.0320054
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3241616	85.44474	2.120851	30.55786	.1520569	-.000473
Stddev	.0003652	.39299	.008353	.13712	.0010917	.000074
%RSD	.1126679	.4599334	.3938652	.4487202	.7179639	15.59316
#1	.3245458	85.04517	2.111964	30.41266	.1528983	-.000463
#2	.3238190	85.45826	2.128541	30.68514	.1508232	-.000551
#3	.3241199	85.83080	2.122049	30.57576	.1524490	-.000405
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.541869	.1881743	.8750586	7.226650	-.085071	.0195103
Stddev	.027145	.0025151	.0034950	.074201	.000950	.0003972
%RSD	.7664174	1.336605	.3994016	1.026772	1.116948	2.035834
#1	3.511232	.1852883	.8716809	7.148798	-.084836	.0190594
#2	3.551453	.1893357	.8786601	7.234592	-.086117	.0196630
#3	3.562923	.1898989	.8748346	7.296561	-.084261	.0198084

Sample Name: P4923-06DLX2 Acquired: 11/21/2024 17:48:33 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141403	4.242766	F 132.2608	1.556046	F 25.56981	.2161420
Stddev	.0013440	.019893	1.0677	.004180	.07413	.0024744
%RSD	9.504417	.4688734	.8072779	.2686151	.2899086	1.144779
#1	.0151917	4.220031	131.3505	1.551233	25.57491	.2148290
#2	.0146032	4.251290	131.9958	1.558144	25.49326	.2146010
#3	.0126261	4.256977	133.4361	1.558762	25.64126	.2189961

Elem	Sr4077
Units	ppm
Avg	1.770682
Stddev	.006316
%RSD	.3567128
#1	1.766181
#2	1.767961
#3	1.777902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.038	48139.09	11822.28	1496.906	3035.452
Stddev	5.221	128.94	37.62	5.695	4.311
%RSD	.2460509	.2678584	.3181853	.3804705	.1420245
#1	2128.056	48240.76	11851.51	1501.323	3038.756
#2	2118.706	48182.45	11779.84	1498.916	3037.025
#3	2119.354	47994.06	11835.49	1490.478	3030.575

Sample Name: PB165138BL Acquired: 11/21/2024 17:52:58 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017931	.0000410	-.000131	.0015798	-.001554	.0068608	-.004059
Stddev	.0028207	.0005772	.000439	.0027240	.001422	.0061263	.000278
%RSD	157.3051	1406.719	334.8871	172.4254	91.45998	89.29500	6.845400
#1	.0013138	-.000126	-.000464	-.001473	.000084	.0046831	-.004343
#2	-.000757	.000683	.000367	.003762	-.002463	.0021208	-.003788
#3	.004823	-.000434	-.000297	.002450	-.002283	.0137785	-.004046
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000026	-.000073	.0788562	.0001792	.0000556	-.000315	.0072501
Stddev	.0000185	.000068	.0114128	.0002838	.0002147	.000329	.0030800
%RSD	716.2244	93.68006	14.47297	158.3869	386.0942	104.3986	42.48208
#1	.0000127	-.000151	.0914207	.0004242	.0000074	-.000673	.0039461
#2	-.000019	-.000031	.0760167	.0002451	.0002903	-.000244	.0077623
#3	.000014	-.000036	.0691312	-.000132	-.000131	-.000028	.0100419
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000438	-.002166	-.000171	.0005435	-.028504	.0013953	-.000420
Stddev	.0000776	.007789	.000098	.0000795	.016080	.0011072	.000091
%RSD	177.0968	359.6029	57.16156	14.62280	56.41366	79.35044	21.73370
#1	-.000046	.000160	-.000119	.0004795	-.043244	.0019643	-.000392
#2	.000083	-.010853	-.000284	.0005185	-.030913	.0021023	-.000346
#3	.000094	.004195	-.000111	.0006325	-.011355	.0001193	-.000522
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681289	-.008934	-.000222	.0003237	.0009793	.1249057	-.001937
Stddev	.0095535	.000379	.000141	.0002060	.0001611	.1442496	.002991
%RSD	14.02273	4.245855	63.55473	63.63496	16.44818	115.4868	154.3704
#1	.0601022	-.008973	-.000299	.0001692	.0010976	.2914481	-.002410
#2	.0655886	-.008537	-.000309	.0005576	.0010445	.0440164	-.004664
#3	.0786958	-.009292	-.000059	.0002443	.0007959	.0392527	.001261

Sample Name: PB165138BL Acquired: 11/21/2024 17:52:58 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002494	-.002132	.0002031
Stddev	.002582	.000715	.0000622
%RSD	103.5221	33.51876	30.63581

#1	.000486	-.001991	.0002093
#2	-.004053	-.002907	.0002620
#3	-.003915	-.001498	.0001380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.839	51642.12	11372.77	1619.307	3939.181
Stddev	3.052	89.05	256.87	1.513	4.968
%RSD	.1349385	.1724340	2.258645	.0934232	.1261282

#1	2258.571	51546.35	11669.34	1617.629	3935.836
#2	2262.331	51722.42	11228.38	1620.568	3936.816
#3	2264.615	51657.59	11220.58	1619.724	3944.890

Sample Name: PB165138BS Acquired: 11/21/2024 17:57:19 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7811118	1.970963	.9731945	1.989163	.8053159	2.053622
Stddev	.0005703	.033213	.0005121	.004555	.0023837	.008417
%RSD	.0730155	1.685097	.0526214	.2289798	.2959984	.4098526

#1	.7816453	1.932613	.9726827	1.994373	.8079863	2.044053
#2	.7805107	1.990075	.9737069	1.985934	.8045581	2.059875
#3	.7811794	1.990202	.9731939	1.987183	.8034031	2.056940

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920870	.2059945	.1906655	1.136602	.4052906	.1909771
Stddev	.0013270	.0008315	.0001349	.009471	.0016249	.0004492
%RSD	.6908299	.4036555	.0707662	.8332654	.4009115	.2352236

#1	.1908118	.2069429	.1905190	1.133953	.4071447	.1906159
#2	.1934603	.2053905	.1907847	1.128737	.4041148	.1908353
#3	.1919889	.2056503	.1906927	1.147115	.4046124	.1914801

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3148993	2.792041	.1985075	1.988281	.4857424	.0758807
Stddev	.0004871	.015623	.0003130	.009938	.0003613	.0003657
%RSD	.1546814	.5595511	.1576798	.4998499	.0743792	.4819555

#1	.3149189	2.774725	.1983459	1.997339	.4856762	.0756079
#2	.3153763	2.805080	.1983084	1.989854	.4861323	.0757380
#3	.3144027	2.796317	.1988683	1.977649	.4854189	.0762963

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.585104	.3016631	.2066568	9.466778	.2885208	.4161607
Stddev	.024543	.0024297	.0019393	.049011	.0016121	.0007621
%RSD	.9494021	.8054402	.9384194	.5177107	.5587545	.1831329

#1	2.556876	.2994838	.2088951	9.410241	.2903391	.4165562
#2	2.597037	.3042829	.2054801	9.497204	.2872662	.4166437
#3	2.601399	.3012225	.2055952	9.492891	.2879572	.4152821

Sample Name: PB165138BS Acquired: 11/21/2024 17:57:19 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6639447	.1973162	.7510095	5.713303	F -.010858	.1770664
Stddev	.0039477	.0013245	.0040680	.026925	.003889	.0015586
%RSD	.5945864	.6712591	.5416728	.4712686	35.81649	.8802479
#1	.6595155	.1958661	.7526953	5.699137	-.010043	.1753779
#2	.6670928	.1976206	.7463696	5.696419	-.015089	.1784502
#3	.6652257	.1984621	.7539636	5.744354	-.007441	.1773710

Elem	Sr4077
Units	ppm
Avg	.2028867
Stddev	.0004348
%RSD	.2143283
#1	.2024154
#2	.2029722
#3	.2032723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.531	55929.04	11670.32	1751.866	4084.395
Stddev	9.898	56.88	29.59	12.200	9.307
%RSD	.4082548	.1016947	.2535522	.6964068	.2278596
#1	2413.338	55970.32	11637.01	1737.957	4073.649
#2	2428.127	55952.64	11693.58	1760.754	4089.632
#3	2432.129	55864.16	11680.37	1756.888	4089.903

Sample Name: LR1 Acquired: 11/21/2024 18:00:50 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543792	-.018537	-.017222	-.094045	-.020367	1891.461	.0164816
Stddev	.0083076	.010788	.004245	.002000	.006215	13.305	.0006572
%RSD	15.27712	58.19482	24.64790	2.126635	30.51263	.7034008	3.987696

#1	.0551087	-.026103	-.022087	-.096199	-.022837	1878.935	.0161503
#2	.0457309	-.023324	-.015307	-.092246	-.013298	1890.021	.0160559
#3	.0622980	-.006184	-.014272	-.093692	-.024968	1905.427	.0172386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117779	.1694523	1714.318	.0024834	.0526404	.0674419	982.9364
Stddev	.0001766	.0006155	10.778	.0008287	.0000341	.0044253	2.0183
%RSD	1.499739	.3632067	.6287105	33.36740	.0648551	6.561644	.2053289

#1	.0116754	.1696525	1712.463	.0019709	.0526052	.0723698	980.8343
#2	.0116765	.1687617	1704.588	.0034394	.0526427	.0638075	984.8588
#3	.0119819	.1699428	1725.904	.0020399	.0526734	.0661485	983.1160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.134745	1864.436	.0138526	-.060775	2166.378	.0211385	.1636991
Stddev	.000380	5.204	.0015099	.000103	9.772	.0021078	.0004062
%RSD	.2819339	.2791369	10.90005	.1687555	.4510775	9.971297	.2481169

#1	-.134576	1861.541	.0126302	-.060768	2163.753	.0199376	.1639954
#2	-.134479	1861.323	.0133871	-.060676	2177.195	.0199057	.1638659
#3	-.135180	1870.444	.0155405	-.060881	2158.188	.0235723	.1632361

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1473.751	^ *****	-.013802	.0096228	-.035585	.1535506	.0729627
Stddev	7.665	-----	.001240	.0022335	.000617	.0159625	.0037557
%RSD	.5201295	-----	8.986785	23.21004	1.734663	10.39560	5.147356

#1	1479.375	^ -----	-.012423	.0119093	-.035821	.1356128	.0735921
#2	1465.020	^ -----	-.014157	.0074464	-.036049	.1588484	.0763639
#3	1476.858	^ -----	-.014826	.0095127	-.034884	.1661907	.0689321

Sample Name: LR1 Acquired: 11/21/2024 18:00:50 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.182466	.4358425	-.969727
Stddev	.004917	.0073991	.002045
%RSD	2.694501	1.697655	.2108378

#1	-.179739	.4406690	-.967621
#2	-.179517	.4395347	-.971704
#3	-.188142	.4273239	-.969856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.865	34728.22	8982.577	1050.424	2000.326
Stddev	2.716	53.38	46.068	4.128	5.550
%RSD	.1835570	.1537132	.5128651	.3929414	.2774521

#1	1482.389	34782.79	9022.037	1054.269	2005.353
#2	1480.217	34676.11	8993.741	1046.063	2001.256
#3	1476.990	34725.75	8931.952	1050.942	1994.370

Sample Name: LR2 Acquired: 11/21/2024 18:05:48 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081673	-.032605	228.2190	.0008880	.0041666	.0741733	^F *****
Stddev	.0018225	.000750	.1769	.0009524	.0006309	.0407118	----
%RSD	22.31487	2.300014	.0775281	107.2581	15.14165	54.88735	----

#1	.0060846	-.033351	228.4195	.0017302	.0047285	.1195842	^ ----
#2	.0089471	-.032614	228.1528	.0010795	.0042871	.0619959	^ ----
#3	.0094703	-.031851	228.0848	-.000146	.0034842	.0409399	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003828	-.005130	.3109518	.0095617	-.015314	269.8126	.0051161
Stddev	.000115	.000117	.0589470	.0003480	.000219	1.1087	.0215695
%RSD	3.008211	2.271604	18.95695	3.639443	1.431906	.4109251	421.5975

#1	-.003899	-.005185	.3782407	.0095831	-.015103	269.8969	.0288504
#2	-.003890	-.004996	.2861903	.0092035	-.015298	270.8768	-.000212
#3	-.003695	-.005208	.2684245	.0098985	-.015540	268.6641	-.013290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.23361	.0020144	52.87555	.0016795	.3002694	-.015768	35.17375
Stddev	1.09551	.0418990	.07020	.0003113	.0410221	.000967	.20812
%RSD	2.533932	2079.960	.1327713	18.53774	13.66176	6.133222	.5916847

#1	44.18865	.0485451	52.92875	.0016636	.3417413	-.016856	34.94046
#2	43.47447	-.009775	52.90192	.0013764	.2993544	-.015438	35.34033
#3	42.03771	-.032727	52.79598	.0019985	.2597124	-.015009	35.24048

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1874468	-.009767	-.006524	.0002271	-.040009	.0016805	.3251791
Stddev	.0446957	.000437	.000098	.0004170	.001175	.0009868	.0092840
%RSD	23.84450	4.475759	1.500648	183.6285	2.937665	58.72034	2.855041

#1	.2330654	-.009342	-.006596	-.000253	-.040887	.0007404	.3349510
#2	.1855399	-.009745	-.006564	.000499	-.040465	.0027081	.3241111
#3	.1437350	-.010215	-.006412	.000435	-.038674	.0015928	.3164754

Sample Name: LR2 Acquired: 11/21/2024 18:05:48 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009267	-.002392	.0022258
Stddev	.005700	.001536	.0000487
%RSD	61.50487	64.22062	2.188982
#1	-.013140	-.003727	.0022707
#2	-.011939	-.000713	.0022327
#3	-.002722	-.002735	.0021740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.064	55120.13	11569.73	1631.598	3875.101
Stddev	5.891	149.22	308.46	6.037	9.205
%RSD	.2697299	.2707194	2.666123	.3699766	.2375419
#1	2177.928	55186.48	11282.27	1631.572	3866.086
#2	2184.589	54949.24	11531.31	1625.574	3874.733
#3	2189.675	55224.67	11895.60	1637.647	3884.485

Sample Name: CCV06 Acquired: 11/21/2024 18:09:59 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028914	4.802232	4.974256	5.102599	5.161563	10.11334	9.565142
Stddev	.011428	.085323	.005003	.012796	.001460	.02266	.147448
%RSD	.2272432	1.776743	.1005813	.2507684	.0282798	.2240223	1.541513
#1	5.025852	4.750340	4.969238	5.096270	5.159988	10.08735	9.663202
#2	5.019330	4.755649	4.974286	5.094202	5.161829	10.12373	9.636648
#3	5.041562	4.900707	4.979244	5.117326	5.162871	10.12894	9.395575
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2475811	2.440360	24.15496	1.016091	2.428063	1.289153	4.700719
Stddev	.0002278	.002735	.08869	.001126	.002288	.001393	.038755
%RSD	.0920151	.1120680	.3671770	.1108141	.0942486	.1080274	.8244517
#1	.2478066	2.439675	24.07361	1.017190	2.428844	1.290552	4.664000
#2	.2473511	2.438033	24.24951	1.014940	2.425487	1.287767	4.741231
#3	.2475857	2.443372	24.14176	1.016142	2.429859	1.289141	4.696926
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.335176	24.53026	2.460639	1.250378	23.82873	2.454992	2.466191
Stddev	.012884	.11220	.003005	.001491	.13250	.011989	.004657
%RSD	.5517198	.4573830	.1221344	.1192236	.5560622	.4883347	.1888537
#1	2.325875	24.40095	2.461057	1.251982	23.80088	2.441166	2.467221
#2	2.349882	24.58797	2.457447	1.250115	23.97295	2.461295	2.461105
#3	2.329772	24.60184	2.463413	1.249035	23.71237	2.462513	2.470247
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.76200	4.905717	5.155807	4.826405	4.812335	5.293190	5.054077
Stddev	.11424	.004593	.011024	.012726	.017874	.044402	.027604
%RSD	.4613353	.0936187	.2138210	.2636664	.3714297	.8388489	.5461764
#1	24.70971	4.900759	5.150031	4.826366	4.795068	5.244877	5.030463
#2	24.89302	4.909826	5.148871	4.813698	4.830760	5.302486	5.047343
#3	24.68326	4.906566	5.168519	4.839150	4.811178	5.332209	5.084426

Sample Name: CCV06 Acquired: 11/21/2024 18:09:59 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.798623	4.549028	4.906004
Stddev	.025416	.036368	.010654
%RSD	.5296573	.7994665	.2171546

#1	4.784952	4.544351	4.918303
#2	4.782967	4.587507	4.899639
#3	4.827949	4.515224	4.900070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.652	53286.29	11752.18	1636.576	3682.873
Stddev	5.800	76.87	16.23	3.148	8.608
%RSD	.2525430	.1442581	.1381000	.1923375	.2337335

#1	2290.305	53248.15	11750.50	1633.165	3672.933
#2	2297.974	53235.95	11736.85	1637.194	3687.884
#3	2301.677	53374.77	11769.18	1639.369	3687.802

Sample Name: CCB06 Acquired: 11/21/2024 18:14:10 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020043	.0004248	.0031385	-.000179	-.000941	.0169709	-.000165
Stddev	.0007692	.0006796	.0003256	.000593	.001049	.0024644	.000387
%RSD	38.37866	159.9988	10.37628	330.9734	111.5388	14.52108	234.8594

#1	.0026805	.0009919	.0028725	-.000729	-.001820	.0192025	.000155
#2	.0021649	-.000329	.0035017	-.000259	-.001223	.0173842	-.000054
#3	.0011674	.000611	.0030412	.000450	.000221	.0143261	-.000594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000020	.0061824	.0002037	.0000344	.0040847	.0060477
Stddev	.000039	.000091	.0042789	.0005130	.0001181	.0005698	.0018631
%RSD	151.4605	450.7639	69.21128	251.8296	343.2648	13.94877	30.80709

#1	-.000031	-.000079	.0013915	.0004653	.0001106	.0047420	.0078752
#2	.000016	.000085	.0096240	.0005332	-.000102	.0037809	.0041509
#3	-.000061	-.000066	.0075318	-.000387	.000094	.0037313	.0061169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016950	.0027066	.0005344	.0007329	.0835563	.0013446	.0002215
Stddev	.0002616	.0051758	.0004429	.0000964	.0059002	.0004692	.0005187
%RSD	15.43689	191.2323	82.86623	13.15854	7.061308	34.89290	234.1605

#1	.0018821	.0077048	.0010443	.0006491	.0782281	.0010871	.0007712
#2	.0018067	-.002630	.0003135	.0008383	.0898973	.0018861	.0001524
#3	.0013960	.003045	.0002455	.0007113	.0825435	.0010605	-.000259

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624669	-.006449	.0000700	-.000084	.0007819	.0097708	-.002042
Stddev	.0145323	.000053	.0002221	.000184	.0002407	.0017010	.000582
%RSD	23.26404	.8235312	317.5530	219.6526	30.78052	17.40916	28.48528

#1	.0468023	-.006418	.0002077	-.000038	.0005627	.0106947	-.001378
#2	.0755101	-.006510	.0001884	.000073	.0007436	.0078078	-.002460
#3	.0650882	-.006419	-.000186	-.000286	.0010394	.0108100	-.002288

Sample Name: CCB06 Acquired: 11/21/2024 18:14:10 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004672	-.001474	.0002758
Stddev	.001753	.001491	.0001114
%RSD	37.53377	101.1683	40.39019
#1	-.005856	.000170	.0003710
#2	-.005501	-.002740	.0003030
#3	-.002657	-.001852	.0001533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.822	52013.84	11325.22	1631.631	4037.366
Stddev	10.941	86.89	14.17	6.627	14.943
%RSD	.4740702	.1670534	.1251170	.4061287	.3701296
#1	2295.190	51955.73	11323.64	1626.019	4020.112
#2	2313.956	51972.07	11311.91	1629.932	4045.816
#3	2314.319	52113.73	11340.12	1638.942	4046.170

Sample Name: P4927-01DLX10 Acquired: 11/21/2024 18:18:30 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314013	.0266832	.0019679	.0484236	-.007151	.1515944	-.004333
Stddev	.0008335	.0024874	.0002303	.0027549	.001224	.0019470	.000165
%RSD	2.654244	9.321994	11.70148	5.689138	17.11089	1.284376	3.811184
#1	.0305584	.0279383	.0021560	.0499200	-.007565	.1513612	-.004498
#2	.0314205	.0238183	.0020365	.0501065	-.005774	.1497745	-.004334
#3	.0322250	.0282930	.0017111	.0452444	-.008114	.1536476	-.004168
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017798	-.001962	11.86215	.0058225	.0044151	.0533442	178.0505
Stddev	.0000526	.000077	.03869	.0003439	.0000622	.0014918	.7592
%RSD	2.953578	3.921548	.3261649	5.906542	1.407833	2.796506	.4263949
#1	.0017248	-.002014	11.81803	.0061557	.0043570	.0550429	177.5446
#2	.0017852	-.001873	11.89031	.0054688	.0044806	.0527421	177.6835
#3	.0018295	-.001998	11.87810	.0058428	.0044078	.0522476	178.9235
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.099632	1.244306	.0037690	.0028047	3.872071	.0029818	.0896338
Stddev	.027080	.003336	.0003191	.0003636	.021149	.0003329	.0003806
%RSD	.2975920	.2680657	8.466344	12.96458	.5462060	11.16535	.4246289
#1	9.085068	1.247773	.0041348	.0027175	3.850936	.0026054	.0892674
#2	9.082951	1.241119	.0035474	.0024926	3.872042	.0031022	.0896066
#3	9.130877	1.244027	.0036249	.0032039	3.893235	.0032377	.0900272
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9618029	-.228380	-.001197	.0942854	.0011001	.1101286	.1090968
Stddev	.0101755	.004207	.000293	.0010186	.0002917	.0118803	.0012771
%RSD	1.057966	1.841913	24.45735	1.080315	26.51568	10.78765	1.170606
#1	.9502337	-.232950	-.001358	.0953427	.0013570	.1237575	.1104999
#2	.9658107	-.224670	-.001373	.0942031	.0007830	.1019614	.1087882
#3	.9693643	-.227519	-.000859	.0933105	.0011603	.1046669	.1080023

Sample Name: P4927-01DLX10 Acquired: 11/21/2024 18:18:30 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.136748	-.003362	-.168989
Stddev	.004058	.000324	.000721
%RSD	.3569647	9.648446	.4263983
#1	1.137301	-.003308	-.168515
#2	1.132442	-.003069	-.168634
#3	1.140500	-.003711	-.169818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.006	48503.73	12361.74	1366.760	3948.978
Stddev	3.899	126.81	50.25	4.190	4.143
%RSD	.2042211	.2614360	.4065192	.3065431	.1049138
#1	1905.438	48379.56	12304.76	1370.237	3944.196
#2	1908.414	48633.02	12399.74	1367.934	3951.261
#3	1913.167	48498.60	12380.72	1362.109	3951.478

Sample Name: P4927-01DUPDLX10 Acquired: 11/21/2024 18:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269500	.0308577	.0023873	.0451308	-.007894	.1715964	-.004306
Stddev	.0030842	.0022950	.0007070	.0041762	.001183	.0061353	.000178
%RSD	11.44401	7.437528	29.61576	9.253485	14.98835	3.575406	4.127796

#1	.0256589	.0301811	.0019028	.0438526	-.009256	.1645130	-.004435
#2	.0247213	.0289769	.0020606	.0497967	-.007307	.1752445	-.004104
#3	.0304699	.0334149	.0031986	.0417431	-.007119	.1750316	-.004380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019871	-.002591	13.78735	.0066570	.0051113	.0598659	207.0464
Stddev	.0000986	.000297	.04433	.0004924	.0001004	.0021271	2.3712
%RSD	4.962706	11.48100	.3215267	7.396020	1.964784	3.553145	1.145260

#1	.0019462	-.002254	13.75150	.0064618	.0051367	.0622154	204.3088
#2	.0020995	-.002816	13.83691	.0062922	.0050006	.0593110	208.4571
#3	.0019154	-.002703	13.77363	.0072171	.0051966	.0580712	208.3734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58714	1.411113	.0046578	.0037607	4.511271	.0028005	.1050716
Stddev	.09683	.007264	.0002335	.0003086	.032215	.0003737	.0003046
%RSD	.9145624	.5147646	5.011986	8.206262	.7141016	13.34379	.2899275

#1	10.48494	1.408400	.0047113	.0034604	4.476783	.0026820	.1053003
#2	10.67750	1.419342	.0044022	.0040770	4.516443	.0032191	.1047258
#3	10.59899	1.405595	.0048598	.0037447	4.540588	.0025005	.1051887

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.106995	-.264211	-.001584	.1134271	.0008668	.1129388	.1348910
Stddev	.041421	.004721	.000294	.0019261	.0001777	.0048786	.0054519
%RSD	3.741759	1.786876	18.56854	1.698115	20.50021	4.319704	4.041681

#1	1.059477	-.268222	-.001597	.1155729	.0007053	.1180452	.1383428
#2	1.126036	-.265404	-.001872	.1128606	.0008381	.1124458	.1286058
#3	1.135472	-.259008	-.001284	.1118478	.0010572	.1083254	.1377242

Sample Name: P4927-01DUPDLX10 Acquired: 11/21/2024 18:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.342553	-.002919	-.196432
Stddev	.007563	.000812	.002402
%RSD	.5632969	27.82172	1.222738

#1	1.340187	-.003500	-.193659
#2	1.336456	-.001991	-.197847
#3	1.351015	-.003267	-.197790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.267	46289.36	11829.49	1299.021	3788.761
Stddev	10.532	51.83	36.25	1.576	12.276
%RSD	.5735628	.1119796	.3064478	.1213003	.3240117

#1	1824.791	46335.02	11820.29	1297.851	3776.549
#2	1838.519	46300.04	11798.72	1300.813	3788.634
#3	1845.490	46233.02	11869.45	1298.399	3801.100

Sample Name: P4927-01LDLX50 Acquired: 11/21/2024 18:27:03 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037886	.0094170	.0009900	.0096851	.0002322	.0353221	-.004093
Stddev	.0019312	.0006574	.0001655	.0016032	.0002964	.0029826	.000102
%RSD	50.97489	6.981084	16.72162	16.55305	127.6228	8.444097	2.484399
#1	.0060186	.0095832	.0008362	.0110764	.0005728	.0326938	-.003975
#2	.0026814	.0099753	.0009686	.0100469	.0000331	.0385637	-.004150
#3	.0026658	.0086924	.0011652	.0079319	.0000908	.0347088	-.004152
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004727	.0006852	2.465740	.0010719	.0009548	.0137742	32.84200
Stddev	.0000386	.0000966	.005303	.0000877	.0001334	.0004770	.20024
%RSD	8.171304	14.10466	.2150474	8.185585	13.97605	3.462734	.6097195
#1	.0004886	.0007949	2.469451	.0011005	.0008673	.0142680	32.61204
#2	.0004287	.0006129	2.459667	.0011418	.0008886	.0137387	32.97785
#3	.0005009	.0006477	2.468102	.0009734	.0011083	.0133160	32.93611
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.955140	.2895886	.0006863	.0000692	.6892091	.0017125	.0183697
Stddev	.004656	.0072973	.0001519	.0001933	.0155278	.0003457	.0000867
%RSD	.2381243	2.519881	22.12609	279.3876	2.252982	20.18958	.4720511
#1	1.952179	.2941368	.0006065	-.000143	.6712850	.0020430	.0184686
#2	1.952734	.2811715	.0005911	.000234	.6977750	.0013533	.0183067
#3	1.960506	.2934574	.0008615	.000117	.6985673	.0017411	.0183338
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1936584	-.083401	-.000712	.0124669	.0000465	.0106120	.0171419
Stddev	.0314349	.000666	.000082	.0005860	.0002945	.0051135	.0030512
%RSD	16.23212	.7988097	11.55633	4.700201	633.6415	48.18674	17.79951
#1	.1725591	-.083685	-.000802	.0131374	.0003198	.0130238	.0192105
#2	.1786293	-.083878	-.000640	.0120527	-.000265	.0140736	.0185774
#3	.2297866	-.082639	-.000694	.0122107	.000085	.0047385	.0136377

Sample Name: P4927-01LDLX50 Acquired: 11/21/2024 18:27:03 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2047495	-.002436	-.031047
Stddev	.0028613	.000369	.000209
%RSD	1.397460	15.14900	.6724186
#1	.2075528	-.002166	-.030816
#2	.2018335	-.002857	-.031222
#3	.2048620	-.002286	-.031104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.105	57744.69	12437.65	1746.738	4503.656
Stddev	7.972	170.44	60.11	13.057	9.876
%RSD	.3318952	.2951676	.4833304	.7475057	.2192938
#1	2406.292	57756.88	12369.63	1744.779	4505.462
#2	2392.912	57568.47	12459.70	1734.771	4493.002
#3	2407.112	57908.71	12483.63	1760.664	4512.505

Sample Name: P4927-01MSDLX10 Acquired: 11/21/2024 18:31:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395653	.1648338	.0632432	.3633563	.0673764	.3391160	.0160797
Stddev	.0012965	.0008072	.0006215	.0013005	.0004493	.0031389	.0000475
%RSD	.9289379	.4896894	.9827539	.3579257	.6668619	.9256240	.2953523

#1	.1410315	.1657559	.0631065	.3648359	.0671062	.3424386	.0160735
#2	.1385703	.1642551	.0639217	.3623939	.0678951	.3362004	.0160356
#3	.1390941	.1644905	.0627014	.3628392	.0671280	.3387091	.0161300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171293	.0126443	13.24549	.0461394	.0201325	.0840669	196.9971
Stddev	.0000718	.0001936	.02603	.0001886	.0000119	.0011002	.8895
%RSD	.4192910	1.531337	.1965367	.4087749	.0589767	1.308715	.4515091

#1	.0171432	.0127366	13.27538	.0462628	.0201279	.0840844	197.2339
#2	.0170516	.0127745	13.23326	.0459223	.0201459	.0851583	196.0133
#3	.0171932	.0124218	13.22782	.0462331	.0201235	.0829581	197.7443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36347	1.543697	.0425597	.0100652	4.507698	.0307735	.1197608
Stddev	.06940	.008594	.0002550	.0003479	.035537	.0012304	.0007662
%RSD	.6696739	.5567198	.5990535	3.456538	.7883647	3.998123	.6398110

#1	10.43307	1.540838	.0428315	.0101226	4.494083	.0321835	.1198340
#2	10.29427	1.536897	.0423259	.0096922	4.480982	.0302188	.1204877
#3	10.36308	1.553356	.0425216	.0103809	4.548030	.0299181	.1189605

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.956495	-.239297	.0431030	.1495388	.0196003	.1703631	.7693159
Stddev	.010913	.002686	.0001774	.0010122	.0007843	.0046382	.0101130
%RSD	.5577678	1.122252	.4115397	.6768578	4.001390	2.722555	1.314541

#1	1.946536	-.242293	.0428984	.1497791	.0187392	.1699445	.7800887
#2	1.968161	-.238490	.0431983	.1484281	.0202737	.1751965	.7600266
#3	1.954789	-.237107	.0432124	.1504091	.0197878	.1659484	.7678324

Sample Name: P4927-01MSDLX10 Acquired: 11/21/2024 18:31:22 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.259720	.0139067	-.166226
Stddev	.005895	.0004864	.000780
%RSD	.4679233	3.497654	.4691962
#1	1.266133	.0133476	-.166397
#2	1.258489	.0141402	-.165375
#3	1.254538	.0142323	-.166906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.050	48214.78	11951.10	1379.339	3929.460
Stddev	8.587	98.54	89.53	6.233	12.660
%RSD	.4472076	.2043843	.7491586	.4518897	.3221786
#1	1914.807	48103.93	11847.96	1375.060	3918.337
#2	1915.384	48292.47	12008.74	1376.466	3926.808
#3	1929.959	48247.93	11996.61	1386.490	3943.236

Sample Name: P4927-01MSDDLX10 Acquired: 11/21/2024 18:35:37 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507937	.1743576	.0666136	.3832106	.0714774	.3559552	.0160834
Stddev	.0017886	.0023504	.0014390	.0045536	.0026511	.0053236	.0001820
%RSD	1.186157	1.348045	2.160257	1.188286	3.709011	1.495583	1.131601

#1	.1496701	.1767416	.0661752	.3846223	.0744936	.3560956	.0159433
#2	.1528563	.1742890	.0654448	.3868913	.0695159	.3612072	.0162891
#3	.1498548	.1720422	.0682209	.3781184	.0704229	.3505628	.0160179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176134	.0128997	13.72916	.0486489	.0209050	.0883983	208.2382
Stddev	.0001276	.0003919	.05224	.0007179	.0001227	.0020422	2.4539
%RSD	.7245686	3.038357	.3805303	1.475689	.5869545	2.310269	1.178428

#1	.0177449	.0133193	13.68010	.0493860	.0208803	.0905342	205.5114
#2	.0176051	.0128368	13.78409	.0486088	.0210382	.0881959	208.9343
#3	.0174901	.0125430	13.72330	.0479519	.0207965	.0864648	210.2688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61581	1.587690	.0448917	.0109504	4.719629	.0320165	.1259148
Stddev	.06900	.032322	.0002521	.0004607	.037097	.0008541	.0006458
%RSD	.6500031	2.035768	.5615736	4.207236	.7860251	2.667723	.5128753

#1	10.53730	1.552449	.0451773	.0107075	4.677521	.0329908	.1254561
#2	10.66683	1.594669	.0447001	.0106620	4.747495	.0316623	.1266533
#3	10.64329	1.615953	.0447977	.0114818	4.733871	.0313965	.1256351

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.095929	-.237855	.0455924	.1591776	.0203137	.1836790	.7976718
Stddev	.027849	.003951	.0006321	.0015082	.0005569	.0037963	.0055591
%RSD	1.328738	1.660913	1.386492	.9475061	2.741632	2.066804	.6969106

#1	2.066486	-.241829	.0458024	.1587064	.0208888	.1836187	.8011899
#2	2.099451	-.237807	.0460928	.1579611	.0202754	.1875051	.7912630
#3	2.121850	-.233928	.0448820	.1608651	.0197770	.1799132	.8005626

Sample Name: P4927-01MSDDLX10 Acquired: 11/21/2024 18:35:37 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.345729	.0120838	-.176513
Stddev	.007293	.0001526	.002451
%RSD	.5419037	1.262497	1.388740
#1	1.348705	.0120580	-.173853
#2	1.337419	.0122476	-.177003
#3	1.351063	.0119458	-.178682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.566	45600.53	11659.72	1292.331	3735.569
Stddev	6.996	153.07	42.07	9.904	10.147
%RSD	.3870490	.3356858	.3608237	.7663756	.2716352
#1	1809.991	45769.75	11646.77	1303.456	3735.454
#2	1799.680	45471.69	11625.65	1284.474	3725.479
#3	1813.028	45560.16	11706.75	1289.062	3745.773

Sample Name: P4927-01ADLX10 Acquired: 11/21/2024 18:39:52 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1452232	.1738635	.0649681	.3786029	.0692404	.3486298	.0155238
Stddev	.0065540	.0003491	.0010538	.0023832	.0010326	.0036622	.0003277
%RSD	4.513055	.2007691	1.622033	.6294813	1.491385	1.050459	2.110740

#1	.1382478	.1734725	.0639733	.3760576	.0691553	.3468016	.0158679
#2	.1461686	.1739741	.0660724	.3807815	.0703129	.3528461	.0154881
#3	.1512531	.1741438	.0648587	.3789696	.0682529	.3462416	.0152155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171446	.0125676	13.55799	.0474948	.0205130	.0851235	204.3892
Stddev	.0000204	.0001656	.02776	.0004835	.0001241	.0025800	.6328
%RSD	.1192974	1.317761	.2047252	1.018045	.6047904	3.030864	.3096189

#1	.0171407	.0127509	13.55712	.0480393	.0206525	.0880374	203.6702
#2	.0171263	.0124288	13.53068	.0473294	.0204714	.0842033	204.8615
#3	.0171666	.0125232	13.58618	.0471157	.0204150	.0831297	204.6360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37825	1.545830	.0434447	.0105301	4.635907	.0319705	.1239583
Stddev	.01622	.011029	.0002345	.0003671	.017396	.0005116	.0007462
%RSD	.1563044	.7134437	.5398136	3.486328	.3752454	1.600356	.6019859

#1	10.38665	1.536357	.0437100	.0103216	4.615916	.0313854	.1247566
#2	10.38855	1.557937	.0432651	.0109540	4.644207	.0323338	.1238398
#3	10.35955	1.543195	.0433590	.0103147	4.647599	.0321924	.1232783

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.085649	-.231110	.0448489	.1578731	.0201863	.1860207	.7854929
Stddev	.028314	.002266	.0002163	.0011424	.0004323	.0039015	.0023618
%RSD	1.357586	.9804125	.4823710	.7236126	2.141561	2.097339	.3006772

#1	2.066875	-.233697	.0448136	.1586251	.0197381	.1849731	.7829501
#2	2.071854	-.229475	.0450807	.1584356	.0202203	.1903391	.7876180
#3	2.118217	-.230159	.0446524	.1565585	.0206007	.1827500	.7859107

Sample Name: P4927-01ADLX10 Acquired: 11/21/2024 18:39:52 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.329548	.0141001	-.173196
Stddev	.003100	.0008889	.000759
%RSD	.2331355	6.303935	.4381312
#1	1.328154	.0151236	-.172329
#2	1.327391	.0136552	-.173742
#3	1.333100	.0135216	-.173517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.607	46825.97	12046.51	1316.232	3843.387
Stddev	9.918	95.09	68.98	8.827	18.060
%RSD	.5344760	.2030722	.5725743	.6706356	.4699069
#1	1848.143	46733.32	11972.78	1308.727	3829.019
#2	1851.817	46821.26	12057.27	1314.012	3837.481
#3	1866.861	46923.32	12109.47	1325.958	3863.661

Sample Name: CCV07 Acquired: 11/21/2024 18:44:07 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030000	4.703166	4.913210	5.125872	5.090618	9.984876	9.507836
Stddev	.008697	.043465	.007011	.008364	.004308	.020005	.095649
%RSD	.1728938	.9241740	.1426992	.1631661	.0846264	.2003526	1.006004

#1	5.033469	4.653014	4.915531	5.128955	5.095544	10.00583	9.587272
#2	5.020104	4.729914	4.918767	5.116405	5.087555	9.98281	9.401664
#3	5.036426	4.726571	4.905333	5.132257	5.088755	9.96598	9.534574

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2436501	2.422776	24.05183	1.008745	2.407198	1.275543	4.739066
Stddev	.0002266	.003180	.06588	.004170	.003421	.002037	.003969
%RSD	.0930098	.1312651	.2739140	.4133765	.1420952	.1596789	.0837612

#1	.2433901	2.424610	24.04118	1.012999	2.410312	1.277584	4.735671
#2	.2437540	2.424614	24.12239	1.004665	2.407743	1.275536	4.743430
#3	.2438062	2.419104	23.99192	1.008570	2.403537	1.273510	4.738096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.328974	24.36422	2.446744	1.238648	23.64841	2.427219	2.524695
Stddev	.006689	.05436	.003825	.001270	.08953	.004936	.005311
%RSD	.2872284	.2231063	.1563163	.1024908	.3785674	.2033644	.2103687

#1	2.323062	24.38035	2.450558	1.240088	23.74051	2.425046	2.529590
#2	2.336235	24.40869	2.446764	1.238167	23.56170	2.432869	2.519048
#3	2.327624	24.30363	2.442909	1.237690	23.64303	2.423743	2.525448

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.68930	4.790494	5.100916	4.777082	4.769657	5.224890	5.027583
Stddev	.09436	.014429	.003217	.006627	.001500	.045904	.014702
%RSD	.3822097	.3012007	.0630744	.1387180	.0314498	.8785669	.2924364

#1	24.77414	4.774833	5.104404	4.777094	4.771344	5.171911	5.019293
#2	24.58767	4.803248	5.098065	4.783703	4.769157	5.249927	5.044559
#3	24.70609	4.793401	5.100277	4.770449	4.768471	5.252833	5.018898

Sample Name: CCV07 Acquired: 11/21/2024 18:44:07 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.757837	4.517740	4.897221
Stddev	.007673	.015430	.047058
%RSD	.1612692	.3415534	.9609105
#1	4.753245	4.518132	4.879159
#2	4.753571	4.502117	4.950634
#3	4.766695	4.532971	4.861870

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.128	52855.03	11794.20	1641.084	3678.073
Stddev	6.100	159.85	37.00	4.685	9.102
%RSD	.2657664	.3024373	.3137020	.2854799	.2474614
#1	2289.723	52704.40	11788.51	1636.781	3669.351
#2	2301.742	52837.94	11760.38	1640.397	3687.512
#3	2293.920	53022.74	11833.72	1646.075	3677.356

Sample Name: CCB07 Acquired: 11/21/2024 18:48:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	.0018975	.0001227	.0054466	-.000449	.0048350	-.003497
Stddev	.000992	.0017462	.0002472	.0023364	.000348	.0038988	.000277
%RSD	588.7563	92.02406	201.3567	42.89657	77.58325	80.63679	7.928219
#1	.000013	.0007677	.0004021	.0080867	-.000353	.0047026	-.003624
#2	.000720	.0039087	.0000336	.0046074	-.000834	.0087983	-.003179
#3	-.001238	.0010161	-.000067	.0036457	-.000158	.0010041	-.003687
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000512	.0000364	-.008496	.0002564	.0000416	-.000074	.0023918
Stddev	.0000511	.0000298	.006336	.0002919	.0001245	.000179	.0023787
%RSD	99.87165	81.75544	74.57664	113.8731	299.2770	240.9807	99.45020
#1	.0000196	.0000020	-.009590	.0005378	-.000097	.000128	.0039538
#2	.0000238	.0000531	-.001684	.0002763	.000144	-.000212	.0035674
#3	.0001102	.0000541	-.014215	-.000045	.000078	-.000140	-.000346
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002436	-.007932	-.000144	.0006361	-.105755	.0006421	-.000990
Stddev	.0001389	.007653	.000252	.0002298	.006010	.0011188	.000156
%RSD	57.03217	96.48286	174.9627	36.12889	5.682807	174.2428	15.74030
#1	.0001578	-.000138	-.000204	.0007121	-.111874	-.000385	-.000871
#2	.0001691	-.015436	-.000362	.0008183	-.105530	.001834	-.001166
#3	.0004039	-.008222	.000133	.0003779	-.099860	.000477	-.000931
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015847	-.006675	.0000897	-.000138	.0007642	.0029631	-.000329
Stddev	.0171528	.000303	.0000824	.000425	.0001954	.0013229	.001638
%RSD	1082.400	4.536839	91.83293	308.7368	25.56082	44.64531	498.2430
#1	-.011509	-.006991	.0000902	.000342	.0006226	.0033469	-.001183
#2	-.004738	-.006647	.0000071	-.000288	.0009871	.0040517	.001559
#3	.021001	-.006388	.0001719	-.000467	.0006830	.0014908	-.001363

Sample Name: CCB07 Acquired: 11/21/2024 18:48:17 Type: Unk
Method: NON EPA-6010-200.7(v2476) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001325	-.002481	.0001190
Stddev	.001745	.001057	.0000144
%RSD	131.6576	42.59837	12.08271

#1	.000457	-.002601	.0001340
#2	-.001403	-.003473	.0001176
#3	-.003029	-.001369	.0001054

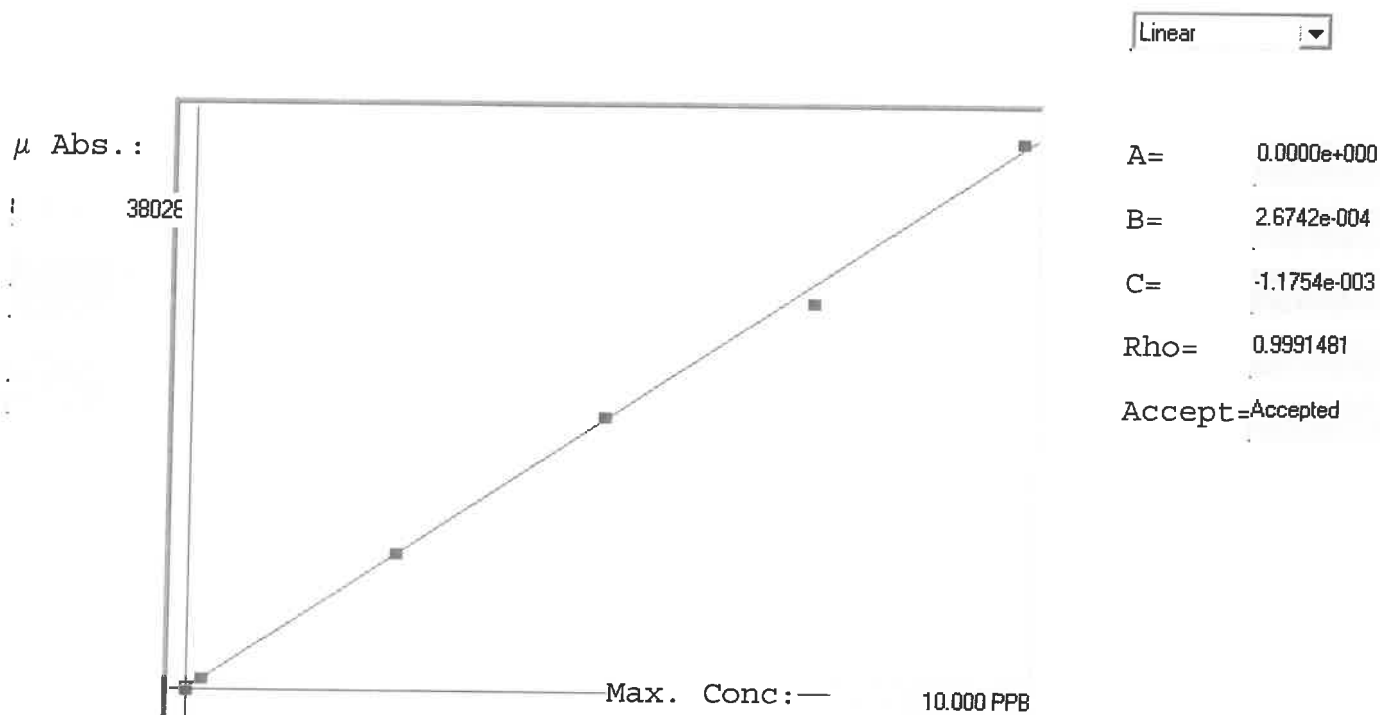
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.209	57274.84	12431.15	1810.143	4423.397
Stddev	.687	233.00	38.85	9.126	7.241
%RSD	.0269090	.4068053	.3125492	.5041421	.1636974

#1	2552.761	57182.81	12386.32	1808.895	4415.641
#2	2554.000	57101.91	12451.91	1801.706	4429.980
#3	2552.865	57539.80	12455.20	1819.828	4424.570

L3133570

7470A

INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	-0.008	-0.008	-27	0.000	-27	0				1
0.2	0.200	0.223	0.023	840	0.0 %	840					2
2.5	2.500	2.547	0.047	9528	0.0 %	9528					2
5.0	5.000	5.087	0.087	19027	0.0 %	19027					2
7.5	7.500	7.183	-0.317	26865	0.0 %	26865					2
10.0	10.000	10.168	0.168	38028	0.0 %	38028					2

LB133570 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 22 Nov 2024 08:28:38

Sample ID	Extended ID	Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	SC	-27	-	0.000	7470A	PPB	22 Nov 2024 08:29:27	S	Std
0.2 - 1	50.2	840	-	0.200	7470A	PPB	22 Nov 2024 08:31:44	S	Std
2.5 - 1	52.5	9528	-	2.500	7470A	PPB	22 Nov 2024 08:34:01	S	Std
5.0 - 1	55	19027	-	5.000	7470A	PPB	22 Nov 2024 08:36:18	S	Std
7.5 - 1	59.5	26865	-	7.500	7470A	PPB	22 Nov 2024 08:38:35	S	Std
10.0 - 1	510	38028	-	10.000	7470A	PPB	22 Nov 2024 08:47:43	S	Std
ICV97 - 1	ICV97	13647	3.6483	-	7470A	PPB	22 Nov 2024 08:52:58	U	SMPL
ICB97 - 1	ICB97	-236	-0.0643	-	7470A	PPB	22 Nov 2024 08:55:12	U	SMPL
CCV31 - 1	CCV31	19532	5.2220	-	7470A	PPB	22 Nov 2024 08:57:32	U	SMPL
CCB31 - 1	CCB31	-324	-0.0878	-	7470A	PPB	22 Nov 2024 08:59:47	U	SMPL
CRA - 1	CRA	735	0.1954	-	7470A	PPB	22 Nov 2024 09:02:04	U	SMPL
HighStd - 1	HighStd	36675	9.8064	-	7470A	PPB	22 Nov 2024 09:04:19	U	SMPL
ChkStd - 1	ChkStd	25582	6.8399	-	7470A	PPB	22 Nov 2024 09:09:24	U	SMPL
PB165143BL - 1	PBW	-86	-0.0242	-	7470A	PPB	22 Nov 2024 09:14:14	U	SMPL
PB165143BS - 1	LCSW	16144	4.3160	-	7470A	PPB	22 Nov 2024 09:16:29	U	SMPL
P4921-01 - 1	WC-11-A-202411	-253	-0.0688	-	7470A	PPB	22 Nov 2024 09:18:45	U	SMPL
P4921-01DUP - 1	WC-11-A-202411DUP	-99	-0.0276	-	7470A	PPB	22 Nov 2024 09:21:03	U	SMPL
P4921-01MS - 1	WC-11-A-202411MS	14084	3.7651	-	7470A	PPB	22 Nov 2024 09:23:20	U	SMPL
P4921-01MSD - 1	WC-11-A-202411MSD	14539	3.8868	-	7470A	PPB	22 Nov 2024 09:25:37	U	SMPL
PB165179BL - 1	PBW	-313	-0.0849	-	7470A	PPB	22 Nov 2024 09:27:54	U	SMPL
CCV32 - 1	CCV32	18814	5.0300	-	7470A	PPB	22 Nov 2024 09:30:11	U	SMPL
CCB32 - 1	CCB32	-328	-0.0889	-	7470A	PPB	22 Nov 2024 09:32:26	U	SMPL
PB165179BS - 1	LCSW	16456	4.3994	-	7470A	PPB	22 Nov 2024 09:34:44	U	SMPL
P4916-04 - 1	TP-1-WC	-273	-0.0742	-	7470A	PPB	22 Nov 2024 09:36:59	U	SMPL
P4916-08 - 1	TP-2-WC	-92	-0.0258	-	7470A	PPB	22 Nov 2024 09:39:16	U	SMPL
P4916-12 - 1	TP-3-WC	-68	-0.0194	-	7470A	PPB	22 Nov 2024 09:41:31	U	SMPL
P4923-02 - 1	COMP-1	-74	-0.0210	-	7470A	PPB	22 Nov 2024 09:43:46	U	SMPL
P4923-03 - 1	COMP-2	-34	-0.0103	-	7470A	PPB	22 Nov 2024 09:46:03	U	SMPL
P4923-04 - 1	COMP-3	-40	-0.0119	-	7470A	PPB	22 Nov 2024 09:48:19	U	SMPL
P4923-05 - 1	COMP-4	-47	-0.0137	-	7470A	PPB	22 Nov 2024 09:50:35	U	SMPL
P4923-07 - 1	72-11991	-102	-0.0285	-	7470A	PPB	22 Nov 2024 09:52:52	U	SMPL
P4924-04 - 1	MH-4	-61	-0.0175	-	7470A	PPB	22 Nov 2024 09:55:07	U	SMPL
CCV33 - 1	CCV33	18264	4.8829	-	7470A	PPB	22 Nov 2024 09:57:22	U	SMPL
CCB33 - 1	CCB33	-265	-0.0720	-	7470A	PPB	22 Nov 2024 09:59:37	U	SMPL
P4925-04 - 1	MH-741	-73	-0.0207	-	7470A	PPB	22 Nov 2024 10:01:55	U	SMPL
P4925-08 - 1	MH-741	-72	-0.0204	-	7470A	PPB	22 Nov 2024 10:04:10	U	SMPL
P4929-02 - 1	ARS520	-42	-0.0124	-	7470A	PPB	22 Nov 2024 10:06:26	U	SMPL
P4929-02DUP - 1	ARS520DUP	-58	-0.0167	-	7470A	PPB	22 Nov 2024 10:08:41	U	SMPL
P4929-02MS - 1	ARS520MS	14375	3.8430	-	7470A	PPB	22 Nov 2024 10:10:56	U	SMPL
P4929-02MSD - 1	ARS520MSD	15387	4.1136	-	7470A	PPB	22 Nov 2024 10:13:12	U	SMPL
PB165183BL - 1	PBW	-277	-0.0753	-	7470A	PPB	22 Nov 2024 10:15:30	U	SMPL
PB165183BS - 1	LCSW	16487	4.4077	-	7470A	PPB	22 Nov 2024 10:17:49	U	SMPL
P4892-04 - 1	WB-310-SW	-129	-0.0357	-	7470A	PPB	22 Nov 2024 10:20:06	U	SMPL
P4892-04DUP - 1	WB-310-SWDUP	-10	-0.0038	-	7470A	PPB	22 Nov 2024 10:22:23	U	SMPL
CCV34 - 1	CCV34	18398	4.9188	-	7470A	PPB	22 Nov 2024 10:27:24	U	SMPL
CCB34 - 1	CCB34	-159	-0.0437	-	7470A	PPB	22 Nov 2024 10:31:07	U	SMPL
P4892-04MS - 1	WB-310-SWMS	16268	4.3492	-	7470A	PPB	22 Nov 2024 10:33:22	U	SMPL
P4892-04MSD - 1	WB-310-SWMSD	15418	4.1219	-	7470A	PPB	22 Nov 2024 10:35:37	U	SMPL
P4927-01 - 1	111424-C	332	0.0876	-	7470A	PPB	22 Nov 2024 10:37:55	U	SMPL
PB165111TB - 1	PB165111TB	138	0.0357	-	7470A	PPB	22 Nov 2024 10:42:50	U	SMPL
PB165123TB - 1	PB165123TB	-23	-0.0073	-	7470A	PPB	22 Nov 2024 10:45:06	U	SMPL
CCV35 - 1	CCV35	20177	5.3945	-	7470A	PPB	22 Nov 2024 10:47:21	U	SMPL
CCB35 - 1	CCB35	-235	-0.0640	-	7470A	PPB	22 Nov 2024 10:52:20	U	SMPL
P4921-01LX5 - 1		-62	-0.0178	-	7470A	PPB	22 Nov 2024 10:54:36	U	SMPL
P4921-01A - 1		16106	4.3059	-	7470A	PPB	22 Nov 2024 10:56:53	U	SMPL
P4929-02LX5 - 1		-202	-0.0552	-	7470A	PPB	22 Nov 2024 10:59:08	U	SMPL
P4929-02A - 1		14842	3.9678	-	7470A	PPB	22 Nov 2024 11:01:25	U	SMPL
P4892-04LX5 - 1		-230	-0.0627	-	7470A	PPB	22 Nov 2024 11:03:41	U	SMPL
P4892-04A - 1		16074	4.2973	-	7470A	PPB	22 Nov 2024 11:05:58	U	SMPL
CCV36 - 1	CCV36	19861	5.3100	-	7470A	PPB	22 Nov 2024 11:17:06	U	SMPL
CCB36 - 1	CCB36	-335	-0.0908	-	7470A	PPB	22 Nov 2024 11:19:21	U	SMPL

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/20/2024 Time : 11:15 Temp : 95 °C

End Digest Date: 11/20/2024 Time : 14:25 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: 

Supervisor Signature: 

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6000
LFS-2	0.25	M6009
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6120
1:1 HCL	5.00	MP83105
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #1 CELL#50 Temp : 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/24 14:45	JGP Met dig Preparation Group	 Met Lab Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P4916-04	TP-1-WC	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	33
P4916-08	TP-2-WC	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	34
P4916-12	TP-3-WC	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	35
P4921-01	WC-11-A-202411	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	36
P4923-02	COMP-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	37
P4923-03	COMP-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	38
P4923-04	COMP-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	39
P4923-05	COMP-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	40
P4923-07	72-11991	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	41
P4924-04	MH-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	42
P4925-04	MH-741	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	43
P4925-08	MH-741	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	44
P4929-02	ARS520	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	45
P4929-02MS	ARS520MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	47
P4929-02MSD	ARS520MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	48
P4929-02DUP	ARS520DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	46
PB165111TB	PB165111TB	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	49
PB165123TB	PB165123TB	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	51
PB165142BL	PBW142	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	52
PB165142BS	LCS142	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	53

TCLP EXTRACTION LOGPAGE

PB165123

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4921-01	WC-11-A-202411	N/A	N/A	N/A	N/A	N/A	N/A	7.0	1.5	N/A
PB165123TB	LEB123	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.0	N/A

TCLP EXTRACTION LOGPAGE

PB165111

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4916-04	TP-1-WC	01	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
P4916-08	TP-2-WC	02	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4916-12	TP-3-WC	03	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
P4923-02	COMP-1	04	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4923-03	COMP-2	05	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4923-04	COMP-3	06	100.02	2000	N/A	N/A	N/A	6.2	1.0	T-1
P4923-05	COMP-4	07	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4923-07	72-11991	08	100.04	2000	N/A	N/A	N/A	8.6	1.0	T-1
P4924-04	MH-4	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
P4925-04	MH-741	10	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
P4925-08	MH-741	11	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-2
P4929-02	ARS520	12	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-2
PB165111TB	LEB111	13	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133568

Review By	kareem	Review On	11/26/2024 12:34:13 PM
Supervise By	Jaswal	Supervise On	11/26/2024 12:35:14 PM
STD. NAME	STD REF.#		
ICAL Standard	mp83078 mp83079 mp83080 mp83081 mp83082 mp83084		
ICV Standard	mp83085		
CCV Standard	mp83088		
ICSA Standard	mp83086 mp83087		
CRI Standard	mp83084		
LCS Standard			
Chk Standard	mp83091 mp83092		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/21/24 11:49		Kareem	OK
2	S1	S1	CAL2	11/21/24 11:54		Kareem	OK
3	S2	S2	CAL3	11/21/24 11:58		Kareem	OK
4	S3	S3	CAL4	11/21/24 12:02		Kareem	OK
5	S4	S4	CAL5	11/21/24 12:06		Kareem	OK
6	S5	S5	CAL6	11/21/24 12:11		Kareem	OK
7	ICV01	ICV01	ICV	11/21/24 12:15		Kareem	OK
8	LLICV01	LLICV01	LLICV	11/21/24 12:36		Kareem	OK
9	ICB01	ICB01	ICB	11/21/24 12:40		Kareem	OK
10	CRI01	CRI01	CRDL	11/21/24 12:45		Kareem	OK
11	ICSA01	ICSA01	ICSA	11/21/24 12:49		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	11/21/24 12:58		Kareem	OK
13	CCV01	CCV01	CCV	11/21/24 14:02		Kareem	OK
14	CCB01	CCB01	CCB	11/21/24 14:06		Kareem	OK
15	P4910-01	MH-COTTAGE	SAM	11/21/24 14:11		Kareem	OK
16	P4910-05	MH-759	SAM	11/21/24 14:15		Kareem	OK
17	P4910-05DUP	MH-759DUP	DUP	11/21/24 14:19		Kareem	OK
18	P4910-05L	MH-759L	SD	11/21/24 14:24		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133568

Review By	kareem	Review On	11/26/2024 12:34:13 PM
Supervise By	Jaswal	Supervise On	11/26/2024 12:35:14 PM

STD. NAME	STD REF.#
ICAL Standard	mp83078 mp83079 mp83080 mp83081 mp83082 mp83084
ICV Standard	mp83085
CCV Standard	mp83088
ICSA Standard	mp83086 mp83087
CRI Standard	mp83084
LCS Standard	
Chk Standard	mp83091 mp83092

19	P4910-05MS	MH-759MS	MS	11/21/24 14:28	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
20	P4910-05MSD	MH-759MSD	MSD	11/21/24 14:32	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
21	P4910-05A	MH-759A	PS	11/21/24 14:37	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
22	P4916-01	TP-1-WC	SAM	11/21/24 14:41		Kareem	OK
23	P4916-05	TP-2-WC	SAM	11/21/24 14:45		Kareem	OK
24	P4916-09	TP-3-WC	SAM	11/21/24 14:49		Kareem	OK
25	CCV02	CCV02	CCV	11/21/24 15:02		Kareem	OK
26	CCB02	CCB02	CCB	11/21/24 15:13		Kareem	OK
27	P4923-06	72-11991	SAM	11/21/24 15:17	Ca high	Kareem	Dilution
28	P4924-01	MH-4	SAM	11/21/24 15:22		Kareem	OK
29	P4925-01	MH-741	SAM	11/21/24 15:26		Kareem	OK
30	P4925-05	MH-758	SAM	11/21/24 15:30		Kareem	OK
31	P4929-01	ARS520	SAM	11/21/24 15:34		Kareem	OK
32	PB165130BL	PB165130BL	MB	11/21/24 15:38		Kareem	OK
33	PB165130BS	PB165130BS	LCS	11/21/24 15:42	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
34	P4916-04	TP-1-WC	SAM	11/21/24 15:46		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133568

Review By	kareem	Review On	11/26/2024 12:34:13 PM
Supervise By	Jaswal	Supervise On	11/26/2024 12:35:14 PM
STD. NAME	STD REF.#		
ICAL Standard	mp83078 mp83079 mp83080 mp83081 mp83082 mp83084		
ICV Standard	mp83085		
CCV Standard	mp83088		
ICSA Standard	mp83086 mp83087		
CRI Standard	mp83084		
LCS Standard			
Chk Standard	mp83091 mp83092		

35	P4916-08	TP-2-WC	SAM	11/21/24 15:51		Kareem	OK
36	P4916-12	TP-3-WC	SAM	11/21/24 15:55		Kareem	OK
37	CCV03	CCV03	CCV	11/21/24 16:00		Kareem	OK
38	CCB03	CCB03	CCB	11/21/24 16:04		Kareem	OK
39	P4923-02	COMP-1	SAM	11/21/24 16:08		Kareem	OK
40	P4923-03	COMP-2	SAM	11/21/24 16:13		Kareem	OK
41	P4923-04	COMP-3	SAM	11/21/24 16:17		Kareem	OK
42	P4923-05	COMP-4	SAM	11/21/24 16:22		Kareem	OK
43	P4923-07	72-11991	SAM	11/21/24 16:26		Kareem	OK
44	P4924-04	MH-4	SAM	11/21/24 16:30		Kareem	OK
45	P4925-04	MH-741	SAM	11/21/24 16:35		Kareem	OK
46	P4925-08	MH-741	SAM	11/21/24 16:39		Kareem	OK
47	P4929-02	ARS520	SAM	11/21/24 16:44		Kareem	OK
48	P4929-02DUP	ARS520DUP	DUP	11/21/24 16:48		Kareem	OK
49	CCV04	CCV04	CCV	11/21/24 16:53		Kareem	OK
50	CCB04	CCB04	CCB	11/21/24 16:57		Kareem	OK
51	P4929-02L	ARS520L	SD	11/21/24 17:01		Kareem	OK
52	P4929-02MS	ARS520MS	MS	11/21/24 17:05	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133568

Review By	kareem	Review On	11/26/2024 12:34:13 PM
Supervise By	Jaswal	Supervise On	11/26/2024 12:35:14 PM

STD. NAME	STD REF.#
ICAL Standard	mp83078 mp83079 mp83080 mp83081 mp83082 mp83084
ICV Standard	mp83085
CCV Standard	mp83088
ICSA Standard	mp83086 mp83087
CRI Standard	mp83084
LCS Standard	
Chk Standard	mp83091 mp83092

53	P4929-02MSD	ARS520MSD	MSD	11/21/24 17:10	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
54	P4929-02A	ARS520A	PS	11/21/24 17:14	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
55	P4921-01	WC-11-A-202411	SAM	11/21/24 17:18		Kareem	OK
56	PB165111TB	PB165111TB	MB	11/21/24 17:22		Kareem	OK
57	PB165123TB	PB165123TB	MB	11/21/24 17:27		Kareem	OK
58	PB165142BL	PB165142BL	MB	11/21/24 17:31		Kareem	OK
59	PB165142BS	PB165142BS	LCS	11/21/24 17:35	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
60	CCV05	CCV05	CCV	11/21/24 17:40		Kareem	OK
61	CCB05	CCB05	CCB	11/21/24 17:44		Kareem	OK
62	P4923-06DL	72-11991DL	SAM	11/21/24 17:48	2x for Ca	Kareem	Confirms
63	PB165138BL	PB165138BL	MB	11/21/24 17:52		Kareem	OK
64	PB165138BS	PB165138BS	LCS	11/21/24 17:57	0.1ML OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
65	LR1	LR1	HIGH STD	11/21/24 18:00		Kareem	OK
66	LR2	LR2	HIGH STD	11/21/24 18:05		Kareem	OK
67	CCV06	CCV06	CCV	11/21/24 18:09		Kareem	OK
68	CCB06	CCB06	CCB	11/21/24 18:14		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133568

Review By	kareem	Review On	11/26/2024 12:34:13 PM
Supervise By	Jaswal	Supervise On	11/26/2024 12:35:14 PM

STD. NAME	STD REF.#
ICAL Standard	mp83078 mp83079 mp83080 mp83081 mp83082 mp83084
ICV Standard	mp83085
CCV Standard	mp83088
ICSA Standard	mp83086 mp83087
CRI Standard	mp83084
LCS Standard	
Chk Standard	mp83091 mp83092

69	P4927-01DL	111424-CDL	SAM	11/21/24 18:18	Straight 10x Dilution for all elements	Kareem	OK
70	P4927-01DUPDL	111424-CDUPDL	DUP	11/21/24 18:22	Straight 10x Dilution for all elements	Kareem	OK
71	P4927-01LDL	111424-CLDL	SD	11/21/24 18:27	Straight 50x Dilution for all elements	Kareem	OK
72	P4927-01MSDL	111424-CMSDL	MS	11/21/24 18:31	Straight 10x Dilution for all elements	Kareem	OK
73	P4927-01MSDDL	111424-CMSDDL	MSD	11/21/24 18:35	Straight 10x Dilution for all elements	Kareem	OK
74	P4927-01ADL	111424-CADL	PS	11/21/24 18:39	Straight 10x Dilution for all elements	Kareem	OK
75	CCV07	CCV07	CCV	11/21/24 18:44		Kareem	OK
76	CCB07	CCB07	CCB	11/21/24 18:48		Kareem	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133570

Review By	jaswal	Review On	11/22/2024 9:51:29 PM
Supervise By	mohan	Supervise On	11/22/2024 9:53:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP83330,MP83331,MP83332,MP83333,MP83334,MP83335
ICV Standard	MP83336
CCV Standard	MP83338
ICSA Standard	
CRI Standard	MP83340
LCS Standard	
Chk Standard	MP83337,MP83339,MP83341,MP83345

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/22/24 08:29		Mohan	OK
2	S0.2	S0.2	CAL2	11/22/24 08:31		Mohan	OK
3	S2.5	S2.5	CAL3	11/22/24 08:34		Mohan	OK
4	S5	S5	CAL4	11/22/24 08:36		Mohan	OK
5	S7.5	S7.5	CAL5	11/22/24 08:38		Mohan	OK
6	S10	S10	CAL6	11/22/24 08:47		Mohan	OK
7	ICV97	ICV97	ICV	11/22/24 08:52		Mohan	OK
8	ICB97	ICB97	ICB	11/22/24 08:55		Mohan	OK
9	CCV31	CCV31	CCV	11/22/24 08:57		Mohan	OK
10	CCB31	CCB31	CCB	11/22/24 08:59		Mohan	OK
11	CRA	CRA	CRDL	11/22/24 09:02		Mohan	OK
12	HighStd	HighStd	HIGH STD	11/22/24 09:04		Mohan	OK
13	ChkStd	ChkStd	SAM	11/22/24 09:09		Mohan	OK
14	PB165143BL	PB165143BL	MB	11/22/24 09:14		Mohan	OK
15	PB165143BS	PB165143BS	LCS	11/22/24 09:16		Mohan	OK
16	P4921-01	WC-11-A-202411	SAM	11/22/24 09:18		Mohan	OK
17	P4921-01DUP	WC-11-A-202411DUP	DUP	11/22/24 09:21		Mohan	OK
18	P4921-01MS	WC-11-A-202411MS	MS	11/22/24 09:23		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133570

Review By	jaswal	Review On	11/22/2024 9:51:29 PM
Supervise By	mohan	Supervise On	11/22/2024 9:53:15 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83330,MP83331,MP83332,MP83333,MP83334,MP83335		
ICV Standard	MP83336		
CCV Standard	MP83338		
ICSA Standard			
CRI Standard	MP83340		
LCS Standard			
Chk Standard	MP83337,MP83339,MP83341,MP83345		

19	P4921-01MSD	WC-11-A-202411MSD	MSD	11/22/24 09:25		Mohan	OK
20	PB165179BL	PB165179BL	MB	11/22/24 09:27		Mohan	OK
21	CCV32	CCV32	CCV	11/22/24 09:30		Mohan	OK
22	CCB32	CCB32	CCB	11/22/24 09:32		Mohan	OK
23	PB165179BS	PB165179BS	LCS	11/22/24 09:34		Mohan	OK
24	P4916-04	TP-1-WC	SAM	11/22/24 09:36		Mohan	OK
25	P4916-08	TP-2-WC	SAM	11/22/24 09:39		Mohan	OK
26	P4916-12	TP-3-WC	SAM	11/22/24 09:41		Mohan	OK
27	P4923-02	COMP-1	SAM	11/22/24 09:43		Mohan	OK
28	P4923-03	COMP-2	SAM	11/22/24 09:46		Mohan	OK
29	P4923-04	COMP-3	SAM	11/22/24 09:48		Mohan	OK
30	P4923-05	COMP-4	SAM	11/22/24 09:50		Mohan	OK
31	P4923-07	72-11991	SAM	11/22/24 09:52		Mohan	OK
32	P4924-04	MH-4	SAM	11/22/24 09:55		Mohan	OK
33	CCV33	CCV33	CCV	11/22/24 09:57		Mohan	OK
34	CCB33	CCB33	CCB	11/22/24 09:59		Mohan	OK
35	P4925-04	MH-741	SAM	11/22/24 10:01		Mohan	OK
36	P4925-08	MH-741	SAM	11/22/24 10:04		Mohan	OK
37	P4929-02	ARS520	SAM	11/22/24 10:06		Mohan	OK
38	P4929-02DUP	ARS520DUP	DUP	11/22/24 10:08		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133570

Review By	jaswal	Review On	11/22/2024 9:51:29 PM
Supervise By	mohan	Supervise On	11/22/2024 9:53:15 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83330,MP83331,MP83332,MP83333,MP83334,MP83335		
ICV Standard	MP83336		
CCV Standard	MP83338		
ICSA Standard			
CRI Standard	MP83340		
LCS Standard			
Chk Standard	MP83337,MP83339,MP83341,MP83345		

39	P4929-02MS	ARS520MS	MS	11/22/24 10:10		Mohan	OK
40	P4929-02MSD	ARS520MSD	MSD	11/22/24 10:13		Mohan	OK
41	PB165183BL	PB165183BL	MB	11/22/24 10:15		Mohan	OK
42	PB165183BS	PB165183BS	LCS	11/22/24 10:17		Mohan	OK
43	P4892-04	WB-310-SW	SAM	11/22/24 10:20		Mohan	OK
44	P4892-04DUP	WB-310-SWDUP	DUP	11/22/24 10:22		Mohan	OK
45	CCV34	CCV34	CCV	11/22/24 10:27		Mohan	OK
46	CCB34	CCB34	CCB	11/22/24 10:31		Mohan	OK
47	P4892-04MS	WB-310-SWMS	MS	11/22/24 10:33		Mohan	OK
48	P4892-04MSD	WB-310-SWMSD	MSD	11/22/24 10:35		Mohan	OK
49	P4927-01	111424-C	SAM	11/22/24 10:37		Mohan	OK
50	PB165179TB	PB165179TB	MB	11/22/24 10:42		Mohan	OK
51	PB165123TB	PB165123TB	MB	11/22/24 10:45		Mohan	OK
52	CCV35	CCV35	CCV	11/22/24 10:47		Mohan	OK
53	CCB35	CCB35	CCB	11/22/24 10:52		Mohan	OK
54	P4921-01L	WC-11-A-202411L	SD	11/22/24 10:54		Mohan	OK
55	P4921-01A	WC-11-A-202411A	PS	11/22/24 10:56		Mohan	OK
56	P4929-02L	ARS520L	SD	11/22/24 10:59		Mohan	OK
57	P4929-02A	ARS520A	PS	11/22/24 11:01		Mohan	OK
58	P4892-04L	WB-310-SWL	SD	11/22/24 11:03		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133570

Review By	jaswal	Review On	11/22/2024 9:51:29 PM
Supervise By	mohan	Supervise On	11/22/2024 9:53:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP83330,MP83331,MP83332,MP83333,MP83334,MP83335
ICV Standard	MP83336
CCV Standard	MP83338
ICSA Standard	
CRI Standard	MP83340
LCS Standard	
Chk Standard	MP83337,MP83339,MP83341,MP83345

59	P4892-04A	WB-310-SWA	PS	11/22/24 11:05		Mohan	OK
60	CCV36	CCV36	CCV	11/22/24 11:17		Mohan	OK
61	CCB36	CCB36	CCB	11/22/24 11:19		Mohan	OK

SOP ID : M1311-TCLP-15
SDG No : N/A
Weigh By : N/A
Balance ID : N/A
pH Meter ID : WC PH METER-1
Extraction By : N/A
Filter By : JP
Pipette ID : N/A
Tumbler ID : N/A
TCLP Filter ID : 114771

Start Prep Date : N/A Time : N/A
End Prep Date : N/A Time : N/A
Combination Ratio : N/A
ZHE Cleaning Batch : N/A
Initial Room Temperature: N/A
Final Room Temperature: N/A
TCLP Technician Signature : *JP*
Supervisor By : *12*

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	N/A	MP83122

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. p4921-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/22 11:00	<i>JP</i> / TCLP Room	<i>JP</i> / 104014
	Preparation Group	Analysis Group / EXT

TCLP EXTRACTION LOGPAGE

PB165123

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4921-01	WC-11-A-202411	N/A	N/A	N/A	N/A	N/A	N/A	7.0	1.5	N/A
PB165123TB	LEB123	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4921-01	WC-11-A-202411	N/A	N/A	N/A	N/A	<0.5	N/A
PB165123TB	LEB123	N/A	N/A	N/A	N/A	N/A	N/A



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM

ADDRESS: 605 3rd Ave

CITY: New York STATE: NY ZIP: 10158

ATTENTION: Amit Haryani

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Meeker Ave Superfund

PROJECT NO.: 60705866 LOCATION: Brooklyn

PROJECT MANAGER: Amit Haryani

e-mail: amit.haryani@aecom.com

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY:

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 3 day DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
☐ + Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. TCLP VOA
 2. TCLP BNA PCB
 3. TCLP PCBs
 4. TCLP Metals
 5. Lead, Cadmium
 6. Rock. Cyanide
 7. pH
 8. Flash Point
 9. 20:1 Filter

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC-11-A-202411	GW	X		11/19/24	0700	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1.	11/19/24	1.	2.4°C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.	11-14-24	3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete

☐ YES ☐ NO



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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

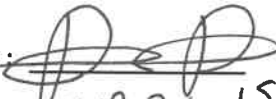
LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4921	AE CO02	Order Date : 11/19/2024 12:44:00 PM	Project Mgr :
Client Name : AECOM		Project Name : Meeker Ave Plumes Superfi	Report Type : Results+QC
Client Contact : Amit Haryani		Receive DateTime : 11/19/2024 12:00:00 AM	EDD Type : Excel NY
Invoice Name : AECOM		Purchase Order : 14:50	Hard Copy Date :
Invoice Contact : Amit Haryani			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4921-01	WC-11-A-202411	Water	11/19/2024	07:00	TCLP VOA		8260D		3 Bus. Days

Relinquished By :

Date / Time :


11-19-24 1530

Received By :

Date / Time :


11-19-24 1530

Storage Area : VOA Refridgerator Room