

Cover Page

Order ID : Q1066

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number

Q1066-01

Q1066-02

Client Sample Number

EFF-WASTE WATER

EFF-WASTE WATER

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: 1/17/2025

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 #: Q1066

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: MAYUR DESAI

Date: 01/17/2025

LAB CHRONICLE

OrderID: Q1066
Client: Ardmore Chemical
Contact: Michael Sharphouse

OrderDate: 1/10/2025 12:15:00 PM
Project: PVSC Monthly-2025
Location: M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1066-02	EFF-WASTE WATER	Water			01/10/25			01/10/25
			Mercury	245.1		01/27/25	01/27/25	
			Metals ICP-Group	200.7		01/13/25	01/20/25	



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Hit Summary Sheet
SW-846

SDG No.: Q1066
Client: Ardmore Chemical

Order ID: Q1066
Project ID: PVSC Monthly-2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WASTE WATER								
Q1066-02	EFF-WASTE WATER	Water	Copper	35.2		1.52	10.0	ug/L
Q1066-02	EFF-WASTE WATER	Water	Zinc	137		1.44	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	01/10/25
Project:	PVSC Monthly-2025	Date Received:	01/10/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1066
Lab Sample ID:	Q1066-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.21	U	1	0.21	3.00	ug/L	01/13/25 10:30	01/20/25 17:20	EPA 200.7	
7440-50-8	Copper	35.2		1	1.52	10.0	ug/L	01/13/25 10:30	01/20/25 17:20	EPA 200.7	
7439-92-1	Lead	1.57	U	1	1.57	6.00	ug/L	01/13/25 10:30	01/20/25 17:20	EPA 200.7	
7439-97-6	Mercury	0.022	U	1	0.022	0.20	ug/L	01/27/25 08:00	01/27/25 14:57	E245.1	
7440-02-0	Nickel	1.28	U	1	1.28	20.0	ug/L	01/13/25 10:30	01/20/25 17:20	EPA 200.7	
7440-66-6	Zinc	137		1	1.44	20.0	ug/L	01/13/25 10:30	01/20/25 17:20	EPA 200.7	

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group2			

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: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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
ICV69	Mercury	4.00	4.0	100	95 - 105	CV	01/27/2025	14:37	LB134431

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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
CCV71	Mercury	5.15	5.0	103	90 - 110	CV	01/27/2025	14:41	LB134431
CCV72	Mercury	5.10	5.0	102	90 - 110	CV	01/27/2025	15:09	LB134431
CCV73	Mercury	5.08	5.0	102	90 - 110	CV	01/27/2025	15:36	LB134431

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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	Cadmium	501	510	98	95 - 105	P	01/20/2025	10:47	LB134350
	Copper	519	510	102	95 - 105	P	01/20/2025	10:47	LB134350
	Lead	1000	1000	100	95 - 105	P	01/20/2025	10:47	LB134350
	Nickel	507	530	96	95 - 105	P	01/20/2025	10:47	LB134350
	Zinc	1010	1000	101	95 - 105	P	01/20/2025	10:47	LB134350

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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	Cadmium	5.90	6.0	98	80 - 120	P	01/20/2025	10:53	LB134350
	Copper	22.4	20.0	112	80 - 120	P	01/20/2025	10:53	LB134350
	Lead	12.5	12.0	104	80 - 120	P	01/20/2025	10:53	LB134350
	Nickel	39.2	40.0	98	80 - 120	P	01/20/2025	10:53	LB134350
	Zinc	43.5	40.0	109	80 - 120	P	01/20/2025	10:53	LB134350

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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	Cadmium	2430	2500	97	90 - 110	P	01/20/2025	11:31	LB134350
	Copper	1240	1250	99	90 - 110	P	01/20/2025	11:31	LB134350
	Lead	4860	5000	97	90 - 110	P	01/20/2025	11:31	LB134350
	Nickel	2430	2500	97	90 - 110	P	01/20/2025	11:31	LB134350
	Zinc	2480	2500	99	90 - 110	P	01/20/2025	11:31	LB134350
CCV02	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	12:29	LB134350
	Copper	1230	1250	98	90 - 110	P	01/20/2025	12:29	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	12:29	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	12:29	LB134350
	Zinc	2470	2500	99	90 - 110	P	01/20/2025	12:29	LB134350
CCV03	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
	Copper	1230	1250	98	90 - 110	P	01/20/2025	13:35	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	13:35	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
	Zinc	2410	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
CCV04	Cadmium	2410	2500	96	90 - 110	P	01/20/2025	14:38	LB134350
	Copper	1230	1250	99	90 - 110	P	01/20/2025	14:38	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	14:38	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	14:38	LB134350
	Zinc	2470	2500	99	90 - 110	P	01/20/2025	14:38	LB134350
CCV05	Cadmium	2420	2500	97	90 - 110	P	01/20/2025	15:37	LB134350
	Copper	1240	1250	100	90 - 110	P	01/20/2025	15:37	LB134350
	Lead	4820	5000	96	90 - 110	P	01/20/2025	15:37	LB134350
	Nickel	2420	2500	97	90 - 110	P	01/20/2025	15:37	LB134350
	Zinc	2490	2500	100	90 - 110	P	01/20/2025	15:37	LB134350
CCV06	Cadmium	2360	2500	94	90 - 110	P	01/20/2025	16:47	LB134350
	Copper	1210	1250	97	90 - 110	P	01/20/2025	16:47	LB134350
	Lead	4710	5000	94	90 - 110	P	01/20/2025	16:47	LB134350
	Nickel	2360	2500	94	90 - 110	P	01/20/2025	16:47	LB134350
	Zinc	2410	2500	96	90 - 110	P	01/20/2025	16:47	LB134350
CCV07	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	17:33	LB134350
	Copper	1220	1250	98	90 - 110	P	01/20/2025	17:33	LB134350
	Lead	4780	5000	96	90 - 110	P	01/20/2025	17:33	LB134350
	Nickel	2390	2500	96	90 - 110	P	01/20/2025	17:33	LB134350

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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
CCV07	Zinc	2450	2500	98	90 - 110	P	01/20/2025	17:33	LB134350
CCV08	Cadmium	2370	2500	95	90 - 110	P	01/20/2025	17:52	LB134350
	Copper	1220	1250	98	90 - 110	P	01/20/2025	17:52	LB134350
	Lead	4730	5000	94	90 - 110	P	01/20/2025	17:52	LB134350
	Nickel	2370	2500	95	90 - 110	P	01/20/2025	17:52	LB134350
	Zinc	2380	2500	95	90 - 110	P	01/20/2025	17:52	LB134350



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Metals

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CRDL STANDARD FOR AA & ICP

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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	Cadmium	6.15	6.0	102	40 - 160	P	01/20/2025	11:06	LB134350
	Copper	22.4	20.0	112	40 - 160	P	01/20/2025	11:06	LB134350
	Lead	12.2	12.0	102	40 - 160	P	01/20/2025	11:06	LB134350
	Nickel	40.3	40.0	101	40 - 160	P	01/20/2025	11:06	LB134350
	Zinc	43.0	40.0	108	40 - 160	P	01/20/2025	11:06	LB134350
CRA	Mercury	0.044	0.05	88	40 - 160	CV	01/27/2025	15:27	LB134431



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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Ardmore Chemical				SDG No.:	Q1066				
Contract:	ARDM01	Lab Code:	CHEM		Case No.:	Q1066	SAS No.:	Q1066		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB69	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	14:39	LB134431	

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	14:44	LB134431
CCB72	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	15:11	LB134431
CCB73	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	15:39	LB134431

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	11:01	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	11:01	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	11:01	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	11:01	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	11:01	LB134350

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Ardmore Chemical</u>		SDG No.: <u>Q1066</u>							
Contract: <u>ARDM01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1066</u>	SAS No.: <u>Q1066</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	11:36	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	11:36	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	11:36	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	11:36	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	11:36	LB134350
CCB02	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	12:33	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	12:33	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	12:33	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	12:33	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	12:33	LB134350
CCB03	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	13:39	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	13:39	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	13:39	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	13:39	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	13:39	LB134350
CCB04	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	14:43	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	14:43	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	14:43	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	14:43	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	14:43	LB134350
CCB05	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	15:41	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	15:41	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	15:41	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	15:41	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	15:41	LB134350
CCB06	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	16:50	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	16:50	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	16:50	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	16:50	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	16:50	LB134350
CCB07	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	17:37	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	17:37	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	17:37	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	17:37	LB134350
	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	17:37	LB134350
CCB08	Cadmium	6.00	+/-6.00	U	6.00	P	01/20/2025	17:56	LB134350
	Copper	20.0	+/-20.0	U	20.0	P	01/20/2025	17:56	LB134350
	Lead	12.0	+/-12.0	U	12.0	P	01/20/2025	17:56	LB134350
	Nickel	40.0	+/-40.0	U	40.0	P	01/20/2025	17:56	LB134350

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>Ardmore Chemical</u>				SDG No.:	<u>Q1066</u>			
Contract:	<u>ARDM01</u>	Lab Code:	<u>CHEM</u>		Case No.:	<u>Q1066</u>	SAS No.:	<u>Q1066</u>	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Zinc	40.0	+/-40.0	U	40.0	P	01/20/2025	17:56	LB134350

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Ardmore Chemical

SDG No.: Q1066

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166288BL		WATER		Batch Number:	PB166288		Prep Date:	01/27/2025	
	Mercury	0.20	<0.20	U	0.20	CV	01/27/2025	14:53	LB134431

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Ardmore Chemical

SDG No.: Q1066

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166036BL	WATER			Batch Number:	PB166036		Prep Date:	01/13/2025	
	Cadmium	3.00	<3.00	U	3.00	P	01/20/2025	17:25	LB134350
	Copper	10.0	<10.0	U	10.0	P	01/20/2025	17:25	LB134350
	Lead	6.00	<6.00	U	6.00	P	01/20/2025	17:25	LB134350
	Nickel	20.0	<20.0	U	20.0	P	01/20/2025	17:25	LB134350
	Zinc	20.0	<20.0	U	20.0	P	01/20/2025	17:25	LB134350

Metals
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INTERFERENCE CHECK SAMPLE

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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	Cadmium	-1.40	1.0	140	-5	7	01/20/2025	11:10	LB134350
	Copper	15.7	2.0	785	-18	22	01/20/2025	11:10	LB134350
	Lead	6.59			-12	12	01/20/2025	11:10	LB134350
	Nickel	2.76	2.0	138	-38	42	01/20/2025	11:10	LB134350
	Zinc	3.10			-40	40	01/20/2025	11:10	LB134350
ICSAB01	Cadmium	993	972	102	826	1120	01/20/2025	11:19	LB134350
	Copper	505	511	99	434	588	01/20/2025	11:19	LB134350
	Lead	56.1	49.0	114	37	61	01/20/2025	11:19	LB134350
	Nickel	990	954	104	810	1100	01/20/2025	11:19	LB134350
	Zinc	1070	952	112	809	1095	01/20/2025	11:19	LB134350
ICSA	Cadmium	-2.02	1.0	202	-5	7	01/20/2025	11:23	LB134350
	Copper	18.9	2.0	945	-18	22	01/20/2025	11:23	LB134350
	Lead	-0.48			-12	12	01/20/2025	11:23	LB134350
	Nickel	-0.70	2.0	35	-38	42	01/20/2025	11:23	LB134350
	Zinc	-9.98			-40	40	01/20/2025	11:23	LB134350
ICSAB	Cadmium	994	972	102	826	1120	01/20/2025	11:27	LB134350
	Copper	538	511	105	434	588	01/20/2025	11:27	LB134350
	Lead	29.1	49.0	59	37	61	01/20/2025	11:27	LB134350
	Nickel	989	954	104	810	1100	01/20/2025	11:27	LB134350
	Zinc	1040	952	109	809	1095	01/20/2025	11:27	LB134350



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Ardmore Chemical</u>	level: <u>low</u>	sdg no.: <u>Q1066</u>
contract: <u>ARDM01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1066</u> sas no.: <u>Q1066</u>
matrix: <u>Water</u>	sample id: <u>Q1061-10</u>	client id: <u>MW-10MS</u>
Percent Solids for Sample: NA	Spiked ID: Q1061-10MS	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	104		1.49	J	100	103		P
Copper	ug/L	75 - 125	215		65.8		150	99		P
Lead	ug/L	75 - 125	606		101		500	101		P
Nickel	ug/L	75 - 125	298		38.2		250	104		P
Zinc	ug/L	75 - 125	798		677		100	121		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** Q1066
contract: ARDM01 **lab code:** CHEM **case no.:** Q1066 **sas no.:** Q1066
matrix: Water **sample id:** Q1061-10 **client id:** MW-10MSD
Percent Solids for Sample: NA **Spiked ID:** Q1061-10MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	104		1.49	J	100	102		P
Copper	ug/L	75 - 125	214		65.8		150	99		P
Lead	ug/L	75 - 125	604		101		500	101		P
Nickel	ug/L	75 - 125	297		38.2		250	104		P
Zinc	ug/L	75 - 125	796		677		100	119		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** Q1066
contract: ARDM01 **lab code:** CHEM **case no.:** Q1066 **sas no.:** Q1066
matrix: Water **sample id:** Q1066-02 **client id:** EFF-WASTE WATERMS
Percent Solids for Sample: NA **Spiked ID:** Q1066-02MS **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	3.29		0.20	U	4.0	82		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Ardmore Chemical</u>	level:	<u>low</u>	sdg no.:	<u>Q1066</u>		
contract:	<u>ARDM01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1066</u>	sas no.:	<u>Q1066</u>
matrix:	<u>Water</u>	sample id:	<u>Q1066-02</u>	client id:	<u>EFF-WASTE WATERMSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1066-02MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.34		0.20	U	4.0	84		CV

Metals
- 5b -

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
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: Ardmore Chemical **Level:** LOW **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
Matrix: Water **Sample ID:** Q1061-10 **Client ID:** MW-10DUP
Percent Solids for Sample: NA **Duplicate ID** Q1061-10DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	1.49	J	1.57	J	5		P
Copper	ug/L	20	65.8		67.0		2		P
Lead	ug/L	20	101		102		1		P
Nickel	ug/L	20	38.2		38.7		1		P
Zinc	ug/L	20	677		677		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Ardmore Chemical **Level:** LOW **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
Matrix: Water **Sample ID:** Q1061-10MS **Client ID:** MW-10MSD
Percent Solids for Sample: NA **Duplicate ID** Q1061-10MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	104		104		0		P
Copper	ug/L	20	215		214		0		P
Lead	ug/L	20	606		604		0		P
Nickel	ug/L	20	298		297		0		P
Zinc	ug/L	20	798		796		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Ardmore Chemical **Level:** LOW **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
Matrix: Water **Sample ID:** Q1066-02 **Client ID:** EFF-WASTE WATERDUP
Percent Solids for Sample: NA **Duplicate ID** Q1066-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Ardmore Chemical **Level:** LOW **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066
Matrix: Water **Sample ID:** Q1066-02MS **Client ID:** EFF-WASTE WATERMSD
Percent Solids for Sample: NA **Duplicate ID** Q1066-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.29		3.34		2		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166036BS							
Cadmium	ug/L	100	92.5		92	85 - 115	P
Copper	ug/L	150	149		99	85 - 115	P
Lead	ug/L	500	465		93	85 - 115	P
Nickel	ug/L	250	234		94	85 - 115	P
Zinc	ug/L	100	98.7		99	85 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166288BS Mercury	ug/L	4.0	3.62		90	85 - 115	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-10L

Lab Name: Chemtech Consulting Group

Contract: ARDM01

Lab Code: CHEM **Lb No.:** lb134350 **Lab Sample ID :** Q1061-10L **SDG No.:** Q1066

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
	C		C				
Cadmium	1.49	J	1.17	J	22		P
Copper	65.8		71.1		8		P
Lead	101		101		0		P
Nickel	38.2		38.3	J	0		P
Zinc	677		697		3		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

EFF-WASTE WATERL

Lab Name: Chemtech Consulting Group

Contract: ARDM01

Lab Code: CHEM

Lb No.: lb134431

Lab Sample ID : Q1066-02L

SDG No.: Q1066

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
	C		C				
Mercury	0.20	U	1.00	U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Ardmore Chemical

SDG No.: Q1066

Contract: ARDM01

Lab Code: CHEM

Case No.: Q1066

SAS No.: Q1066

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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Method:**
Case No.: Q1066 **SAS No.:** Q1066

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166036							
PB166036BL	PB166036BL	MB	WATER	01/13/2025	50.0	25.0	
PB166036BS	PB166036BS	LCS	WATER	01/13/2025	50.0	25.0	
Q1061-10DUP	MW-10DUP	DUP	WATER	01/13/2025	50.0	25.0	
Q1061-10MS	MW-10MS	MS	WATER	01/13/2025	50.0	25.0	
Q1061-10MSD	MW-10MSD	MSD	WATER	01/13/2025	50.0	25.0	
Q1066-02	EFF-WASTE WATER	SAM	WATER	01/13/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Ardmore Chemical **SDG No.:** Q1066
Contract: ARDM01 **Lab Code:** CHEM **Method:**
Case No.: Q1066 **SAS No.:** Q1066

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166288							
PB166288BL	PB166288BL	MB	WATER	01/27/2025	30.0	30.0	
PB166288BS	PB166288BS	LCS	WATER	01/27/2025	30.0	30.0	
Q1066-02	EFF-WASTE WATER	SAM	WATER	01/27/2025	30.0	30.0	
Q1066-02DUP	EFF-WASTE WATERDUP	DUP	WATER	01/27/2025	30.0	30.0	
Q1066-02MS	EFF-WASTE WATERMS	MS	WATER	01/27/2025	30.0	30.0	
Q1066-02MSD	EFF-WASTE WATERMSD	MSD	WATER	01/27/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Ardmore Chemical **Contract:** ARDM01

Lab code: CHEM **Case no.:** Q1066 **Sas no.:** Q1066 **Sdg no.:** Q1066

Instrument id number: **Method:** **Run number:** LB134350

Start date: 01/20/2025 **End date:** 01/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1021	Cd,Cu,Ni,Pb,Zn
S1	S1	1	1026	Cd,Cu,Ni,Pb,Zn
S2	S2	1	1030	Cd,Cu,Ni,Pb,Zn
S3	S3	1	1034	Cd,Cu,Ni,Pb,Zn
S4	S4	1	1039	Cd,Cu,Ni,Pb,Zn
S5	S5	1	1043	Cd,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1047	Cd,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1053	Cd,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1101	Cd,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1106	Cd,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1110	Cd,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1119	Cd,Cu,Ni,Pb,Zn
ICSA	ICSA	20	1123	Cd,Cu,Ni,Pb,Zn
ICSAB	ICSAB	20	1127	Cd,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1131	Cd,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1136	Cd,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1229	Cd,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1233	Cd,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1335	Cd,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1339	Cd,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1438	Cd,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1443	Cd,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1537	Cd,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1541	Cd,Cu,Ni,Pb,Zn
CCV06	CCV06	1	1647	Cd,Cu,Ni,Pb,Zn
CCB06	CCB06	1	1650	Cd,Cu,Ni,Pb,Zn
Q1061-10DUP	MW-10DUP	1	1659	Cd,Cu,Ni,Pb,Zn
Q1061-10L	MW-10L	5	1703	Cd,Cu,Ni,Pb,Zn
Q1061-10MS	MW-10MS	1	1708	Cd,Cu,Ni,Pb,Zn
Q1061-10MSD	MW-10MSD	1	1712	Cd,Cu,Ni,Pb,Zn
Q1066-02	EFF-WASTE WATER	1	1720	Cd,Cu,Ni,Pb,Zn
PB166036BL	PB166036BL	1	1725	Cd,Cu,Ni,Pb,Zn
PB166036BS	PB166036BS	1	1729	Cd,Cu,Ni,Pb,Zn
CCV07	CCV07	1	1733	Cd,Cu,Ni,Pb,Zn
CCB07	CCB07	1	1737	Cd,Cu,Ni,Pb,Zn
CCV08	CCV08	1	1752	Cd,Cu,Ni,Pb,Zn
CCB08	CCB08	1	1756	Cd,Cu,Ni,Pb,Zn

metals
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ANALYSIS RUN LOG

Client: Ardmore Chemical **Contract:** ARDM01

Lab code: CHEM **Case no.:** Q1066 **Sas no.:** Q1066 **Sdg no.:** Q1066

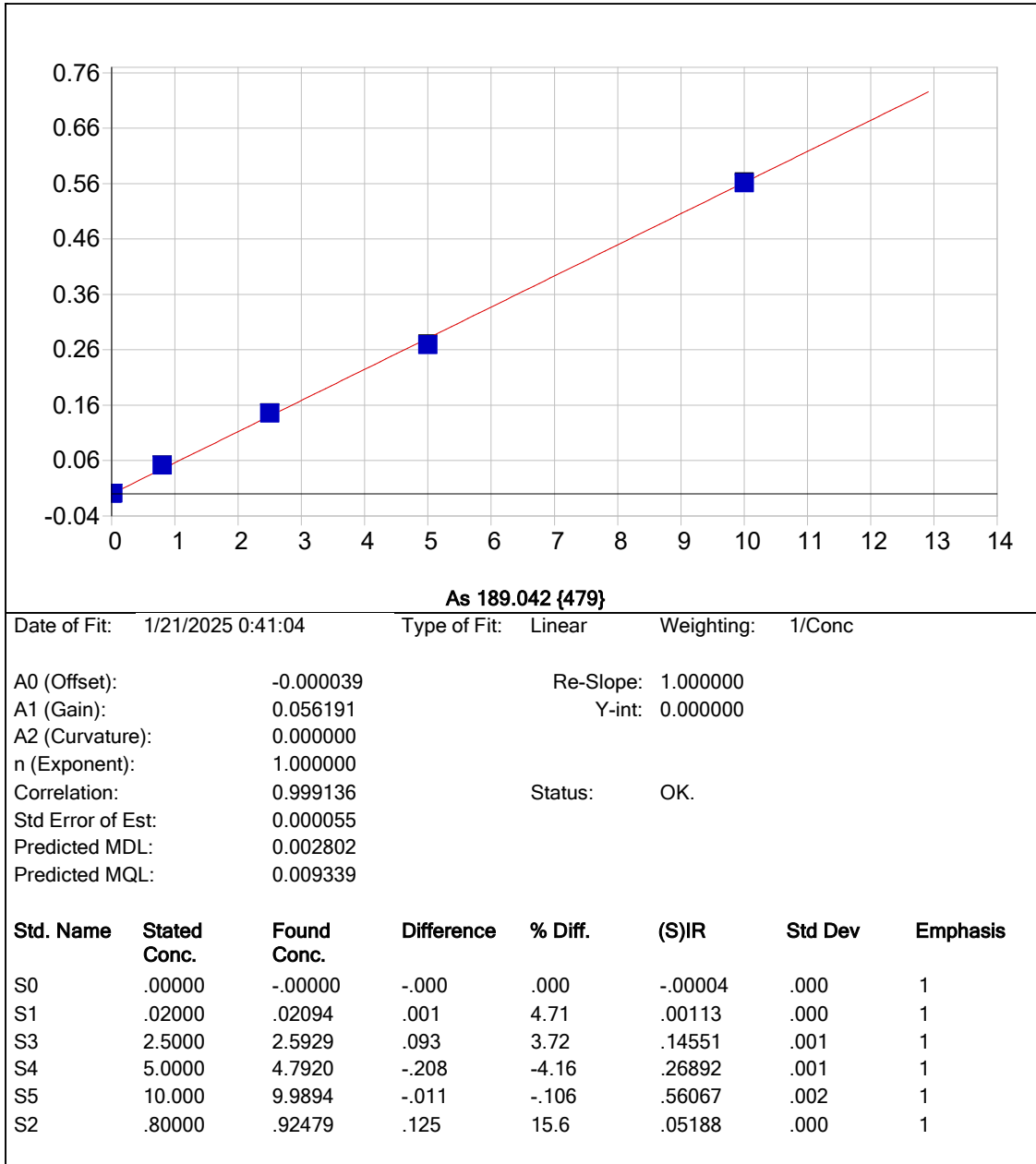
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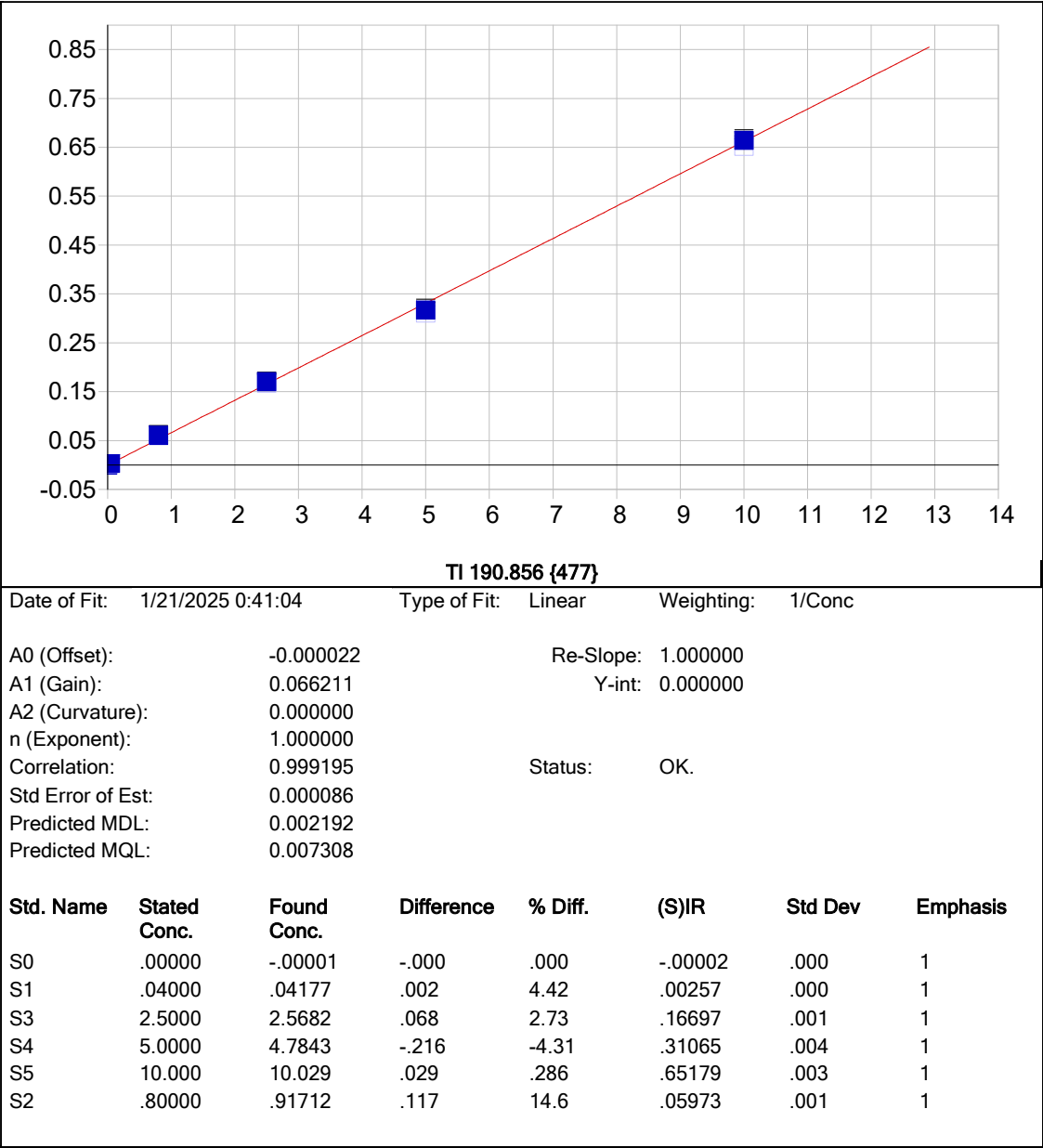
Start date: 01/27/2025 **End date:** 01/27/2025

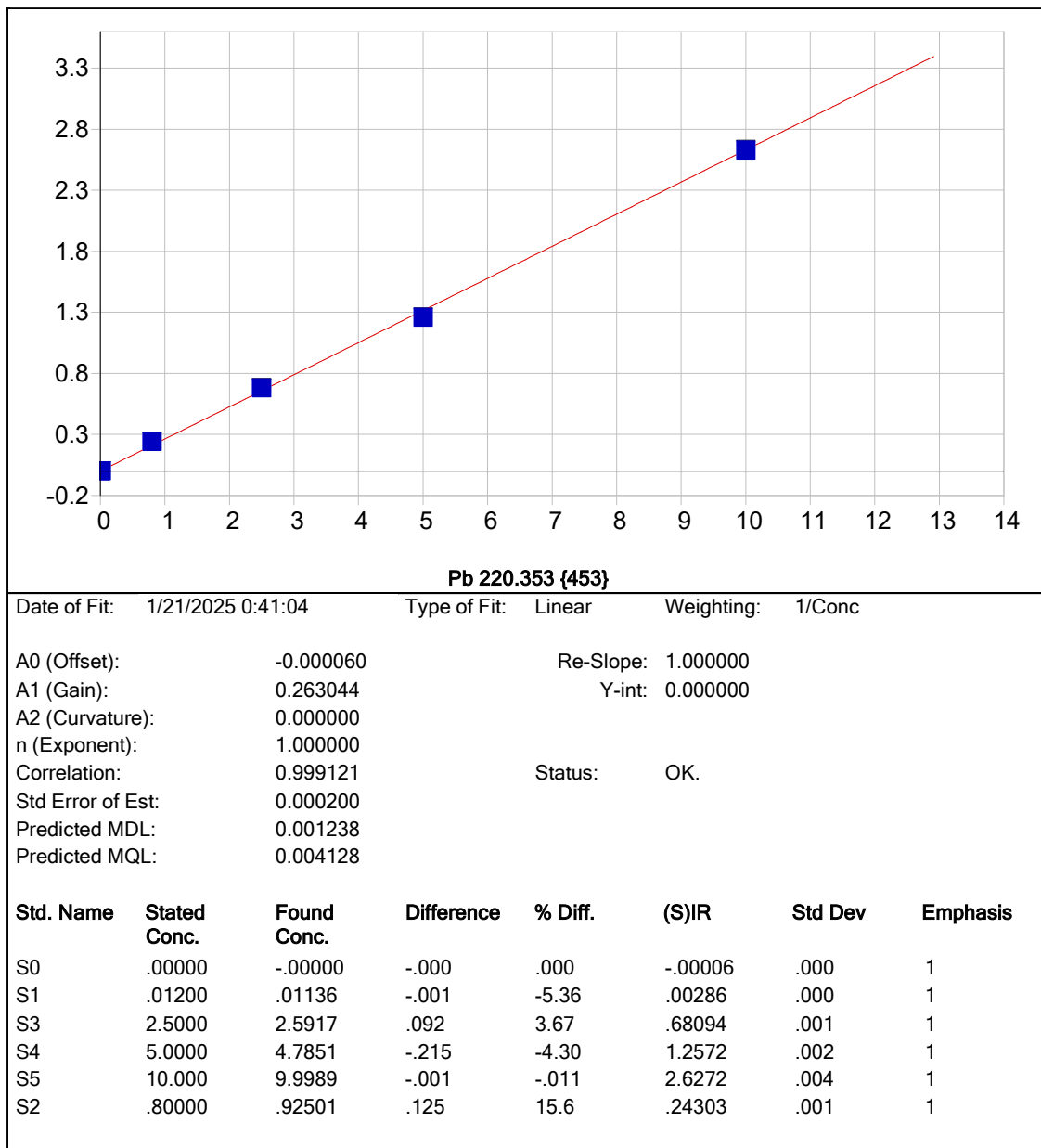
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1414	HG
S0.05	S0.05	1	1417	HG
S0.2	S0.2	1	1419	HG
S2.5	S2.5	1	1421	HG
S5	S5	1	1424	HG
S7.5	S7.5	1	1426	HG
S10	S10	1	1428	HG
ICV69	ICV69	1	1437	HG
ICB69	ICB69	1	1439	HG
CCV71	CCV71	1	1441	HG
CCB71	CCB71	1	1444	HG
PB166288BL	PB166288BL	1	1453	HG
Q1066-02	EFF-WASTE WATER	1	1457	HG
Q1066-02DUP	EFF-WASTE WATERDUP	1	1500	HG
Q1066-02MS	EFF-WASTE WATERMS	1	1505	HG
Q1066-02MSD	EFF-WASTE WATERMSD	1	1507	HG
CCV72	CCV72	1	1509	HG
CCB72	CCB72	1	1511	HG
Q1066-02L	EFF-WASTE WATERL	5	1514	HG
CRA	CRA	1	1527	HG
PB166288BS	PB166288BS	1	1532	HG
CCV73	CCV73	1	1536	HG
CCB73	CCB73	1	1539	HG

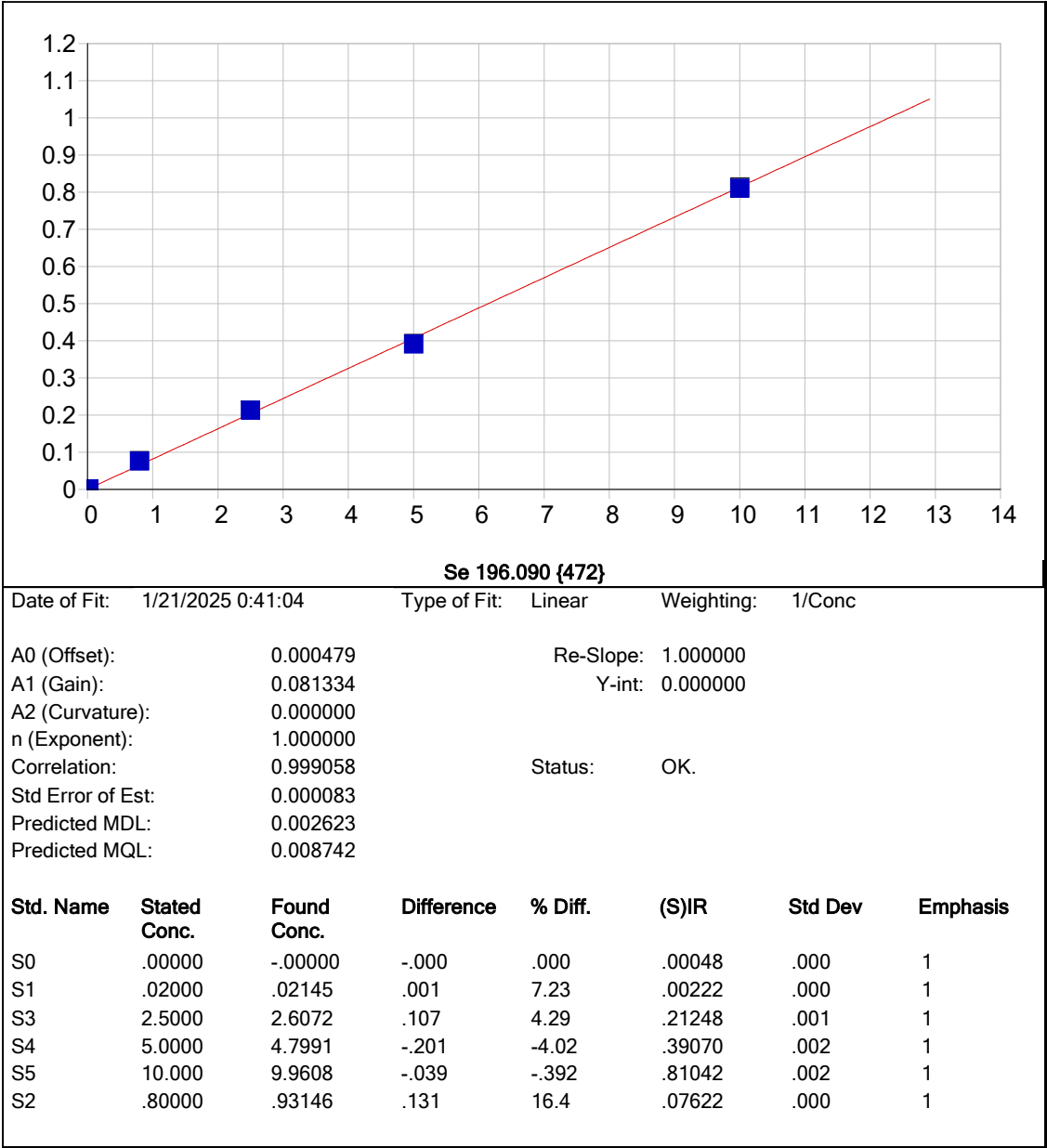


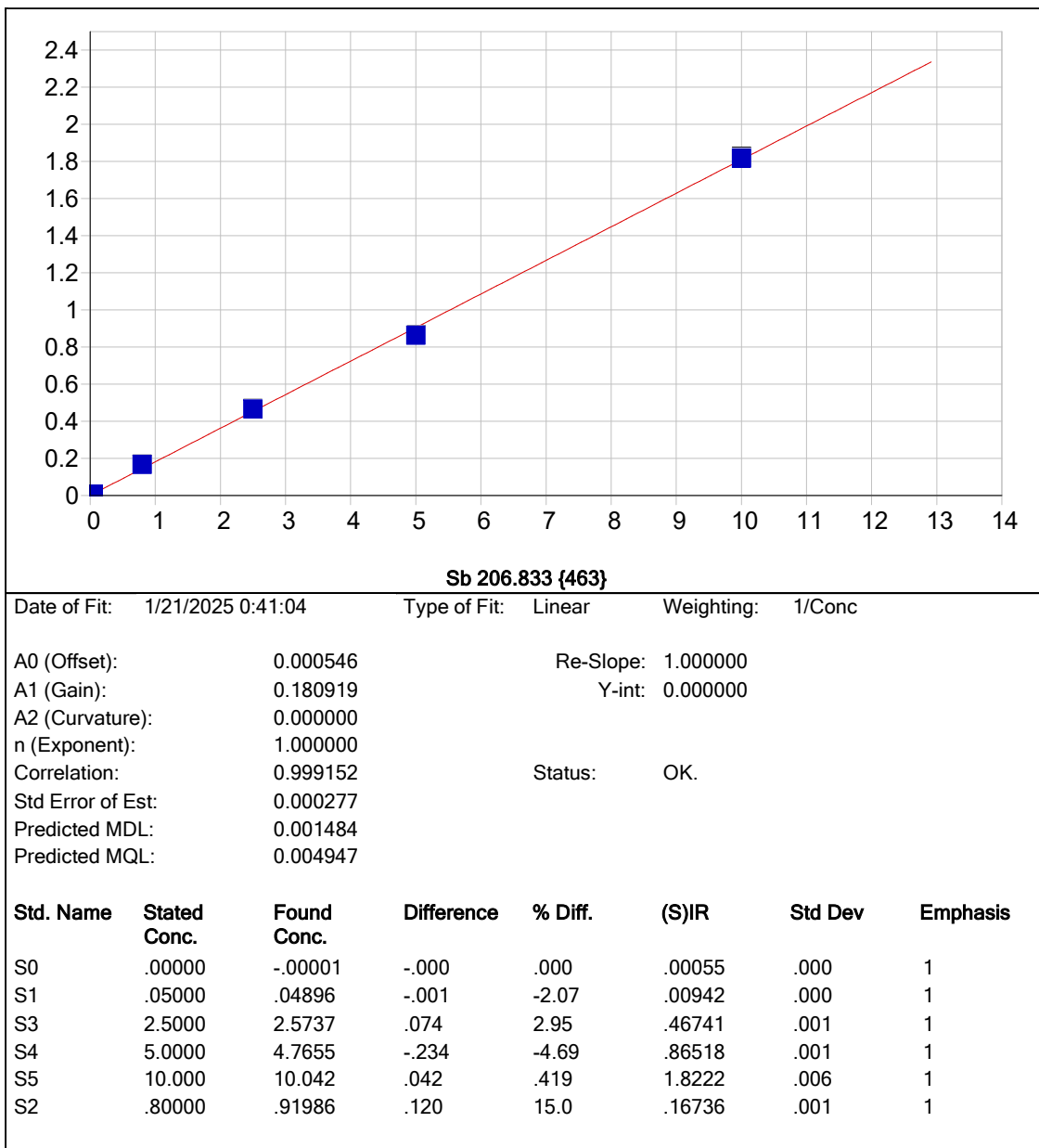
METAL RAW DATA

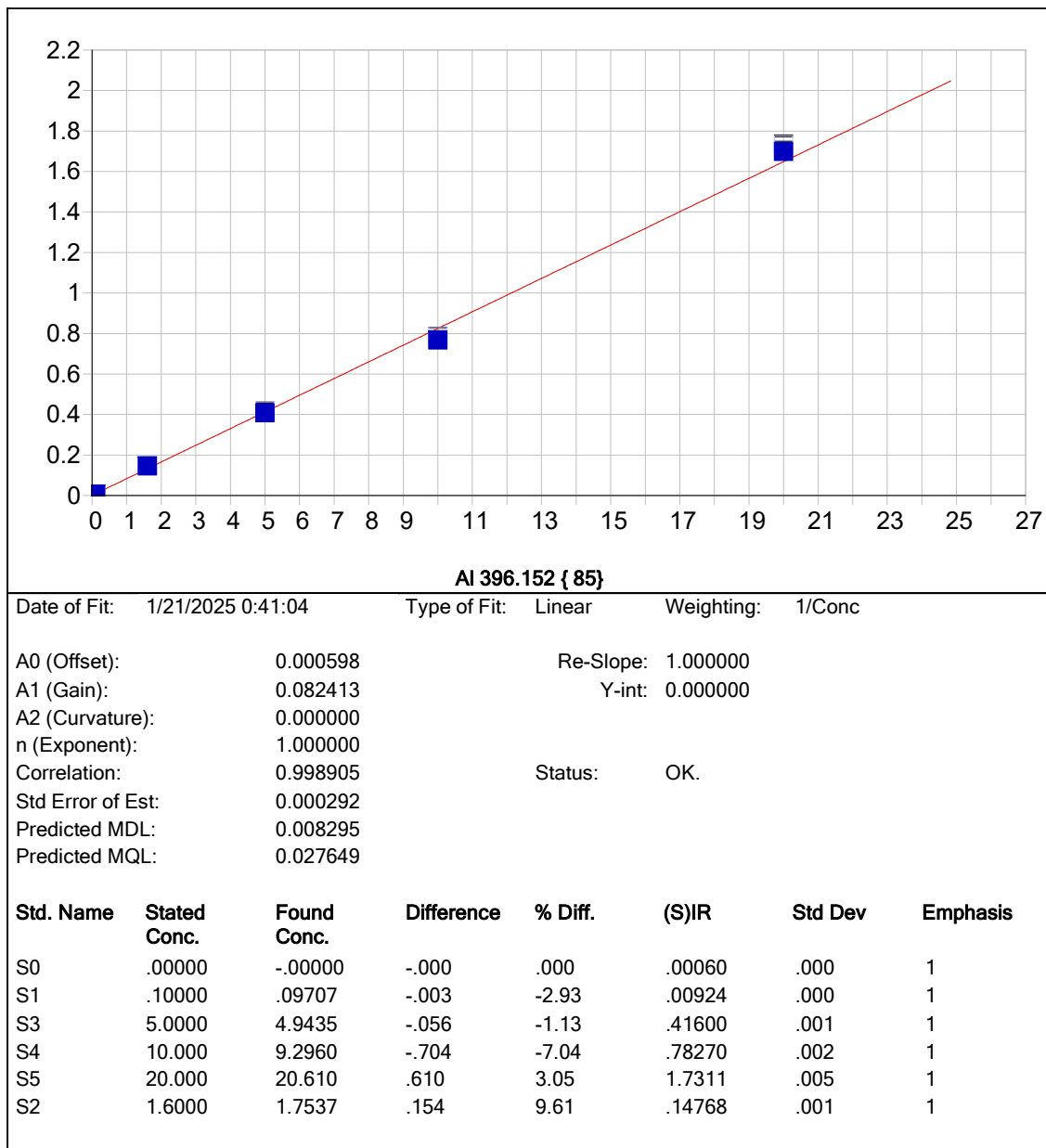


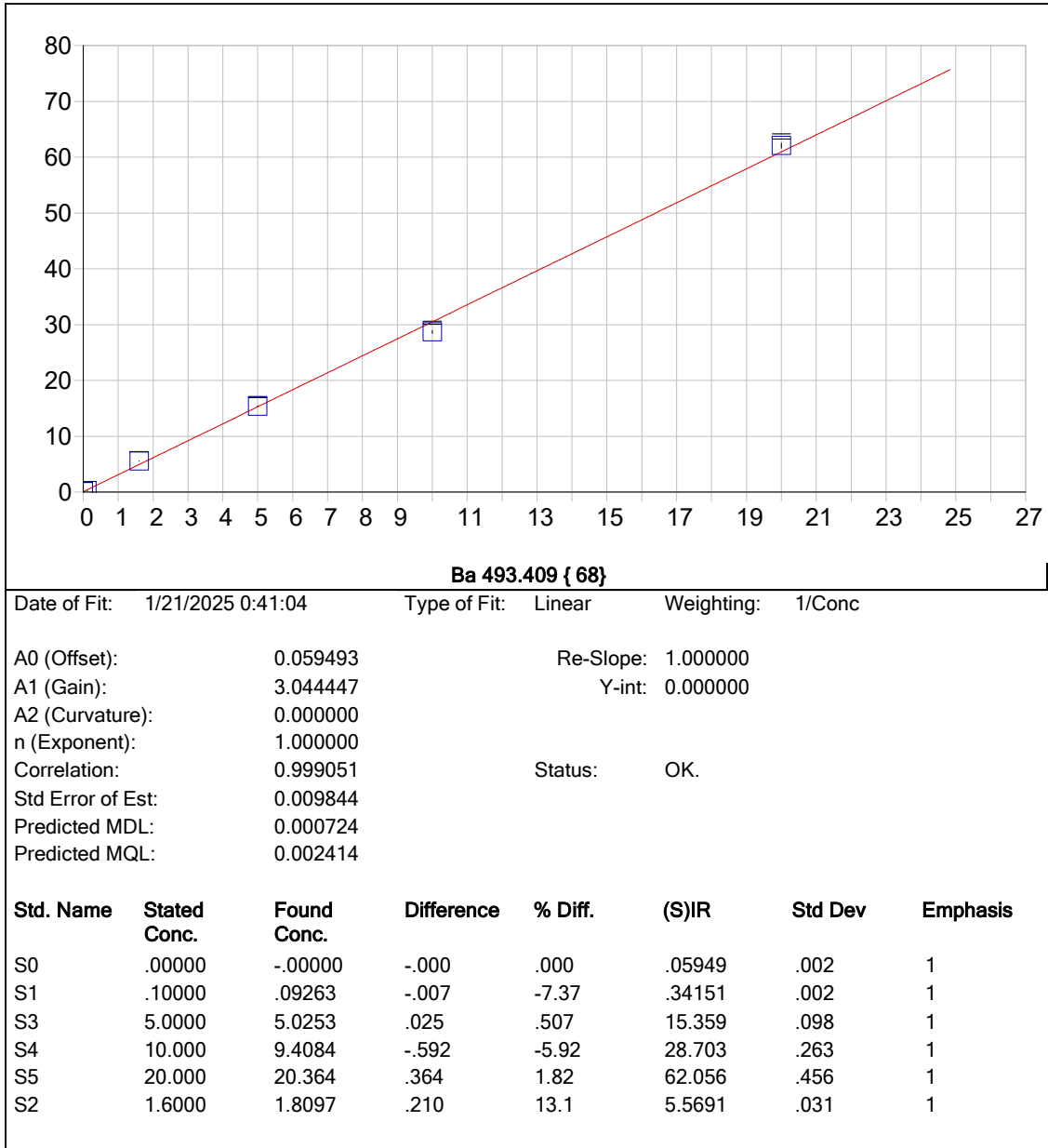


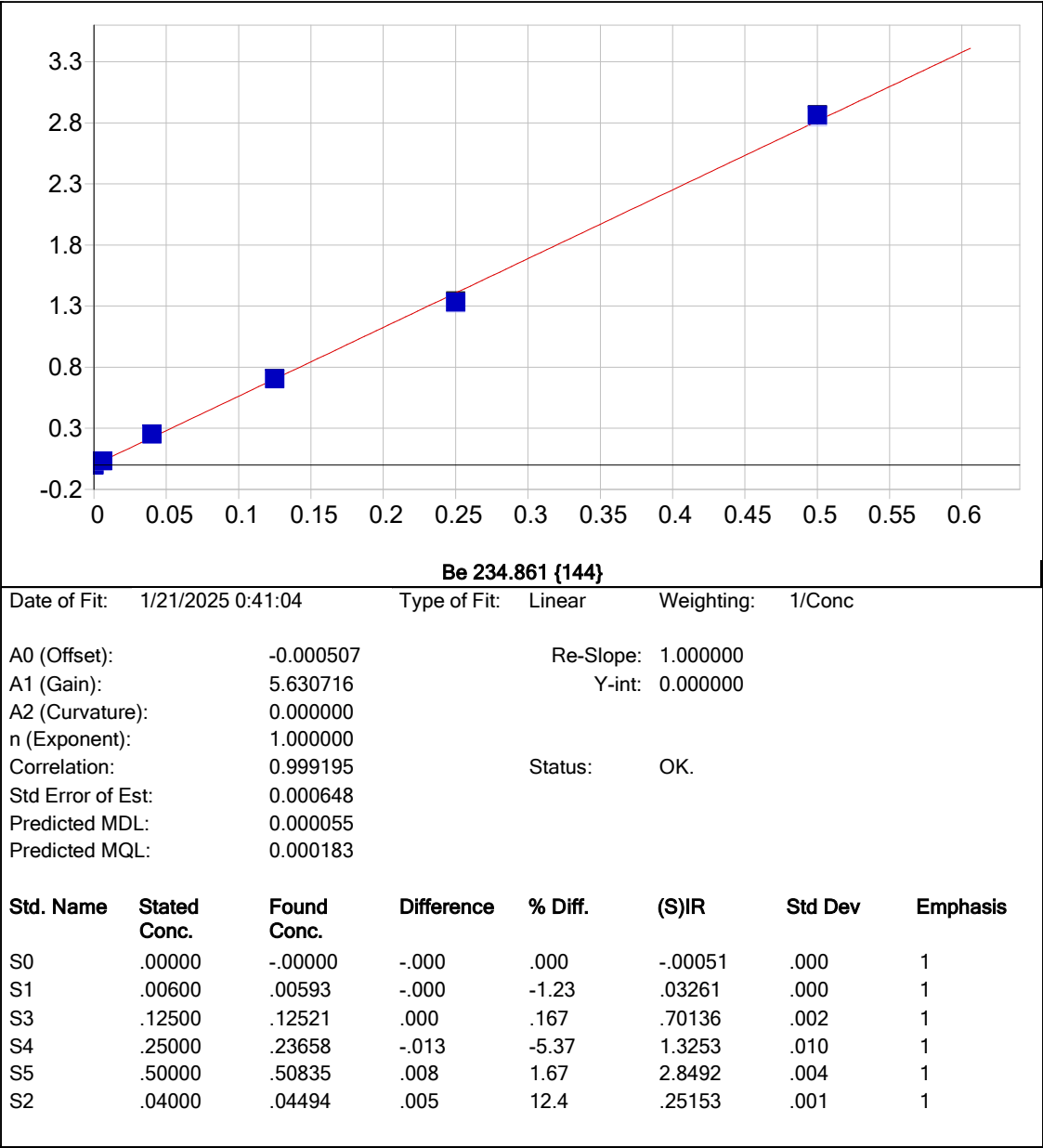


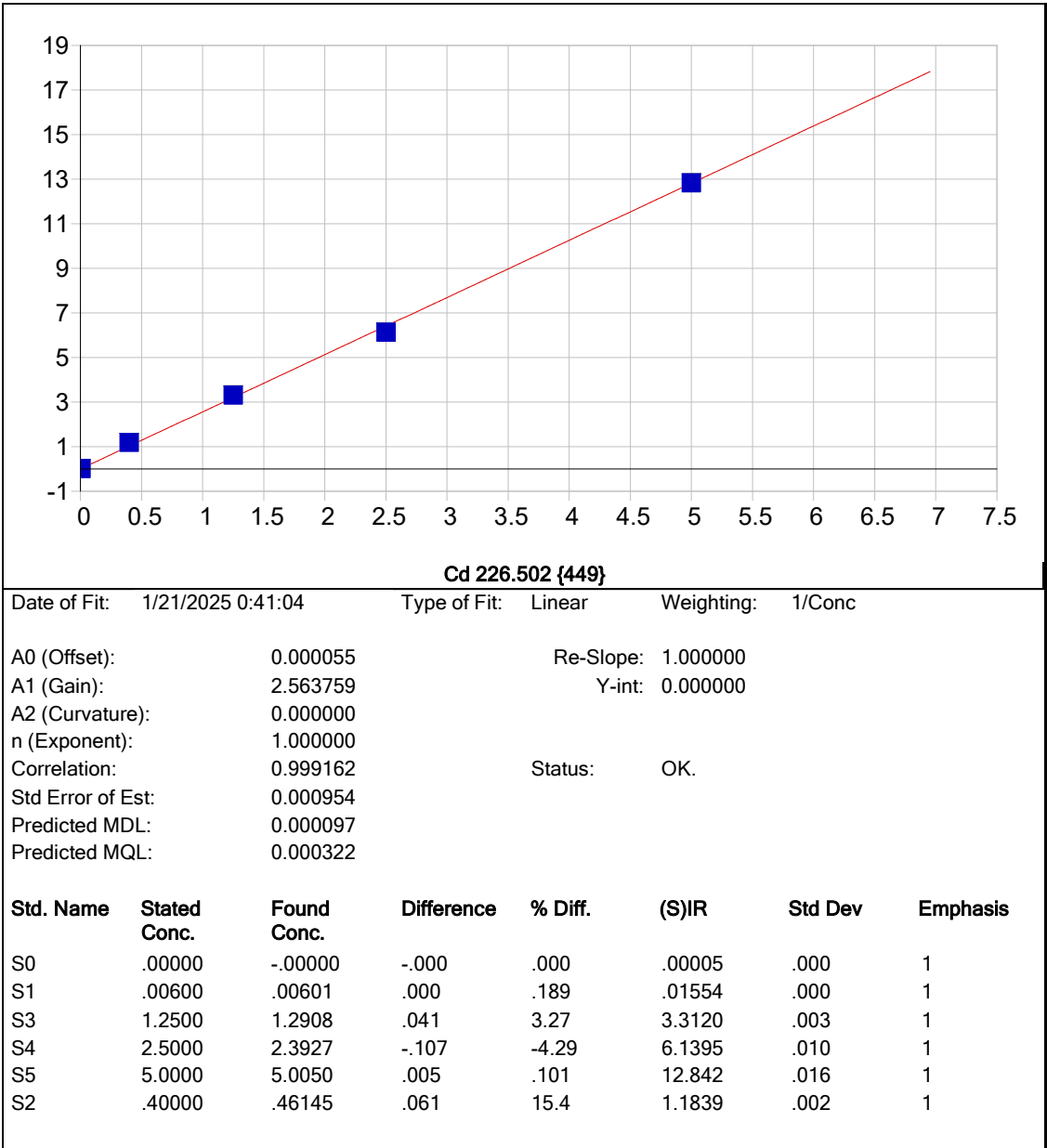


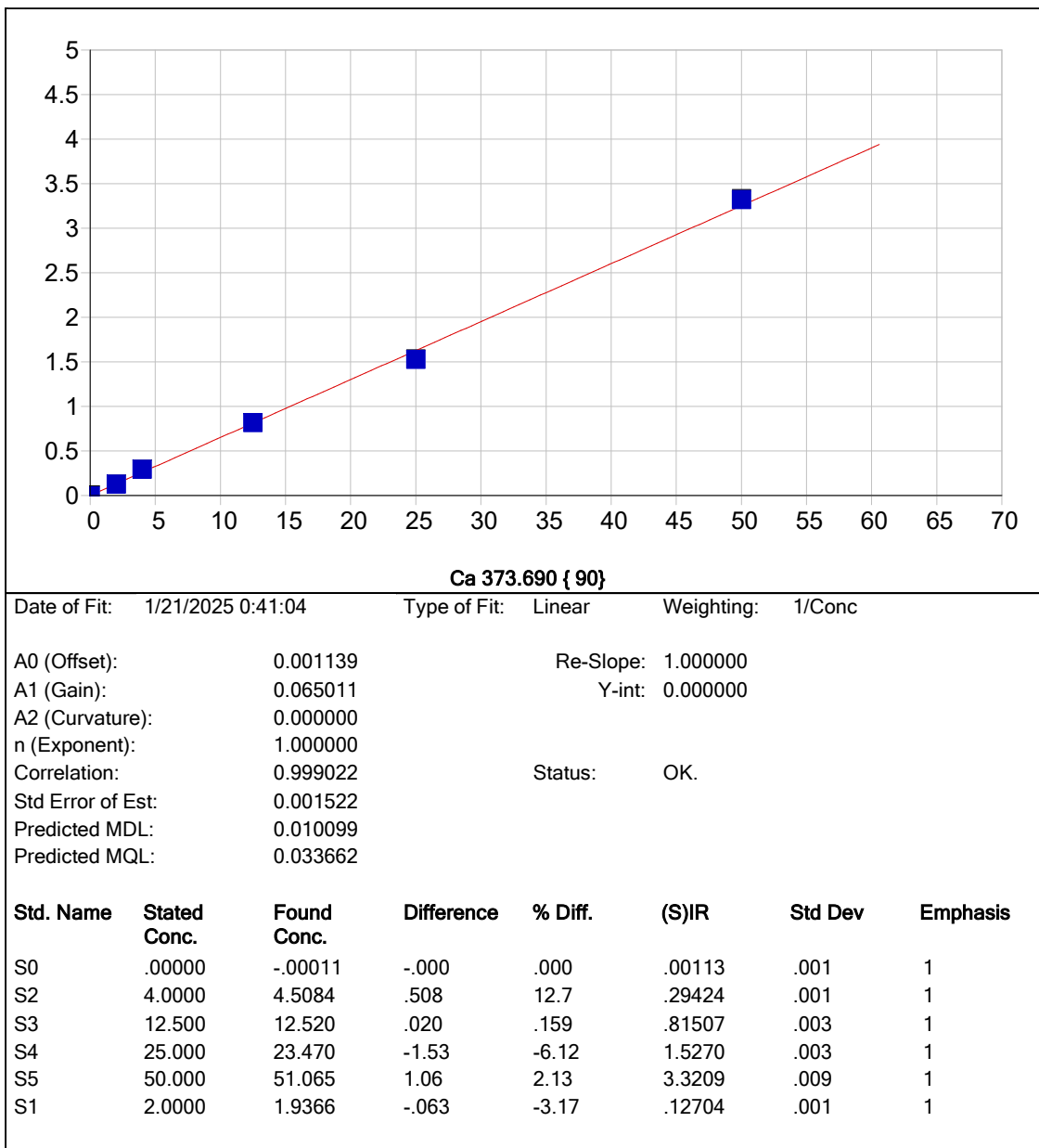


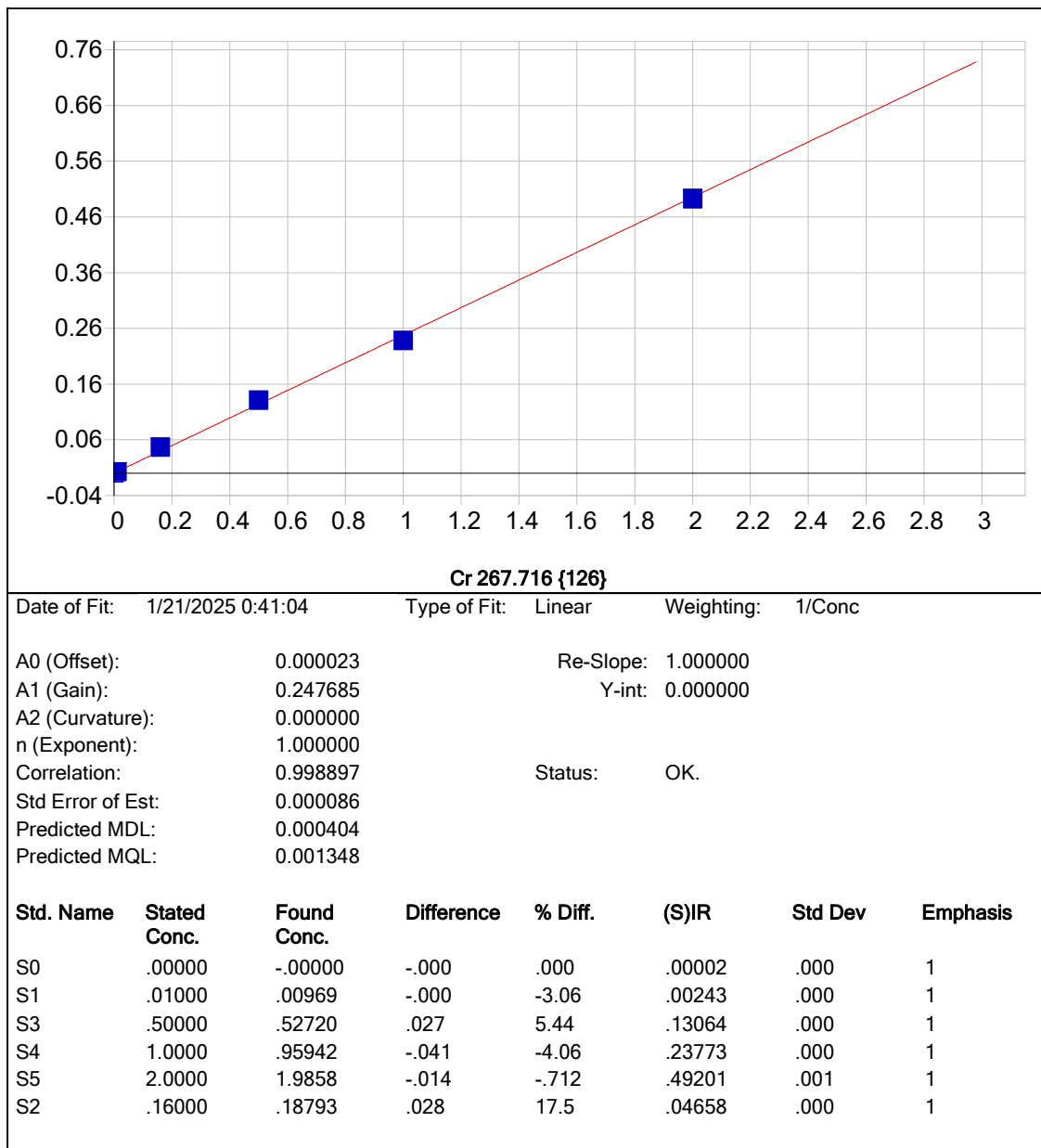


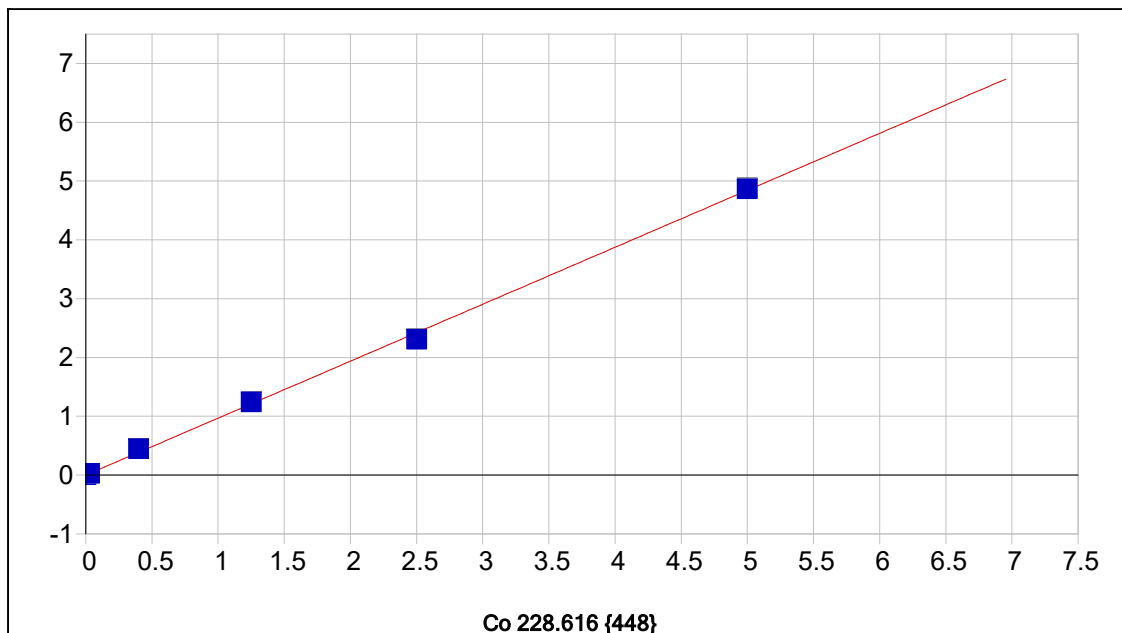




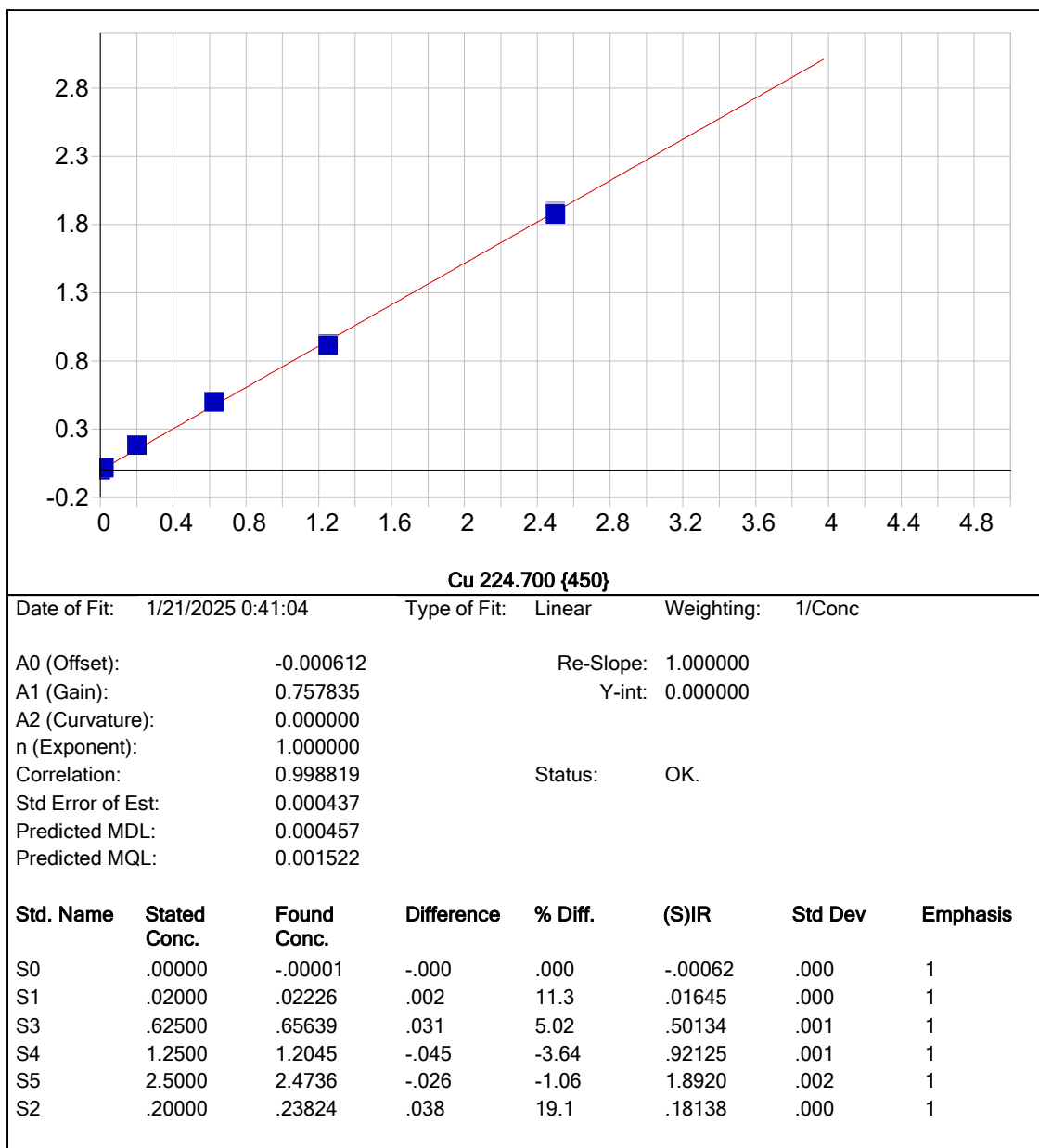


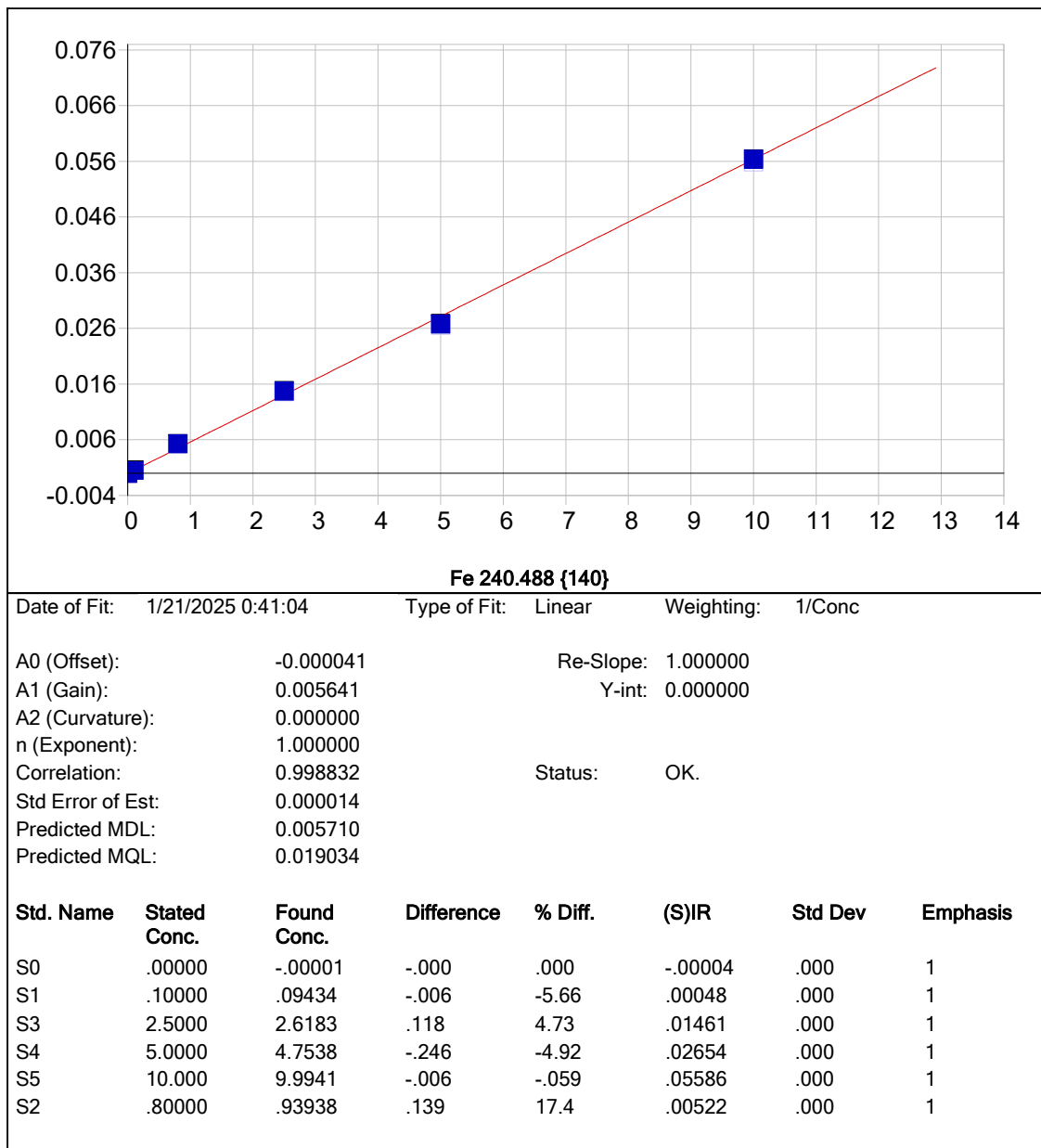


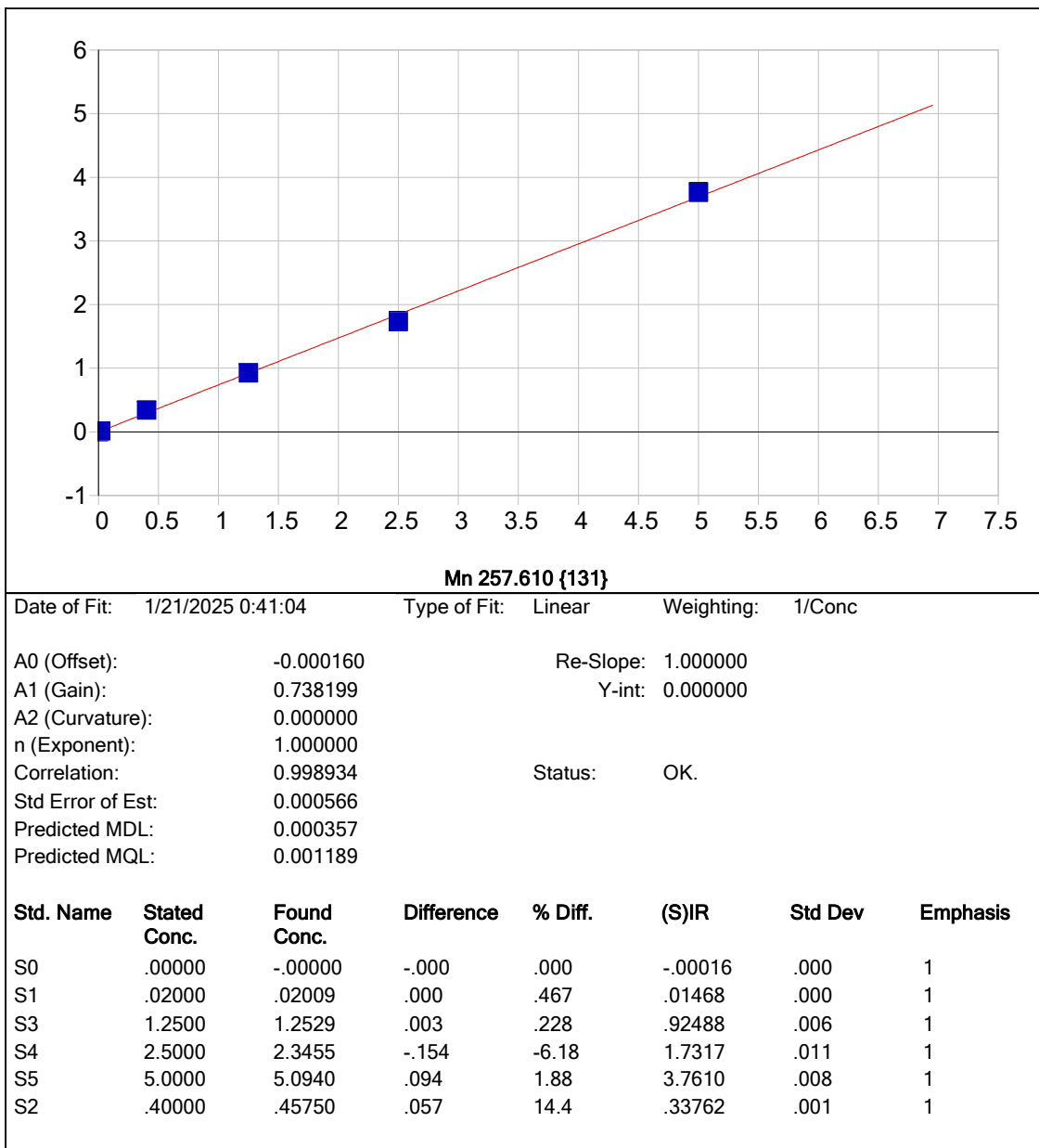


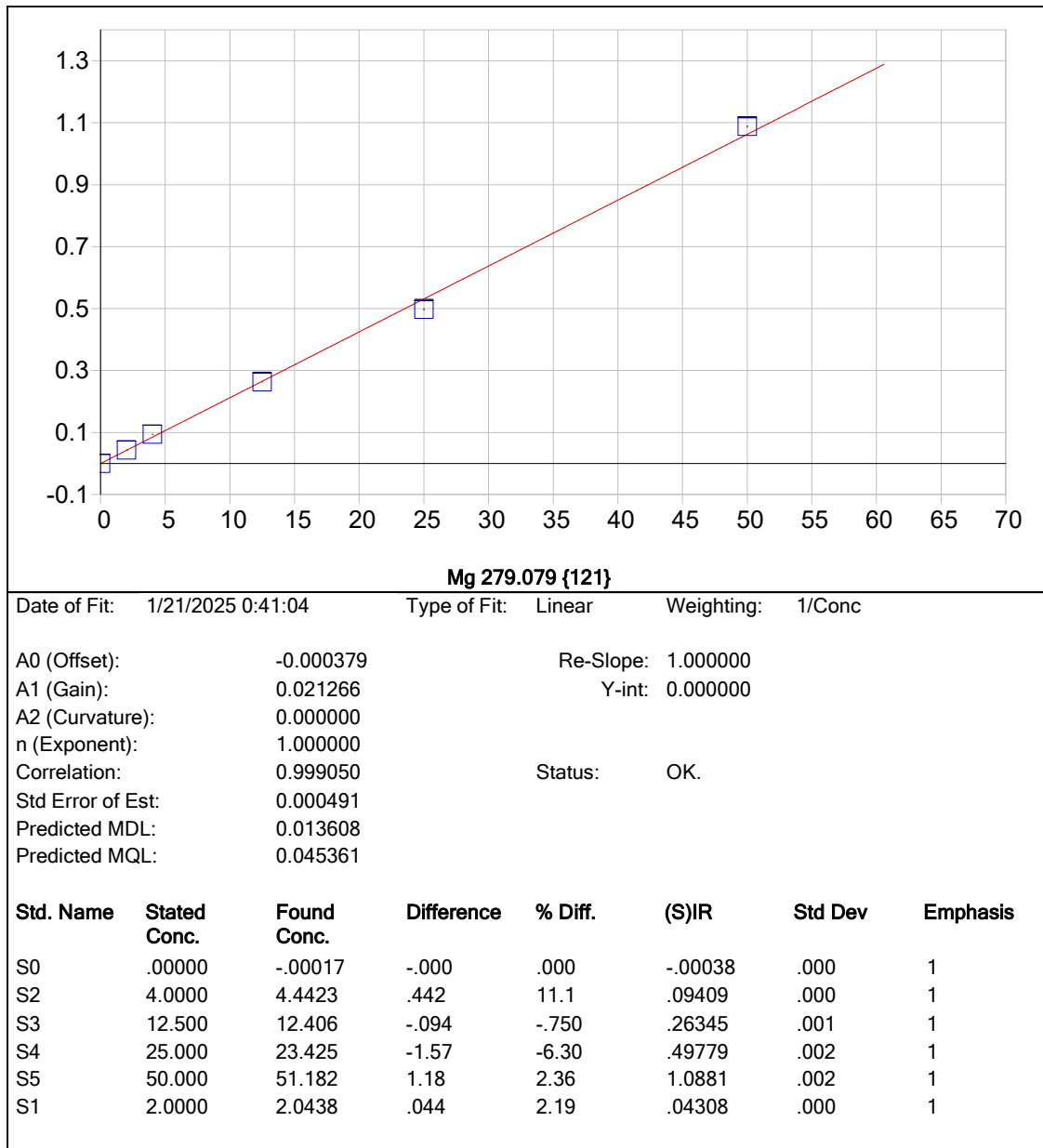


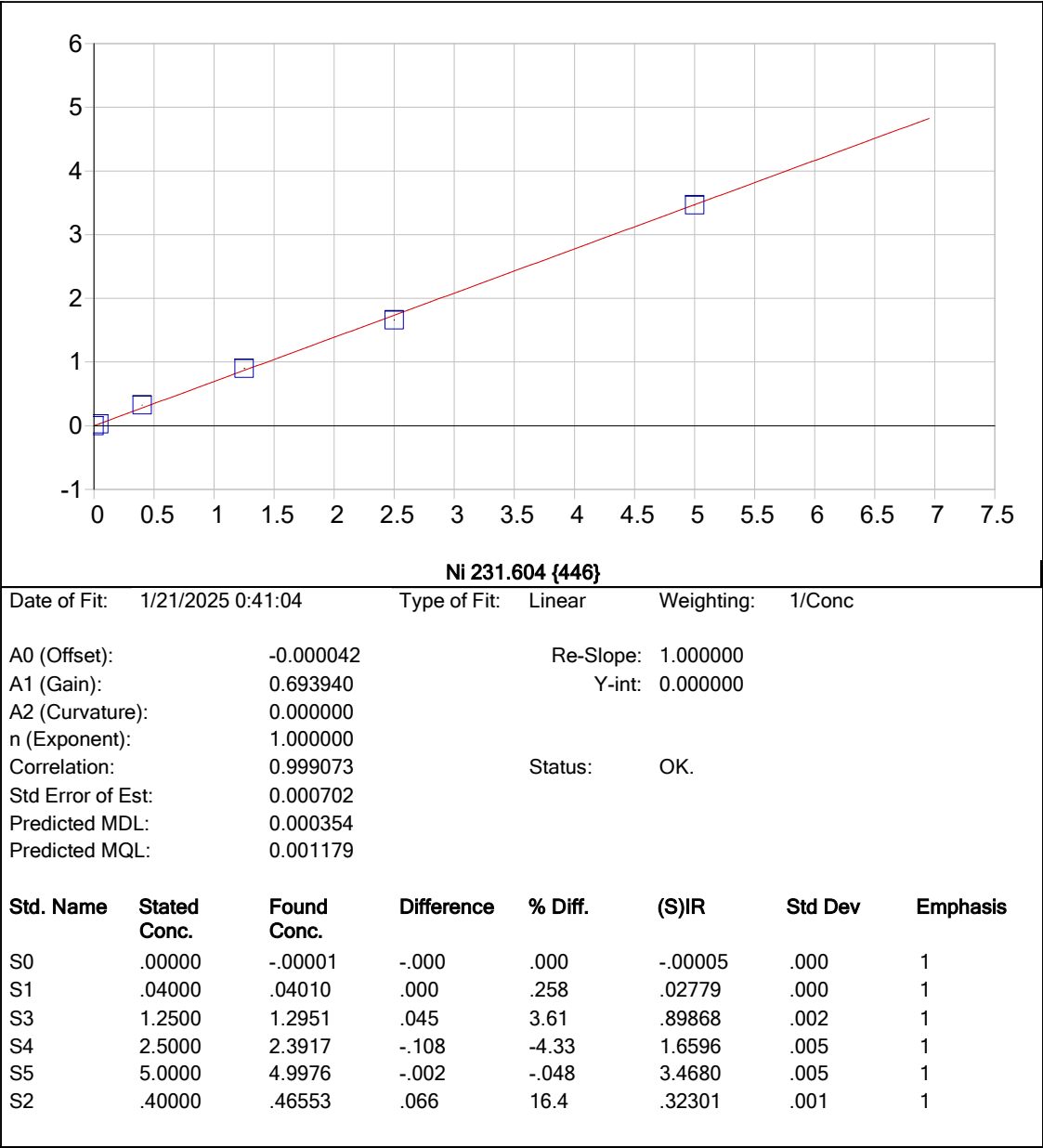
Date of Fit:		1/21/2025 0:41:04		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000001		Re-Slope:		1.000000		
A1 (Gain):		0.968550		Y-int:		0.000000		
A2 (Curvature):		0.000000						
n (Exponent):		1.000000						
Correlation:		0.999137		Status:		OK.		
Std Error of Est:		0.000819						
Predicted MDL:		0.000227						
Predicted MQL:		0.000758						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis	
S0	.00000	-.00000	-.000	.000	-.00000	.000	1	
S1	.03000	.02997	-.000	-.094	.02891	.000	1	
S3	1.2500	1.2840	.034	2.72	1.2457	.001	1	
S4	2.5000	2.3812	-.119	-4.75	2.3105	.005	1	
S5	5.0000	5.0240	.024	.480	4.8742	.007	1	
S2	.40000	.46077	.061	15.2	.44693	.000	1	

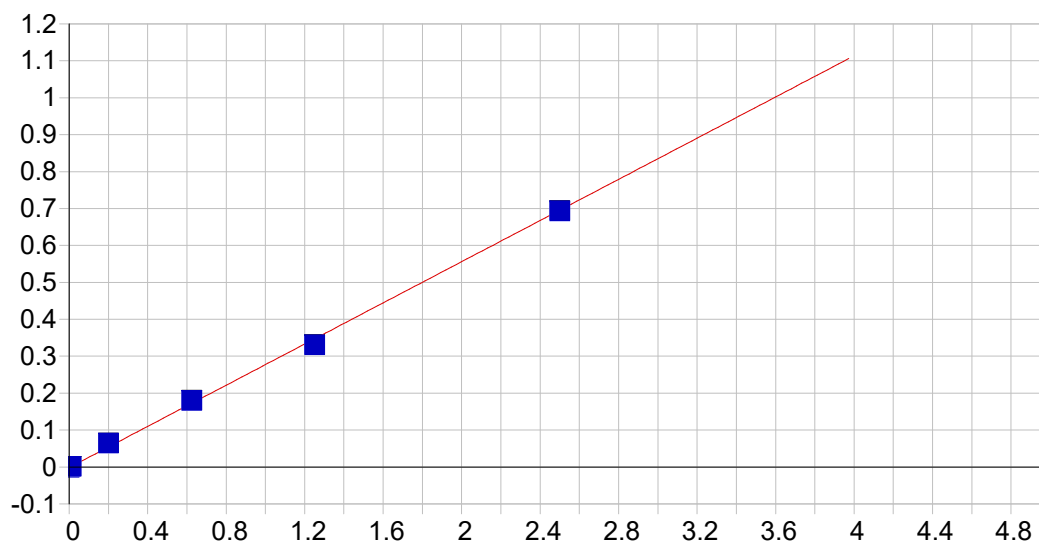










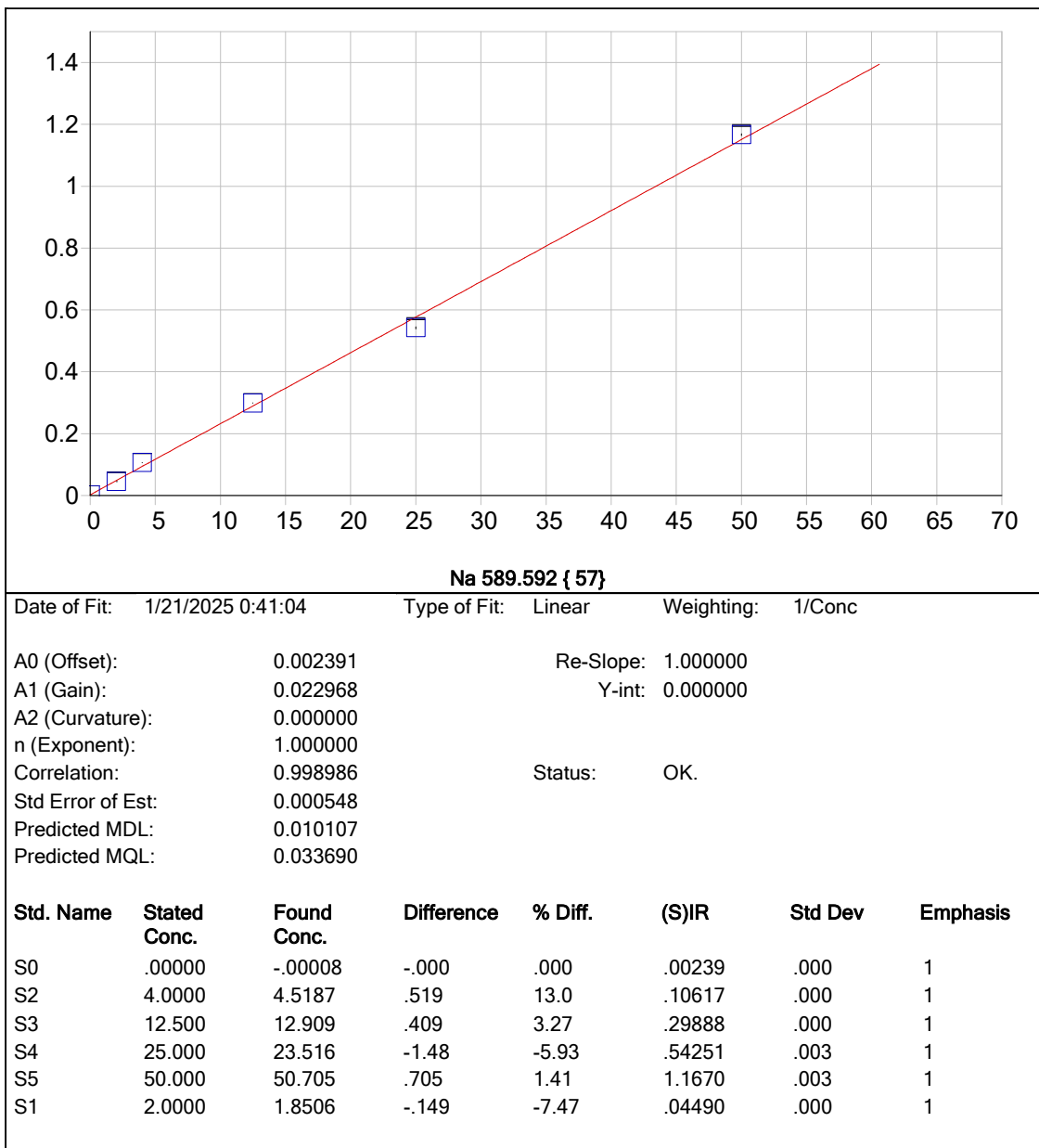


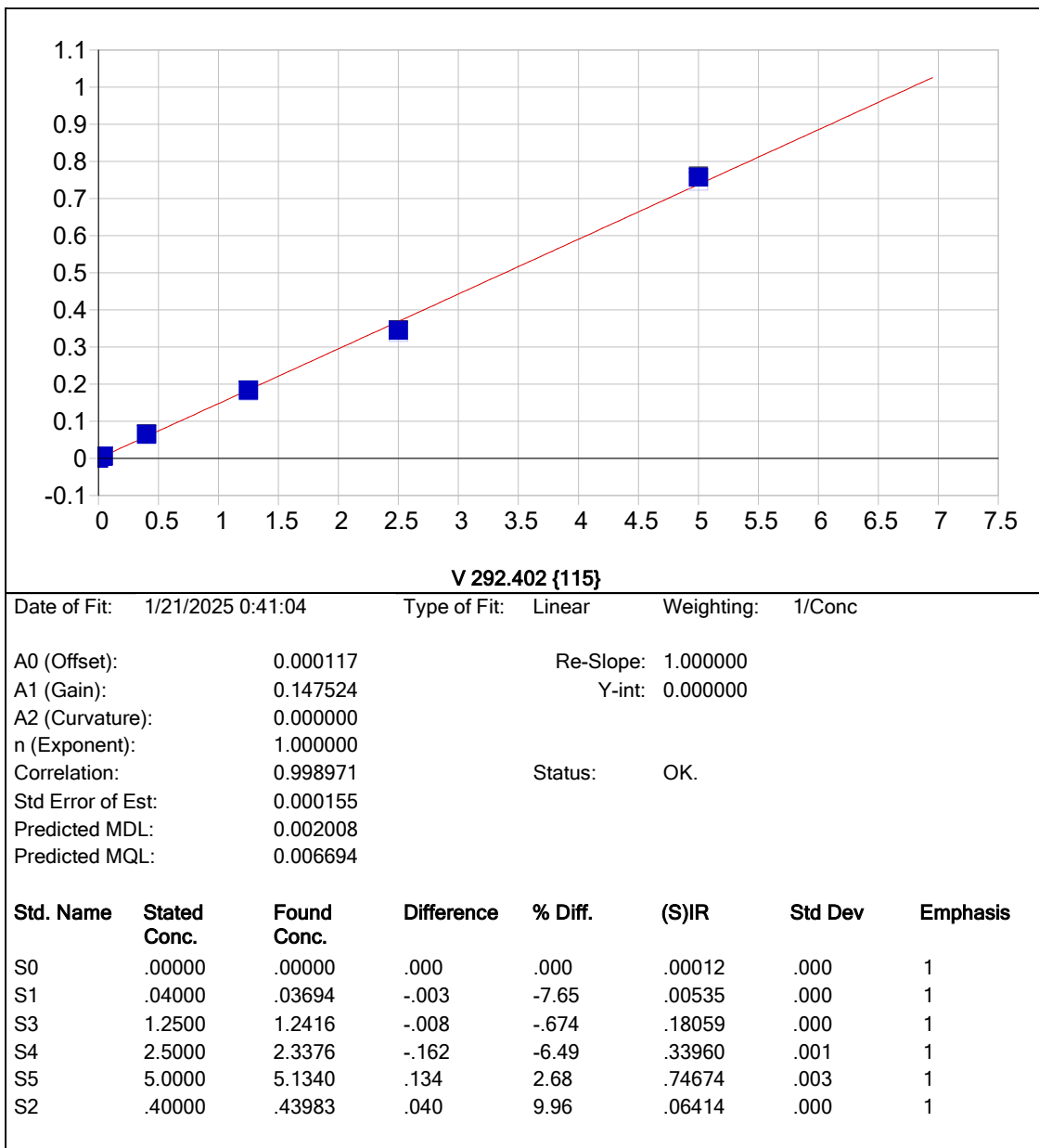
Ag 328.068 {103}

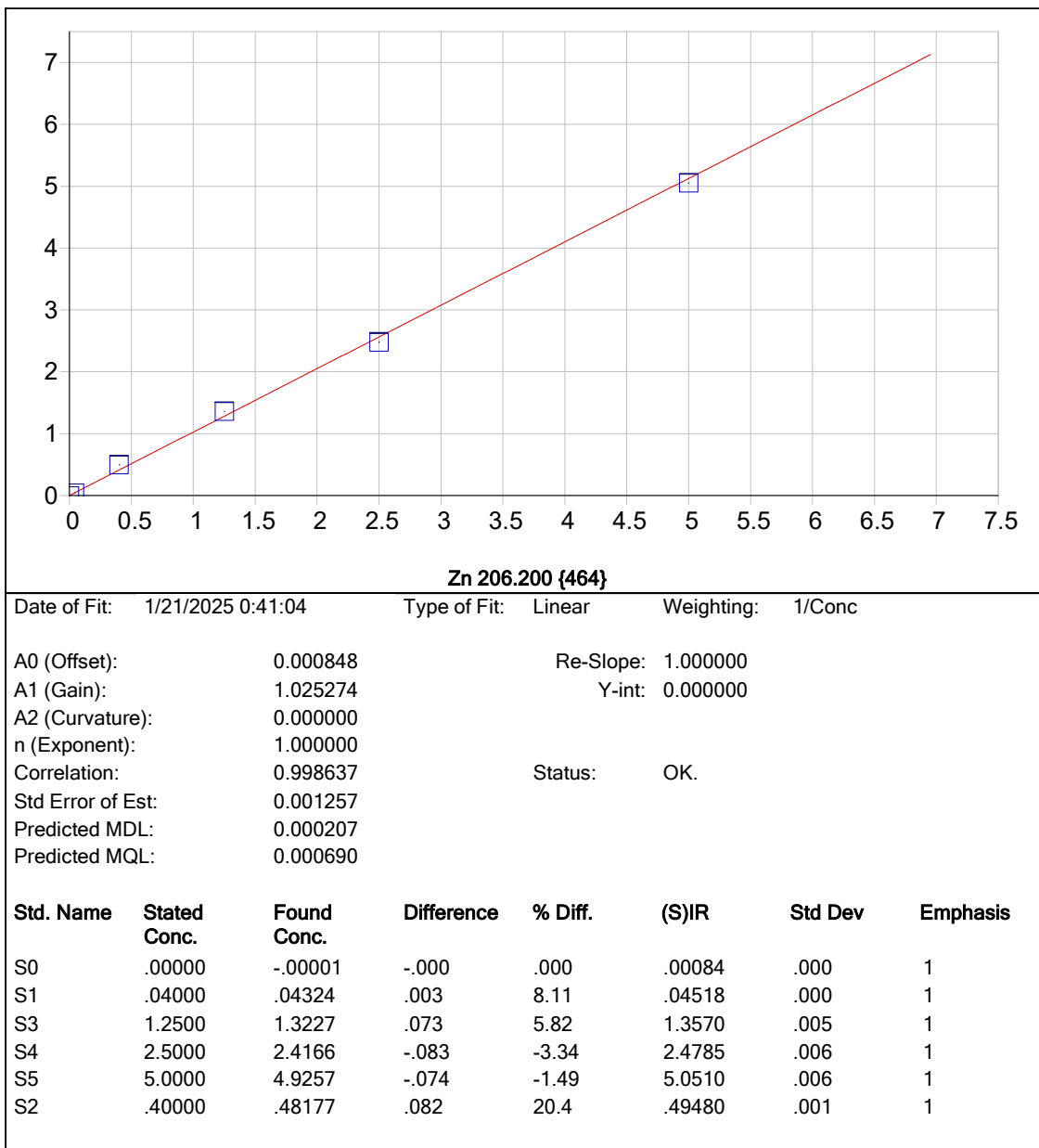
Date of Fit: 1/21/2025 0:41:04 Type of Fit: Linear Weighting: 1/Conc

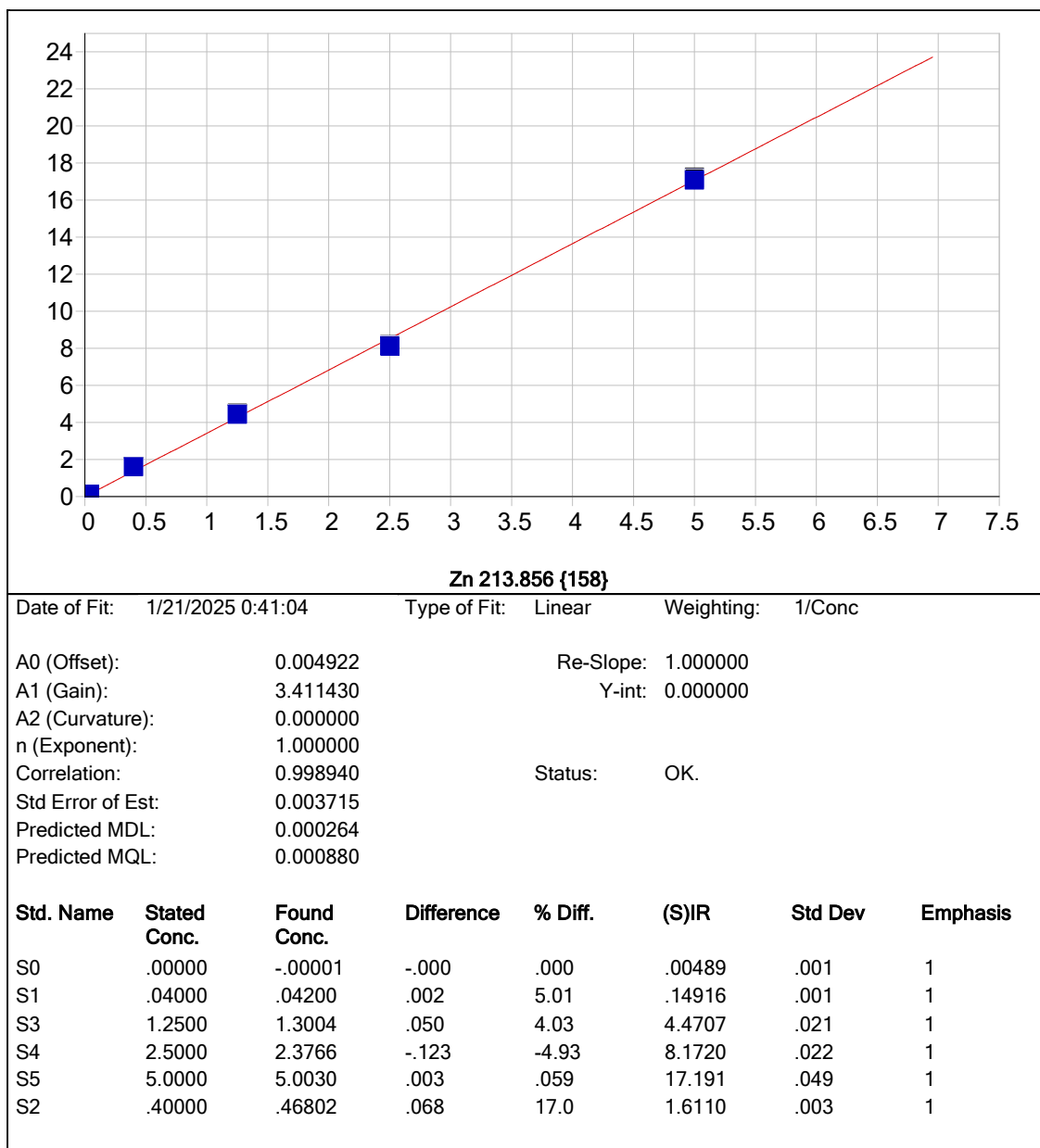
A0 (Offset):	-0.001580	Re-Slope:	1.000000
A1 (Gain):	0.278796	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998864	Status:	OK.
Std Error of Est:	0.000110		
Predicted MDL:	0.000469		
Predicted MQL:	0.001562		

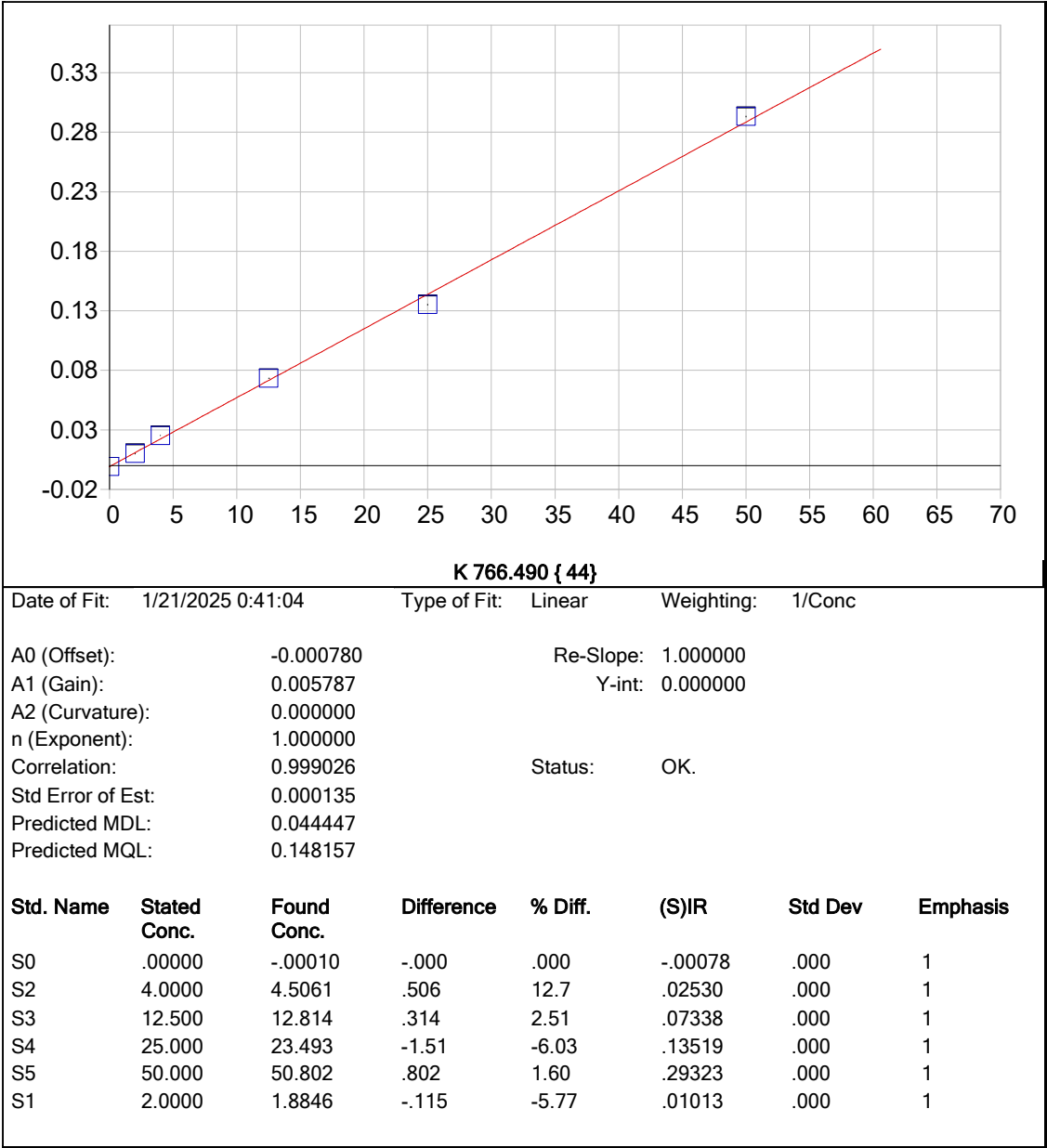
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00158	.000	1
S1	.01000	.01026	.000	2.61	.00126	.000	1
S3	.62500	.65175	.027	4.28	.17943	.001	1
S4	1.2500	1.1929	-.057	-4.56	.32962	.001	1
S5	2.5000	2.4938	-.006	-.249	.69091	.000	1
S2	.20000	.23627	.036	18.1	.06407	.000	1

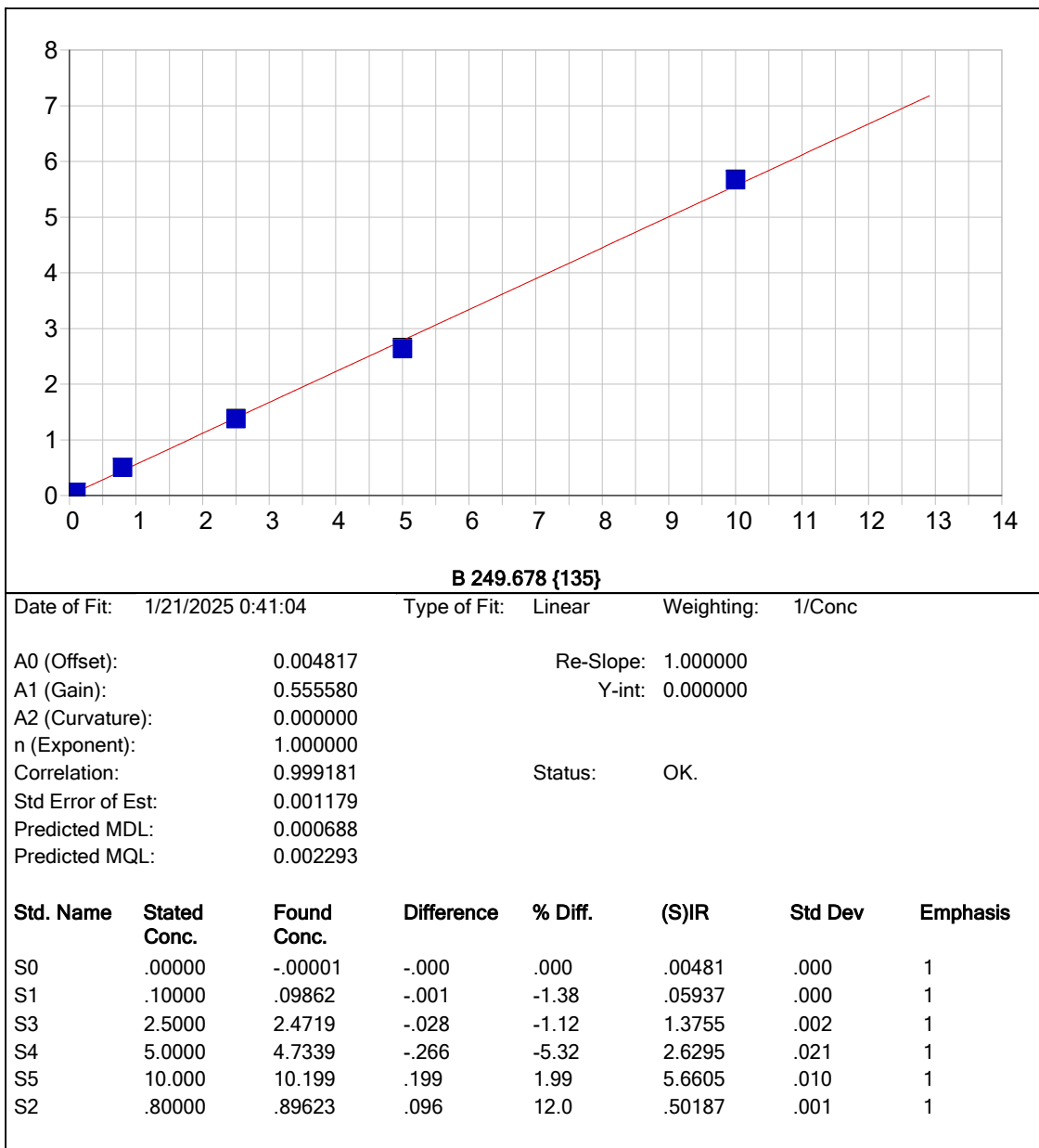


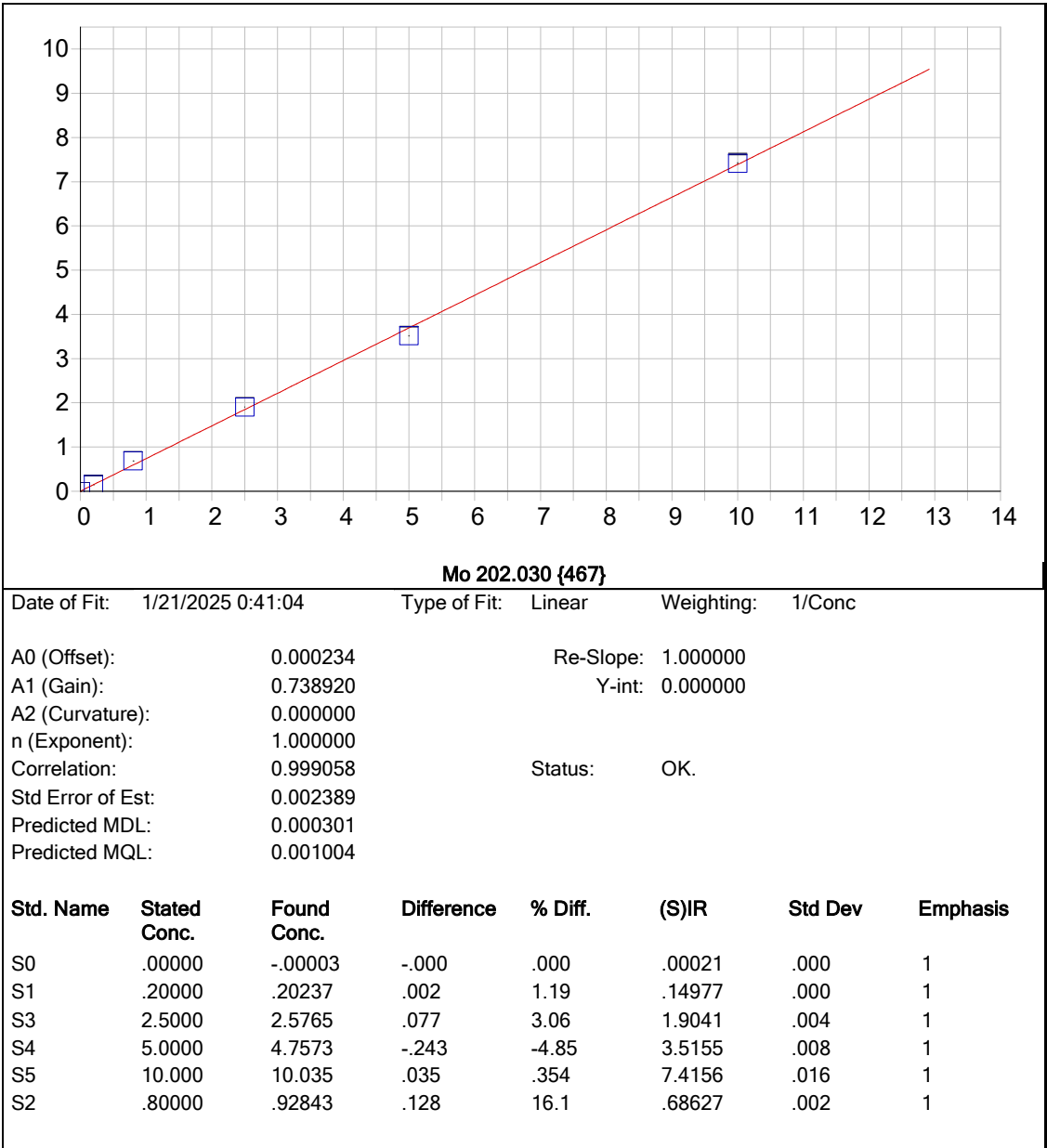


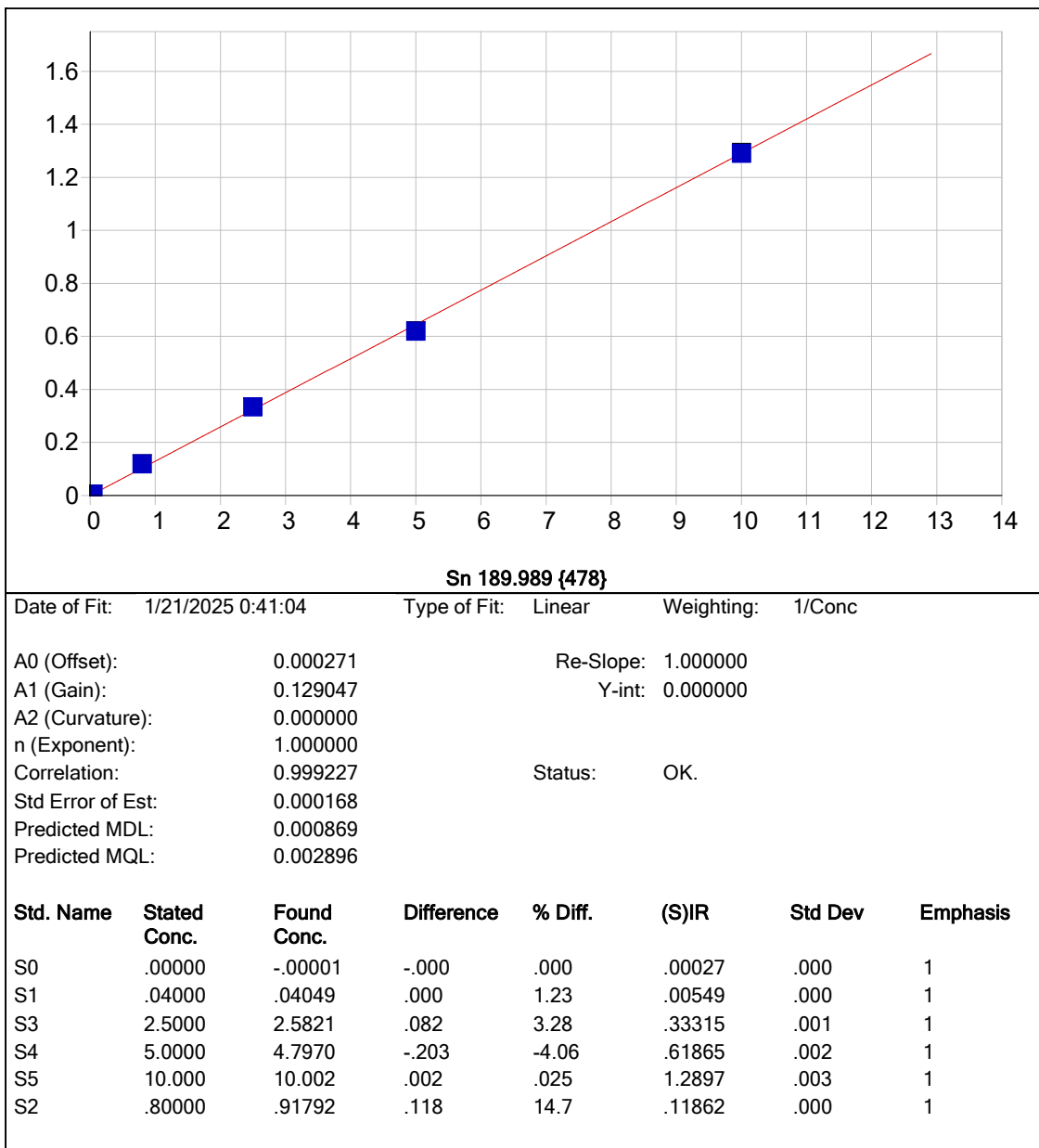


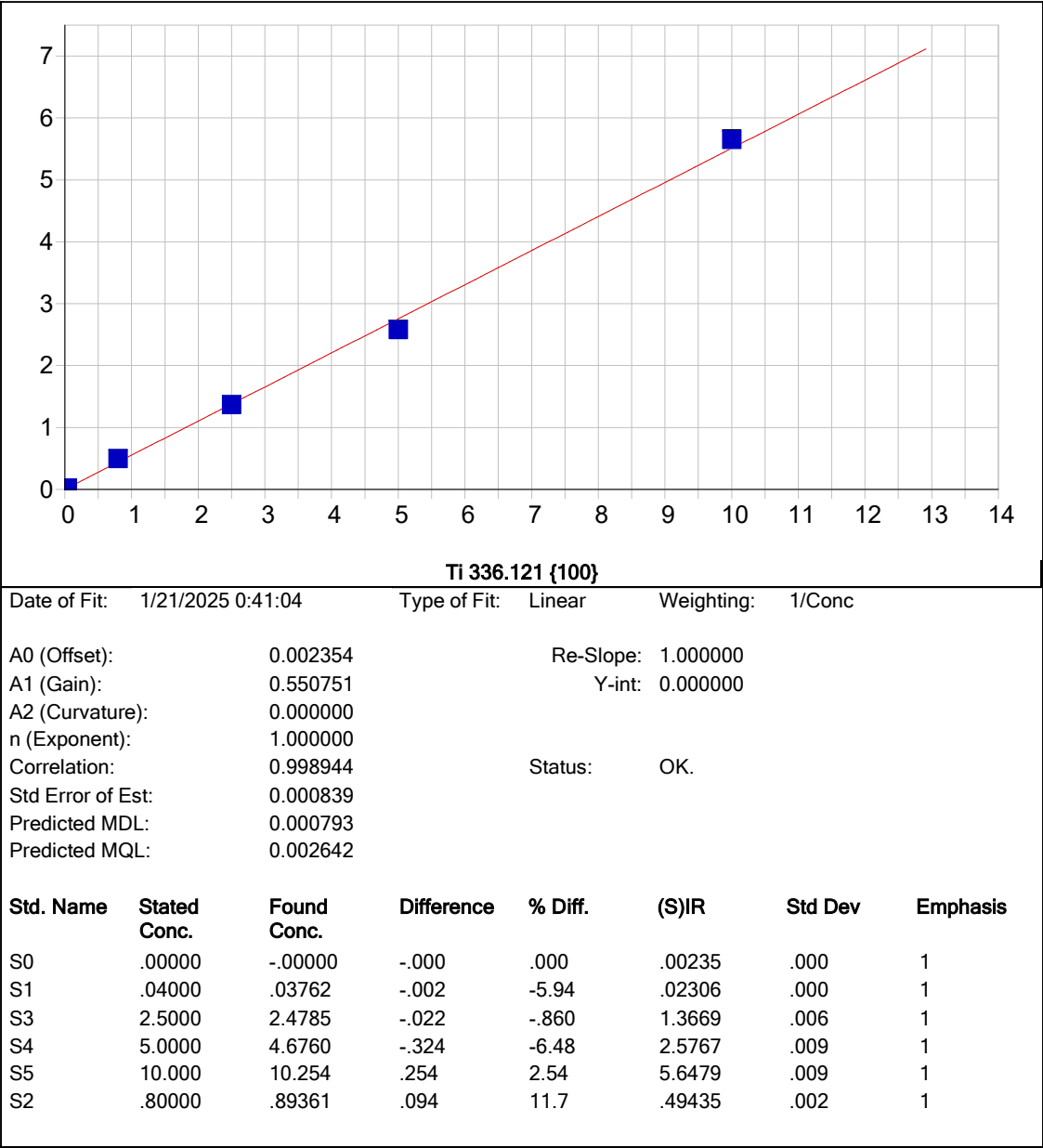


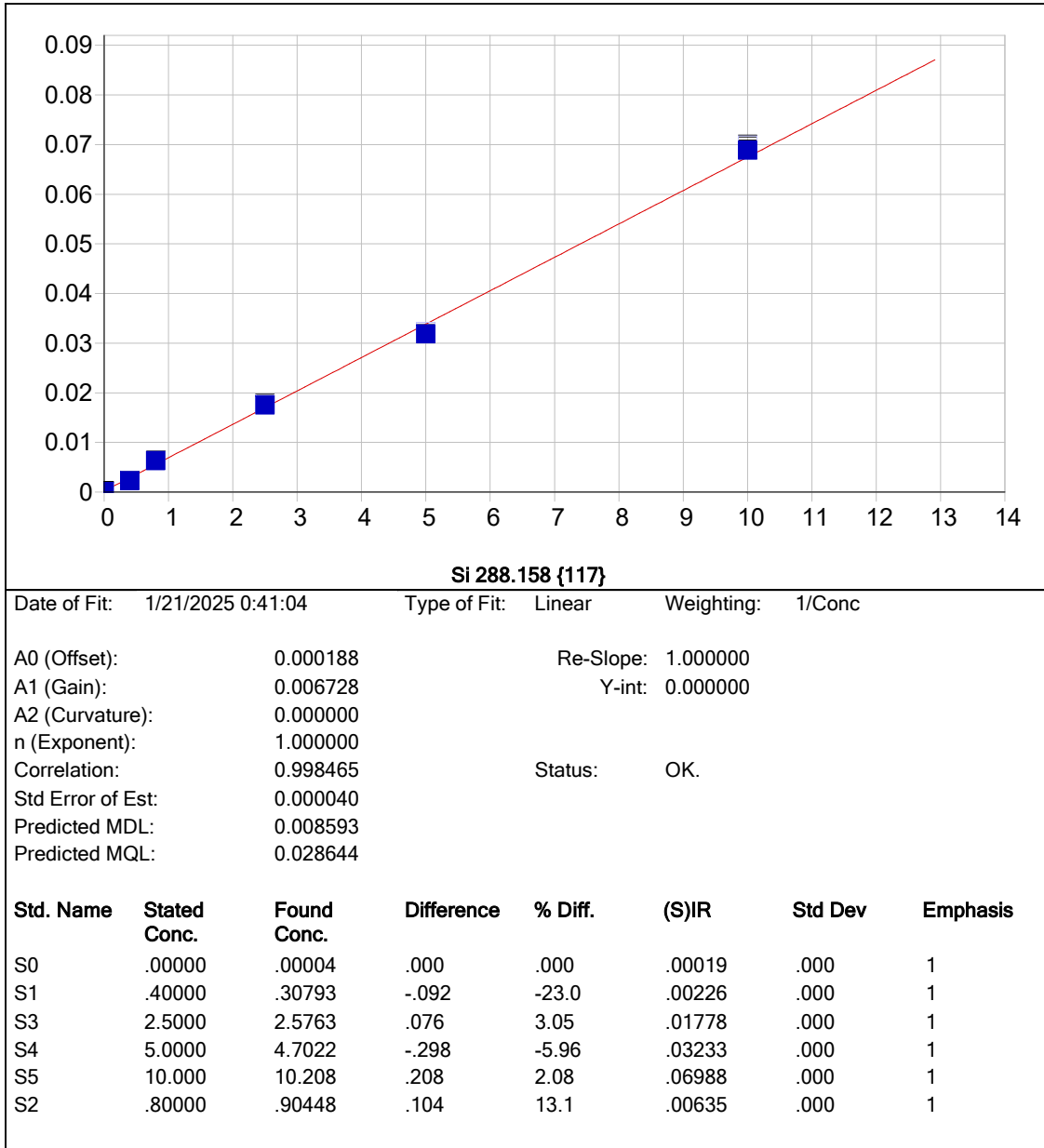


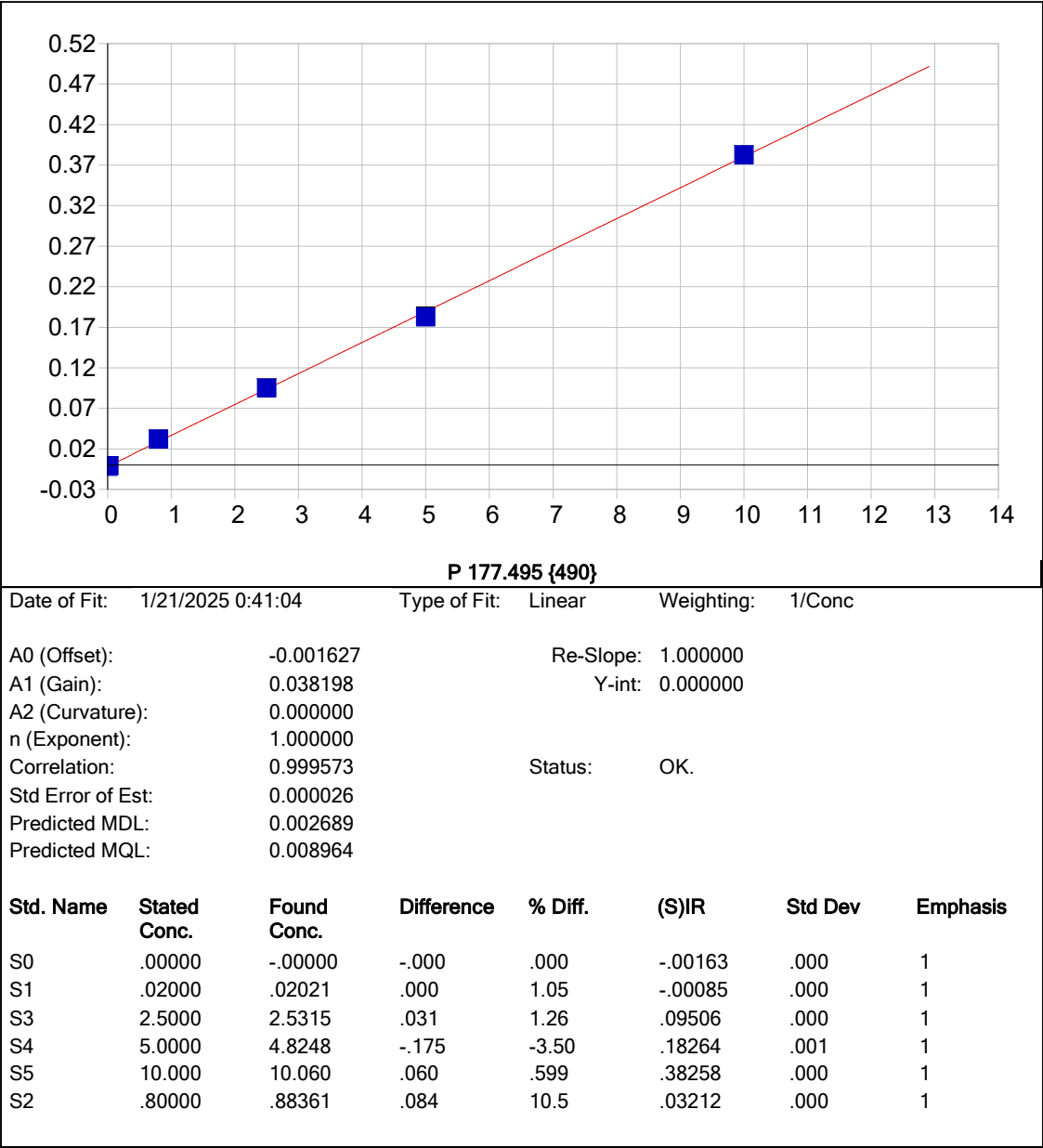


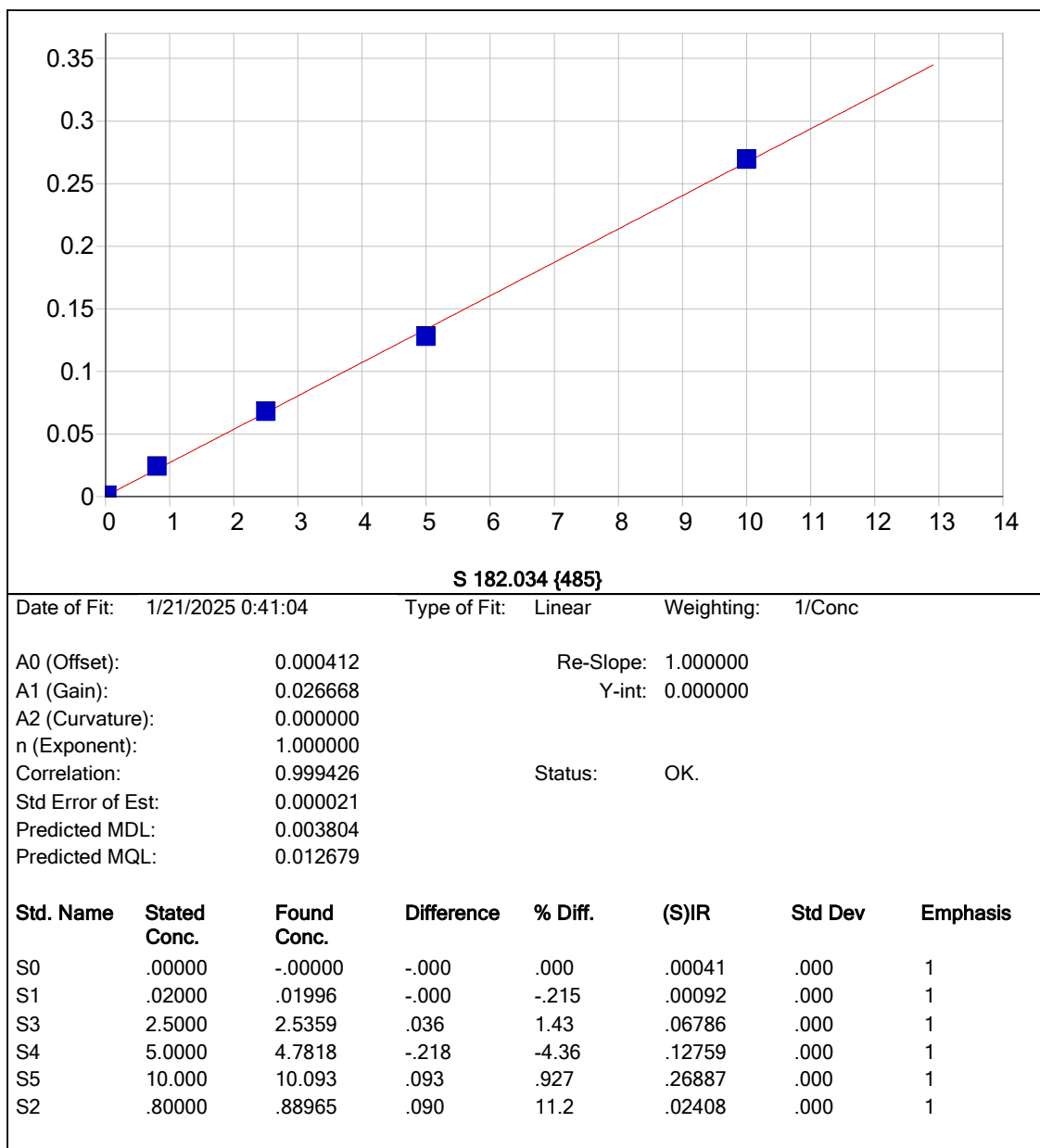


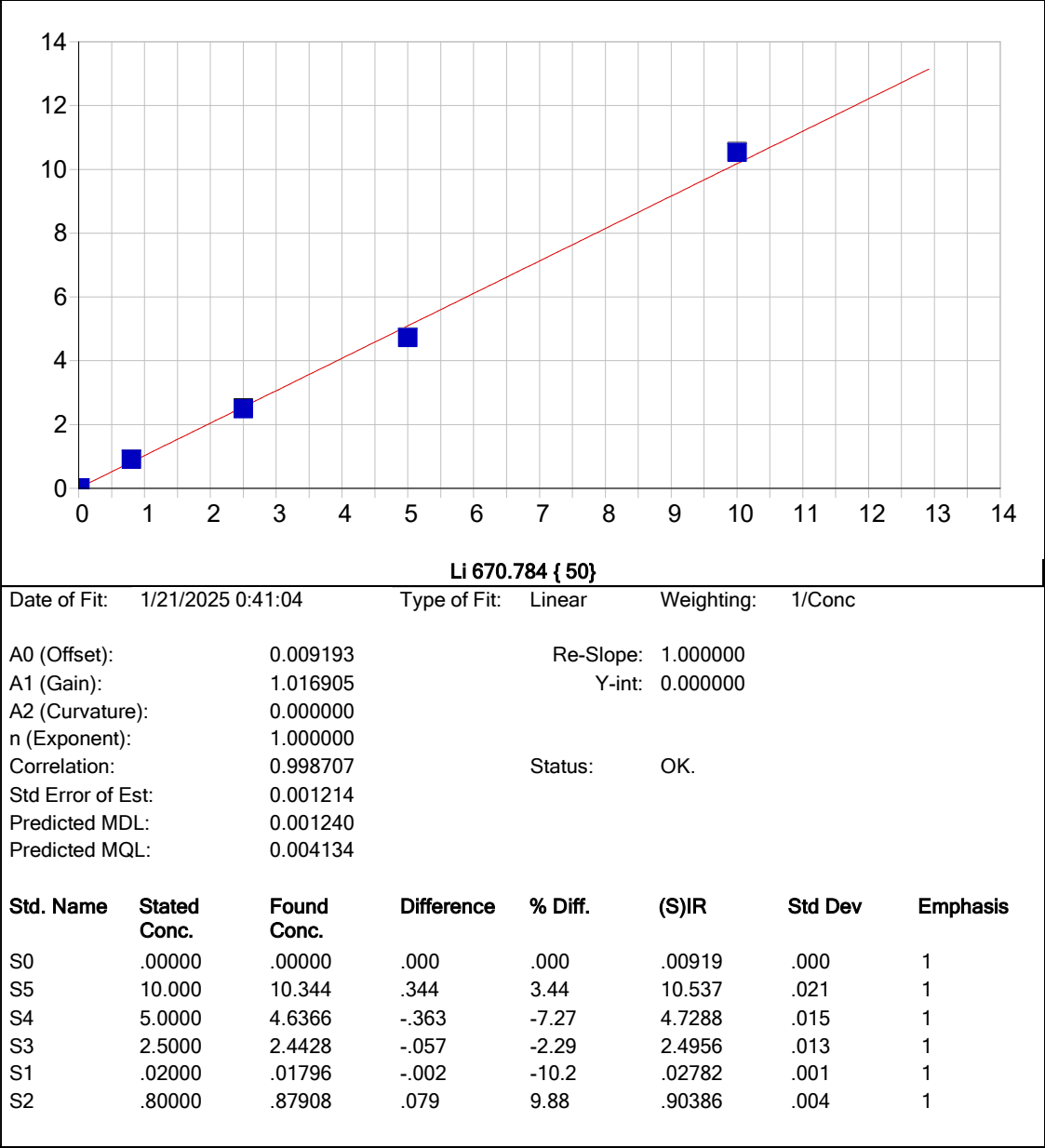


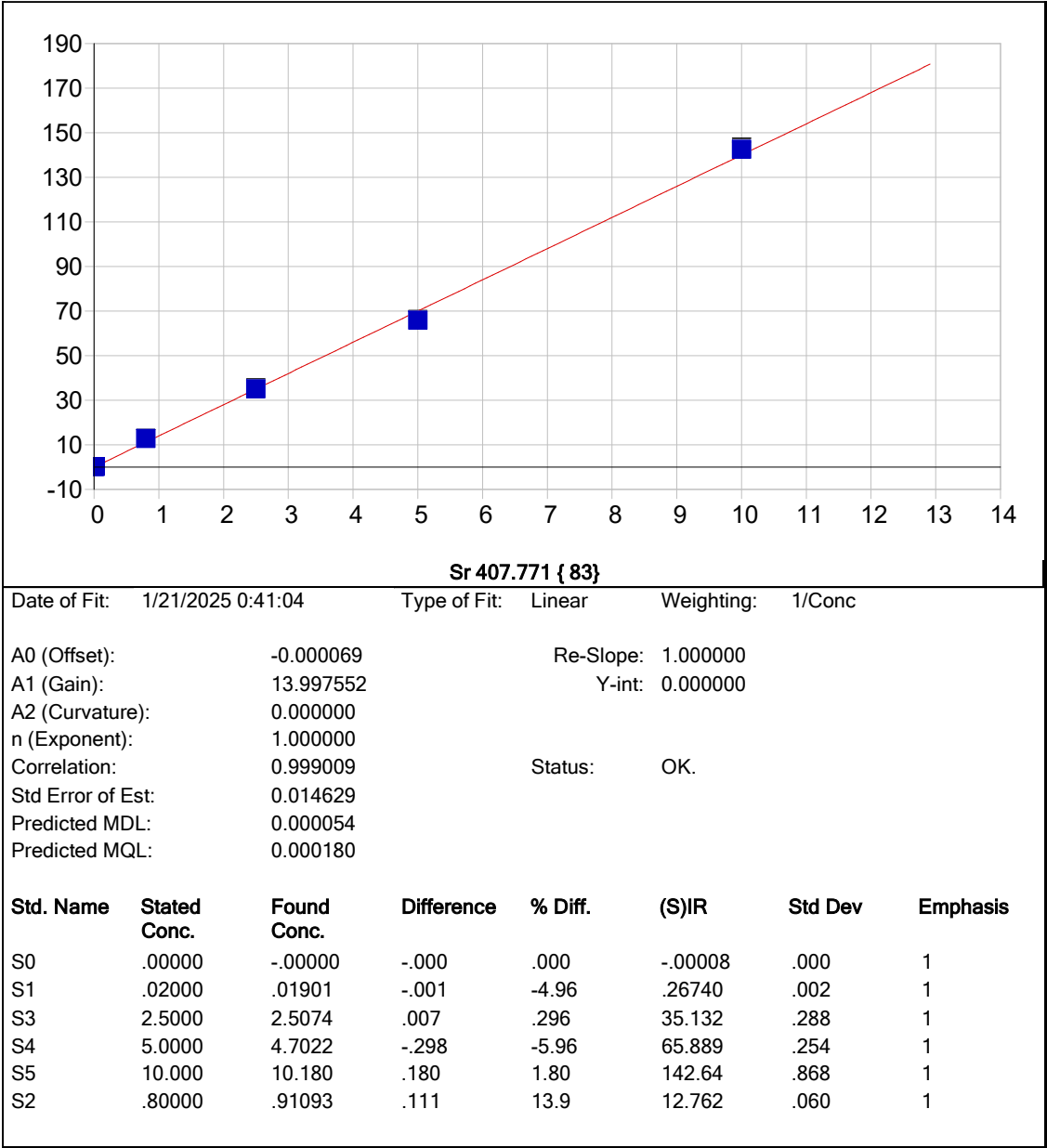


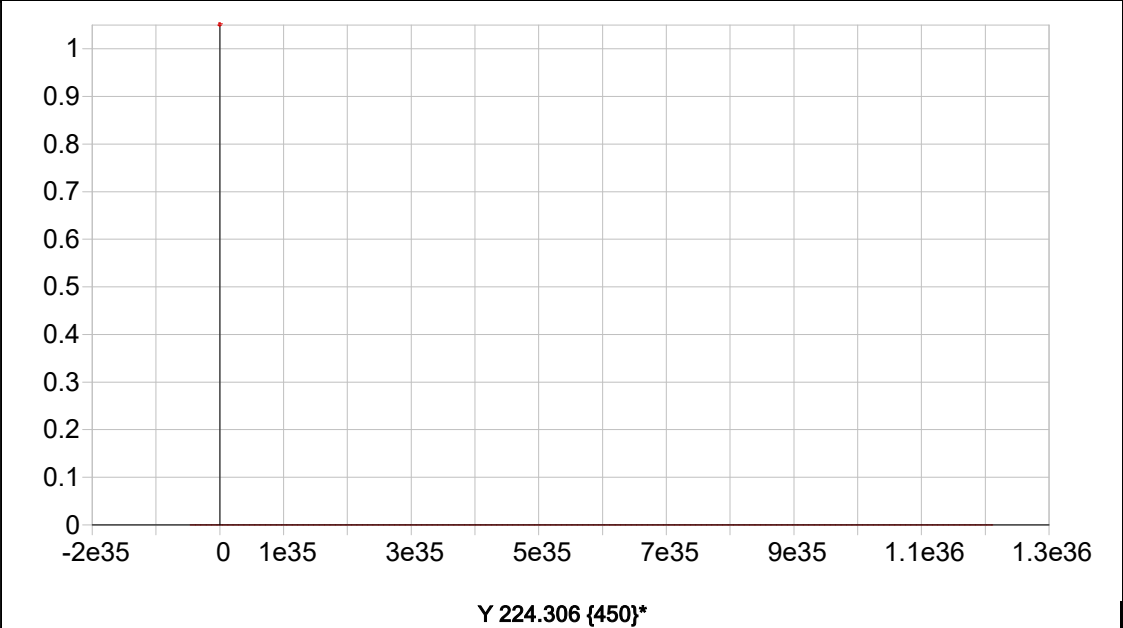






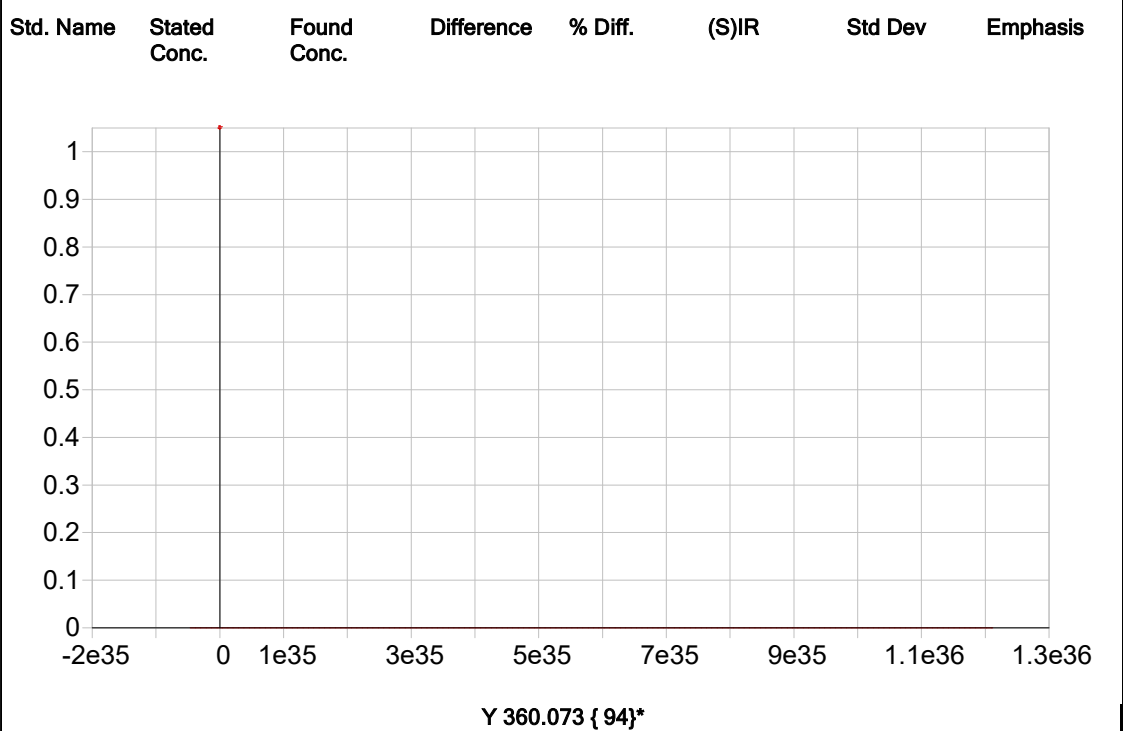






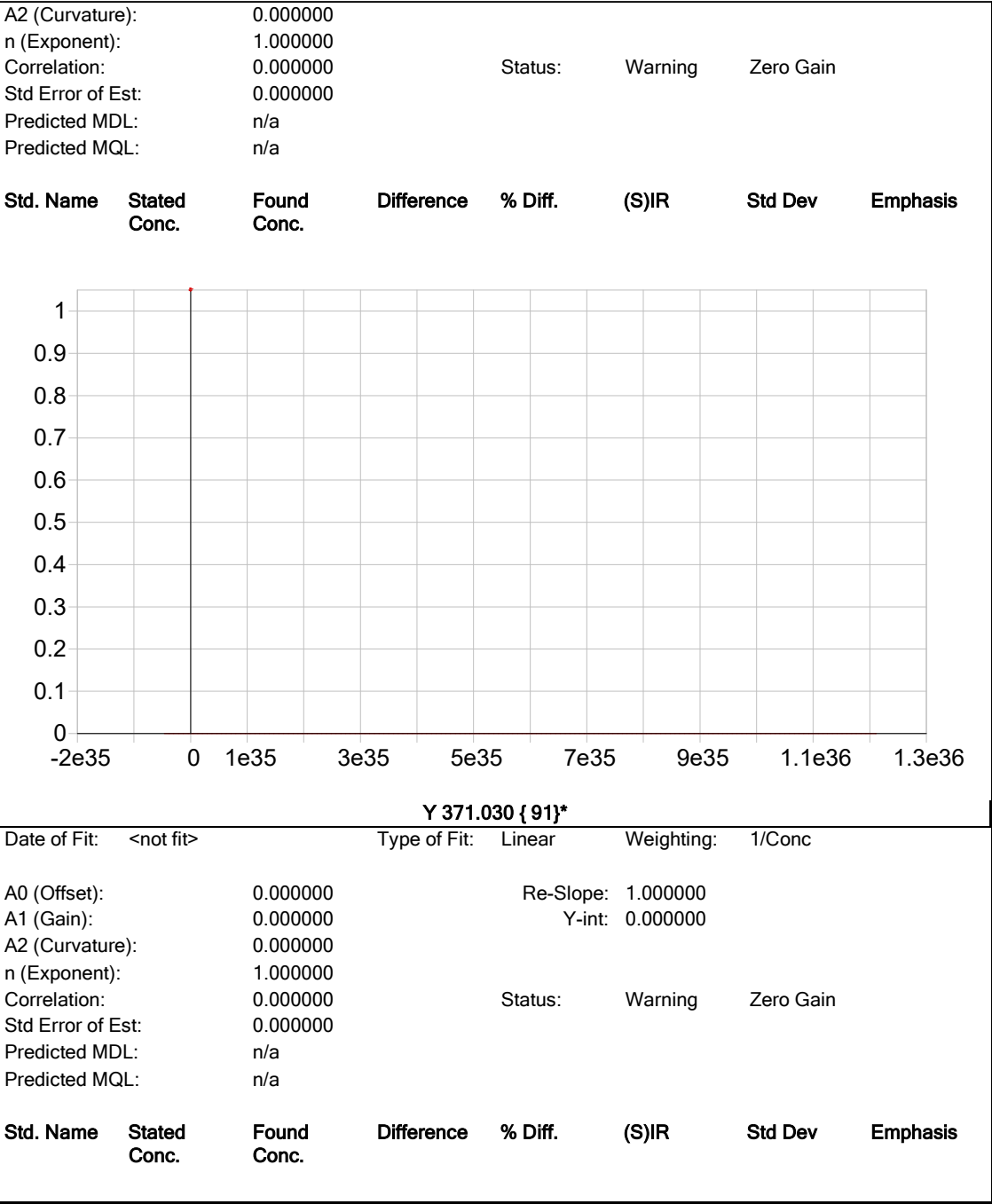
Date of Fit: 1/21/2025 0:41:04 Type of Fit: Linear Weighting: 1/Conc

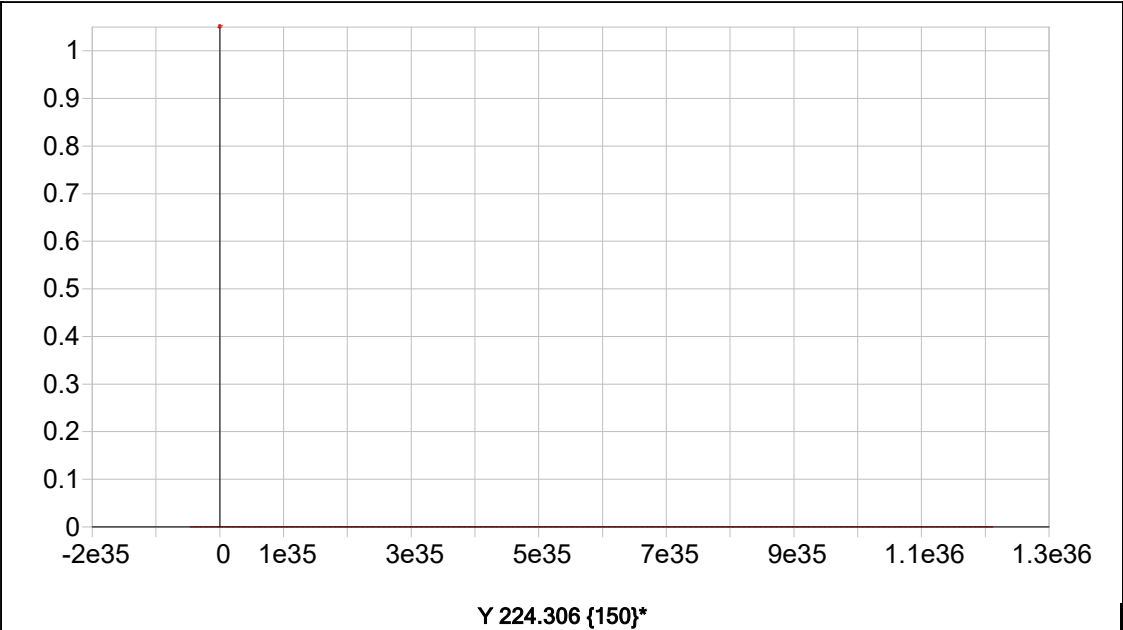
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		



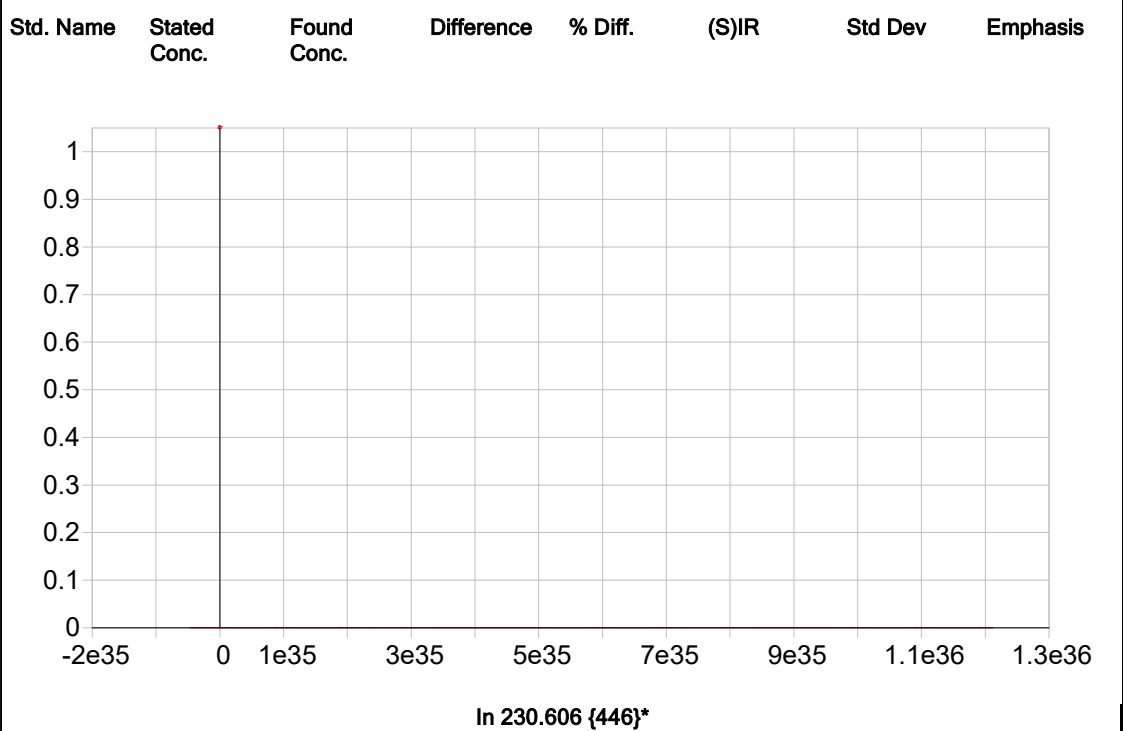
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





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				
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				



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: 1/20/2025 10:21:52 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	-.00004	-.00002	-.00006	.00048	.00055	.00060	.05949	-.00051
Stddev	.00026	.00009	.00029	.00014	.00020	.00023	.00153	.00044
%RSD	677.61	381.68	476.10	29.771	35.970	38.481	2.5657	86.060
#1	.00027	-.00012	-.00013	.00044	.00077	.00078	.05782	-.00044
#2	-.00019	.00002	.00026	.00036	.00046	.00034	.06082	-.00011
#3	-.00019	.00004	-.00030	.00064	.00041	.00067	.05982	-.00098
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	.00005	.00113	.00002	-.00000	-.00062	-.00004	-.00016	-.00038
Stddev	.00014	.00071	.00010	.00019	.00008	.00004	.00022	.00016
%RSD	270.52	62.646	445.86	7055.2	12.655	87.896	133.23	41.683
#1	-.00010	.00043	.00014	-.00001	-.00071	-.00004	-.00008	-.00055
#2	.00008	.00185	-.00001	-.00018	-.00056	-.00008	-.00041	-.00023
#3	.00018	.00112	-.00006	.00019	-.00058	-.00001	-.00000	-.00037
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	-.00005	-.00158	.00239	.00012	.00489	-.00078	.00481	.00021
Stddev	.00018	.00005	.00016	.00021	.00072	.00015	.00014	.00009
%RSD	390.35	3.3301	6.5483	176.03	14.723	18.641	2.8979	41.292
#1	-.00019	-.00158	.00222	.00020	.00567	-.00076	.00497	.00014
#2	.00016	-.00163	.00241	-.00012	.00477	-.00065	.00471	.00019
#3	-.00011	-.00153	.00253	.00027	.00424	-.00093	.00476	.00031
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	.00027	.00235	.00019	-.00163	.00041	.00919	-.00008	
Stddev	.00005	.00018	.00006	.00005	.00010	.00041	.00007	
%RSD	19.660	7.8060	29.472	3.2927	25.028	4.4535	80.681	
#1	.00026	.00228	.00012	-.00157	.00032	.00959	-.00001	
#2	.00033	.00222	.00021	-.00165	.00052	.00877	-.00010	
#3	.00022	.00256	.00023	-.00167	.00039	.00922	-.00014	

Sample Name: S0 Acquired: 1/20/2025 10:21:52 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2765.3	53126.	9562.4	2012.7	4041.6
Stddev	2.0	236.	65.5	3.6	5.3
%RSD	.07179	.44461	.68469	.17846	.13114
#1	2765.2	53353.	9637.8	2014.8	4037.2
#2	2763.4	53143.	9520.4	2014.8	4040.2
#3	2767.4	52881.	9528.9	2008.6	4047.5

Sample Name: S1 Acquired: 1/20/2025 10:26:19 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	.00113	.00257	.00286	.00222	.00942	.00924	.34151	.03261
Stddev	.00006	.00009	.00009	.00012	.00027	.00028	.00197	.00015
%RSD	5.2057	3.3547	2.9898	5.4651	2.8786	3.0513	.57649	.47323
#1	.00107	.00250	.00279	.00230	.00970	.00943	.34378	.03263
#2	.00118	.00256	.00296	.00229	.00916	.00891	.34058	.03245
#3	.00115	.00267	.00284	.00208	.00941	.00936	.34019	.03275
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	.01554	.12704	.00243	.02891	.01645	.00048	.01468	.04308
Stddev	.00003	.00062	.00005	.00010	.00032	.00004	.00004	.00034
%RSD	.21494	.48929	1.8984	.33596	1.9679	7.6638	.27494	.79598
#1	.01557	.12765	.00238	.02882	.01610	.00047	.01468	.04348
#2	.01551	.12641	.00242	.02901	.01673	.00045	.01472	.04288
#3	.01553	.12706	.00247	.02889	.01653	.00053	.01464	.04289
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	.02779	.00126	.04490	.00535	.14916	.01013	.05937	.14977
Stddev	.00012	.00004	.00016	.00007	.00139	.00032	.00043	.00039
%RSD	.42398	3.1668	.36014	1.2520	.93127	3.1859	.73138	.26255
#1	.02791	.00131	.04508	.00542	.15037	.01043	.05902	.14940
#2	.02768	.00123	.04479	.00528	.14764	.00979	.05923	.15018
#3	.02777	.00125	.04481	.00534	.14948	.01017	.05986	.14973
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	.00549	.02306	.00226	-.00085	.00092	.02782	.26740	
Stddev	.00006	.00045	.00005	.00004	.00005	.00130	.00182	
%RSD	1.0808	1.9679	2.3322	4.7083	5.2494	4.6677	.68003	
#1	.00547	.02293	.00221	-.00088	.00092	.02903	.26913	
#2	.00545	.02357	.00228	-.00081	.00087	.02645	.26551	
#3	.00556	.02269	.00231	-.00087	.00097	.02799	.26757	

Sample Name: S1 Acquired: 1/20/2025 10:26:19 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2740.9	52432.	9313.0	1972.6	4009.4
Stddev	3.9	164.	19.4	7.0	4.9
%RSD	.14379	.31227	.20883	.35733	.12137
#1	2745.4	52251.	9291.6	1965.4	4012.8
#2	2738.4	52570.	9317.7	1979.4	4003.8
#3	2738.8	52474.	9329.7	1973.1	4011.6

Sample Name: S2 Acquired: 1/20/2025 10:30:44 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	.05188	.05973	.24303	.07622	.16736	.14768	5.5691	.25153
Stddev	.00011	.00122	.00058	.00043	.00066	.00087	.0311	.00066
%RSD	.22122	2.0430	.23688	.56806	.39612	.58901	.55901	.26361
#1	.05185	.06110	.24318	.07663	.16811	.14848	5.6050	.25219
#2	.05178	.05876	.24351	.07577	.16712	.14676	5.5532	.25086
#3	.05200	.05933	.24239	.07627	.16685	.14782	5.5491	.25155
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	1.1839	.29424	.04658	.44693	.18138	.00522	.33762	.09409
Stddev	.0023	.00130	.00022	.00034	.00026	.00002	.00103	.00024
%RSD	.19124	.44041	.46261	.07710	.14411	.33186	.30404	.25176
#1	1.1847	.29573	.04683	.44696	.18146	.00520	.33879	.09382
#2	1.1857	.29358	.04648	.44726	.18108	.00523	.33687	.09419
#3	1.1814	.29340	.04644	.44658	.18159	.00523	.33721	.09427
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	.32301	.06407	.10617	.06414	1.6110	.02530	.50187	.68627
Stddev	.00070	.00007	.00020	.00019	.0032	.00020	.00064	.00182
%RSD	.21611	.10596	.19159	.29694	.19817	.79416	.12821	.26549
#1	.32278	.06406	.10641	.06422	1.6116	.02551	.50223	.68837
#2	.32380	.06400	.10604	.06393	1.6139	.02511	.50226	.68526
#3	.32246	.06414	.10607	.06429	1.6076	.02527	.50113	.68518
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	.11862	.49435	.00635	.03212	.02408	.90386	12.762	
Stddev	.00005	.00242	.00006	.00014	.00017	.00414	.060	
%RSD	.03935	.48890	.94932	.42101	.69694	.45788	.47326	
#1	.11867	.49714	.00642	.03228	.02423	.90864	12.832	
#2	.11858	.49299	.00635	.03205	.02390	.90125	12.728	
#3	.11861	.49293	.00629	.03203	.02411	.90171	12.726	

Sample Name: S2 Acquired: 1/20/2025 10:30:44 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2665.0	51718.	9453.9	1931.4	3850.0
Stddev	2.3	33.	8.1	2.8	4.4
%RSD	.08460	.06343	.08592	.14725	.11384
#1	2662.9	51688.	9457.7	1928.2	3850.8
#2	2664.6	51712.	9459.5	1932.7	3845.2
#3	2667.4	51753.	9444.6	1933.4	3853.9

Sample Name: S3 Acquired: 1/20/2025 10:34:55 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	.14551	.16697	.68094	.21248	.46741	.41600	15.359	.70136
Stddev	.00052	.00099	.00068	.00056	.00102	.00071	.098	.00156
%RSD	.35979	.59066	.10005	.26533	.21888	.17013	.63771	.22204

#1	.14603	.16801	.68172	.21311	.46858	.41550	15.310	.70207
#2	.14550	.16604	.68048	.21204	.46667	.41570	15.295	.69957
#3	.14499	.16687	.68061	.21227	.46699	.41681	15.472	.70243

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	3.3120	.81507	.13064	1.2457	.50134	.01461	.92488	.26345
Stddev	.0034	.00280	.00025	.0015	.00083	.00010	.00636	.00115
%RSD	.10379	.34311	.18950	.11792	.16565	.66062	.68759	.43688

#1	3.3156	.81403	.13041	1.2473	.50225	.01460	.92303	.26313
#2	3.3119	.81295	.13062	1.2455	.50114	.01452	.91965	.26249
#3	3.3087	.81824	.13090	1.2443	.50062	.01471	.93196	.26473

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	.89868	.17943	.29888	.18059	4.4707	.07338	1.3755	1.9041
Stddev	.00155	.00061	.00039	.00044	.0214	.00012	.0024	.0038
%RSD	.17216	.34035	.13085	.24393	.47885	.16234	.17230	.19886

#1	.90042	.18012	.29848	.18008	4.4953	.07351	1.3780	1.9085
#2	.89817	.17921	.29926	.18088	4.4608	.07336	1.3733	1.9019
#3	.89745	.17896	.29891	.18080	4.4560	.07327	1.3751	1.9019

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	.33315	1.3669	.01778	.09506	.06786	2.4956	35.132	
Stddev	.00061	.0058	.00007	.00011	.00006	.0133	.288	
%RSD	.18323	.42170	.42102	.11590	.08717	.53296	.81950	

#1	.33385	1.3635	.01785	.09499	.06793	2.4905	35.273	
#2	.33271	1.3637	.01770	.09500	.06783	2.4856	34.801	
#3	.33290	1.3735	.01778	.09518	.06783	2.5107	35.323	

Sample Name: S3 Acquired: 1/20/2025 10:34:55 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2612.9	50089.	9338.3	1851.6	3729.1
Stddev	6.0	18.	29.1	5.2	7.1
%RSD	.23005	.03630	.31205	.27884	.18969
#1	2613.1	50081.	9347.7	1845.7	3733.4
#2	2606.8	50109.	9361.6	1853.7	3720.9
#3	2618.8	50076.	9305.7	1855.4	3732.9

Sample Name: S4 Acquired: 1/20/2025 10:39:09 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	.26892	.31065	1.2572	.39070	.86518	.78270	28.703	1.3253
Stddev	.00116	.00366	.0021	.00156	.00097	.00185	.263	.0098
%RSD	.43056	1.1773	.16728	.40046	.11227	.23640	.91646	.73707

#1	.26850	.30815	1.2578	.38904	.86406	.78332	28.496	1.3322
#2	.26803	.30896	1.2548	.39091	.86582	.78062	28.614	1.3141
#3	.27023	.31485	1.2589	.39215	.86565	.78416	28.999	1.3296

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	6.1395	1.5270	.23773	2.3105	.92125	.02654	1.7317	.49779
Stddev	.0100	.0035	.00031	.0046	.00146	.00012	.0113	.00205
%RSD	.16333	.22798	.13045	.19956	.15848	.44140	.65480	.41115

#1	6.1386	1.5289	.23809	2.3079	.91961	.02640	1.7422	.49975
#2	6.1300	1.5229	.23755	2.3077	.92172	.02661	1.7196	.49566
#3	6.1500	1.5290	.23755	2.3158	.92241	.02660	1.7332	.49794

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	1.6596	.32962	.54251	.33960	8.1720	.13519	2.6295	3.5155
Stddev	.0053	.00051	.00341	.00090	.0216	.00043	.0213	.0080
%RSD	.31731	.15493	.62916	.26499	.26406	.31724	.81036	.22621

#1	1.6581	.33018	.54014	.33996	8.1951	.13514	2.6407	3.5109
#2	1.6553	.32952	.54642	.33857	8.1684	.13564	2.6049	3.5109
#3	1.6655	.32917	.54096	.34026	8.1524	.13478	2.6428	3.5247

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	.61865	2.5767	.03233	.18264	.12759	4.7288	65.889	
Stddev	.00165	.0094	.00002	.00104	.00038	.0149	.254	
%RSD	.26656	.36378	.04649	.57131	.29999	.31554	.38486	

#1	.61923	2.5812	.03234	.18160	.12722	4.7378	66.159	
#2	.61679	2.5659	.03234	.18265	.12756	4.7116	65.656	
#3	.61994	2.5829	.03231	.18368	.12798	4.7370	65.852	

Sample Name: S4 Acquired: 1/20/2025 10:39:09 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2586.7	50283.	9017.2	1847.2	3648.7
Stddev	6.3	69.	72.9	7.1	10.5
%RSD	.24544	.13821	.80827	.38417	.28782
#1	2588.5	50211.	8962.3	1839.3	3650.8
#2	2592.0	50287.	9099.9	1853.0	3658.0
#3	2579.7	50350.	8989.5	1849.3	3637.3

Sample Name: S5 Acquired: 1/20/2025 10:43:29 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	.56067	.65179	2.6272	.81042	1.8222	1.7311	62.056	2.8492
Stddev	.00207	.00304	.0043	.00243	.0063	.0045	.456	.0040
%RSD	.37006	.46603	.16409	.29987	.34319	.26217	.73442	.14169
#1	.55835	.64883	2.6256	.80813	1.8162	1.7354	61.545	2.8537
#2	.56130	.65163	2.6239	.81017	1.8218	1.7315	62.202	2.8458
#3	.56235	.65490	2.6321	.81297	1.8287	1.7264	62.421	2.8482
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	12.842	3.3209	.49201	4.8742	1.8920	.05586	3.7610	1.0881
Stddev	.016	.0094	.00122	.0066	.0015	.00009	.0076	.0019
%RSD	.12711	.28228	.24782	.13597	.08213	.15678	.20069	.17509
#1	12.838	3.3305	.49105	4.8736	1.8902	.05579	3.7685	1.0903
#2	12.829	3.3118	.49338	4.8679	1.8929	.05584	3.7534	1.0873
#3	12.860	3.3205	.49161	4.8811	1.8929	.05596	3.7610	1.0867
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	3.4680	.69091	1.1670	.74674	17.191	.29323	5.6605	7.4156
Stddev	.0047	.00033	.0027	.00266	.049	.00040	.0103	.0163
%RSD	.13689	.04712	.23099	.35661	.28567	.13636	.18264	.21977
#1	3.4673	.69079	1.1669	.74956	17.148	.29282	5.6695	7.4018
#2	3.4636	.69128	1.1697	.74639	17.244	.29362	5.6492	7.4114
#3	3.4730	.69066	1.1643	.74427	17.181	.29326	5.6627	7.4336
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	1.2897	5.6479	.06988	.38258	.26887	10.537	142.64	
Stddev	.0030	.0092	.00018	.00008	.00034	.021	.87	
%RSD	.23275	.16318	.25940	.01963	.12711	.19943	.60851	
#1	1.2880	5.6585	.06967	.38267	.26848	10.546	141.78	
#2	1.2880	5.6437	.07001	.38253	.26902	10.552	142.63	
#3	1.2932	5.6416	.06996	.38255	.26911	10.513	143.52	

Sample Name: S5 Acquired: 1/20/2025 10:43:29 Type: Cal
Method: NON EPA-6010-200.7(v2491) 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	2557.4	49144.	8571.1	1745.6	3567.2
Stddev	3.9	14.	17.5	1.5	2.7
%RSD	.15160	.02802	.20361	.08436	.07580
#1	2561.7	49133.	8553.2	1747.3	3569.7
#2	2555.9	49159.	8588.1	1745.0	3567.6
#3	2554.4	49140.	8571.9	1744.5	3564.3

Sample Name: ICV01 Acquired: 1/20/2025 10:47:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.019514	1.032566	1.003189	1.028606	1.020296	2.413334
Stddev	.003024	.015672	.001584	.003420	.002229	.004807
%RSD	.2966592	1.517725	.1578829	.3325346	.2184408	.1991845
#1	1.018927	1.023350	1.003763	1.025525	1.019116	2.418733
#2	1.016825	1.023688	1.004406	1.028006	1.018906	2.409518
#3	1.022788	1.050661	1.001399	1.032286	1.022867	2.411752
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4715068	.4825346	.5007231	9.564947	.5313443	.5044685
Stddev	.0005546	.0049287	.0009032	.018251	.0006292	.0007782
%RSD	.1176285	1.021411	.1803757	.1908083	.1184213	.1542588
#1	.4721458	.4881731	.5009342	9.585272	.5309699	.5050935
#2	.4711510	.4790468	.5015020	9.559607	.5320708	.5047151
#3	.4712236	.4803839	.4997330	9.549962	.5309922	.5035969
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189331	9.805471	.4831144	5.663697	.5072897	.2550076
Stddev	.0011750	.083141	.0008655	.002488	.0010783	.0006423
%RSD	.2264180	.8479075	.1791528	.0439372	.2125630	.2518795
#1	.5197353	9.717647	.4835394	5.666570	.5077290	.2556320
#2	.5194796	9.882963	.4821186	5.662199	.5080789	.2550421
#3	.5175845	9.815803	.4836853	5.662323	.5060610	.2543488
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.684441	.4813426	1.011621	9.614089	F .0271088	F -.000298
Stddev	.082398	.0022185	.002342	.093011	.0002407	.000322
%RSD	.8508271	.4609076	.2315490	.9674409	.8880470	108.0711
#1	9.589822	.4818932	1.014144	9.521765	.0271496	-.000365
#2	9.740402	.4832339	1.009515	9.707771	.0273266	-.000582
#3	9.723098	.4789005	1.011204	9.612731	.0268503	.000052

Sample Name: ICV01 Acquired: 1/20/2025 10:47:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	F -.002005	F -.000336	F -.004116	F .0031223	F -.004712	F -.002342
Stddev	.000245	.000344	.003222	.0012611	.002015	.000521
%RSD	12.21112	102.4135	78.28583	40.38999	42.76231	22.25169
#1	-.001874	-.000342	-.000589	.0042866	-.007028	-.002714
#2	-.001854	-.000676	-.004853	.0017828	-.003362	-.002564
#3	-.002288	.000011	-.006905	.0032976	-.003746	-.001746

Elem	Sr4077
Units	ppm
Avg	F -.008590
Stddev	.000093
%RSD	1.078616
#1	-.008491
#2	-.008675
#3	-.008603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.604	52347.67	9759.675	1862.490	4032.082
Stddev	3.239	59.51	91.702	1.278	7.451
%RSD	.1188880	.1136756	.9396022	.0686444	.1847861
#1	2727.460	52341.13	9658.012	1861.044	4031.319
#2	2721.084	52410.17	9836.153	1863.471	4025.042
#3	2725.266	52291.70	9784.861	1862.953	4039.884

Sample Name: LLICV01 Acquired: 1/20/2025 10:53:58 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0206557	.0393938	.0125294	.0187675	.0507332	.0992769
Stddev	.0019350	.0017352	.0009379	.0022367	.0002909	.0093033
%RSD	9.367752	4.404848	7.485594	11.91778	.5732879	9.371105

#1	.0193994	.0375599	.0134008	.0212946	.0510499	.1076950
#2	.0196837	.0410098	.0115368	.0170422	.0504780	.1008475
#3	.0228840	.0396118	.0126508	.0179658	.0506717	.0892882

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862863	.0057047	.0059009	1.893089	.0097063	.0294098
Stddev	.0016170	.0000342	.0000449	.011809	.0002130	.0000851
%RSD	1.873952	.5993052	.7602625	.6238027	2.194476	.2892900

#1	.0849508	.0056980	.0058532	1.886509	.0095924	.0294595
#2	.0880840	.0057418	.0059073	1.906722	.0095745	.0293116
#3	.0858240	.0056744	.0059422	1.886036	.0099521	.0294583

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223714	.1022887	.0190272	1.992775	.0392292	.0114119
Stddev	.0002198	.0037967	.0001182	.007222	.0000897	.0004182
%RSD	.9826805	3.711768	.6209475	.3624026	.2287203	3.664700

#1	.0226248	.1037550	.0189301	1.984950	.0393016	.0117631
#2	.0222317	.0979775	.0189927	1.999184	.0392573	.0115233
#3	.0222578	.1051336	.0191587	1.994191	.0391288	.0109493

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.943865	.0370625	.0434956	1.894343	.0956357	.2062510
Stddev	.007800	.0009369	.0005607	.021200	.0008255	.0004290
%RSD	.4012828	2.527773	1.289128	1.119131	.8631608	.2079825

#1	1.939722	.0366447	.0441301	1.903090	.0961684	.2057812
#2	1.939010	.0381355	.0432900	1.870169	.0960540	.2063497
#3	1.952862	.0364072	.0430668	1.909770	.0946848	.2066220

Sample Name: LLICV01 Acquired: 1/20/2025 10:53:58 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0383948	.0365323	.3312416	F .0151431	F .0133705	F .0157372
Stddev	.0002060	.0007529	.0071031	.0012391	.0033306	.0008009
%RSD	.5364287	2.061052	2.144393	8.182476	24.90999	5.089187
#1	.0386288	.0373035	.3382089	.0137694	.0098437	.0149257
#2	.0383151	.0357990	.3240101	.0161765	.0138056	.0157587
#3	.0382407	.0364943	.3315058	.0154833	.0164622	.0165271

Elem	Sr4077
Units	ppm
Avg	.0182453
Stddev	.0000704
%RSD	.3855604
#1	.0182494
#2	.0183136
#3	.0181731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.093	50834.77	9812.543	1823.216	4055.619
Stddev	5.342	197.66	30.895	8.425	10.931
%RSD	.1966633	.3888283	.3148490	.4620791	.2695303
#1	2711.022	50936.17	9822.111	1817.096	4044.720
#2	2715.587	50961.15	9777.997	1832.825	4055.554
#3	2721.669	50606.99	9837.522	1819.728	4066.582

Sample Name: ICB01 Acquired: 1/20/2025 11:01:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000326	-.001231	-.000265	.0013320	-.001651	-.003525	-.001481
Stddev	.000898	.000247	.000824	.0026103	.001888	.007844	.000669
%RSD	275.8439	20.05110	310.9623	195.9658	114.3535	222.5420	45.12537

#1	.000322	-.000968	-.001198	.0009672	-.001873	.002317	-.002181
#2	-.001351	-.001457	.000362	.0041056	.000338	-.000450	-.000850
#3	.000053	-.001267	.000041	-.001077	-.003417	-.012441	-.001413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000569	-.000006	-.009975	-.000203	.0001013	-.000220	.0027034
Stddev	.0000403	.000088	.005738	.000276	.0002363	.000482	.0042083
%RSD	70.72682	1546.681	57.52459	136.2591	233.1512	218.8066	155.6685

#1	.0000286	-.000079	-.006267	-.000204	.0003736	-.000254	-.000572
#2	.0001030	-.000029	-.016585	-.000479	-.000019	.000278	.001232
#3	.0000392	.000091	-.007074	.000074	-.000050	-.000684	.007450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0058727	.0000587	.0009257	-.060553	-.000361	-.000830
Stddev	.000158	.0092331	.0001351	.0004208	.005017	.001036	.000296
%RSD	257.5102	157.2204	230.2851	45.45237	8.284490	286.9476	35.67812

#1	-.000242	.0155835	-.000013	.0008563	-.064772	-.000726	-.001095
#2	.000051	.0048283	-.000026	.0005440	-.055006	.000808	-.000510
#3	.000006	-.002794	.000214	.0013769	-.061882	-.001166	-.000886

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082632	-.003845	-.000202	-.000706	.0004065	.0026596	-.003399
Stddev	.031278	.000502	.000300	.000422	.0002921	.0055527	.001534
%RSD	37.85153	13.05850	148.6432	59.78741	71.83609	208.7746	45.12709

#1	-.050175	-.004364	-.000361	-.001192	.0001692	.0044771	-.002587
#2	-.112579	-.003361	.000144	-.000423	.0003177	.0070758	-.005169
#3	-.085143	-.003810	-.000389	-.000504	.0007327	-.003574	-.002442

Sample Name: ICB01 Acquired: 1/20/2025 11:01:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.007101	-.001575	-.000027
Stddev	.004053	.000292	.000060
%RSD	57.07763	18.53239	224.0960

#1	-.010101	-.001864	-.000096
#2	-.002490	-.001579	.000012
#3	-.008712	-.001280	.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.066	49925.55	9626.496	1784.037	3935.115
Stddev	7.238	59.15	35.004	5.661	9.634
%RSD	.2749936	.1184723	.3636206	.3173239	.2448292

#1	2628.348	49878.52	9666.625	1786.715	3926.468
#2	2640.407	49906.18	9602.248	1777.534	3945.500
#3	2627.442	49991.96	9610.614	1787.862	3933.377

Sample Name: CRI01 Acquired: 1/20/2025 11:06:00 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222254	.0408500	.0121812	.0194326	.0523103	.1043127	.0881531
Stddev	.0029693	.0011991	.0006915	.0022380	.0014171	.0026872	.0004185
%RSD	13.36016	2.935316	5.676510	11.51685	2.709077	2.576103	.4747464

#1	.0251423	.0399960	.0128465	.0188926	.0538816	.1022727	.0885489
#2	.0192063	.0422208	.0122309	.0175139	.0511290	.1073575	.0881953
#3	.0223276	.0403331	.0114663	.0218912	.0519204	.1033078	.0877151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058012	.0061501	1.918339	.0102898	.0301435	.0224397	.0984908
Stddev	.0000150	.0001524	.006538	.0002443	.0001460	.0002739	.0032520
%RSD	.2583987	2.477793	.3408213	2.374475	.4842837	1.220799	3.301836

#1	.0058185	.0061849	1.924677	.0100673	.0300033	.0225762	.0995420
#2	.0057928	.0062820	1.918722	.0102507	.0302946	.0226186	.1010872
#3	.0057923	.0059833	1.911618	.0105513	.0301325	.0221243	.0948432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192498	2.039799	.0403461	.0111116	1.923354	.0380543	.0430406
Stddev	.0001201	.024327	.0000925	.0001395	.003690	.0007092	.0000988
%RSD	.6236298	1.192605	.2291831	1.255146	.1918564	1.863731	.2294822

#1	.0193813	2.021170	.0402414	.0110362	1.920616	.0374634	.0431486
#2	.0191462	2.030907	.0404164	.0110261	1.927550	.0378587	.0430185
#3	.0192218	2.067321	.0403806	.0112725	1.921896	.0388408	.0429548

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.878467	.0911393	.2091605	.0400182	.0366633	.3228095	.0175983
Stddev	.046402	.0005970	.0009629	.0005024	.0005513	.0058737	.0018174
%RSD	2.470213	.6550769	.4603708	1.255486	1.503597	1.819547	10.32698

#1	1.852613	.0904521	.2102265	.0394455	.0360792	.3241485	.0166931
#2	1.932037	.0915305	.2089009	.0402239	.0371744	.3163819	.0196906
#3	1.850751	.0914353	.2083539	.0403851	.0367362	.3278980	.0164113

Sample Name: CRI01 Acquired: 1/20/2025 11:06:00 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0167695	.0168873	.0183917
Stddev	.0031158	.0008927	.0000214
%RSD	18.57991	5.286436	.1161618
#1	.0171610	.0158565	.0184125
#2	.0196710	.0173943	.0183929
#3	.0134765	.0174111	.0183698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.447	50702.22	9567.746	1813.555	3846.860
Stddev	8.813	164.62	10.069	4.881	7.325
%RSD	.3379751	.3246818	.1052365	.2691663	.1904188
#1	2603.195	50822.76	9579.300	1814.841	3842.946
#2	2601.566	50514.66	9560.851	1808.159	3842.324
#3	2617.579	50769.25	9563.086	1817.664	3855.311

Sample Name: ICSA01 Acquired: 1/20/2025 11:10:25 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0003753	.0144105	.0065938	-.011514	-.002922	240.1726
Stddev	.0032841	.0037526	.0019033	.002567	.002166	.3110
%RSD	874.9707	26.04078	28.86482	22.29399	74.11414	.1295028

#1	-.002877	.0101223	.0050008	-.011745	-.000708	240.0861
#2	.003690	.0160156	.0087015	-.008839	-.003022	240.5178
#3	.000313	.0170936	.0060791	-.013958	-.005036	239.9140

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025602	.0013381	-.001395	224.3583	.0575311	.0015902
Stddev	.0010351	.0000707	.000057	.5935	.0004028	.0002299
%RSD	40.43190	5.284473	4.070618	.2645536	.7001444	14.45511

#1	.0013655	.0012567	-.001440	223.8058	.0571670	.0017763
#2	.0031900	.0013837	-.001331	224.9858	.0579638	.0013332
#3	.0031251	.0013740	-.001413	224.2834	.0574625	.0016612

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157461	98.69133	.0048924	241.6952	.0027557	-.000920
Stddev	.0007107	.58173	.0002512	.4745	.0008144	.000251
%RSD	4.513596	.5894439	5.133386	.1963040	29.55484	27.30399

#1	.0159880	98.30846	.0049322	241.3656	.0035735	-.001113
#2	.0163043	98.40479	.0046237	242.2390	.0027487	-.000636
#3	.0149460	99.36075	.0051213	241.4811	.0019447	-.001010

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012088	.0073686	.0031042	-.066881	.0344185	-.000362
Stddev	.005428	.0008932	.0004128	.045399	.0010387	.000142
%RSD	44.90284	12.12128	13.29958	67.88014	3.017815	39.12031

#1	-.014505	.0082431	.0029855	-.022430	.0352834	-.000513
#2	-.005872	.0074049	.0035634	-.113172	.0332665	-.000343
#3	-.015887	.0064578	.0027637	-.065042	.0347057	-.000232

Sample Name: ICSA01 Acquired: 1/20/2025 11:10:25 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.002902	-.001482	.0118749	-.001576	F -.023164	F -.036762
Stddev	.000389	.000318	.0058057	.001016	.001940	.000597
%RSD	13.41338	21.48915	48.89031	64.48009	8.374626	1.625046
#1	-.002774	-.001210	.0179242	-.000755	-.021108	-.037391
#2	-.002593	-.001403	.0113523	-.002712	-.023424	-.036693
#3	-.003340	-.001832	.0063482	-.001260	-.024961	-.036202

Elem	Sr4077
Units	ppm
Avg	-.005620
Stddev	.000672
%RSD	11.95142
#1	-.005543
#2	-.004991
#3	-.006327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.676	46603.62	9370.034	1669.617	3369.073
Stddev	5.212	121.48	30.874	6.200	8.561
%RSD	.2145313	.2606717	.3294945	.3713382	.2540941
#1	2433.489	46696.51	9382.566	1675.884	3378.572
#2	2423.736	46648.21	9334.865	1669.479	3361.956
#3	2431.803	46466.14	9392.672	1663.487	3366.690

Sample Name: ICSAB01 Acquired: 1/20/2025 11:19:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.1082444	.0938043	.0561212	.0354674	.6386317	242.5997
Stddev	.0020634	.0030709	.0013523	.0037381	.0034300	2.7229
%RSD	1.906212	3.273680	2.409668	10.53940	.5370789	1.122391

#1	.1086789	.0922683	.0557390	.0334964	.6391412	240.9166
#2	.1059984	.0973401	.0550010	.0331273	.6417784	241.1413
#3	.1100559	.0918046	.0576235	.0397785	.6349755	245.7412

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4558784	.4747913	.9926563	223.9607	.5785647	.5020574
Stddev	.0058849	.0057731	.0043505	2.8064	.0015428	.0022530
%RSD	1.290898	1.215933	.4382687	1.253068	.2666679	.4487448

#1	.4512580	.4696514	.9974178	221.8875	.5803362	.5045951
#2	.4538733	.4736850	.9916625	222.8404	.5775155	.5012846
#3	.4625038	.4810375	.9888887	227.1542	.5778423	.5002926

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5046699	98.80132	.4466429	241.4586	.9900593	.2218357
Stddev	.0019482	.42474	.0049209	2.9059	.0040963	.0002437
%RSD	.3860437	.4298974	1.101756	1.203459	.4137403	.1098552

#1	.5064264	99.21155	.4430705	239.2568	.9944672	.2218625
#2	.5050088	98.36342	.4446023	240.3668	.9893410	.2215797
#3	.5025744	98.82901	.4522558	244.7522	.9863697	.2220649

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018476	.4660756	1.067184	-.022611	F .0310094	F .0000707
Stddev	.000131	.0053343	.002579	.014203	.0005692	.0001949
%RSD	.7093649	1.144512	.2417104	62.81313	1.835498	275.6204

#1	-.018507	.4632844	1.067450	-.031532	.0316390	.0002954
#2	-.018589	.4627160	1.064481	-.006233	.0308577	-.000053
#3	-.018332	.4722264	1.069619	-.030069	.0305314	-.000031

Sample Name: ICSAB01 Acquired: 1/20/2025 11:19:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	F -.004077	F -.002356	F .0077603	F .0024750	F -.018967	F -.037684
Stddev	.001147	.000020	.0090481	.0017115	.004940	.000976
%RSD	28.13473	.8456358	116.5948	69.15410	26.04490	2.589040
#1	-.003368	-.002334	.0131305	.0038905	-.020629	-.036820
#2	-.005400	-.002363	.0128367	.0029615	-.013410	-.037488
#3	-.003462	-.002372	-.002686	.0005728	-.022861	-.038742

Elem	Sr4077
Units	ppm
Avg	F -.006559
Stddev	.001321
%RSD	20.14322
#1	-.007754
#2	-.006783
#3	-.005140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.870	45790.63	9400.732	1601.796	3376.143
Stddev	10.806	127.04	113.048	4.290	12.440
%RSD	.4476812	.2774459	1.202546	.2678399	.3684748
#1	2407.103	45653.20	9498.127	1598.920	3366.709
#2	2408.175	45903.79	9427.304	1606.727	3371.480
#3	2426.333	45814.89	9276.764	1599.741	3390.242

Sample Name: ICSADLX20 Acquired: 1/20/2025 11:23:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002250	-.000927	-.000024	-.000460	-.001345	11.72682	-.003590
Stddev	.003118	.001107	.001181	.001025	.001250	.00378	.000622
%RSD	138.5598	119.4152	4930.408	222.9745	92.89729	.0322513	17.32159

#1	-.001818	-.002074	.000826	-.000777	-.001658	11.72709	-.004015
#2	.000629	-.000844	-.001373	-.001289	-.002409	11.73046	-.002876
#3	-.005562	.000136	.000475	.000686	.000031	11.72291	-.003878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001795	-.000101	11.27701	.0024116	.0000245	.0009427	4.670579
Stddev	.0000372	.000035	.02880	.0003277	.0002345	.0005288	.029951
%RSD	20.72163	34.64138	.2553773	13.58813	958.5451	56.09822	.6412716

#1	.0001954	-.000140	11.26096	.0026362	.0002083	.0010070	4.665544
#2	.0001370	-.000071	11.31026	.0020356	-.000240	.0003846	4.702729
#3	.0002061	-.000094	11.25981	.0025630	.000105	.0014364	4.643465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004660	11.64829	-.000035	.0013849	-.046283	.0000201	-.000499
Stddev	.0002385	.04425	.000178	.0001885	.005384	.0017361	.000258
%RSD	51.17070	.3799237	509.2195	13.60876	11.63216	8637.149	51.64467

#1	.0002238	11.59888	.000167	.0014695	-.051932	.0020222	-.000455
#2	.0004737	11.68428	-.000167	.0011690	-.045707	-.001068	-.000266
#3	.0007005	11.66170	-.000105	.0015163	-.041211	-.000894	-.000776

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.084887	-.004965	-.000038	-.001716	-.000207	.0066361	-.000537
Stddev	.004010	.000502	.000083	.000228	.000792	.0035675	.000995
%RSD	4.723815	10.10512	219.9082	13.28929	382.7929	53.75866	185.4093

#1	-.080456	-.005539	-.000107	-.001836	-.000805	.0069554	.000107
#2	-.085939	-.004611	.000055	-.001859	-.000507	.0029197	-.000034
#3	-.088266	-.004745	-.000062	-.001453	.000692	.0100332	-.001683

Sample Name: ICSADLX20 Acquired: 1/20/2025 11:23:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000430	-.003155	-.000126
Stddev	.003157	.001399	.000030
%RSD	734.3875	44.33494	23.52894
#1	.003093	-.001814	-.000093
#2	-.001379	-.003045	-.000150
#3	-.003003	-.004605	-.000135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.253	51286.02	9629.573	1791.577	3904.246
Stddev	4.156	54.47	30.030	8.560	9.422
%RSD	.1577002	.1062059	.3118475	.4778165	.2413328
#1	2636.046	51263.92	9648.316	1792.649	3911.793
#2	2630.757	51348.07	9645.467	1799.550	3893.686
#3	2638.954	51246.08	9594.937	1782.531	3907.260

Sample Name: ICSABDLX20 Acquired: 1/20/2025 11:27:44 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048843	.0056905	.0014564	.0007129	.0300784	12.00023	.0205627
Stddev	.0029184	.0006446	.0012266	.0025119	.0001860	.02795	.0004660
%RSD	59.75061	11.32819	84.22237	352.3279	.6183782	.2329336	2.266424
#1	.0031009	.0063383	.0003224	.0011323	.0298985	11.97984	.0201288
#2	.0032997	.0050490	.0027583	-.001982	.0302699	11.98876	.0210553
#3	.0082522	.0056843	.0012884	.002989	.0300668	12.03209	.0205040
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242957	.0497032	11.54440	.0287772	.0247630	.0268764	4.862042
Stddev	.0002402	.0002914	.04943	.0004896	.0002595	.0000716	.027751
%RSD	.9885294	.5861711	.4281784	1.701215	1.047878	.2662117	.5707740
#1	.0240190	.0494623	11.51930	.0292008	.0246344	.0268769	4.883353
#2	.0244189	.0496203	11.51255	.0282412	.0245929	.0269477	4.830662
#3	.0244493	.0500270	11.60134	.0288897	.0250617	.0268046	4.872111
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237608	12.03827	.0494547	.0115150	-.050013	.0259903	.0520291
Stddev	.0001385	.08939	.0002978	.0001501	.004534	.0015496	.0004135
%RSD	.5829167	.7425793	.6022238	1.303866	9.066478	5.962023	.7947717
#1	.0239197	11.93707	.0491108	.0113419	-.046094	.0268643	.0522858
#2	.0236651	12.07127	.0496286	.0116103	-.048967	.0242012	.0522494
#3	.0236977	12.10647	.0496246	.0115927	-.054979	.0269055	.0515521
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104416	-.004064	.0000165	-.001517	.0001202	.0010701	-.003557
Stddev	.043449	.000613	.0002540	.000936	.0003797	.0137541	.002239
%RSD	41.61134	15.07345	1534.780	61.69160	315.9063	1285.302	62.95429
#1	-.056126	-.003807	.0001934	-.001119	-.000066	.0125666	-.006142
#2	-.140344	-.004764	.0001307	-.000846	-.000130	.0048112	-.002288
#3	-.116777	-.003622	-.000274	-.002586	.000557	-.014168	-.002241

Sample Name: ICSABDLX20 Acquired: 1/20/2025 11:27:44 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005529	-.003629	-.000188
Stddev	.000553	.001236	.000078
%RSD	10.00416	34.04880	41.40670
#1	-.005666	-.003161	-.000274
#2	-.006001	-.005030	-.000124
#3	-.004920	-.002695	-.000165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.662	51284.69	9783.806	1790.091	3984.745
Stddev	9.648	53.12	87.595	5.137	17.265
%RSD	.3613815	.1035838	.8953042	.2869443	.4332673
#1	2666.548	51310.34	9884.846	1795.893	3984.518
#2	2680.482	51320.12	9729.275	1788.259	4002.122
#3	2661.956	51223.61	9737.298	1786.122	3967.595

Sample Name: CCV01 Acquired: 1/20/2025 11:31:59 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.967477	4.951958	4.861063	5.025371	5.083483	9.703599	9.177210
Stddev	.012337	.100936	.010582	.025404	.015705	.044414	.146720
%RSD	.2483627	2.038303	.2176829	.5055225	.3089348	.4577084	1.598745
#1	4.974047	4.935022	4.848877	5.024817	5.088582	9.747262	9.343670
#2	4.975138	5.060290	4.867927	5.051048	5.096005	9.658469	9.066681
#3	4.953245	4.860561	4.866385	5.000248	5.065863	9.705065	9.121279
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2370264	2.427125	23.45469	1.002078	2.423632	1.237581	4.754173
Stddev	.0014145	.005621	.06700	.004071	.005078	.000531	.036334
%RSD	.5967741	.2315745	.2856734	.4062374	.2095109	.0429340	.7642473
#1	.2386586	2.420661	23.51636	1.006756	2.417836	1.237975	4.726332
#2	.2361585	2.429852	23.46431	1.000139	2.425761	1.237791	4.795274
#3	.2362621	2.430862	23.38339	.999339	2.427298	1.236976	4.740913
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.266368	23.63031	2.425036	1.228484	24.67596	2.385552	2.480553
Stddev	.009590	.00389	.006166	.000769	.06819	.005328	.010610
%RSD	.4231601	.0164718	.2542770	.0625714	.2763413	.2233310	.4277155
#1	2.277427	23.62832	2.417963	1.229369	24.60431	2.391640	2.492313
#2	2.260337	23.63480	2.427865	1.227981	24.68351	2.383271	2.471699
#3	2.261340	23.62782	2.429280	1.228103	24.74006	2.381745	2.477646
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.17516	4.677142	5.051956	4.864302	4.659031	4.967657	4.751177
Stddev	.07613	.018824	.014454	.017984	.007366	.026760	.021154
%RSD	.3149240	.4024745	.2861017	.3697159	.1581066	.5386918	.4452287
#1	24.12217	4.698879	5.050280	4.846268	4.667444	4.936765	4.728031
#2	24.26240	4.666293	5.067174	4.882235	4.655909	4.983703	4.769509
#3	24.14090	4.666256	5.038413	4.864403	4.653739	4.982504	4.755989

Sample Name: CCV01 Acquired: 1/20/2025 11:31:59 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.764584	4.645494	4.722152
Stddev	.015703	.012569	.060200
%RSD	.3295788	.2705533	1.274849
#1	4.763137	4.658787	4.791664
#2	4.780960	4.633804	4.687842
#3	4.749654	4.643892	4.686952

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.544	49979.46	9294.968	1716.667	3737.908
Stddev	1.126	192.87	74.269	11.226	7.421
%RSD	.0434680	.3858906	.7990209	.6539611	.1985270
#1	2591.414	49763.11	9210.138	1704.580	3745.343
#2	2590.489	50133.37	9348.280	1726.768	3737.879
#3	2592.730	50041.90	9326.485	1718.651	3730.502

Sample Name: CCB01 Acquired: 1/20/2025 11:36:41 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.003696	-.000692	-.000661	.0004886	.0002195	.0025266	-.004258
Stddev	.001511	.000865	.000393	.0016549	.0007190	.0049074	.000593
%RSD	40.86852	125.0718	59.38201	338.6721	327.5528	194.2266	13.92429

#1	-.003469	-.001257	-.001015	.0004848	-.000484	.0014590	-.004933
#2	-.005308	-.001124	-.000730	.0021454	.000953	-.001759	-.003822
#3	-.002312	.000304	-.000239	-.001164	.000190	.007880	-.004018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000588	-.000026	-.004882	-.000089	.0001010	.0001056	-.001536
Stddev	.0000195	.000111	.003758	.000244	.0001007	.0002701	.000864
%RSD	33.13089	427.7708	76.98514	273.9824	99.70682	255.7574	56.24285

#1	.0000587	-.000139	-.008740	.000078	.0002005	.0001612	-.002021
#2	.0000394	-.000023	-.001232	.000024	-.000001	-.000188	-.000539
#3	.0000783	.000084	-.004673	-.000369	.000104	.000344	-.002050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002211	.0005823	-.000091	.0011196	-.055263	-.000536	-.000154
Stddev	.0001755	.0038802	.000167	.0001567	.001370	.001645	.000226
%RSD	79.39483	666.3861	184.0666	13.99780	2.478310	307.0054	146.3793

#1	.0003959	-.000313	.000094	.0009431	-.053825	-.002434	-.000415
#2	.0000448	.004832	-.000137	.0011735	-.055412	.000474	-.000028
#3	.0002225	-.002772	-.000230	.0012423	-.056552	.000352	-.000020

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.076479	.0041053	.0000266	-.000090	.0005818	-.002589	-.004387
Stddev	.032258	.0002776	.0000884	.000027	.0006624	.007234	.000624
%RSD	42.17885	6.762889	331.9873	29.50366	113.8562	279.4140	14.22785

#1	-.099530	.0043499	.0000805	-.000116	.0007998	.002408	-.003717
#2	-.039615	.0038036	.0000749	-.000063	-.000162	.000709	-.004494
#3	-.090293	.0041624	-.000075	-.000092	.001108	-.010884	-.004951

Sample Name: CCB01 Acquired: 1/20/2025 11:36:41 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.006385	-.001502	-.000002
Stddev	.003712	.000563	.000042
%RSD	58.13187	37.44898	2403.233
#1	-.002108	-.001770	-.000046
#2	-.008767	-.000856	.000005
#3	-.008280	-.001881	.000036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.491	51617.14	9416.481	1808.304	4037.094
Stddev	8.935	15.08	64.680	3.004	9.569
%RSD	.3353442	.0292195	.6868798	.1661093	.2370350
#1	2654.175	51632.35	9461.239	1805.632	4026.229
#2	2669.489	51602.18	9342.323	1811.555	4040.783
#3	2669.809	51616.88	9445.879	1807.725	4044.270

Sample Name: Q1092-02 Acquired: 1/20/2025 11:41:02 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.006061	-.006217	.0013688	.0047453	.0028021	.0760084	.1311489
Stddev	.003875	.001385	.0011081	.0009895	.0013870	.0029039	.0006121
%RSD	63.93375	22.27585	80.95074	20.85133	49.49611	3.820505	.4667220
#1	-.002350	-.005249	.0016782	.0036212	.0037283	.0778473	.1313351
#2	-.010082	-.005599	.0001389	.0051304	.0012076	.0726607	.1316463
#3	-.005750	-.007804	.0022893	.0054844	.0034706	.0775173	.1304653
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0016583	12.47042	.0027862	.0005785	.0028712	.7260881
Stddev	.000030	.0000651	.01015	.0002524	.0000543	.0001937	.0034242
%RSD	29.25599	3.925991	.0813841	9.058791	9.393026	6.746843	.4715924
#1	-.000098	.0016281	12.48030	.0029978	.0005384	.0027192	.7231493
#2	-.000073	.0017330	12.46003	.0028540	.0005567	.0030893	.7298482
#3	-.000132	.0016137	12.47093	.0025068	.0006404	.0028052	.7252666
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596086	1.904190	.0072838	.0009941	279.8136	.0000406	5.308991
Stddev	.0003927	.014603	.0002827	.0001724	1.0884	.0009700	.011111
%RSD	.6587266	.7668656	3.880466	17.34317	.3889805	2387.640	.2092914
#1	.0592910	1.919768	.0071405	.0007971	278.5789	-.000764	5.297183
#2	.0600476	1.901989	.0071016	.0011178	280.2277	-.000231	5.319241
#3	.0594871	1.890812	.0076095	.0010672	280.6342	.001118	5.310548
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.147002	.1942066	.2654335	-.000267	.0000678	.2889070	1.461401
Stddev	.043374	.0011550	.0006494	.000556	.0009557	.0008441	.003331
%RSD	2.020190	.5947523	.2446433	208.2433	1408.456	.2921601	.2279389
#1	2.171950	.1952593	.2646887	.000111	.0011405	.2885289	1.465149
#2	2.096918	.1943895	.2658809	-.000906	-.000244	.2883180	1.458777
#3	2.172137	.1929710	.2657310	-.000007	-.000693	.2898740	1.460277

Sample Name: Q1092-02 Acquired: 1/20/2025 11:41:02 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	2.488618	.0008941	.0262518
Stddev	.005643	.0013096	.0000218
%RSD	.2267613	146.4687	.0829247

#1	2.482483	.0009713	.0262267
#2	2.493588	-.000452	.0262653
#3	2.489782	.002163	.0262635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.871	48305.37	9497.737	1678.242	3612.123
Stddev	2.719	80.73	18.566	5.823	4.867
%RSD	.1095187	.1671303	.1954776	.3469612	.1347433

#1	2482.579	48298.65	9477.520	1684.740	3610.175
#2	2480.310	48389.25	9501.669	1676.490	3608.532
#3	2485.725	48228.21	9514.022	1673.497	3617.662

Sample Name: Q1092-03 Acquired: 1/20/2025 11:45:25 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.008559	-.006944	.0014540	.0021576	.0027622	.0313196	.0539777
Stddev	.004135	.000676	.0005343	.0003679	.0016299	.0063513	.0007737
%RSD	48.30879	9.735102	36.74727	17.05250	59.00644	20.27881	1.433450
#1	-.005272	-.006423	.0012362	.0024200	.0009508	.0268078	.0532519
#2	-.007203	-.006701	.0020627	.0023159	.0032256	.0385826	.0538893
#3	-.013201	-.007708	.0010629	.0017371	.0041101	.0285684	.0547918
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	.0006111	7.553242	.0010777	.0003536	.0118900	.0391033
Stddev	.000028	.0001318	.037994	.0000711	.0001234	.0001448	.0095823
%RSD	31.39052	21.57349	.5030107	6.599471	34.90474	1.218142	24.50507
#1	-.000116	.0007627	7.520993	.0011094	.0002174	.0119508	.0317357
#2	-.000061	.0005233	7.543608	.0011275	.0004581	.0117246	.0499362
#3	-.000087	.0005473	7.595125	.0009963	.0003851	.0119945	.0356379
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197951	.7802946	.0020218	.0010478	195.2692	-.000780	2.587363
Stddev	.0003828	.0074388	.0000773	.0000653	.5816	.001740	.007287
%RSD	1.933901	.9533321	3.821320	6.227708	.2978421	223.0113	.2816286
#1	.0199432	.7725254	.0019865	.0009871	194.7633	-.001570	2.583886
#2	.0193603	.7810065	.0021104	.0010397	195.9047	-.001985	2.595737
#3	.0200817	.7873518	.0019685	.0011168	195.1396	.001214	2.582466
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9054631	.1111772	.0827303	.0013703	.0002880	.1361146	.7066212
Stddev	.0386686	.0010293	.0002529	.0001832	.0006383	.0008876	.0063068
%RSD	4.270592	.9257711	.3057322	13.36967	221.6386	.6520765	.8925260
#1	.9337411	.1103635	.0826009	.0012557	.0002449	.1370467	.7138424
#2	.9212494	.1108340	.0825682	.0015816	-.000328	.1360178	.7038265
#3	.8613987	.1123342	.0830217	.0012736	.000947	.1352795	.7021946

Sample Name: Q1092-03 Acquired: 1/20/2025 11:45:25 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.858719	.0001696	.0120633
Stddev	.006470	.0009183	.0000319
%RSD	.3480623	541.4713	.2645263
#1	1.857153	-.000384	.0120697
#2	1.853176	-.000336	.0120287
#3	1.865828	.001230	.0120916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.999	50019.37	9750.569	1695.162	3629.441
Stddev	2.493	141.48	67.585	5.975	7.955
%RSD	.1006960	.2828551	.6931376	.3524804	.2191831
#1	2473.191	50166.59	9782.802	1697.965	3621.804
#2	2476.852	49884.43	9796.004	1688.301	3628.838
#3	2477.953	50007.07	9672.902	1699.220	3637.680

Sample Name: Q1096-01 Acquired: 1/20/2025 11:49:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0857148	.2595062	.0047973	.1372073	-.004415	.0244989
Stddev	.0049214	.0015406	.0005726	.0041201	.001303	.0020099
%RSD	5.741558	.5936806	11.93659	3.002812	29.51304	8.204007
#1	.0893427	.2610738	.0053095	.1358307	-.003635	.0267774
#2	.0876886	.2579940	.0049032	.1339517	-.005919	.0237419
#3	.0801129	.2594507	.0041791	.1418394	-.003690	.0229775
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369271	-.002308	-.001058	3.075165	-.000681	-.011737
Stddev	.0003951	.000086	.000033	.021718	.000303	.000246
%RSD	1.069974	3.725135	3.158137	.7062238	44.48628	2.099772
#1	.0373186	-.002324	-.001095	3.091239	-.000967	-.012019
#2	.0369343	-.002384	-.001048	3.083797	-.000711	-.011564
#3	.0365284	-.002214	-.001030	3.050459	-.000364	-.011627
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328818	.2181492	.2918890	.7200883	-.008030	.0041515
Stddev	.0001030	.0026681	.0008216	.0050754	.000217	.0001648
%RSD	.3132424	1.223081	.2814683	.7048232	2.700095	3.968572
#1	.0327644	.2161760	.2925730	.7259437	-.007782	.0040267
#2	.0329245	.2211849	.2921162	.7173727	-.008183	.0043383
#3	.0329567	.2170866	.2909777	.7169485	-.008125	.0040895
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	331.3668	-.085583	.2448981	572.2557	1.751370	F 25.32954
Stddev	7.4815	.002094	.0043102	5.4734	.001594	.08879
%RSD	2.257774	2.446586	1.759981	.9564676	.0910215	.3505287
#1	331.8446	-.084599	.2471921	574.8424	1.751557	25.27300
#2	338.5979	-.084162	.2475761	575.9564	1.749691	25.28374
#3	323.6578	-.087987	.2399261	565.9683	1.752863	25.43188

Sample Name: Q1096-01 Acquired: 1/20/2025 11:49:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0735492	.0011003	.8235255	1.028643	4.683320	.0089876
Stddev	.0013294	.0004140	.0238337	.002067	.032233	.0007115
%RSD	1.807503	37.62784	2.894106	.2009652	.6882567	7.916491
#1	.0720159	.0008048	.8306016	1.026292	4.649550	.0084063
#2	.0742531	.0015735	.8430198	1.029462	4.686652	.0097811
#3	.0743787	.0009226	.7969550	1.030175	4.713757	.0087756

Elem	Sr4077
Units	ppm
Avg	.0155258
Stddev	.0000383
%RSD	.2469130
#1	.0155082
#2	.0155698
#3	.0154994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.239	43559.58	9509.133	1417.734	3326.529
Stddev	8.859	618.12	18.254	19.663	16.557
%RSD	.4143042	1.419011	.1919646	1.386920	.4977327
#1	2140.856	43289.68	9488.135	1414.151	3333.043
#2	2145.495	43122.30	9521.216	1400.110	3338.839
#3	2128.367	44266.74	9518.049	1438.943	3307.706

Sample Name: Q1115-01 Acquired: 1/20/2025 11:54:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0677870	-.005243	.5607724	-.025953	.0123611	80.60717
Stddev	.0005851	.003334	.0012292	.000598	.0011710	.28545
%RSD	.8632123	63.58529	.2191991	2.305412	9.472813	.3541291

#1	.0684626	-.004552	.5617862	-.025518	.0136634	80.93072
#2	.0674420	-.008868	.5611259	-.025705	.0113951	80.49989
#3	.0674564	-.002309	.5594052	-.026635	.0120248	80.39090

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6187339	.0063600	.0012822	16.89377	.2561497	.0525136
Stddev	.0031290	.0000064	.0000658	.07967	.0015587	.0003801
%RSD	.5057035	.1002863	5.131524	.4716155	.6085203	.7238244

#1	.6210848	.0063545	.0013578	16.95773	.2577351	.0528667
#2	.6199344	.0063670	.0012511	16.91907	.2546191	.0525627
#3	.6151825	.0063584	.0012377	16.80452	.2560949	.0521113

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1739845	150.2754	1.406976	13.71903	.0926086	.0009997
Stddev	.0008881	.3917	.006198	.06576	.0006058	.0001446
%RSD	.5104559	.2606519	.4404897	.4793532	.6541812	14.46962

#1	.1744823	150.6738	1.412209	13.78386	.0931346	.0011582
#2	.1745122	150.2617	1.408586	13.72087	.0927450	.0009658
#3	.1729592	149.8908	1.400132	13.65237	.0919462	.0008749

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.522330	.2821573	.6563095	6.303266	.0715392	.0050272
Stddev	.008134	.0017150	.0014365	.044069	.0005779	.0001306
%RSD	.5343255	.6078089	.2188769	.6991508	.8077891	2.597082

#1	1.531065	.2835387	.6574007	6.287210	.0716025	.0050084
#2	1.520950	.2826953	.6568458	6.353113	.0720828	.0049071
#3	1.514973	.2802378	.6546820	6.269477	.0709322	.0051662

Sample Name: Q1115-01 Acquired: 1/20/2025 11:54:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0122912	1.840527	F 11.20213	3.375982	2.013533	.0476834
Stddev	.0010784	.005359	.02027	.011636	.020083	.0004623
%RSD	8.773673	.2911929	.1809791	.3446734	.9974136	.9695059
#1	.0129577	1.845384	11.20931	3.389174	2.036191	.0476666
#2	.0128689	1.841419	11.21783	3.367176	2.006486	.0472297
#3	.0110470	1.834777	11.17924	3.371597	1.997924	.0481538

Elem	Sr4077
Units	ppm
Avg	-.038330
Stddev	.000292
%RSD	.7626616
#1	-.038613
#2	-.038029
#3	-.038347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.998	56557.85	11036.76	1958.980	3813.599
Stddev	7.548	277.99	62.53	9.178	7.736
%RSD	.2605338	.4915098	.5666006	.4684845	.2028503
#1	2892.986	56245.52	10965.79	1949.691	3809.049
#2	2892.304	56778.15	11060.73	1959.206	3809.216
#3	2905.705	56649.88	11083.76	1968.042	3822.531

Sample Name: Q1115-04 Acquired: 1/20/2025 11:58:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.1360140	-.004293	.6951715	-.021431	.0073988	53.11346	.7492049
Stddev	.0048220	.003050	.0011035	.003188	.0014966	.13695	.0024630
%RSD	3.545188	71.05143	.1587413	14.87393	20.22790	.2578509	.3287459

#1	.1350407	-.005781	.6946351	-.022378	.0084033	53.23943	.7518246
#2	.1412483	-.000784	.6964407	-.024039	.0081143	53.13327	.7488537
#3	.1317529	-.006314	.6944387	-.017878	.0056787	52.96768	.7469363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052031	.0012845	149.6301	.2040594	.0295101	.2606864	112.8177
Stddev	.0000699	.0001895	.6577	.0008683	.0002227	.0025267	.7028
%RSD	1.344070	14.75284	.4395500	.4255327	.7547033	.9692319	.6229112

#1	.0051823	.0013557	150.2032	.2039580	.0293157	.2615402	112.5363
#2	.0052810	.0014280	149.7752	.2032462	.0297531	.2626756	112.2992
#3	.0051459	.0010697	148.9120	.2049740	.0294614	.2578435	113.6175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.747759	39.13683	.1230738	.0004625	2.097382	.1769209	1.274135
Stddev	.009173	.19747	.0003700	.0003544	.018186	.0009813	.002235
%RSD	.5248572	.5045602	.3006106	76.63119	.8670904	.5546730	.1753921

#1	1.755672	39.25174	.1234766	.0008647	2.093307	.1759297	1.271907
#2	1.749902	39.24994	.1229956	.0003270	2.081579	.1778920	1.274121
#3	1.737705	38.90882	.1227492	.0001959	2.117260	.1769411	1.276377

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.550024	.0952818	.0053365	.0118519	1.897506	8.603162	2.818756
Stddev	.089705	.0014358	.0000232	.0001063	.005824	.059486	.000627
%RSD	1.188141	1.506896	.4339059	.8970758	.3069241	.6914477	.0222501

#1	7.532583	.0967749	.0053479	.0118365	1.904171	8.554368	2.818043
#2	7.470320	.0939111	.0053516	.0119650	1.894947	8.585690	2.819222
#3	7.647168	.0951594	.0053098	.0117541	1.893400	8.669427	2.819002

Sample Name: Q1115-04 Acquired: 1/20/2025 11:58:27 Type: Unk
 Method: NON EPA-6010-200.7(v2491) 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	3.638698	.0176979	.4098888
Stddev	.011635	.0002186	.0024995
%RSD	.3197577	1.235181	.6097930
#1	3.644635	.0178321	.4124244
#2	3.646166	.0178160	.4098149
#3	3.625292	.0174457	.4074271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.894	52565.85	10298.41	1783.105	3704.143
Stddev	5.233	152.56	99.17	7.157	9.782
%RSD	.1962904	.2902269	.9629763	.4014027	.2640903
#1	2664.490	52734.70	10241.95	1790.620	3705.354
#2	2661.507	52524.93	10240.37	1782.326	3693.812
#3	2671.686	52437.92	10412.92	1776.369	3713.263

Sample Name: Q1115-07 Acquired: 1/20/2025 12:02:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.2094882	-.005099	1.668999	-.039794	.2431402	74.64581
Stddev	.0020739	.001679	.001790	.003849	.0019334	.18846
%RSD	.9899866	32.93234	.1072462	9.672784	.7951873	.2524776
#1	.2071531	-.003948	1.667540	-.042956	.2450770	74.76021
#2	.2111158	-.007025	1.668461	-.035508	.2431334	74.74892
#3	.2101956	-.004322	1.670997	-.040918	.2412102	74.42829
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.418953	.0101626	.1586031	178.6332	.3532820	.1946596
Stddev	.006465	.0000986	.0004710	.4925	.0009347	.0004263
%RSD	.2672455	.9703471	.2969922	.2756887	.2645808	.2190193
#1	2.422725	.0102446	.1582534	179.1759	.3537520	.1941922
#2	2.422646	.0100532	.1584171	178.5090	.3538884	.1947592
#3	2.411489	.0101901	.1591387	178.2147	.3522056	.1950273
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9098806	250.6731	1.433945	89.02152	.3259786	.0221020
Stddev	.0032104	1.6020	.005476	.25446	.0007340	.0002920
%RSD	.3528348	.6390887	.3818922	.2858379	.2251600	1.321145
#1	.9063843	250.0710	1.439498	89.30195	.3251603	.0224092
#2	.9126956	252.4889	1.433789	88.95729	.3261969	.0220689
#3	.9105619	249.4593	1.428549	88.80534	.3265787	.0218280
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.456138	.4557380	2.366590	13.86952	.1700911	.0350380
Stddev	.015443	.0025529	.007033	.08595	.0022665	.0001576
%RSD	.6287544	.5601612	.2971915	.6196945	1.332513	.4497882
#1	2.444719	.4586630	2.373367	13.85660	.1678658	.0349448
#2	2.473709	.4539588	2.367078	13.96120	.1723966	.0352199
#3	2.449987	.4545921	2.359326	13.79076	.1700110	.0349493

Sample Name: Q1115-07 Acquired: 1/20/2025 12:02:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0436951	2.556400	7.207002	F 10.94012	F 16.93228	.0580399
Stddev	.0002815	.006334	.034122	.01484	.03691	.0014829
%RSD	.6442566	.2477679	.4734519	.1356049	.2179740	2.555020
#1	.0438999	2.559696	7.187821	10.92897	16.91605	.0579361
#2	.0433741	2.560406	7.246398	10.95696	16.97452	.0595719
#3	.0438113	2.549097	7.186786	10.93444	16.90627	.0566115

Elem	Sr4077
Units	ppm
Avg	.7063961
Stddev	.0071199
%RSD	1.007918
#1	.7036775
#2	.7010361
#3	.7144748

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.124	54775.31	11239.22	1890.156	3449.189
Stddev	8.673	62.03	68.32	1.555	5.686
%RSD	.3100737	.1132535	.6079055	.0822420	.1648420
#1	2803.862	54801.89	11176.44	1891.497	3455.618
#2	2787.338	54704.42	11311.99	1890.519	3444.821
#3	2800.173	54819.63	11229.23	1888.452	3447.128

Sample Name: Q1115-10 Acquired: 1/20/2025 12:06:45 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0772612	-.004913	27.46945	-.033859	.0282670	86.93419	.9005396
Stddev	.0009737	.003302	.07900	.003448	.0005862	.19584	.0028307
%RSD	1.260278	67.21193	.2876025	10.18490	2.073658	.2252760	.3143338
#1	.0783855	-.003145	27.39279	-.034576	.0282931	87.15651	.9037718
#2	.0767084	-.008722	27.46496	-.030108	.0288398	86.78721	.8993450
#3	.0766898	-.002871	27.55060	-.036892	.0276683	86.85884	.8985020
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106560	.0043027	233.0490	.2025716	.0400278	.4744009	158.0745
Stddev	.0000586	.0002270	.5023	.0007795	.0002357	.0012442	.5406
%RSD	.5495964	5.275363	.2155270	.3848287	.5889092	.2622678	.3419870
#1	.0107095	.0042976	233.6236	.2016728	.0397587	.4729784	157.4621
#2	.0105934	.0040784	232.8302	.2030641	.0401266	.4749378	158.4852
#3	.0106651	.0045323	232.6933	.2029778	.0401980	.4752865	158.2762
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.130448	75.24845	.0851980	-.000555	3.975208	.2163780	1.683657
Stddev	.011538	.22653	.0003188	.000212	.019898	.0029498	.001029
%RSD	.2793431	.3010481	.3741619	38.14403	.5005554	1.363268	.0611099
#1	4.142852	75.47702	.0854868	-.000794	3.961351	.2197840	1.683679
#2	4.128460	75.24433	.0848560	-.000390	3.966265	.2146542	1.682617
#3	4.120034	75.02401	.0852514	-.000481	3.998009	.2146956	1.684674
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29439	.1336250	.0113151	.0243163	1.899845	9.383546	3.436155
Stddev	.07004	.0008571	.0004323	.0006599	.003721	.028561	.019369
%RSD	.6201194	.6414012	3.820846	2.713992	.1958453	.3043703	.5636965
#1	11.21450	.1328386	.0108967	.0239285	1.902116	9.352388	3.415975
#2	11.32348	.1345386	.0117601	.0250783	1.901868	9.389764	3.437894
#3	11.34520	.1334979	.0112884	.0239421	1.895551	9.408485	3.454597

Sample Name: Q1115-10 Acquired: 1/20/2025 12:06:45 Type: Unk
 Method: NON EPA-6010-200.7(v2491) 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	9.234956	.0418306	.5221219
Stddev	.022031	.0008963	.0023434
%RSD	.2385567	2.142615	.4488123
#1	9.210046	.0426990	.5247932
#2	9.242940	.0409088	.5204130
#3	9.251881	.0418838	.5211594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.972	51287.30	10142.09	1797.781	3502.450
Stddev	4.103	230.85	29.49	8.254	5.079
%RSD	.1543531	.4501135	.2907861	.4591056	.1450197
#1	2661.055	51528.17	10124.00	1807.247	3504.891
#2	2659.547	51067.97	10126.15	1792.090	3505.849
#3	2653.316	51265.77	10176.12	1794.007	3496.612

Sample Name: Q1115-02 Acquired: 1/20/2025 12:10:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.003882	-.006266	.0838514	.0012736	.0011060	.0577044	.3596757
Stddev	.002765	.000312	.0012576	.0032073	.0005182	.0039217	.0018121
%RSD	71.23837	4.981208	1.499787	251.8301	46.85448	6.796284	.5038242
#1	-.006866	-.006573	.0850713	-.002282	.0005084	.0532064	.3598478
#2	-.001405	-.005949	.0839236	.003948	.0013786	.0604072	.3577836
#3	-.003376	-.006275	.0825592	.002156	.0014311	.0594997	.3613956
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001121	-.000524	8.952260	.0005272	.0085336	.0126356	11.10132
Stddev	.0000592	.000045	.073020	.0002079	.0001880	.0001646	.08001
%RSD	52.85655	8.496113	.8156562	39.43789	2.202595	1.303074	.7207177
#1	.0001180	-.000515	8.955904	.0002966	.0087229	.0125826	11.17381
#2	.0001682	-.000485	8.877487	.0007005	.0085308	.0128202	11.11468
#3	.0000501	-.000572	9.023390	.0005844	.0083470	.0125040	11.01547
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5613780	1.974002	.0054081	.0011604	268.4492	.0008925	.1731176
Stddev	.0040648	.016421	.0000397	.0005571	.3859	.0007483	.0004864
%RSD	.7240716	.8318875	.7333168	48.01031	.1437636	83.83710	.2809926
#1	.5616806	1.976622	.0054526	.0008629	268.8877	.0001487	.1736011
#2	.5571703	1.956428	.0053764	.0018031	268.1612	.0008837	.1731233
#3	.5652830	1.988956	.0053955	.0008152	268.2987	.0016452	.1726283
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5483239	.0589456	.0000822	.0001755	.0004201	.5758383	.0114591
Stddev	.0125249	.0012072	.0002970	.0002844	.0005372	.0056276	.0014340
%RSD	2.284209	2.047957	361.3759	162.0535	127.8871	.9772937	12.51445
#1	.5618311	.0590346	.0004247	-.000140	-.000196	.5822665	.0106434
#2	.5460468	.0576963	-.000075	.000412	.000790	.5718004	.0106189
#3	.5370938	.0601058	-.000104	.000255	.000667	.5734480	.0131149

Sample Name: Q1115-02 Acquired: 1/20/2025 12:10:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.3640873	-.004406	.0500456
Stddev	.0008995	.000455	.0003632
%RSD	.2470481	10.31950	.7257642
#1	.3648981	-.003982	.0500760
#2	.3642440	-.004886	.0496681
#3	.3631197	-.004348	.0503927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.531	48589.15	9516.609	1675.344	3579.847
Stddev	3.091	103.49	88.980	4.312	.261
%RSD	.1250173	.2129936	.9349976	.2573515	.0072964
#1	2469.062	48493.62	9544.472	1676.700	3579.615
#2	2474.995	48574.74	9588.323	1670.518	3580.130
#3	2473.535	48699.09	9417.032	1678.815	3579.797

Sample Name: Q1115-05 Acquired: 1/20/2025 12:15:16 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.004087	-.007760	.0714278	.0024860	.0008536	.0996528	.2034822
Stddev	.000128	.002437	.0007947	.0025960	.0009065	.0035846	.0010711
%RSD	3.119598	31.40480	1.112557	104.4251	106.1918	3.597049	.5263958
#1	-.004088	-.005476	.0713039	.0023329	.0018804	.0957695	.2033998
#2	-.004214	-.007477	.0722772	.0051551	.0005164	.1028349	.2024547
#3	-.003959	-.010325	.0707024	-.000030	.0001641	.1003541	.2045922
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000139	.0008519	55.92864	.0003151	.0032284	.0172029	.0627202
Stddev	.0000485	.0000551	.40479	.0000820	.0001344	.0000402	.0043451
%RSD	348.8894	6.464311	.7237529	26.01075	4.163252	.2337058	6.927694
#1	-.000020	.0008092	56.10722	.0003679	.0032790	.0172492	.0675715
#2	-.000008	.0009140	55.46528	.0002207	.0033301	.0171764	.0591864
#3	.000069	.0008324	56.21343	.0003567	.0030760	.0171831	.0614025
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3508180	3.829350	.0043295	.0008242	293.8642	.0007218	.3025270
Stddev	.0024674	.043433	.0001696	.0002253	2.2849	.0012812	.0008395
%RSD	.7033252	1.134215	3.917860	27.33501	.7775521	177.5067	.2774912
#1	.3532917	3.841790	.0043266	.0007077	296.3961	-.000272	.3021533
#2	.3483570	3.781055	.0045005	.0010838	293.2410	.000269	.3034885
#3	.3508052	3.865206	.0041613	.0006810	291.9555	.002168	.3019393
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9545152	.0312786	.0007353	-.001813	-.001040	2.286141	.0056682
Stddev	.0354253	.0002588	.0002659	.000462	.000753	.012400	.0011815
%RSD	3.711338	.8275420	36.16191	25.49139	72.39820	.5423956	20.84471
#1	.9953157	.0309980	.0008753	-.002171	-.001680	2.287176	.0047383
#2	.9315772	.0315081	.0004286	-.001291	-.001227	2.273257	.0052687
#3	.9366526	.0313297	.0009019	-.001978	-.000211	2.297992	.0069977

Sample Name: Q1115-05 Acquired: 1/20/2025 12:15:16 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.188008	-.010964	.2200252
Stddev	.005670	.001113	.0004948
%RSD	.4772920	10.15455	.2248956
#1	1.194554	-.011620	.2194920
#2	1.184631	-.011592	.2204697
#3	1.184838	-.009678	.2201138

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2461.785	47710.50	9575.761	1637.969	3532.203
Stddev	3.818	64.25	17.764	7.532	2.453
%RSD	.1550951	.1346621	.1855074	.4598489	.0694548
#1	2458.870	47716.21	9581.618	1641.016	3533.475
#2	2466.107	47643.59	9589.855	1629.391	3533.760
#3	2460.378	47771.71	9555.808	1643.501	3529.375

Sample Name: Q1115-08 Acquired: 1/20/2025 12:19:42 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.006481	-.010199	.0619552	.0043428	.0239771	.0316099	.2030680
Stddev	.000729	.000521	.0007972	.0023088	.0012955	.0052133	.0008101
%RSD	11.24584	5.107313	1.286693	53.16466	5.403294	16.49263	.3989490
#1	-.005780	-.010726	.0619374	.0020393	.0241442	.0347394	.2039643
#2	-.007235	-.009684	.0627611	.0066570	.0226061	.0344986	.2028516
#3	-.006427	-.010186	.0611670	.0043322	.0251810	.0255917	.2023880
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0844965	80.54008	.0007102	.0286802	.2554159	.0335749
Stddev	.000018	.0004353	.25394	.0003754	.0002169	.0010127	.0029463
%RSD	92.95914	.5152281	.3153019	52.86095	.7563103	.3964983	8.775404
#1	.000000	.0849990	80.81280	.0007318	.0286807	.2565335	.0325368
#2	-.000035	.0842330	80.31042	.0010744	.0284630	.2551551	.0312881
#3	-.000023	.0842574	80.49703	.0003245	.0288968	.2545591	.0368997
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3267447	5.036458	.0293462	.0009850	295.3199	.0004749	.9102964
Stddev	.0011751	.010788	.0002963	.0004263	1.3291	.0003398	.0024688
%RSD	.3596412	.2141912	1.009661	43.27724	.4500573	71.55068	.2712107
#1	.3274508	5.038029	.0296879	.0011323	296.7401	.0000961	.9131471
#2	.3253882	5.024970	.0291610	.0013180	295.1135	.0005758	.9088903
#3	.3273951	5.046373	.0291897	.0005046	294.1061	.0007529	.9088518
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569934	.0298742	.0015333	-.000897	-.001124	3.173621	.0129863
Stddev	.030082	.0007343	.0002038	.000402	.000564	.011126	.0022298
%RSD	1.916131	2.458038	13.29021	44.77011	50.13867	.3505831	17.17055
#1	1.570282	.0306975	.0016940	-.001111	-.000569	3.170857	.0113578
#2	1.599841	.0296383	.0013041	-.001147	-.001696	3.185868	.0120735
#3	1.539680	.0292869	.0016017	-.000434	-.001107	3.164137	.0155277

Sample Name: Q1115-08 Acquired: 1/20/2025 12:19:42 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	3.832208	-.013149	.3279942
Stddev	.008923	.001739	.0009921
%RSD	.2328461	13.22646	.3024844
#1	3.834067	-.011615	.3290523
#2	3.840054	-.012792	.3270849
#3	3.822501	-.015039	.3278454

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.690	47547.54	9566.039	1619.179	3517.040
Stddev	5.411	147.16	58.905	1.348	10.849
%RSD	.2216040	.3095026	.6157729	.0832397	.3084681
#1	2435.466	47704.79	9498.101	1618.877	3508.290
#2	2445.276	47413.15	9602.862	1620.652	3529.179
#3	2444.328	47524.68	9597.153	1618.008	3513.653

Sample Name: CCV02 Acquired: 1/20/2025 12:29:17 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.881309	4.974514	4.803545	4.937099	5.008639	9.721877	9.308882
Stddev	.003193	.036487	.009409	.009517	.011273	.037538	.066802
%RSD	.0654185	.7334708	.1958843	.1927560	.2250633	.3861207	.7176196

#1	4.881751	5.000362	4.800557	4.945681	5.009568	9.716562	9.298171
#2	4.884259	4.990403	4.814085	4.938750	5.019418	9.761789	9.380392
#3	4.877918	4.932777	4.795991	4.926864	4.996930	9.687279	9.248082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2409762	2.395742	23.59514	.9949478	2.404288	1.227693	4.734512
Stddev	.0013336	.005694	.09975	.0022585	.006228	.001715	.030594
%RSD	.5534239	.2376536	.4227575	.2269922	.2590165	.1396820	.6461844

#1	.2406890	2.393975	23.59045	.9924905	2.401916	1.227706	4.750412
#2	.2424300	2.402109	23.69715	.9954204	2.411353	1.229402	4.699243
#3	.2398096	2.391141	23.49782	.9969326	2.399595	1.225972	4.753882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.302338	23.83827	2.401135	1.229082	24.26008	2.400535	2.465542
Stddev	.009698	.09187	.004588	.000995	.06860	.011711	.008936
%RSD	.4212145	.3853837	.1910626	.0809938	.2827537	.4878390	.3624521

#1	2.300183	23.74572	2.399809	1.228553	24.26715	2.406121	2.459448
#2	2.312932	23.92944	2.406239	1.228463	24.18822	2.408406	2.461377
#3	2.293900	23.83965	2.397356	1.230231	24.32486	2.387077	2.475800

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.86309	4.758982	5.035927	4.812822	4.698901	4.940364	4.852213
Stddev	.03364	.033320	.010053	.012452	.032786	.037807	.017730
%RSD	.1409733	.7001486	.1996278	.2587302	.6977352	.7652727	.3654097

#1	23.83274	4.751322	5.034815	4.814618	4.699103	4.921959	4.846189
#2	23.85726	4.795465	5.046490	4.824278	4.731586	4.915283	4.872170
#3	23.89926	4.730159	5.026476	4.799569	4.666015	4.983850	4.838279

Sample Name: CCV02 Acquired: 1/20/2025 12:29:17 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.707667	4.717398	4.745909
Stddev	.015582	.030108	.060117
%RSD	.3309841	.6382262	1.266707

#1	4.703934	4.711449	4.728450
#2	4.724776	4.750036	4.812823
#3	4.694291	4.690709	4.696454

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.099	49878.06	9066.018	1737.502	3756.719
Stddev	6.150	133.21	41.419	10.862	10.590
%RSD	.2361493	.2670784	.4568556	.6251575	.2818849

#1	2606.039	49936.80	9076.158	1740.272	3760.395
#2	2597.214	49971.80	9020.471	1746.711	3744.781
#3	2609.046	49725.57	9101.425	1725.523	3764.980

Sample Name: CCB02 Acquired: 1/20/2025 12:33:26 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001290	-.001793	-.000572	-.000588	.0009079	.0002331	-.003397
Stddev	.001543	.000211	.000534	.002942	.0003372	.0047057	.000530
%RSD	119.5734	11.77046	93.44470	500.5048	37.14024	2019.113	15.60252

#1	-.002879	-.002037	-.000271	.000956	.0005329	-.005184	-.003488
#2	-.001193	-.001669	-.001189	-.003980	.0011862	.003309	-.002828
#3	.000201	-.001674	-.000255	.001260	.0010047	.002574	-.003877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000565	-.000045	-.004777	-.000326	.0000304	-.000082	.0060764
Stddev	.0000156	.000064	.007045	.000164	.0000630	.000203	.0019310
%RSD	27.56029	142.7526	147.4954	50.45154	207.4067	247.5484	31.77841

#1	.0000617	.000009	-.012900	-.000337	-.000042	.000141	.0071450
#2	.0000390	-.000115	-.001102	-.000485	.000073	-.000132	.0072369
#3	.0000687	-.000028	-.000328	-.000156	.000060	-.000255	.0038473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001683	.0062860	-.000242	.0014538	.0062967	-.000856	-.000683
Stddev	.0002532	.0007537	.000137	.0002459	.0066274	.000702	.000274
%RSD	150.4903	11.99054	56.58220	16.91241	105.2522	81.90710	40.06594

#1	.0000042	.0059000	-.000149	.0017360	-.000142	-.000631	-.000637
#2	.0000407	.0071545	-.000179	.0012857	.013098	-.001643	-.000976
#3	.0004599	.0058034	-.000400	.0013398	.005934	-.000295	-.000435

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054073	.0053301	.0000850	-.000878	.0003696	.0029923	-.004421
Stddev	.036332	.0006687	.0002100	.000563	.0007351	.0020553	.003694
%RSD	67.19146	12.54592	246.9990	64.10878	198.9064	68.68740	83.54167

#1	-.048594	.0060002	.0002393	-.001463	-.000378	.0043411	-.008584
#2	-.092833	.0046628	-.000154	-.000833	.000395	.0040091	-.001537
#3	-.020791	.0053273	.000170	-.000339	.001092	.0006268	-.003142

Sample Name: CCB02 Acquired: 1/20/2025 12:33:26 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.007654	.0015561	.0000169
Stddev	.000708	.0002620	.0000200
%RSD	9.251762	16.83441	118.3238
#1	-.006839	.0015934	.0000321
#2	-.008005	.0017974	-.000006
#3	-.008118	.0012775	.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2711.691	51978.44	9530.727	1830.805	4141.355
Stddev	5.134	125.20	28.370	6.276	5.301
%RSD	.1893377	.2408652	.2976644	.3428142	.1279937
#1	2714.370	51834.43	9501.098	1823.688	4135.281
#2	2714.931	52039.48	9557.642	1835.549	4145.046
#3	2705.771	52061.42	9533.440	1833.179	4143.738

Sample Name: Q1115-11 Acquired: 1/20/2025 12:37:46 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.005829	-.008010	1.038752	-.000157	.0031399	.1248996	.1717331
Stddev	.001678	.002132	.002936	.001775	.0010904	.0042827	.0003591
%RSD	28.77986	26.61869	.2825996	1130.657	34.72634	3.428915	.2091213
#1	-.003919	-.008990	1.038967	-.000324	.0022493	.1199563	.1716606
#2	-.006502	-.005564	1.035715	-.001842	.0043559	.1272496	.1721229
#3	-.007066	-.009476	1.041574	.001695	.0028144	.1274927	.1714157
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0014182	74.33700	.0005347	.0037675	.0243686	.0311575
Stddev	.000019	.0000173	.07444	.0002021	.0002095	.0000418	.0042229
%RSD	328.0809	1.222982	.1001418	37.80306	5.560717	.1717051	13.55324
#1	-.000014	.0014235	74.27921	.0004533	.0039420	.0243285	.0263421
#2	.000016	.0013988	74.31079	.0003859	.0038253	.0244120	.0329011
#3	-.000019	.0014323	74.42100	.0007648	.0035352	.0243655	.0342294
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3447608	3.109588	.0050982	.0012053	292.0144	.0001046	.3655571
Stddev	.0007329	.019256	.0001524	.0003996	1.9419	.0011819	.0029832
%RSD	.2125823	.6192473	2.989854	33.15181	.6650042	1130.041	.8160716
#1	.3447968	3.096859	.0051554	.0012505	292.8748	.0014035	.3686973
#2	.3440106	3.100164	.0049254	.0015803	293.3775	-.000182	.3652131
#3	.3454751	3.131741	.0052138	.0007850	289.7910	-.000908	.3627607
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.526937	.0329005	.0008871	-.002742	-.001506	3.466491	.0080776
Stddev	.066631	.0010104	.0001422	.000439	.000856	.008746	.0025791
%RSD	4.363718	3.071179	16.02566	16.00945	56.80678	.2522989	31.92838
#1	1.599212	.0321617	.0007688	-.002848	-.001942	3.471370	.0087930
#2	1.467952	.0340519	.0010448	-.003118	-.000521	3.471709	.0052164
#3	1.513649	.0324878	.0008475	-.002259	-.002057	3.456394	.0102235

Sample Name: Q1115-11 Acquired: 1/20/2025 12:37:46 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	2.130063	-.013323	.3037293
Stddev	.007098	.000282	.0003008
%RSD	.3332089	2.118288	.0990298

#1	2.136141	-.013082	.3037036
#2	2.122263	-.013633	.3040422
#3	2.131786	-.013255	.3034422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.979	47512.23	9563.967	1642.362	3556.416
Stddev	1.435	98.80	40.653	8.690	2.854
%RSD	.0579932	.2079432	.4250665	.5291290	.0802362

#1	2475.870	47464.04	9596.398	1634.945	3553.308
#2	2475.744	47446.76	9577.144	1640.217	3558.917
#3	2473.323	47625.87	9518.360	1651.924	3557.022

Sample Name: PB166109BL Acquired: 1/20/2025 12:51:04 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001095	-.001123	-.001174	.0004807	-.000241	.0037820	-.002709
Stddev	.001849	.001773	.000965	.0030918	.001203	.0032695	.000393
%RSD	168.8928	157.8973	82.22562	643.2459	499.1926	86.44769	14.51227
#1	.000978	.000853	-.000533	-.001313	.000976	.0071040	-.003067
#2	-.001686	-.001648	-.000704	-.001296	-.001431	.0036743	-.002288
#3	-.002577	-.002574	-.002284	.004051	-.000268	.0005677	-.002772
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000495	-.000095	-.003382	-.000348	.0000193	-.000278	.0035707
Stddev	.0000251	.000096	.006105	.000384	.0001473	.000508	.0050106
%RSD	50.61562	100.9857	180.5042	110.3193	763.3230	182.5312	140.3254
#1	.0000682	-.000191	-.000806	-.000184	.0001840	-.000653	.0050175
#2	.0000593	-.000093	.001012	-.000788	-.000100	.000300	-.002004
#3	.0000210	.000000	-.010353	-.000074	-.000026	-.000482	.007699
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000590	.0148746	.0002886	.0012427	.1134954	-.001160	.0001780
Stddev	.0002178	.0054572	.0000674	.0002456	.0190417	.000706	.0004526
%RSD	368.9583	36.68837	23.35545	19.76843	16.77748	60.86645	254.2107
#1	.0000051	.0085737	.0002496	.0011968	.1352918	-.001924	-.000224
#2	.0002987	.0179467	.0003665	.0015080	.1000923	-.001022	.000668
#3	-.000127	.0181032	.0002498	.0010231	.1051022	-.000533	.000090
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032905	-.003995	-.000005	.0003425	.0008266	.0015299	-.005247
Stddev	.018496	.000308	.000162	.0004974	.0007613	.0013796	.000823
%RSD	56.21002	7.705093	3018.856	145.2392	92.10319	90.17884	15.68578
#1	-.027428	-.004268	.000108	.0009138	.0014647	.0001141	-.004346
#2	-.053521	-.003662	.000067	.0000055	.0010313	.0028703	-.005436
#3	-.017767	-.004055	-.000191	.0001082	-.000016	.0016052	-.005959

Sample Name: PB166109BL Acquired: 1/20/2025 12:51:04 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.008367	.0023522	-.000048
Stddev	.003288	.0013853	.000023
%RSD	39.29655	58.89262	48.52707

#1	-.007970	.0039076	-.000066
#2	-.011836	.0018981	-.000055
#3	-.005296	.0012510	-.000022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.615	53231.71	9695.766	1839.800	4049.026
Stddev	3.804	91.63	25.623	3.830	5.632
%RSD	.1420081	.1721263	.2642661	.2081920	.1390956

#1	2674.222	53190.58	9722.045	1844.220	4042.841
#2	2680.811	53336.70	9670.854	1837.727	4053.858
#3	2680.811	53167.86	9694.400	1837.453	4050.380

Sample Name: PB166068TB Acquired: 1/20/2025 12:55:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.005688	-.006472	-.000861	.0032660	-.000119	.0040399
Stddev	.002822	.001530	.000334	.0006580	.000488	.0063877
%RSD	49.60554	23.63803	38.79434	20.14760	410.7557	158.1149
#1	-.008359	-.006103	-.000624	.0037157	.000435	-.002560
#2	-.002737	-.005160	-.001243	.0035715	-.000304	.010192
#3	-.005969	-.008152	-.000717	.0025107	-.000487	.004488
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006788	-.000149	-.000179	-.002980	.0019775	-.000168
Stddev	.000617	.000084	.000108	.003568	.0000706	.000070
%RSD	9.092697	56.47159	60.63900	119.7120	3.568050	41.64164
#1	-.007425	-.000087	-.000060	-.001182	.0020112	-.000088
#2	-.006747	-.000245	-.000203	-.007089	.0020248	-.000199
#3	-.006193	-.000115	-.000273	-.000670	.0018964	-.000218
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009881	.0123869	.0006317	.0176520	.0009307	.0009063
Stddev	.0001288	.0027641	.0001349	.0021047	.0002550	.0003141
%RSD	13.03708	22.31456	21.36021	11.92331	27.39913	34.65471
#1	.0011102	.0097797	.0004960	.0193314	.0006449	.0006516
#2	.0008535	.0152848	.0007659	.0183336	.0010123	.0012572
#3	.0010007	.0120961	.0006333	.0152909	.0011349	.0008101
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 300.4569	.0003875	.0006526	-.029192	-.005332	.0002376
Stddev	.7883	.0012386	.0003636	.044625	.000777	.0002752
%RSD	.2623521	319.6679	55.71238	152.8670	14.57977	115.8429
#1	299.6905	.0015968	.0008830	-.080704	-.005813	.0001173
#2	301.2653	-.000878	.0002335	-.004535	-.004435	.0000430
#3	300.4148	.000444	.0008413	-.002336	-.005749	.0005524

Sample Name: PB166068TB Acquired: 1/20/2025 12:55:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0005225	-.000226	.0012102	.0014612	.0033547	-.003355
Stddev	.0006195	.000387	.0054455	.0014004	.0026466	.000273
%RSD	118.5807	171.5293	449.9691	95.84012	78.89253	8.127807
#1	-.000174	.000218	.0024797	.0012832	.0018045	-.003051
#2	.000730	-.000403	-.004758	.0001584	.0064107	-.003579
#3	.001012	-.000493	.005909	.0029422	.0018490	-.003433

Elem	Sr4077
Units	ppm
Avg	-.000027
Stddev	.000037
%RSD	138.5197
#1	-.000059
#2	.000014
#3	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.198	48794.66	9277.032	1723.636	3609.557
Stddev	3.465	140.17	44.326	7.636	4.437
%RSD	.1378286	.2872694	.4777984	.4430209	.1229339
#1	2513.694	48711.67	9307.677	1716.270	3613.856
#2	2517.888	48715.81	9297.212	1723.121	3609.822
#3	2511.012	48956.50	9226.207	1731.516	3604.993

Sample Name: PB166067TB Acquired: 1/20/2025 13:00:13 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.004912	-.007815	-.000848	.0029135	.0003086	.0086848
Stddev	.001473	.001467	.000856	.0018536	.0012575	.0006957
%RSD	29.99735	18.76640	100.9059	63.62311	407.5065	8.009981
#1	-.003470	-.006668	-.001452	.0031404	-.000166	.0092161
#2	-.006415	-.009467	-.001223	.0046431	-.000643	.0089408
#3	-.004851	-.007310	.000131	.0009568	.001734	.0078974
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005512	-.000113	-.000163	-.009859	.0016693	-.000207
Stddev	.000199	.000030	.000025	.007542	.0006039	.000055
%RSD	3.602281	26.70901	15.07423	76.50055	36.17713	26.69361
#1	-.005284	-.000096	-.000183	-.012659	.0018571	-.000143
#2	-.005603	-.000096	-.000136	-.015601	.0009938	-.000235
#3	-.005648	-.000148	-.000169	-.001317	.0021571	-.000242
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003140	.0151823	.0005452	.0030026	.0012189	.0011707
Stddev	.0004469	.0037273	.0000315	.0084618	.0004307	.0001445
%RSD	142.3282	24.55061	5.773664	281.8183	35.33837	12.34107
#1	.0003589	.0194753	.0005618	.0083660	.0007496	.0012795
#2	-.000154	.0133024	.0005650	-.006752	.0015962	.0010068
#3	.000737	.0127693	.0005089	.007394	.0013109	.0012258
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 317.6691	-.001999	.0005828	-.056989	-.006406	.0001845
Stddev	2.4160	.002012	.0001699	.018766	.000494	.0000790
%RSD	.7605310	100.6560	29.15660	32.92983	7.711766	42.82141
#1	320.4514	-.000271	.0006022	-.036622	-.005866	.0001260
#2	316.1021	-.001517	.0007422	-.073581	-.006515	.0001531
#3	316.4537	-.004208	.0004040	-.060765	-.006836	.0002743

Sample Name: PB166067TB Acquired: 1/20/2025 13:00:13 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0006316	.0002285	.0003915	.0017621	.0021331	-.003958
Stddev	.0002503	.0001714	.0013369	.0008035	.0027802	.000271
%RSD	39.62432	75.03099	341.4724	45.60215	130.3346	6.838092
#1	.0008347	.0002727	.0008027	.0025798	-.000276	-.003666
#2	.0007080	.0000393	.0014746	.0009736	.005175	-.004201
#3	.0003520	.0003735	-.001103	.0017328	.001500	-.004006

Elem	Sr4077
Units	ppm
Avg	-.000049
Stddev	.000029
%RSD	59.52290
#1	-.000080
#2	-.000022
#3	-.000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.392	48513.60	9506.992	1679.080	3579.472
Stddev	5.427	138.91	28.062	6.343	9.674
%RSD	.2180854	.2863401	.2951750	.3777571	.2702740
#1	2484.844	48521.39	9497.107	1681.956	3573.286
#2	2485.692	48370.96	9538.659	1671.808	3574.510
#3	2494.639	48648.46	9485.210	1683.475	3590.621

Sample Name: PB166109BS Acquired: 1/20/2025 13:04:41 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8050227	2.036698	.9630383	1.995765	.8014981	1.884679
Stddev	.0033377	.013999	.0011831	.006408	.0009366	.005301
%RSD	.4146060	.6873155	.1228543	.3210834	.1168613	.2812478
#1	.8079928	2.052741	.9639831	1.997138	.8011812	1.885046
#2	.8014107	2.026965	.9617113	1.988782	.8007610	1.879204
#3	.8056646	2.030388	.9634205	2.001376	.8025521	1.889786
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1728996	.1901299	.1913941	.9711869	.4041300	.1926355
Stddev	.0008631	.0007377	.0002762	.0115554	.0005188	.0004689
%RSD	.4992007	.3879988	.1443110	1.189822	.1283762	.2433995
#1	.1719324	.1909727	.1916975	.9691738	.4036346	.1930080
#2	.1735915	.1898154	.1911572	.9607703	.4040859	.1921090
#3	.1731749	.1896016	.1913277	.9836166	.4046694	.1927897
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3065504	2.840694	.1824951	1.862938	.4830139	.0744888
Stddev	.0003327	.027463	.0002479	.008803	.0008124	.0001944
%RSD	.1085257	.9667818	.1358233	.4725392	.1682023	.2610223
#1	.3067489	2.818696	.1827736	1.867789	.4838417	.0742644
#2	.3061663	2.831911	.1822988	1.852776	.4822177	.0746053
#3	.3067359	2.871474	.1824128	1.868248	.4829824	.0745968
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.987896	.2799655	.2030578	9.261124	.2667603	.4103036
Stddev	.018685	.0012534	.0011390	.004572	.0010536	.0013503
%RSD	.6253708	.4476831	.5609315	.0493718	.3949738	.3291000
#1	2.967478	.2785183	.2043710	9.256213	.2676478	.4112994
#2	2.992068	.2806826	.2023378	9.261902	.2670372	.4087666
#3	3.004143	.2806957	.2024646	9.265258	.2655958	.4108446

Sample Name: PB166109BS Acquired: 1/20/2025 13:04:41 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.6649278	.1827729	F .6915143	5.606022	F -.015271	.1904851
Stddev	.0018719	.0013908	.0039267	.012907	.002033	.0001289
%RSD	.2815237	.7609508	.5678465	.2302423	13.31441	.0676831
#1	.6648477	.1825259	.6893364	5.620538	-.013776	.1904710
#2	.6630971	.1815222	.6891591	5.595836	-.017586	.1906205
#3	.6668384	.1842707	.6960473	5.601693	-.014450	.1903639

Elem	Sr4077
Units	ppm
Avg	.1795081
Stddev	.0002626
%RSD	.1463068
#1	.1796941
#2	.1792077
#3	.1796224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.332	51355.86	9480.603	1789.195	4016.127
Stddev	5.010	215.48	40.128	6.810	7.899
%RSD	.1876753	.4195764	.4232624	.3806446	.1966807
#1	2665.673	51505.64	9441.837	1787.899	4007.212
#2	2675.042	51453.02	9521.966	1796.561	4018.914
#3	2667.281	51108.91	9478.007	1783.126	4022.255

Sample Name: Q1119-01 Acquired: 1/20/2025 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.009177	-.010252	.1124186	.0023555	.0040300	.0967475	.5170458
Stddev	.002184	.002578	.0010633	.0029088	.0008075	.0042075	.0011563
%RSD	23.79680	25.14290	.9458278	123.4914	20.03583	4.348952	.2236444
#1	-.009571	-.011866	.1112161	-.000960	.0049333	.1001404	.5162491
#2	-.011137	-.007279	.1128053	.004479	.0033784	.0980625	.5183721
#3	-.006823	-.011611	.1132345	.003547	.0037784	.0920395	.5165161
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0004667	9.949606	.0012300	.0015538	.0584548	.9058261
Stddev	.000074	.0001053	.019329	.0000293	.0000540	.0005511	.0130443
%RSD	77.27080	22.55885	.1942738	2.379797	3.473278	.9428056	1.440043
#1	-.000177	.0003919	9.961108	.0012045	.0015055	.0578977	.9162736
#2	-.000083	.0004211	9.960421	.0012619	.0016121	.0584669	.8912061
#3	-.000029	.0005871	9.927290	.0012234	.0015439	.0589997	.9099986
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109096	1.153921	.0134179	.0013796	242.2220	.0005736	.9944036
Stddev	.0005705	.009210	.0001132	.0005041	1.4762	.0008676	.0048620
%RSD	.5143914	.7981187	.8437676	36.53640	.6094515	151.2502	.4889314
#1	.1112667	1.158518	.0134557	.0008418	243.7430	.0014239	1.000018
#2	.1112106	1.159926	.0135074	.0018413	242.1280	-.000310	.991594
#3	.1102517	1.143317	.0132906	.0014557	240.7951	.000607	.991599
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.130096	.2511757	.0014254	.0018293	.0015766	.5115507	.7797278
Stddev	.055065	.0008345	.0002646	.0011083	.0007196	.0046753	.0059091
%RSD	4.872580	.3322552	18.56191	60.58267	45.64053	.9139397	.7578375
#1	1.153690	.2516607	.0015633	.0021846	.0022544	.5076368	.7782203
#2	1.067165	.2516544	.0011204	.0027164	.0016539	.5102875	.7747185
#3	1.169432	.2502121	.0015926	.0005870	.0008215	.5167278	.7862446

Sample Name: Q1119-01 Acquired: 1/20/2025 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.542855	-.003040	.0626407
Stddev	.011473	.000914	.0000243
%RSD	.7435946	30.07830	.0387655
#1	1.537733	-.003933	.0626553
#2	1.534836	-.002106	.0626540
#3	1.555997	-.003081	.0626126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.270	48868.67	9704.310	1663.518	3602.059
Stddev	1.499	167.73	54.700	7.560	4.537
%RSD	.0606302	.3432324	.5636716	.4544745	.1259474
#1	2472.557	48690.45	9673.038	1654.806	3606.247
#2	2473.605	49023.45	9672.421	1668.358	3602.691
#3	2470.649	48892.13	9767.472	1667.391	3597.240

Sample Name: Q1119-01DUP Acquired: 1/20/2025 13:13:05 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.007933	-.007785	.1121818	.0035745	.0036011	.0930629	.5390097
Stddev	.000418	.000709	.0003429	.0003960	.0011446	.0031626	.0028344
%RSD	5.267360	9.109982	.3056483	11.07772	31.78336	3.398324	.5258580
#1	-.007885	-.006994	.1120713	.0033293	.0041382	.0896536	.5422570
#2	-.008372	-.007997	.1119079	.0040313	.0043783	.0959008	.5370317
#3	-.007541	-.008364	.1125663	.0033629	.0022868	.0936342	.5377406
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	.0004485	10.10017	.0009267	.0015527	.0584783	.9513421
Stddev	.000023	.0000472	.02658	.0001539	.0002955	.0004743	.0055088
%RSD	25.67723	10.52270	.2631905	16.61000	19.03311	.8110528	.5790577
#1	-.000095	.0003940	10.12599	.0007990	.0017202	.0579928	.9575083
#2	-.000066	.0004775	10.07288	.0010976	.0017264	.0589405	.9469059
#3	-.000113	.0004739	10.10164	.0008836	.0012115	.0585016	.9496122
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139260	1.172333	.0134725	.0012605	250.6489	.0012231	.9906048
Stddev	.0002720	.014496	.0001810	.0003945	.9375	.0010860	.0062222
%RSD	.2387373	1.236493	1.343449	31.29514	.3740265	88.79142	.6281167
#1	.1138565	1.170914	.0134043	.0016508	250.5099	.0011561	.9962212
#2	.1136955	1.158599	.0133355	.0008620	249.7887	.0023410	.9839163
#3	.1142260	1.187487	.0136777	.0012687	251.6482	.0001721	.9916770
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.133701	.2471354	.0014466	.0018244	.0011427	.5331905	.7847592
Stddev	.022125	.0010210	.0000527	.0003982	.0000705	.0015418	.0008412
%RSD	1.951582	.4131472	3.643143	21.82805	6.169921	.2891662	.1071922
#1	1.156874	.2460968	.0014330	.0014691	.0011222	.5336975	.7855468
#2	1.131432	.2481379	.0014019	.0022549	.0010847	.5344150	.7848578
#3	1.112799	.2471714	.0015047	.0017493	.0012212	.5314591	.7838731

Sample Name: Q1119-01DUP Acquired: 1/20/2025 13:13:05 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.543496	-.003966	.0644702
Stddev	.008591	.000707	.0003943
%RSD	.5565622	17.83224	.6115969
#1	1.553258	-.003153	.0649054
#2	1.540138	-.004433	.0641368
#3	1.537091	-.004314	.0643684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.218	49120.25	9932.423	1689.916	3595.934
Stddev	.478	36.56	3.073	5.994	3.933
%RSD	.0192919	.0744389	.0309348	.3547218	.1093675
#1	2475.668	49122.78	9934.661	1686.094	3596.374
#2	2474.717	49155.48	9933.688	1696.824	3591.800
#3	2475.270	49082.49	9928.920	1686.828	3599.629

Sample Name: Q1119-01LX5 Acquired: 1/20/2025 13:17:30 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001669	-.001237	.0228238	-.000640	.0006748	.0211442	.1084270
Stddev	.000897	.000180	.0007646	.000359	.0006750	.0020603	.0005669
%RSD	53.73761	14.54437	3.349793	56.10882	100.0162	9.744288	.5227948
#1	-.002668	-.001223	.0234914	-.000322	.0013812	.0214903	.1078231
#2	-.000933	-.001424	.0219897	-.001029	.0000364	.0189327	.1089476
#3	-.001405	-.001065	.0229902	-.000568	.0006069	.0230096	.1085103
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0001177	2.094555	-.000258	.0002310	.0126253	.1883321
Stddev	.000012	.0000920	.005069	.000240	.0002073	.0003795	.0040142
%RSD	138.8804	78.13218	.2420296	92.88982	89.74612	3.006144	2.131429
#1	-.000023	.0000169	2.089753	-.000438	.0004568	.0121993	.1838461
#2	-.000002	.0001391	2.094057	-.000350	.0001869	.0129273	.1895650
#3	-.000002	.0001971	2.099855	.000014	.0000493	.0127495	.1915852
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250762	.2613671	.0026851	.0015197	46.59206	.0000102	.1933208
Stddev	.0001511	.0134452	.0002086	.0001387	.22948	.0009904	.0002779
%RSD	.6026839	5.144172	7.767909	9.127585	.4925345	9751.553	.1437581
#1	.0249252	.2555722	.0024506	.0014061	46.78208	.0009093	.1933125
#2	.0250760	.2767380	.0027545	.0014787	46.65699	-.001051	.1936028
#3	.0252274	.2517911	.0028501	.0016743	46.33711	.000173	.1930472
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2006971	.0528257	.0002315	.0008816	.0008049	.1014903	.1499061
Stddev	.0360805	.0012392	.0002117	.0007884	.0009530	.0080614	.0016305
%RSD	17.97761	2.345778	91.42745	89.42823	118.4015	7.942985	1.087682
#1	.2250944	.0516662	.0003481	.0012556	.0005324	.1045285	.1496594
#2	.2177454	.0526795	.0003593	-.000024	.0000178	.0923513	.1484131
#3	.1592515	.0541315	-.000013	.001413	.0018645	.1075911	.1516460

Sample Name: Q1119-01LX5 Acquired: 1/20/2025 13:17:30 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.3103833	.0021352	.0133426
Stddev	.0034595	.0007049	.0000593
%RSD	1.114595	33.01602	.4445335
#1	.3077291	.0027409	.0132756
#2	.3142959	.0013614	.0133638
#3	.3091250	.0023032	.0133884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.556	53418.51	9701.818	1846.955	3868.657
Stddev	1.528	76.75	65.811	8.787	7.020
%RSD	.0582606	.1436719	.6783351	.4757741	.1814483
#1	2623.000	53329.90	9742.643	1837.999	3867.020
#2	2620.856	53464.09	9736.913	1855.564	3862.600
#3	2623.813	53461.55	9625.898	1847.300	3876.350

Sample Name: Q1119-01MS Acquired: 1/20/2025 13:21:48 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8342149	1.965653	1.059793	2.037410	.8296332	2.013946	.7593320
Stddev	.0014983	.003712	.004577	.011212	.0015207	.008093	.0014234
%RSD	.1796077	.1888632	.4318314	.5502947	.1832967	.4018540	.1874575
#1	.8325135	1.968687	1.059380	2.027456	.8282464	2.014269	.7607549
#2	.8353373	1.961513	1.055437	2.035219	.8293939	2.005696	.7579081
#3	.8347939	1.966758	1.064562	2.049556	.8312594	2.021873	.7593331
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787226	.1944812	11.36686	.4043341	.1991988	.3558525	3.992665
Stddev	.0000243	.0007924	.02579	.0010070	.0006673	.0013418	.024029
%RSD	.0136090	.4074382	.2268540	.2490578	.3349855	.3770695	.6018412
#1	.1787046	.1943383	11.39590	.4046031	.1986780	.3543362	3.995600
#2	.1787128	.1937700	11.34665	.4032199	.1989675	.3563349	3.967302
#3	.1787503	.1953354	11.35803	.4051793	.1999510	.3568864	4.015092
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3173748	3.010843	.5041071	.0746022	251.2145	.2901072	1.182812
Stddev	.0004068	.013056	.0023343	.0001728	2.7943	.0007207	.005600
%RSD	.1281742	.4336206	.4630590	.2315785	1.112334	.2484144	.4734307
#1	.3170597	3.022563	.5042469	.0745490	249.5152	.2903673	1.182987
#2	.3178341	3.013196	.5017060	.0747952	249.6887	.2906618	1.188322
#3	.3172307	2.996771	.5063683	.0744622	254.4395	.2892926	1.177127
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.63883	.5029703	.4360121	.6906626	.1925755	1.230077	6.835637
Stddev	.01842	.0005354	.0012547	.0037574	.0002754	.020877	.040831
%RSD	.1582337	.1064516	.2877676	.5440214	.1430183	1.697176	.5973268
#1	11.63025	.5024622	.4345635	.6882514	.1922764	1.220927	6.818374
#2	11.65997	.5029193	.4367571	.6887445	.1926316	1.215338	6.806273
#3	11.62627	.5035294	.4367158	.6949918	.1928186	1.253967	6.882265

Sample Name: Q1119-01MS Acquired: 1/20/2025 13:21:48 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.610671	.1969525	.2570064
Stddev	.007682	.0013263	.0005655
%RSD	.4769672	.6733963	.2200196
#1	1.614871	.1975527	.2575479
#2	1.601804	.1978725	.2564197
#3	1.615338	.1954322	.2570516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.214	49156.49	9466.633	1716.594	3573.952
Stddev	4.276	67.80	15.384	7.337	6.530
%RSD	.1730371	.1379344	.1625040	.4273995	.1827063
#1	2476.109	49123.23	9451.614	1711.985	3578.697
#2	2468.205	49234.51	9465.927	1712.744	3576.654
#3	2469.329	49111.75	9482.357	1725.055	3566.505

Sample Name: Q1119-01MSD Acquired: 1/20/2025 13:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8232317	1.956923	1.045525	2.009860	.8273507	2.015988	.7386762
Stddev	.0043079	.010499	.001931	.009695	.0029650	.003272	.0021168
%RSD	.5232866	.5365300	.1846886	.4823550	.3583690	.1623258	.2865630
#1	.8198578	1.968250	1.043851	2.011788	.8303693	2.019112	.7378711
#2	.8217531	1.955004	1.045087	1.999346	.8244424	2.012585	.7410774
#3	.8280841	1.947516	1.047638	2.018446	.8272403	2.016267	.7370802
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780259	.1916701	11.23906	.4064869	.1973064	.3508115	3.936122
Stddev	.0007261	.0007251	.05103	.0008700	.0008073	.0005808	.019094
%RSD	.4078338	.3782969	.4540786	.2140325	.4091686	.1655470	.4850949
#1	.1773435	.1912291	11.18477	.4074350	.1971307	.3502828	3.948778
#2	.1787889	.1912741	11.28605	.4063007	.1966014	.3507185	3.945428
#3	.1779453	.1925069	11.24636	.4057251	.1981871	.3514331	3.914159
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3106710	3.001453	.4967988	.0747333	253.7859	.2891747	1.184286
Stddev	.0017946	.017212	.0017622	.0001705	1.0129	.0013022	.010461
%RSD	.5776388	.5734552	.3547095	.2281448	.3990968	.4503260	.8833120
#1	.3094957	2.981691	.4956531	.0746776	253.8522	.2890605	1.183024
#2	.3127367	3.013161	.4959153	.0749246	254.7641	.2879334	1.195320
#3	.3097807	3.009509	.4988280	.0745975	252.7416	.2905303	1.174512
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.53239	.4987011	.4399718	.6795877	.1889742	1.247980	6.550984
Stddev	.05450	.0032487	.0006722	.0015537	.0008868	.009017	.032641
%RSD	.4725585	.6514433	.1527715	.2286251	.4692545	.7225213	.4982535
#1	11.58892	.4961390	.4396011	.6784055	.1879505	1.251770	6.541207
#2	11.48018	.5023552	.4395666	.6790100	.1894676	1.237687	6.524349
#3	11.52809	.4976092	.4407477	.6813475	.1895046	1.254483	6.587395

Sample Name: Q1119-01MSD Acquired: 1/20/2025 13:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.550666	.1911677	.2513618
Stddev	.002847	.0004811	.0008022
%RSD	.1835979	.2516409	.3191562
#1	1.553650	.1913603	.2507931
#2	1.547979	.1915227	.2522794
#3	1.550369	.1906202	.2510129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.618	49163.91	9557.429	1684.656	3682.140
Stddev	4.728	92.88	41.948	9.195	8.275
%RSD	.1877879	.1889262	.4389014	.5458365	.2247263
#1	2517.830	49058.13	9600.444	1688.738	3684.073
#2	2522.236	49232.13	9516.637	1674.126	3689.278
#3	2512.787	49201.48	9555.206	1691.104	3673.070

Sample Name: CCV03 Acquired: 1/20/2025 13:35:00 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.929396	5.016580	4.801998	5.033482	5.070192	9.682971	9.207992
Stddev	.002611	.018847	.008498	.001382	.003451	.044699	.073767
%RSD	.0529597	.3756963	.1769719	.0274470	.0680625	.4616218	.8011208
#1	4.926655	5.014763	4.810674	5.033970	5.070198	9.654211	9.292231
#2	4.931853	4.998706	4.793690	5.031922	5.066738	9.734468	9.176803
#3	4.929681	5.036269	4.801629	5.034553	5.073640	9.660235	9.154942
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341155	2.402299	23.42106	.9756322	2.401237	1.230371	4.646246
Stddev	.0007552	.003318	.05938	.0002471	.002120	.000183	.010320
%RSD	.3225926	.1381200	.2535202	.0253285	.0882731	.0148796	.2221140
#1	.2349295	2.405985	23.41005	.9759050	2.403134	1.230493	4.635163
#2	.2339798	2.399552	23.48518	.9754234	2.398949	1.230160	4.655579
#3	.2334374	2.401358	23.36796	.9755681	2.401626	1.230459	4.647997
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.274434	23.49170	2.399425	1.195354	23.78900	2.379610	2.409676
Stddev	.008607	.04419	.002550	.000955	.12790	.005913	.004074
%RSD	.3784026	.1881229	.1062652	.0799022	.5376506	.2484790	.1690633
#1	2.271491	23.52390	2.401884	1.195902	23.64638	2.383796	2.411286
#2	2.284126	23.50990	2.396793	1.195908	23.82710	2.382187	2.412699
#3	2.267685	23.44132	2.399599	1.194251	23.89353	2.372846	2.405043
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.57662	4.644602	5.049728	4.795426	4.658014	4.850205	4.834064
Stddev	.12917	.012149	.004002	.007770	.014548	.045421	.006714
%RSD	.5478804	.2615819	.0792423	.1620290	.3123141	.9364821	.1388964
#1	23.43798	4.657490	5.050369	4.801004	4.652091	4.801811	4.841723
#2	23.69358	4.642957	5.045445	4.786551	4.674589	4.856891	4.829194
#3	23.59829	4.633359	5.053370	4.798723	4.647363	4.891913	4.831274

Sample Name: CCV03 Acquired: 1/20/2025 13:35:00 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.773845	4.680312	4.685271
Stddev	.010492	.022790	.016182
%RSD	.2197736	.4869351	.3453796
#1	4.780695	4.663377	4.697017
#2	4.761766	4.706224	4.691982
#3	4.779074	4.671336	4.666813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.177	51702.04	9341.868	1766.625	3770.476
Stddev	1.424	92.73	51.990	.717	3.396
%RSD	.0545729	.1793521	.5565219	.0405732	.0900749
#1	2609.426	51600.40	9292.866	1765.809	3767.360
#2	2611.820	51723.70	9336.335	1767.155	3774.096
#3	2609.285	51782.03	9396.403	1766.911	3769.973

Sample Name: CCB03 Acquired: 1/20/2025 13:39:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000431	-.001875	-.000430	-.001529	.0006760	-.007936	-.004510
Stddev	.002914	.001692	.000321	.001767	.0002971	.001963	.001237
%RSD	676.3991	90.24355	74.61610	115.5949	43.94328	24.73576	27.42800

#1	-.001386	-.001008	-.000118	-.000432	.0008309	-.009051	-.005159
#2	-.002748	-.003825	-.000759	-.000586	.0008637	-.005669	-.005288
#3	.002841	-.000792	-.000412	-.003567	.0003335	-.009087	-.003084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000013	-.000263	-.000291	.0002801	.0000436	.0050736
Stddev	.000016	.000023	.007355	.000033	.0000351	.0001562	.0045476
%RSD	304.1556	178.1921	2797.897	11.27579	12.54650	358.3989	89.63324

#1	.000002	-.000035	-.002073	-.000327	.0003173	.0002177	.0090453
#2	-.000024	-.000014	.007829	-.000262	.0002754	-.000003	.0001128
#3	.000006	.000011	-.006544	-.000285	.0002475	-.000084	.0060626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004394	.0066552	-.000092	.0014588	-.005560	.0013686	-.000805
Stddev	.0003109	.0112421	.000425	.0002473	.002734	.0007854	.000276
%RSD	70.75799	168.9220	462.1604	16.94837	49.17666	57.38632	34.34902

#1	.0007558	.0161821	-.000542	.0013872	-.003725	.0015404	-.000776
#2	.0004283	.0095281	-.000037	.0012553	-.008702	.0020538	-.000544
#3	.0001342	-.005745	.000303	.0017340	-.004253	.0005115	-.001095

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057483	.0065323	.0002130	-.000325	.0004022	.0031746	-.004455
Stddev	.049822	.0003418	.0003120	.000587	.0004363	.0034453	.003416
%RSD	86.67293	5.232138	146.4902	180.5236	108.4790	108.5266	76.68365

#1	-.100957	.0065519	-.000073	.000340	.0008505	.0028500	-.000589
#2	-.068377	.0068638	.000167	-.000546	-.000021	.0067708	-.005711
#3	-.003115	.0061811	.000545	-.000769	.000377	-.000097	-.007066

Sample Name: CCB03 Acquired: 1/20/2025 13:39:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.007669	.0006840	.0000111
Stddev	.001841	.0001792	.0000248
%RSD	24.00619	26.19545	223.7302
#1	-.008377	.0005047	.0000323
#2	-.005579	.0008630	.0000172
#3	-.009051	.0006844	-.000016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.892	52713.67	9777.475	1858.784	4138.379
Stddev	5.643	119.21	52.254	4.129	5.903
%RSD	.2068028	.2261437	.5344325	.2221493	.1426288
#1	2722.531	52670.98	9835.990	1858.568	4131.566
#2	2730.848	52621.68	9735.471	1854.767	4141.959
#3	2733.298	52848.34	9760.964	1863.017	4141.611

Sample Name: Q1119-01A Acquired: 1/20/2025 13:43:32 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8250473	1.958215	1.051715	2.013202	.8233233	1.944241	.7104334
Stddev	.0022611	.023139	.005168	.010061	.0057008	.008355	.0022263
%RSD	.2740592	1.181643	.4913885	.4997683	.6924170	.4297257	.3133696
#1	.8246511	1.936710	1.046820	2.008020	.8226508	1.936371	.7079254
#2	.8230105	1.955235	1.051208	2.006788	.8179886	1.943342	.7111986
#3	.8274804	1.982699	1.057118	2.024798	.8293306	1.953009	.7121761
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1795904	.1927909	10.92339	.3982328	.1979633	.3536599	3.671823
Stddev	.0001214	.0008494	.00256	.0004332	.0010283	.0010830	.019563
%RSD	.0675862	.4405696	.0233972	.1087849	.5194661	.3062135	.5327800
#1	.1795161	.1919601	10.92506	.3979490	.1970624	.3530597	3.650011
#2	.1797305	.1927549	10.92465	.3987314	.1977438	.3530099	3.677643
#3	.1795246	.1936577	10.92044	.3980179	.1990836	.3549100	3.687815
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3015706	2.877888	.5003081	.0723814	228.6517	.2787581	1.153751
Stddev	.0009411	.002936	.0016714	.0005895	1.4949	.0026688	.003549
%RSD	.3120492	.1020234	.3340785	.8144605	.6537888	.9574001	.3076068
#1	.3010217	2.878873	.4989465	.0720004	229.3647	.2766914	1.150358
#2	.3010330	2.874586	.4998045	.0720835	226.9337	.2778118	1.153456
#3	.3026572	2.880205	.5021735	.0730604	229.6565	.2817712	1.157438
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76016	.5102856	.4336826	.6845420	.1824237	1.126017	6.785066
Stddev	.07164	.0016594	.0028127	.0019909	.0005165	.009916	.028880
%RSD	.6658034	.3251959	.6485623	.2908353	.2831589	.8806338	.4256410
#1	10.72853	.5084030	.4314576	.6826481	.1818746	1.124790	6.761835
#2	10.70977	.5109176	.4327462	.6843604	.1824967	1.116772	6.775963
#3	10.84217	.5115361	.4368441	.6866174	.1828999	1.136490	6.817401

Sample Name: Q1119-01A Acquired: 1/20/2025 13:43:32 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.590674	.1833759	.2443022
Stddev	.007546	.0009483	.0005358
%RSD	.4743628	.5171290	.2193290
#1	1.583078	.1824745	.2437179
#2	1.590775	.1832882	.2444182
#3	1.598168	.1843649	.2447705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.574	50539.48	9353.004	1744.560	3603.381
Stddev	8.807	30.82	28.182	6.538	10.612
%RSD	.3537737	.0609842	.3013182	.3747546	.2944907
#1	2495.541	50513.50	9325.689	1745.990	3611.780
#2	2493.723	50531.41	9351.341	1737.425	3606.909
#3	2479.459	50573.54	9381.980	1750.264	3591.455

Sample Name: Q1103-01 Acquired: 1/20/2025 13:47:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0413174	-.001676	.5774507	-.029996	.0033448	115.7900	.4396106
Stddev	.0009693	.001641	.0030650	.000706	.0012421	.1068	.0007169
%RSD	2.346050	97.86010	.5307867	2.354072	37.13559	.0922781	.1630668
#1	.0414951	-.003168	.5743979	-.030038	.0023878	115.7000	.4404383
#2	.0402716	.000081	.5805278	-.029270	.0028981	115.9081	.4391986
#3	.0421856	-.001942	.5774265	-.030680	.0047484	115.7618	.4391949
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081813	.0019186	13.18505	.1894661	.0936630	.3158289	195.7255
Stddev	.0000987	.0002510	.01991	.0006435	.0002873	.0021303	.6016
%RSD	1.205933	13.08468	.1510054	.3396323	.3067575	.6745235	.3073499
#1	.0080758	.0018493	13.16455	.1901872	.0939947	.3136470	196.3637
#2	.0081969	.0021969	13.18629	.1892609	.0934917	.3159362	195.1689
#3	.0082713	.0017094	13.20431	.1889502	.0935026	.3179036	195.6439
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.248413	29.03793	.1803034	.0033948	2.026574	.2737063	1.833906
Stddev	.008590	.06290	.0002992	.0001888	.011920	.0012752	.003744
%RSD	.2021923	.2166165	.1659403	5.560447	.5881833	.4659106	.2041531
#1	4.251777	28.96584	.1800130	.0033033	2.039922	.2734956	1.832578
#2	4.254812	29.08162	.1802867	.0036118	2.016992	.2725496	1.838132
#3	4.238650	29.06633	.1806106	.0032692	2.022807	.2750738	1.831006
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.835601	.0751242	.0036673	.0560107	3.039524	8.343315	6.271252
Stddev	.060135	.0029279	.0003374	.0005596	.003141	.010351	.020018
%RSD	.6806001	3.897400	9.199940	.9990089	.1033496	.1240595	.3192091
#1	8.904625	.0784133	.0040540	.0564269	3.038597	8.336024	6.294288
#2	8.794537	.0728023	.0034331	.0553746	3.043024	8.338758	6.261379
#3	8.807639	.0741569	.0035148	.0562306	3.036949	8.355162	6.258087

Sample Name: Q1103-01 Acquired: 1/20/2025 13:47:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8290286	.1170604	-.107548
Stddev	.0064639	.0003283	.000536
%RSD	.7796927	.2804526	.4979256
#1	.8329996	.1168391	-.108110
#2	.8325163	.1174376	-.107043
#3	.8215700	.1169046	-.107490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.024	57291.18	11218.46	2017.237	3761.452
Stddev	7.528	165.40	32.37	4.120	7.839
%RSD	.2531242	.2887081	.2885736	.2042275	.2083954
#1	2978.677	57181.62	11255.82	2016.520	3769.267
#2	2978.055	57481.44	11198.66	2021.668	3753.589
#3	2965.338	57210.46	11200.90	2013.522	3761.499

Sample Name: Q1110-01 Acquired: 1/20/2025 13:51:46 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0672395	-.018182	.7620305	-.058753	-.000676	157.6562	.6717667
Stddev	.0007904	.001608	.0023211	.001275	.002684	.3165	.0023933
%RSD	1.175439	8.844998	.3045914	2.170185	397.0111	.2007417	.3562754

#1	.0680778	-.019869	.7605073	-.060137	-.003377	157.4285	.6710295
#2	.0665080	-.016666	.7608824	-.058495	.001990	158.0176	.6744420
#3	.0671327	-.018010	.7647019	-.057626	-.000641	157.5225	.6698287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107401	.0076949	29.41816	.4356712	.2117672	.5425756	349.4038
Stddev	.0000738	.0005742	.07071	.0008116	.0007277	.0027087	3.1761
%RSD	.6867113	7.462626	.2403452	.1862873	.3436440	.4992274	.9090016

#1	.0108123	.0070601	29.36800	.4349642	.2110964	.5408758	352.5314
#2	.0106649	.0081782	29.49903	.4354920	.2125409	.5456993	346.1814
#3	.0107431	.0078463	29.38746	.4365574	.2116643	.5411518	349.4986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.193750	51.18772	.3642122	.0033282	6.459833	.5721778	.9698092
Stddev	.021138	.22556	.0003018	.0006522	.044709	.0016603	.0062311
%RSD	.2938448	.4406571	.0828732	19.59616	.6921042	.2901675	.6425050

#1	7.179766	50.93918	.3645596	.0039082	6.509168	.5702741	.9645364
#2	7.218067	51.37942	.3640140	.0026222	6.421996	.5729336	.9766852
#3	7.183416	51.24458	.3640631	.0034542	6.448335	.5733257	.9682059

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.287946	.1222433	.0018596	.4689160	6.597804	8.184132	6.676002
Stddev	.061342	.0064842	.0001900	.0021712	.012377	.059368	.009490
%RSD	.7401351	5.304362	10.21770	.4630141	.1875895	.7254076	.1421443

#1	8.358777	.1285495	.0020633	.4669319	6.589892	8.202282	6.683349
#2	8.252776	.1155946	.0016871	.4712352	6.612067	8.117808	6.679370
#3	8.252285	.1225858	.0018285	.4685808	6.591453	8.232308	6.665288

Sample Name: Q1110-01 Acquired: 1/20/2025 13:51:46 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8994131	.1664784	-.200907
Stddev	.0010223	.0010473	.003346
%RSD	.1136596	.6291014	1.665442
#1	.9002957	.1672695	-.204002
#2	.8996508	.1668749	-.197356
#3	.8982930	.1652907	-.201364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.835	60929.13	12215.43	2126.433	3661.289
Stddev	5.456	193.16	68.64	3.631	4.058
%RSD	.1724593	.3170297	.5618857	.1707368	.1108293
#1	3157.724	60894.75	12291.08	2128.874	3659.391
#2	3168.218	61137.17	12157.13	2128.164	3665.949
#3	3165.563	60755.46	12198.07	2122.261	3658.529

Sample Name: Q1115-01DUP Acquired: 1/20/2025 13:55:55 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0694209	-.003584	.5573433	-.021586	.0076632	80.81018
Stddev	.0026508	.002271	.0018747	.002034	.0010038	.08671
%RSD	3.818469	63.37272	.3363650	9.424648	13.09819	.1073025

#1	.0714690	-.000985	.5565859	-.023428	.0087484	80.72244
#2	.0703669	-.005189	.5594782	-.019402	.0067680	80.81225
#3	.0664269	-.004577	.5559658	-.021927	.0074733	80.89583

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6264285	.0064034	.0008500	17.30971	.2555428	.0524807
Stddev	.0012262	.0000348	.0001498	.04594	.0008888	.0000885
%RSD	.1957447	.5439828	17.62648	.2653732	.3478214	.1686664

#1	.6251393	.0063980	.0009956	17.27155	.2545659	.0523815
#2	.6265662	.0064407	.0008580	17.29687	.2563039	.0525516
#3	.6275800	.0063717	.0006963	17.36070	.2557586	.0525091

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1640211	152.9367	1.433417	13.95320	.0917800	.0032544
Stddev	.0010440	1.1735	.001569	.03665	.0005412	.0004321
%RSD	.6365046	.7673147	.1094641	.2626949	.5896541	13.27849

#1	.1652118	151.6895	1.432378	13.95148	.0916985	.0030565
#2	.1635883	154.0191	1.432650	13.91743	.0923573	.0037501
#3	.1632630	153.1014	1.435222	13.99068	.0912842	.0029567

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.439560	.2859304	.6553738	6.210270	.0630715	.0051648
Stddev	.013628	.0016162	.0025382	.050754	.0028636	.0000925
%RSD	.9466550	.5652360	.3872851	.8172639	4.540247	1.791593

#1	1.430419	.2841455	.6542792	6.153888	.0606301	.0051693
#2	1.455223	.2863512	.6582757	6.252310	.0662235	.0050701
#3	1.433038	.2872946	.6535667	6.224611	.0623609	.0052550

Sample Name: Q1115-01DUP Acquired: 1/20/2025 13:55:55 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0134151	1.836573	F 10.72421	3.467860	2.012907	.0479328
Stddev	.0007918	.001694	.05954	.010793	.006643	.0007848
%RSD	5.902186	.0922268	.5551471	.3112228	.3300062	1.637346
#1	.0139408	1.834720	10.66155	3.469998	2.014163	.0472345
#2	.0125045	1.836958	10.78004	3.477423	2.005726	.0487822
#3	.0138001	1.838041	10.73103	3.456158	2.018833	.0477817

Elem	Sr4077
Units	ppm
Avg	-.039802
Stddev	.001117
%RSD	2.805137
#1	-.038786
#2	-.040997
#3	-.039623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.189	56758.55	11063.25	1984.709	3841.934
Stddev	2.720	148.92	57.39	7.751	1.668
%RSD	.0931075	.2623677	.5187659	.3905268	.0434071
#1	2919.304	56835.57	11000.50	1987.784	3842.065
#2	2924.307	56586.90	11113.08	1975.893	3840.205
#3	2919.955	56853.19	11076.16	1990.451	3843.532

Sample Name: Q1115-01LX5 Acquired: 1/20/2025 14:00:01 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0112622	-.001623	.1127635	-.005302	.0006151	17.81738	.1320719
Stddev	.0011325	.002713	.0009036	.002252	.0002368	.02841	.0007259
%RSD	10.05542	167.1606	.8012756	42.48121	38.50532	.1594787	.5496075
#1	.0110444	.001387	.1124560	-.004355	.0003514	17.84216	.1328768
#2	.0102545	-.002376	.1137807	-.003678	.0006841	17.82362	.1318718
#3	.0124878	-.003880	.1120539	-.007874	.0008097	17.78636	.1314671
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015334	-.000440	3.844402	.0559028	.0103204	.0372415	33.37368
Stddev	.0000303	.000032	.006408	.0004925	.0002544	.0005707	.22886
%RSD	1.972964	7.340605	.1666732	.8809562	2.465513	1.532427	.6857451
#1	.0015059	-.000427	3.846077	.0553531	.0106133	.0366484	33.63716
#2	.0015286	-.000477	3.849805	.0560514	.0101931	.0372892	33.25951
#3	.0015658	-.000416	3.837323	.0563038	.0101547	.0377868	33.22436
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3203898	3.089801	.0185309	.0016679	.3034931	.0639098	.1446948
Stddev	.0010478	.009248	.0000648	.0003995	.0058537	.0012570	.0008915
%RSD	.3270238	.2993116	.3498545	23.95472	1.928761	1.966765	.6161052
#1	.3207016	3.086232	.0185027	.0017423	.3011083	.0630325	.1436686
#2	.3212463	3.082869	.0186051	.0020249	.3101627	.0653498	.1452778
#3	.3192216	3.100302	.0184850	.0012363	.2992083	.0633471	.1451380
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.300958	.0097048	.0008700	.0012551	.4083147	2.417579	.6733732
Stddev	.007433	.0003142	.0001188	.0006599	.0010809	.014451	.0005807
%RSD	.5713167	3.237793	13.65184	52.57751	.2647098	.5977593	.0862417
#1	1.292935	.0096217	.0009960	.0018753	.4095624	2.433114	.6739972
#2	1.307609	.0094404	.0007601	.0013283	.4076648	2.415087	.6728486
#3	1.302331	.0100522	.0008539	.0005616	.4077170	2.404536	.6732737

Sample Name: Q1115-01LX5 Acquired: 1/20/2025 14:00:01 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.3856089	.0095212	-.008217
Stddev	.0046270	.0003336	.000052
%RSD	1.199911	3.503406	.6300514
#1	.3849800	.0091429	-.008268
#2	.3905182	.0097732	-.008220
#3	.3813286	.0096476	-.008164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.897	52758.36	10119.61	1852.169	4097.307
Stddev	5.770	170.35	58.03	11.718	9.332
%RSD	.2068925	.3228911	.5734094	.6326519	.2277604
#1	2783.911	52725.11	10168.55	1864.548	4089.296
#2	2787.564	52607.09	10055.51	1841.248	4095.070
#3	2795.217	52942.89	10134.77	1850.712	4107.554

Sample Name: Q1115-01MS Acquired: 1/20/2025 14:04:16 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7941683	1.947049	1.572174	1.697643	.7163720	87.79184	.8683771
Stddev	.0036059	.011373	.002928	.003013	.0019482	.04854	.0008255
%RSD	.4540422	.5841216	.1862426	.1775046	.2719472	.0552940	.0950586

#1	.7901397	1.946853	1.575166	1.701116	.7168858	87.84729	.8682134
#2	.7970937	1.935775	1.569314	1.696088	.7180117	87.77119	.8692722
#3	.7952715	1.958519	1.572044	1.695725	.7142184	87.75703	.8676458

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1677553	.1918005	22.02250	.6434184	.2542191	.4571670	176.1074
Stddev	.0012086	.0001961	.06729	.0011814	.0002839	.0015281	1.1295
%RSD	.7204479	.1022560	.3055481	.1836047	.1116593	.3342627	.6413562

#1	.1674761	.1920011	22.01393	.6428914	.2544594	.4583341	176.1926
#2	.1667107	.1916092	21.95990	.6447715	.2542919	.4554374	177.1919
#3	.1690791	.1917912	22.09366	.6425922	.2539059	.4577296	174.9378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.830587	17.54884	.5854595	.0681178	4.135989	.5679524	.9570120
Stddev	.003119	.08017	.0006898	.0002923	.031966	.0012778	.0022410
%RSD	.1704083	.4568634	.1178154	.4290760	.7728818	.2249865	.2341674

#1	1.829890	17.54303	.5855095	.0683667	4.131075	.5683567	.9545072
#2	1.827875	17.47173	.5861230	.0681908	4.170128	.5665213	.9577019
#3	1.833996	17.63176	.5847462	.0677959	4.106764	.5689791	.9588270

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24266	.2890129	.3745708	.6905547	1.755512	2.984724	9.936945
Stddev	.15008	.0004723	.0008221	.0010814	.002833	.032743	.006073
%RSD	.9846122	.1634325	.2194881	.1565943	.1613653	1.097035	.0611187

#1	15.23516	.2893832	.3746133	.6916409	1.758782	2.977558	9.936068
#2	15.39635	.2884810	.3753709	.6905449	1.753842	3.020457	9.931358
#3	15.09647	.2891745	.3737283	.6894783	1.753910	2.956158	9.943409

Sample Name: Q1115-01MS Acquired: 1/20/2025 14:04:16 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	2.427540	.2205101	.1196438
Stddev	.007055	.0004545	.0010413
%RSD	.2906373	.2061313	.8703476

#1	2.421518	.2201279	.1194473
#2	2.425799	.2203896	.1187147
#3	2.435303	.2210127	.1207694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.814	57392.96	11037.86	2025.685	3757.999
Stddev	1.457	148.39	71.31	4.899	1.835
%RSD	.0496004	.2585498	.6460712	.2418614	.0488338

#1	2939.213	57275.32	11027.22	2027.482	3758.325
#2	2936.305	57343.89	11113.89	2020.141	3759.650
#3	2937.925	57559.67	10972.46	2029.432	3756.023

Sample Name: Q1115-01MSD Acquired: 1/20/2025 14:08:14 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7809870	1.936900	1.559189	1.658335	.7132366	88.48876	.8884233
Stddev	.0031292	.009828	.002165	.004701	.0005578	.14002	.0055523
%RSD	.4006741	.5073954	.1388491	.2834863	.0782015	.1582333	.6249632
#1	.7835297	1.925791	1.557389	1.653966	.7127041	88.64369	.8822798
#2	.7819389	1.944461	1.561591	1.663309	.7138166	88.45132	.8899070
#3	.7774924	1.940448	1.558588	1.657729	.7131892	88.37126	.8930830
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1691723	.1895902	22.25148	.6357764	.2521194	.4532944	176.4309
Stddev	.0006701	.0003995	.01039	.0006189	.0003339	.0016687	1.6833
%RSD	.3960775	.2107015	.0466853	.0973384	.1324455	.3681311	.9540596
#1	.1692483	.1897435	22.24150	.6364818	.2519493	.4549027	174.8290
#2	.1698011	.1898903	22.25070	.6355226	.2525042	.4534091	176.2786
#3	.1684674	.1891368	22.26223	.6353248	.2519049	.4515712	178.1852
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.875319	17.72267	.5807768	.0680131	4.095584	.5712363	.9494823
Stddev	.011269	.01542	.0010308	.0002347	.020496	.0009535	.0018904
%RSD	.6009350	.0869868	.1774934	.3451492	.5004475	.1669232	.1990969
#1	1.862425	17.73940	.5819321	.0677436	4.080931	.5716022	.9477043
#2	1.880249	17.70904	.5799511	.0681729	4.086816	.5719528	.9492746
#3	1.883284	17.71958	.5804472	.0681230	4.119006	.5701540	.9514679
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23564	.2907395	.3756428	.6891444	1.800302	3.570096	9.851857
Stddev	.15587	.0013399	.0003237	.0011379	.010399	.042558	.010499
%RSD	1.023033	.4608708	.0861668	.1651113	.5776426	1.192072	.1065670
#1	15.06755	.2893437	.3755127	.6878481	1.791179	3.543919	9.856318
#2	15.26396	.2908594	.3760113	.6896071	1.798102	3.547168	9.839864
#3	15.37540	.2920155	.3754045	.6899781	1.811626	3.619203	9.859388

Sample Name: Q1115-01MSD Acquired: 1/20/2025 14:08:14 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	2.382176	.2251411	.1243032
Stddev	.006424	.0022122	.0003004
%RSD	.2696714	.9825635	.2416955
#1	2.382699	.2234913	.1241744
#2	2.375506	.2242771	.1246466
#3	2.388323	.2276549	.1240887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.162	57776.16	10897.10	2061.498	3802.356
Stddev	6.361	36.94	52.01	5.053	2.729
%RSD	.2144636	.0639439	.4773161	.2450905	.0717684
#1	2959.491	57747.06	10863.70	2059.988	3802.661
#2	2966.834	57817.72	10870.57	2067.133	3799.487
#3	2972.160	57763.69	10957.03	2057.372	3804.919

Sample Name: Q1115-01A Acquired: 1/20/2025 14:12:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8044162	2.027141	1.580274	1.717751	.7345496	89.58746
Stddev	.0042322	.015570	.003792	.006254	.0051530	.12979
%RSD	.5261175	.7680990	.2399645	.3640737	.7015207	.1448729

#1	.8011730	2.030179	1.584339	1.724206	.7376576	89.44762
#2	.8092036	2.040969	1.579654	1.717327	.7373897	89.70405
#3	.8028720	2.010276	1.576831	1.711720	.7286014	89.61071

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8746822	.1704680	.1945330	22.26201	.6515773	.2568963
Stddev	.0009225	.0006094	.0006206	.07495	.0011142	.0005670
%RSD	.1054695	.3574655	.3190278	.3366814	.1710063	.2207195

#1	.8750413	.1711692	.1949521	22.22836	.6515541	.2574391
#2	.8753712	.1701684	.1948269	22.34789	.6527030	.2569422
#3	.8736342	.1700665	.1938201	22.20978	.6504749	.2563078

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4586128	176.4753	1.842862	17.78189	.5920996	.0695587
Stddev	.0033435	.7867	.004431	.05491	.0009960	.0005606
%RSD	.7290456	.4457896	.2404504	.3088210	.1682173	.8058744

#1	.4621558	175.6145	1.842149	17.71958	.5926605	.0689203
#2	.4581696	177.1572	1.847607	17.80285	.5926887	.0697855
#3	.4555130	176.6541	1.838831	17.82324	.5909496	.0699703

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169746	.5752546	.9626292	15.49093	.2881196	.3833063
Stddev	.015693	.0033508	.0048332	.05199	.0011973	.0012316
%RSD	.3763450	.5824912	.5020838	.3355945	.4155577	.3213023

#1	4.155136	.5752054	.9624226	15.43215	.2868048	.3845980
#2	4.167768	.5719286	.9675624	15.53089	.2891472	.3831756
#3	4.186333	.5786297	.9579026	15.50975	.2884068	.3821452

Sample Name: Q1115-01A Acquired: 1/20/2025 14:12:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7021094	1.820259	4.866938	F 10.02200	2.424452	.2251085
Stddev	.0010476	.000391	.048806	.03467	.012115	.0014503
%RSD	.1492033	.0214965	1.002807	.3459476	.4996951	.6442507
#1	.7026845	1.820567	4.810584	10.04482	2.429399	.2248986
#2	.7027434	1.819819	4.894705	10.03907	2.433309	.2266523
#3	.7009003	1.820390	4.895526	9.98210	2.410646	.2237746

Elem	Sr4077
Units	ppm
Avg	.1229281
Stddev	.0010874
%RSD	.8845945
#1	.1241382
#2	.1226132
#3	.1220328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.936	57270.75	10967.50	2005.807	3774.278
Stddev	4.680	78.77	25.41	6.499	5.502
%RSD	.1591919	.1375422	.2316985	.3240168	.1457754
#1	2935.367	57361.59	10939.94	2002.951	3770.945
#2	2939.720	57229.36	10972.55	2001.225	3771.261
#3	2944.720	57221.31	10990.01	2013.245	3780.629

Sample Name: Q1118-01 Acquired: 1/20/2025 14:16:09 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0112281	-.010386	.0804787	-.036205	.0008137	88.66821
Stddev	.0029582	.004930	.0026293	.002283	.0016095	.10386
%RSD	26.34679	47.47002	3.267043	6.306829	197.7995	.1171338
#1	.0140146	-.007004	.0835148	-.038339	.0026502	88.55176
#2	.0081238	-.016043	.0789561	-.033797	.0001428	88.70159
#3	.0115458	-.008112	.0789654	-.036479	-.000352	88.75127
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050194	.0057950	-.000355	36.86295	.2078478	.1633995
Stddev	.0017207	.0001260	.000057	.03810	.0001954	.0004192
%RSD	.4248415	2.174068	16.08396	.1033629	.0940151	.2565263
#1	.4047092	.0056555	-.000419	36.82679	.2077557	.1635774
#2	.4068741	.0059006	-.000334	36.90273	.2080722	.1637004
#3	.4034749	.0058288	-.000311	36.85933	.2077154	.1629207
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8344710	231.2042	2.171973	49.68448	.3331148	.0042368
Stddev	.0004887	1.2362	.007197	.18467	.0011617	.0001657
%RSD	.0585596	.5346732	.3313615	.3716776	.3487407	3.910929
#1	.8344104	232.2588	2.174341	49.49274	.3343347	.0042722
#2	.8349872	231.5100	2.177688	49.69957	.3329880	.0043820
#3	.8340155	229.8439	2.163890	49.86115	.3320217	.0040563
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828288	.3422044	.3765528	19.94011	.0698428	.0043854
Stddev	.047869	.0018370	.0002497	.14526	.0021136	.0000697
%RSD	.4870522	.5368155	.0663139	.7284702	3.026174	1.589622
#1	9.882327	.3411886	.3763892	20.07430	.0721566	.0044433
#2	9.811334	.3410996	.3764289	19.96015	.0693581	.0044049
#3	9.791204	.3443250	.3768402	19.78587	.0680137	.0043080

Sample Name: Q1118-01 Acquired: 1/20/2025 14:16:09 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000006	5.585064	4.634099	F 10.51383	F 14.28265	.1242062
Stddev	.000494	.008454	.009820	.05962	.08049	.0006476
%RSD	8481.761	.1513646	.2119080	.5670584	.5635589	.5214169
#1	.000542	5.586205	4.645123	10.56789	14.36696	.1247775
#2	-.000417	5.592889	4.630885	10.52371	14.27437	.1243384
#3	-.000142	5.576098	4.626289	10.44989	14.20662	.1235026

Elem	Sr4077
Units	ppm
Avg	-.160755
Stddev	.001005
%RSD	.6254782
#1	-.161634
#2	-.160973
#3	-.159659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.591	57751.18	11489.67	2007.569	3775.424
Stddev	2.644	79.14	66.26	7.864	6.079
%RSD	.0863964	.1370320	.5767223	.3917067	.1610114
#1	3062.043	57813.45	11560.01	2016.027	3770.811
#2	3057.539	57777.98	11480.57	2006.199	3773.148
#3	3062.192	57662.13	11428.43	2000.480	3782.312

Sample Name: PB166095BL Acquired: 1/20/2025 14:20:13 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.002279	-.000206	-.000715	.0007329	.0000950	-.000191	-.004402
Stddev	.001681	.001103	.000477	.0010949	.0009069	.007243	.000535
%RSD	73.76554	534.8037	66.63316	149.3942	954.6684	3796.874	12.16404

#1	-.003823	.000268	-.000553	.0017739	.0008211	-.008516	-.004724
#2	-.002525	-.001467	-.001252	-.000409	-.000922	.004666	-.003784
#3	-.000488	.000580	-.000341	.000834	.000385	.003277	-.004699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000381	-.000038	-.006028	-.000086	-.000013	.0001266	.0069944
Stddev	.0000387	.000056	.003341	.000087	.000144	.0004105	.0023572
%RSD	101.4858	146.9210	55.42636	101.9345	1115.034	324.2657	33.70133

#1	.0000814	-.000031	-.007086	-.000138	-.000125	-.000133	.0067680
#2	.0000260	-.000097	-.002286	-.000135	-.000063	.000600	.0047585
#3	.0000070	.000014	-.008712	.000015	.000150	-.000087	.0094566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003615	.0045796	-.000206	.0017142	-.031581	-.000777	-.000936
Stddev	.0000734	.0058386	.000187	.0002173	.001240	.000483	.000166
%RSD	20.31534	127.4929	90.59724	12.67449	3.927836	62.12121	17.75495

#1	.0003987	.0113177	.000001	.0015909	-.032941	-.000657	-.001019
#2	.0004089	.0014065	-.000360	.0019650	-.030512	-.001308	-.001043
#3	.0002769	.0010146	-.000259	.0015866	-.031289	-.000365	-.000744

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005910	-.004970	-.000062	-.000424	.0005506	.0088837	-.005143
Stddev	.0193648	.000067	.000414	.000234	.0004725	.0078093	.001773
%RSD	3276.765	1.341463	667.7267	55.17461	85.81744	87.90576	34.47363

#1	-.014156	-.004929	-.000315	-.000566	.0001373	.0071974	-.003976
#2	.022521	-.004934	.000416	-.000154	.0010658	.0173984	-.004270
#3	-.006592	-.005047	-.000287	-.000552	.0004488	.0020553	-.007183

Sample Name: PB166095BL Acquired: 1/20/2025 14:20:13 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.004976	-.000366	-.000061
Stddev	.004757	.000302	.000049
%RSD	95.58721	82.44661	80.59416
#1	-.001556	-.000018	-.000106
#2	-.002965	-.000542	-.000069
#3	-.010408	-.000538	-.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.371	51757.93	9805.493	1807.634	4105.392
Stddev	7.844	54.13	24.150	11.149	7.173
%RSD	.2905705	.1045923	.2462859	.6167466	.1747244
#1	2690.564	51721.52	9787.240	1796.479	4098.367
#2	2701.946	51820.14	9796.361	1818.776	4105.105
#3	2705.604	51732.14	9832.876	1807.645	4112.705

Sample Name: CCV04 Acquired: 1/20/2025 14:38:31 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.898089	5.011331	4.803601	4.991123	5.085956	9.793941	9.337167
Stddev	.018510	.022157	.002244	.017366	.016648	.018395	.009611
%RSD	.3778940	.4421332	.0467215	.3479395	.3273417	.1878237	.1029293
#1	4.878832	4.993811	4.804455	4.974160	5.069574	9.815170	9.326117
#2	4.899688	5.003946	4.801056	4.990344	5.085436	9.782699	9.341807
#3	4.915748	5.036238	4.805294	5.008866	5.102859	9.783956	9.343577
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2379044	2.407979	23.64866	.9914161	2.415590	1.233227	4.696536
Stddev	.0009146	.001441	.05237	.0014026	.002524	.001760	.034231
%RSD	.3844508	.0598582	.2214381	.1414719	.1044790	.1427315	.7288508
#1	.2389593	2.408203	23.69079	.9925694	2.415850	1.232257	4.706747
#2	.2373338	2.409295	23.66516	.9918242	2.417974	1.232164	4.724499
#3	.2374200	2.406439	23.59003	.9898548	2.412947	1.235258	4.658361
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.288523	23.71230	2.404796	1.215822	23.87726	2.403848	2.471700
Stddev	.009815	.08045	.000775	.001464	.05422	.003412	.008769
%RSD	.4288943	.3392592	.0322372	.1203747	.2270599	.1419456	.3547903
#1	2.295315	23.80458	2.405608	1.216721	23.81757	2.405949	2.461820
#2	2.292984	23.65694	2.404064	1.216613	23.92344	2.399911	2.478560
#3	2.277269	23.67538	2.404715	1.214134	23.89078	2.405685	2.474719
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.99226	4.709632	5.137266	4.797407	4.692564	4.925381	4.809199
Stddev	.15500	.017763	.011844	.007852	.013633	.026663	.002499
%RSD	.6460622	.3771533	.2305431	.1636660	.2905263	.5413453	.0519561
#1	23.93263	4.728429	5.126245	4.802895	4.706749	4.898022	4.808269
#2	24.16822	4.693126	5.135764	4.788413	4.691383	4.951289	4.807298
#3	23.87592	4.707340	5.149789	4.800912	4.679560	4.926832	4.812029

Sample Name: CCV04 Acquired: 1/20/2025 14:38:31 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.677877	4.727173	4.758635
Stddev	.010280	.019235	.043210
%RSD	.2197492	.4069116	.9080305
#1	4.684464	4.743524	4.804605
#2	4.666032	4.732015	4.752447
#3	4.683134	4.705979	4.718852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.621	51561.67	9349.075	1763.399	3865.046
Stddev	1.401	41.67	45.476	1.644	6.259
%RSD	.0526662	.0808177	.4864253	.0932477	.1619366
#1	2658.177	51526.59	9298.750	1764.823	3858.286
#2	2660.974	51550.68	9387.223	1763.775	3866.215
#3	2659.711	51607.73	9361.253	1761.599	3870.639

Sample Name: CCB04 Acquired: 1/20/2025 14:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001505	-.000425	.0000007	-.000382	-.000171	.0003068	-.005059
Stddev	.001290	.001481	.0011166	.001909	.001023	.0063742	.001031
%RSD	85.72126	348.1497	167312.6	499.0267	600.0068	2077.768	20.38039
#1	-.000444	.000676	-.001031	-.000808	-.000461	-.001648	-.003945
#2	-.002941	-.002109	-.000153	-.002042	-.001017	.007429	-.005980
#3	-.001130	.000157	.001186	.001703	.000967	-.004861	-.005251
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000641	.0000095	-.004447	-.000235	-.000031	.0000587	.0023846
Stddev	.0000056	.0001089	.007737	.000364	.000062	.0000728	.0004620
%RSD	8.722606	1146.412	173.9845	154.5021	203.4021	123.8987	19.37590
#1	.0000665	.0000714	-.005988	-.000182	.000019	-.000024	.0022633
#2	.0000682	.0000733	.003945	-.000623	-.000010	.000111	.0028952
#3	.0000578	-.000116	-.011298	.000098	-.000101	.000090	.0019953
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004278	.0140609	-.000121	.0017054	-.035553	-.001000	-.000736
Stddev	.0002823	.0054678	.000180	.0003402	.007172	.000780	.000168
%RSD	65.97602	38.88637	148.1682	19.94834	20.17307	78.00179	22.83418
#1	.0006377	.0085205	-.000192	.0015425	-.042039	-.001895	-.000880
#2	.0005389	.0194530	.000083	.0014773	-.027850	-.000640	-.000775
#3	.0001069	.0142091	-.000255	.0020964	-.036771	-.000466	-.000551
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010797	.0051084	.0000498	-.000635	.0004680	.0013745	-.004006
Stddev	.016695	.0001679	.0002413	.000703	.0005634	.0028199	.001559
%RSD	154.6327	3.287460	484.4565	110.6245	120.3713	205.1556	38.91237
#1	-.024378	.0050617	-.000226	.000007	.0004274	.0003244	-.003553
#2	-.015855	.0052947	.000223	-.000527	.0010506	.0045687	-.005741
#3	.007843	.0049687	.000152	-.001386	-.000074	-.000770	-.002724

Sample Name: CCB04 Acquired: 1/20/2025 14:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.008043	-.000000	.0000580
Stddev	.003684	.000414	.0000266
%RSD	45.79985	115106.1	45.91692
#1	-.007317	.000453	.0000859
#2	-.012036	-.000096	.0000553
#3	-.004777	-.000359	.0000328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.414	52513.49	9862.295	1829.467	4174.566
Stddev	5.888	400.83	44.816	13.624	9.036
%RSD	.2154802	.7632895	.4544216	.7446962	.2164584
#1	2727.854	52143.74	9819.076	1818.574	4164.570
#2	2730.328	52939.46	9908.554	1844.743	4176.974
#3	2739.061	52457.26	9859.254	1825.085	4182.155

Sample Name: PB166095BS Acquired: 1/20/2025 14:47:23 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8108770	2.037023	.9691320	2.033374	.8164910	1.875433
Stddev	.0036985	.006520	.0025253	.004297	.0019644	.004935
%RSD	.4561142	.3200509	.2605761	.2113224	.2405935	.2631436
#1	.8149055	2.044482	.9663147	2.036786	.8161042	1.881046
#2	.8076350	2.032413	.9711920	2.028548	.8147487	1.873482
#3	.8100905	2.034173	.9698894	2.034788	.8186200	1.871772
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742834	.1902099	.1936974	.9636972	.4000108	.1944906
Stddev	.0006701	.0005753	.0004361	.0048979	.0013117	.0008078
%RSD	.3844833	.3024680	.2251499	.5082420	.3279239	.4153382
#1	.1748520	.1904940	.1934053	.9687957	.4011711	.1936436
#2	.1735446	.1895478	.1934884	.9590282	.3985875	.1945756
#3	.1744536	.1905880	.1941987	.9632675	.4002738	.1952525
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3081731	2.841741	.1839849	1.858536	.4884463	.0747134
Stddev	.0003874	.010947	.0006947	.010560	.0009942	.0007617
%RSD	.1257025	.3852293	.3775854	.5682103	.2035490	1.019557
#1	.3079370	2.846618	.1843330	1.869629	.4878632	.0749601
#2	.3079621	2.829203	.1831850	1.848604	.4878813	.0753212
#3	.3086202	2.849401	.1844367	1.857375	.4895942	.0738589
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.775859	.2801319	.2015690	9.305826	.2756817	.4133771
Stddev	.012312	.0034300	.0011525	.038537	.0002854	.0012183
%RSD	.4435338	1.224404	.5717788	.4141133	.1035074	.2947144
#1	2.764228	.2789752	.2028902	9.344762	.2760027	.4124991
#2	2.774593	.2774299	.2010467	9.305014	.2754567	.4128643
#3	2.788754	.2839907	.2007701	9.267701	.2755858	.4147680

Sample Name: PB166095BS Acquired: 1/20/2025 14:47:23 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.6749503	.1833634	F .6800832	5.824102	F -.015955	.1889942
Stddev	.0002410	.0003993	.0025542	.005942	.000924	.0014788
%RSD	.0357003	.2177933	.3755734	.1020283	5.789166	.7824738
#1	.6747577	.1838245	.6791042	5.826854	-.015000	.1877618
#2	.6752205	.1831379	.6781633	5.817283	-.016022	.1885869
#3	.6748728	.1831279	.6829821	5.828169	-.016843	.1906340

Elem	Sr4077
Units	ppm
Avg	.1813792
Stddev	.0003935
%RSD	.2169565
#1	.1817903
#2	.1810060
#3	.1813413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.217	52630.17	9631.319	1860.037	3983.560
Stddev	5.574	99.70	29.392	5.760	7.723
%RSD	.2083575	.1894443	.3051693	.3096706	.1938641
#1	2681.167	52559.96	9613.297	1860.034	3991.684
#2	2674.369	52744.30	9665.236	1865.798	3982.684
#3	2670.116	52586.26	9615.425	1854.278	3976.313

Sample Name: Q1113-01 Acquired: 1/20/2025 14:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0003174	-.002968	.0133079	-.001793	.0009614	.1731430
Stddev	.0015019	.001650	.0010099	.001085	.0014968	.0078238
%RSD	473.2152	55.59666	7.588637	60.52267	155.6863	4.518700
#1	.0009566	-.001067	.0133739	-.002990	.0026700	.1814631
#2	.0013939	-.003800	.0142832	-.000873	.0003324	.1659344
#3	-.001398	-.004036	.0122667	-.001517	-.000118	.1720316
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763374	.0000837	.0003602	149.5932	.0059221	.0022303
Stddev	.0011047	.0000285	.0001577	.4767	.0002890	.0001823
%RSD	.6264899	34.07770	43.79344	.3186783	4.880114	8.174203
#1	.1766742	.0000785	.0001895	149.8123	.0059698	.0020393
#2	.1772345	.0000581	.0005005	149.9209	.0061843	.0024025
#3	.1751034	.0001145	.0003906	149.0463	.0056122	.0022489
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160926	1.100063	.4648385	60.41164	.0417341	.0015296
Stddev	.0006100	.010977	.0013300	.30535	.0003020	.0000646
%RSD	3.790294	.9978801	.2861172	.5054563	.7236091	4.221626
#1	.0167851	1.102652	.4663644	60.53493	.0413855	.0015628
#2	.0156348	1.088023	.4642256	60.63607	.0419162	.0014551
#3	.0158581	1.109515	.4639254	60.06392	.0419006	.0015707
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	557.2975	.0027255	.3575871	34.88380	.3550611	.0044844
Stddev	10.1681	.0004826	.0016410	.25609	.0029534	.0001510
%RSD	1.824543	17.70508	.4588940	.7341152	.8318062	3.366999
#1	546.2252	.0032796	.3580211	34.72656	.3559270	.0044634
#2	566.2166	.0024994	.3557728	34.74553	.3574847	.0043449
#3	559.4507	.0023975	.3589675	35.17930	.3517715	.0046447

Sample Name: Q1113-01 Acquired: 1/20/2025 14:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001830	.0028437	F 15.48206	F 11.89770	F 161.0533	-.007710
Stddev	.001168	.0007584	.07804	.01049	.4434	.000510
%RSD	63.82332	26.66890	.5040845	.0881818	.2753132	6.613463
#1	-.003167	.0032611	15.43790	11.90165	160.6107	-.007123
#2	-.001010	.0033018	15.43611	11.90564	161.0516	-.007968
#3	-.001312	.0019683	15.57217	11.88580	161.4975	-.008040

Elem	Sr4077
Units	ppm
Avg	.8959341
Stddev	.0017594
%RSD	.1963759
#1	.8964614
#2	.8973695
#3	.8939713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.533	47629.91	9586.548	1690.201	3380.104
Stddev	10.132	29.36	76.536	6.485	4.032
%RSD	.4139873	.0616513	.7983672	.3836631	.1192948
#1	2457.471	47616.75	9543.690	1691.173	3384.733
#2	2447.911	47663.55	9541.042	1696.145	3377.355
#3	2437.217	47609.43	9674.910	1683.285	3378.225

Sample Name: Q1113-01DUP Acquired: 1/20/2025 14:55:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0024425	-.000675	.0134820	-.001632	.0016515	.1739816
Stddev	.0010345	.002046	.0013907	.001646	.0016726	.0062419
%RSD	42.35582	303.2229	10.31544	100.8669	101.2780	3.587708
#1	.0031290	-.002471	.0120041	.000267	.0035341	.1712950
#2	.0012526	.001552	.0136770	-.002517	.0003366	.1811170
#3	.0029459	-.001105	.0147649	-.002646	.0010839	.1695327
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763269	.0001276	.0002399	149.5555	.0061356	.0024498
Stddev	.0006360	.0000177	.0001013	.4764	.0002818	.0001388
%RSD	.3606689	13.85239	42.22297	.3185203	4.593690	5.665971
#1	.1764414	.0001274	.0001588	150.0910	.0064453	.0023407
#2	.1756414	.0001454	.0002074	149.1788	.0058941	.0024027
#3	.1768978	.0001100	.0003534	149.3968	.0060674	.0026060
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161562	1.106642	.4628931	60.28102	.0419981	.0015201
Stddev	.0003457	.011580	.0007593	.23585	.0002805	.0000804
%RSD	2.139585	1.046419	.1640346	.3912430	.6679810	5.292228
#1	.0157801	1.119394	.4630682	60.52631	.0417571	.0015722
#2	.0164601	1.103747	.4620615	60.26083	.0423060	.0014274
#3	.0162283	1.096783	.4635496	60.05592	.0419310	.0015606
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	575.3051	.0038844	.3621986	35.82723	.3479126	.0043563
Stddev	1.0085	.0016502	.0006583	.11561	.0006920	.0003304
%RSD	.1753039	42.48398	.1817548	.3226927	.1988990	7.585095
#1	576.3812	.0054111	.3627563	35.90153	.3487000	.0045074
#2	575.1526	.0041085	.3614724	35.88614	.3474012	.0045842
#3	574.3814	.0021335	.3623672	35.69403	.3476366	.0039773

Sample Name: Q1113-01DUP Acquired: 1/20/2025 14:55:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.002387	.0031590	F 15.93095	F 11.82554	F 162.3581	-.007345
Stddev	.000797	.0007656	.05889	.00889	.2833	.000408
%RSD	33.39580	24.23453	.3696416	.0751402	.1745112	5.554512
#1	-.003230	.0028367	15.99457	11.83449	162.2310	-.007153
#2	-.001645	.0026072	15.91995	11.81672	162.1606	-.007069
#3	-.002286	.0040330	15.87834	11.82540	162.6828	-.007814

Elem	Sr4077
Units	ppm
Avg	.9015824
Stddev	.0027045
%RSD	.2999759
#1	.9043235
#2	.8989160
#3	.9015076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.826	47289.62	9755.231	1653.051	3359.286
Stddev	5.156	108.83	15.675	7.851	4.756
%RSD	.2127216	.2301384	.1606881	.4749618	.1415922
#1	2429.725	47181.02	9743.169	1646.820	3363.745
#2	2421.574	47289.15	9772.950	1661.870	3359.835
#3	2420.179	47398.68	9749.575	1650.464	3354.279

Sample Name: Q1113-01LX5 Acquired: 1/20/2025 15:00:04 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000068	-.002058	.0015206	.0002406	-.000835	.0383963
Stddev	.001175	.002148	.0004218	.0022155	.001041	.0044518
%RSD	1733.686	104.4005	27.73889	920.6234	124.6773	11.59444
#1	-.001416	-.001607	.0014726	.0010943	-.000482	.0361884
#2	.000472	-.004395	.0011248	.0019024	-.000016	.0435205
#3	.000741	-.000170	.0019643	-.002275	-.002007	.0354799
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329313	.0000332	.0001261	31.27408	.0010550	.0005339
Stddev	.0010446	.0000291	.0001131	.13438	.0002632	.0001127
%RSD	3.172079	87.70291	89.66323	.4296952	24.94526	21.10946
#1	.0341368	.0000092	.0002327	31.42613	.0008083	.0004625
#2	.0323640	.0000655	.0001379	31.22488	.0013320	.0004753
#3	.0322931	.0000248	.0000076	31.17124	.0010247	.0006638
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034214	.2284826	.0984229	12.65530	.0084946	.0013053
Stddev	.0004089	.0010667	.0009501	.04689	.0002029	.0001922
%RSD	11.95143	.4668488	.9652792	.3705177	2.388114	14.72631
#1	.0030209	.2292075	.0995059	12.70646	.0085831	.0013114
#2	.0034050	.2272577	.0977298	12.64506	.0086382	.0011100
#3	.0038382	.2289824	.0980330	12.61437	.0082626	.0014943
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.6341	.0003206	.0702767	6.800971	.0706164	.0008252
Stddev	.7283	.0014867	.0014722	.045456	.0001672	.0002041
%RSD	.6244032	463.7405	2.094865	.6683762	.2367577	24.73236
#1	116.2043	-.000904	.0693166	6.788816	.0708050	.0008171
#2	117.4750	-.000109	.0719717	6.851269	.0705577	.0010332
#3	116.2231	.001975	.0695418	6.762829	.0704865	.0006252

Sample Name: Q1113-01LX5 Acquired: 1/20/2025 15:00:04 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001745	.0013374	3.155043	2.248210	F 30.67502	-.000428
Stddev	.000715	.0003932	.025591	.009908	.04029	.001166
%RSD	40.95812	29.40060	.8111067	.4407058	.1313409	272.5698
#1	-.001109	.0017696	3.133279	2.237175	30.68908	.000736
#2	-.001607	.0012418	3.183235	2.256344	30.70640	-.000424
#3	-.002519	.0010008	3.148614	2.251110	30.62959	-.001595

Elem	Sr4077
Units	ppm
Avg	.1838528
Stddev	.0006906
%RSD	.3756313
#1	.1846439
#2	.1835439
#3	.1833705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.088	50205.49	10020.32	1736.944	3766.004
Stddev	3.095	364.87	26.14	15.406	3.243
%RSD	.1189939	.7267556	.2608675	.8869328	.0861027
#1	2598.272	50458.66	9993.62	1748.324	3765.913
#2	2600.589	49787.25	10021.49	1719.413	3762.809
#3	2604.402	50370.55	10045.86	1743.094	3769.292

Sample Name: Q1113-01MS Acquired: 1/20/2025 15:04:20 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.9774978	2.156173	1.071847	2.389141	.9451904	2.259446
Stddev	.0045644	.016798	.002201	.007585	.0063960	.005396
%RSD	.4669457	.7790759	.2053852	.3174643	.6766854	.2388053
#1	.9724350	2.170057	1.071611	2.382677	.9386614	2.265675
#2	.9812979	2.160962	1.069773	2.387254	.9454653	2.256447
#3	.9787605	2.137501	1.074157	2.397491	.9514445	2.256216
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3690292	.1975629	.2173236	147.0663	.4305929	.2208283
Stddev	.0013915	.0006778	.0005241	.4144	.0006821	.0006052
%RSD	.3770633	.3430809	.2411426	.2817904	.1584092	.2740550
#1	.3704893	.1973171	.2167262	147.4431	.4312660	.2201498
#2	.3677184	.1970422	.2175385	147.1334	.4306106	.2213124
#3	.3688798	.1983293	.2177060	146.6225	.4299021	.2210228
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3395800	4.280650	.6418126	61.01252	.5798671	.0861264
Stddev	.0011725	.028018	.0030466	.23334	.0022349	.0003068
%RSD	.3452724	.6545338	.4746924	.3824397	.3854133	.3561852
#1	.3383978	4.304570	.6444578	61.25882	.5777819	.0857791
#2	.3395995	4.287554	.6424986	60.98394	.5795931	.0863606
#3	.3407425	4.249825	.6384815	60.79478	.5822264	.0862394
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	572.5391	.3106252	.5745763	46.93220	.5958539	.4644229
Stddev	2.2720	.0002763	.0021699	.15378	.0031202	.0014730
%RSD	.3968317	.0889544	.3776486	.3276550	.5236579	.3171629
#1	571.2076	.3108559	.5720718	47.09490	.5929315	.4631346
#2	571.2472	.3107007	.5757638	46.91243	.5954900	.4641053
#3	575.1625	.3103190	.5758932	46.78926	.5991401	.4660288

Sample Name: Q1113-01MS Acquired: 1/20/2025 15:04:20 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7118544	.1924033	F 16.60456	F 18.02127	F 155.7141	.2092558
Stddev	.0012191	.0006985	.05889	.03010	.1958	.0012769
%RSD	.1712538	.3630265	.3546905	.1670225	.1257423	.6102014
#1	.7111000	.1925720	16.67226	17.98661	155.4899	.2097802
#2	.7112024	.1930020	16.57629	18.04088	155.8012	.2101871
#3	.7132608	.1916359	16.56513	18.03631	155.8513	.2078003

Elem	Sr4077
Units	ppm
Avg	1.087875
Stddev	.007482
%RSD	.6877571
#1	1.081998
#2	1.085330
#3	1.096298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2410.500	47987.95	9869.344	1638.329	3343.291
Stddev	9.092	56.43	8.976	2.613	12.694
%RSD	.3771870	.1175928	.0909523	.1594849	.3796912
#1	2419.792	47929.21	9871.785	1640.994	3356.028
#2	2410.084	48041.75	9876.848	1638.219	3343.207
#3	2401.622	47992.88	9859.400	1635.772	3330.640

Sample Name: Q1113-01MSD Acquired: 1/20/2025 15:08:34 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.9524784	2.117801	1.062110	2.330097	.9255710	2.224442
Stddev	.0034713	.013617	.003597	.002879	.0016511	.006725
%RSD	.3644519	.6429984	.3386451	.1235547	.1783882	.3023186
#1	.9491953	2.127511	1.059587	2.332308	.9253790	2.231107
#2	.9561115	2.102235	1.060515	2.331141	.9273098	2.224562
#3	.9521284	2.123657	1.066229	2.326841	.9240244	2.217658
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3708662	.1981227	.2144210	146.4973	.4271545	.2187109
Stddev	.0013596	.0008531	.0000790	.3984	.0013753	.0001535
%RSD	.3666079	.4305804	.0368475	.2719449	.3219696	.0701933
#1	.3694063	.1981643	.2143481	146.1386	.4277660	.2188308
#2	.3720962	.1972495	.2144100	146.4271	.4255795	.2185379
#3	.3710961	.1989541	.2145049	146.9261	.4281180	.2187640
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3357240	4.265770	.6422111	60.64145	.5739182	.0849692
Stddev	.0005884	.023303	.0033442	.22463	.0008152	.0004377
%RSD	.1752760	.5462712	.5207280	.3704246	.1420354	.5150805
#1	.3354320	4.246092	.6383967	60.50212	.5741223	.0846980
#2	.3364013	4.291502	.6435976	60.52163	.5746119	.0854741
#3	.3353387	4.259716	.6446391	60.90058	.5730203	.0847356
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	563.4694	.3083057	.5703969	46.67911	.5993475	.4597999
Stddev	4.8536	.0039606	.0045998	.24970	.0040757	.0006970
%RSD	.8613775	1.284625	.8064274	.5349251	.6800274	.1515900
#1	557.8722	.3037384	.5730061	46.56052	.5983739	.4605453
#2	566.0216	.3103882	.5650857	46.96601	.5958467	.4591644
#3	566.5145	.3107907	.5730989	46.51081	.6038218	.4596900

Sample Name: Q1113-01MSD Acquired: 1/20/2025 15:08:34 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7039717	.1912471	F 16.39974	F 17.76226	F 151.8957	.2093473
Stddev	.0011935	.0007195	.03150	.01324	.0362	.0017728
%RSD	.1695402	.3762301	.1920609	.0745507	.0238282	.8468059
#1	.7050119	.1904253	16.37222	17.77753	151.9299	.2073105
#2	.7026687	.1917643	16.43409	17.75393	151.8578	.2105429
#3	.7042346	.1915515	16.39291	17.75533	151.8993	.2101883

Elem	Sr4077
Units	ppm
Avg	1.075452
Stddev	.017286
%RSD	1.607358
#1	1.078453
#2	1.056862
#3	1.091041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.988	48153.62	9865.953	1667.053	3401.522
Stddev	3.314	91.74	42.739	6.360	1.416
%RSD	.1349798	.1905246	.4331979	.3814938	.0416265
#1	2452.526	48070.94	9874.004	1661.427	3399.888
#2	2453.681	48252.32	9904.094	1673.953	3402.307
#3	2458.756	48137.61	9819.761	1665.780	3402.372

Sample Name: Q1113-01A Acquired: 1/20/2025 15:12:45 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.9513711	2.122291	1.063626	2.330511	.9246077	2.205495
Stddev	.0060128	.003136	.003823	.020140	.0039131	.047617
%RSD	.6320181	.1477791	.3594078	.8641901	.4232198	2.159036
#1	.9453049	2.118674	1.062799	2.317449	.9220195	2.196619
#2	.9514792	2.124254	1.060284	2.320379	.9226943	2.162940
#3	.9573291	2.123944	1.067795	2.353705	.9291094	2.256926
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713464	.2011608	.2144914	146.2499	.4226248	.2184072
Stddev	.0054512	.0021055	.0002222	1.9342	.0022877	.0007240
%RSD	1.467960	1.046697	.1035778	1.322558	.5413142	.3315034
#1	.3687637	.1992726	.2144600	145.5920	.4212630	.2180093
#2	.3676666	.2007783	.2142866	144.7304	.4252660	.2179694
#3	.3776090	.2034313	.2147276	148.4273	.4213453	.2192429
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3358928	4.188011	.6448700	60.20984	.5740846	.0850768
Stddev	.0017886	.020639	.0102887	.81411	.0020446	.0006807
%RSD	.5324890	.4928035	1.595465	1.352120	.3561547	.8001325
#1	.3340323	4.165089	.6394571	60.03385	.5732691	.0854058
#2	.3360464	4.193823	.6384178	59.49812	.5725735	.0855305
#3	.3375996	4.205120	.6567352	61.09755	.5764111	.0842941
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	547.6308	.3064296	.5682350	45.79842	.6116322	.4582813
Stddev	3.5190	.0044434	.0011493	.14094	.0076102	.0020694
%RSD	.6425877	1.450044	.2022549	.3077352	1.244245	.4515562
#1	547.7993	.3044222	.5695032	45.95602	.6061590	.4567445
#2	551.0625	.3033441	.5672623	45.68447	.6084150	.4574651
#3	544.0305	.3115224	.5679395	45.75479	.6203227	.4606344

Sample Name: Q1113-01A Acquired: 1/20/2025 15:12:45 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7055392	.1909638	F 15.90000	F 18.05344	F 152.9689	.2082230
Stddev	.0002541	.0027291	.05908	.05744	.3710	.0030192
%RSD	.0360088	1.429105	.3715484	.3181930	.2425208	1.449988
#1	.7058324	.1895072	15.95281	18.02640	152.6909	.2074028
#2	.7053836	.1892720	15.83620	18.01450	152.8257	.2056987
#3	.7054016	.1941121	15.91098	18.11941	153.3902	.2115676

Elem	Sr4077
Units	ppm
Avg	1.073723
Stddev	.007453
%RSD	.6940931
#1	1.079752
#2	1.065390
#3	1.076026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.330	48628.32	9721.523	1706.687	3390.670
Stddev	10.049	138.40	123.072	2.562	9.009
%RSD	.4096041	.2846012	1.265977	.1501274	.2656951
#1	2459.117	48629.22	9818.701	1705.975	3393.631
#2	2459.146	48489.48	9762.735	1704.555	3397.826
#3	2441.726	48766.27	9583.134	1709.529	3380.554

Sample Name: Q1113-03 Acquired: 1/20/2025 15:16:55 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0016113	-.002455	.0367956	-.003306	-.001958	.3109261
Stddev	.0016898	.001734	.0003936	.004420	.001606	.0143971
%RSD	104.8683	70.64307	1.069765	133.7014	82.05287	4.630411
#1	.0009124	-.000794	.0364665	-.007622	-.001079	.3244421
#2	.0003832	-.004254	.0372316	-.003506	-.000983	.3125506
#3	.0035384	-.002317	.0366887	.001211	-.003812	.2957856
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4553511	.0000110	.0004852	286.2195	.0101338	.0040350
Stddev	.0028194	.0000124	.0000955	1.7591	.0001190	.0002283
%RSD	.6191626	112.5276	19.68717	.6145830	1.174471	5.659079
#1	.4581114	-.000003	.0004542	286.7914	.0100464	.0042292
#2	.4554658	.000021	.0004090	287.6215	.0100856	.0040924
#3	.4524761	.000015	.0005924	284.2457	.0102694	.0037834
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0775873	1.980032	.8432391	112.2389	.0597998	.0013473
Stddev	.0002928	.014783	.0036510	.3960	.0002323	.0005393
%RSD	.3774039	.7466257	.4329702	.3528430	.3884997	40.02482
#1	.0774749	1.991360	.8471897	112.4286	.0600450	.0019124
#2	.0773674	1.985428	.8425382	112.5043	.0595829	.0008383
#3	.0779197	1.963309	.8399894	111.7836	.0597715	.0012912
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1070.517	.0035716	.8796233	67.98789	.6024755	.0094605
Stddev	5.866	.0023931	.0017783	.39071	.0036990	.0001498
%RSD	.5480026	67.00296	.2021683	.5746793	.6139735	1.583206
#1	1067.614	.0008878	.8799408	68.43207	.6037672	.0094846
#2	1066.669	.0043438	.8812215	67.69736	.6053554	.0093002
#3	1077.269	.0054833	.8777076	67.83423	.5983038	.0095968

Sample Name: Q1113-03 Acquired: 1/20/2025 15:16:55 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	1.025926	-.001260	F 33.28994	F 15.24520	F 398.0816	-.012765
Stddev	.004190	.000455	.08852	.04460	1.2529	.001017
%RSD	.4083764	36.13988	.2659078	.2925660	.3147309	7.964874
#1	1.021393	-.000837	33.39205	15.26446	397.4948	-.013939
#2	1.026731	-.001742	33.24291	15.19421	397.2299	-.012185
#3	1.029655	-.001201	33.23486	15.27694	399.5202	-.012171

Elem	Sr4077
Units	ppm
Avg	1.731662
Stddev	.018241
%RSD	1.053379
#1	1.718373
#2	1.752459
#3	1.724153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.752	45852.35	9914.167	1567.659	3229.386
Stddev	8.505	79.35	30.193	1.434	5.468
%RSD	.3610299	.1730461	.3045466	.0915013	.1693186
#1	2363.783	45760.89	9911.413	1567.168	3235.634
#2	2356.631	45902.70	9885.446	1569.275	3225.471
#3	2346.841	45893.46	9945.644	1566.535	3227.054

Sample Name: Q1113-05 Acquired: 1/20/2025 15:21:28 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0015008	-.001036	.0120176	-.003699	.0010716	.0510810
Stddev	.0014955	.001934	.0002105	.001984	.0013294	.0086897
%RSD	99.64954	186.7468	1.751378	53.62963	124.0612	17.01166
#1	.0015081	.000496	.0122583	-.001465	.0024809	.0593803
#2	.0029926	-.003209	.0118677	-.005255	-.000160	.0518152
#3	.0000016	-.000393	.0119270	-.004377	.000894	.0420474
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591626	.0000488	.0002208	140.7851	.0054855	.0016680
Stddev	.0003708	.0000195	.0000881	.0856	.0004758	.0001669
%RSD	.2329672	39.93585	39.91914	.0608169	8.674164	10.00866
#1	.1589727	.0000408	.0001204	140.8600	.0052909	.0014800
#2	.1589252	.0000710	.0002564	140.8035	.0051379	.0017254
#3	.1595899	.0000345	.0002856	140.6918	.0060279	.0017987
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082687	.5650932	.3672377	56.44976	.0340051	.0015078
Stddev	.0003986	.0049173	.0005845	.03736	.0005872	.0000867
%RSD	4.819996	.8701826	.1591484	.0661778	1.726859	5.752461
#1	.0082675	.5610254	.3676790	56.40790	.0333556	.0014384
#2	.0086679	.5705579	.3674592	56.46168	.0341612	.0014800
#3	.0078708	.5636963	.3665749	56.47971	.0344985	.0016051
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	556.8812	.0024341	.3056662	34.53336	.3099143	.0041071
Stddev	1.8449	.0012908	.0014052	.16516	.0017433	.0002117
%RSD	.3312969	53.02877	.4597052	.4782482	.5625001	5.155234
#1	558.8907	.0030370	.3043238	34.68645	.3079539	.0040098
#2	556.4890	.0009522	.3055481	34.55530	.3104988	.0043500
#3	555.2639	.0033131	.3071267	34.35833	.3112902	.0039614

Sample Name: Q1113-05 Acquired: 1/20/2025 15:21:28 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001379	-.001504	F 15.80550	F 10.48439	F 148.9202	-.007447
Stddev	.000998	.000359	.06373	.06823	1.0785	.000397
%RSD	72.35218	23.87556	.4031829	.6507312	.7241846	5.331546
#1	-.000402	-.001675	15.87877	10.40967	147.7805	-.007246
#2	-.002396	-.001092	15.77472	10.50014	149.0557	-.007191
#3	-.001340	-.001746	15.76300	10.54336	149.9246	-.007904

Elem	Sr4077
Units	ppm
Avg	.8513095
Stddev	.0014662
%RSD	.1722304
#1	.8512166
#2	.8528199
#3	.8498919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.171	47917.41	10142.09	1646.729	3424.093
Stddev	17.557	28.19	32.20	4.717	21.194
%RSD	.7156750	.0588242	.3174706	.2864761	.6189596
#1	2473.393	47906.89	10175.38	1652.068	3447.922
#2	2444.306	47896.00	10139.76	1644.999	3417.007
#3	2441.814	47949.34	10111.11	1643.121	3407.351

Sample Name: PB166102BL Acquired: 1/20/2025 15:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000875	-.000927	.0004619	.0005198	-.000251	.0079963
Stddev	.001966	.001320	.0005849	.0004666	.001443	.0039279
%RSD	224.7553	142.4716	126.6453	89.77137	574.6622	49.12197
#1	-.002827	.000503	.0004862	.0010075	-.001345	.0053931
#2	.001104	-.001182	-.000135	.0000777	.001385	.0125144
#3	-.000900	-.002100	.001034	.0004742	-.000793	.0060813
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008292	.0000930	-.000055	-.005650	-.000159	.0000509
Stddev	.000211	.0000325	.000058	.003228	.000158	.0002401
%RSD	2.541857	34.94282	105.1839	57.12890	99.49531	471.9978
#1	-.008112	.0001255	-.000122	-.004201	-.000094	.0000183
#2	-.008240	.0000930	-.000022	-.009348	-.000044	-.000171
#3	-.008524	.0000605	-.000021	-.003400	-.000339	.000306
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000620	.0035208	.0001054	.0086135	-.000138	.0015824
Stddev	.0003718	.0006145	.0001394	.0136707	.000138	.0001983
%RSD	600.0814	17.45427	132.2911	158.7130	100.1132	12.53153
#1	-.000365	.0039382	.0002095	-.004943	-.000077	.0014911
#2	.000317	.0028151	-.000053	.008388	-.000297	.0018099
#3	.000233	.0038090	.000160	.022396	-.000041	.0014461
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3142383	-.001295	-.000800	.1847413	-.004265	-.000103
Stddev	.0020123	.000329	.000071	.0654307	.000892	.000244
%RSD	.6403650	25.36035	8.910450	35.41748	20.90503	237.1822
#1	.3124773	-.001285	-.000737	.1464324	-.003636	-.000314
#2	.3138062	-.001629	-.000878	.1474998	-.005285	-.000159
#3	.3164316	-.000972	-.000787	.2602916	-.003873	.000164

Sample Name: PB166102BL Acquired: 1/20/2025 15:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000637	-.000042	.0056022	-.003882	F .0174800	.0042319
Stddev	.000177	.000282	.0052546	.000393	.0020118	.0009647
%RSD	27.73714	669.6453	93.79488	10.13263	11.50922	22.79582
#1	-.000680	-.000320	.0082514	-.004278	.0195013	.0031711
#2	-.000788	-.000050	.0090049	-.003877	.0174609	.0044680
#3	-.000443	.000244	-.000450	-.003491	.0154778	.0050567

Elem	Sr4077
Units	ppm
Avg	-.000010
Stddev	.000012
%RSD	114.8072
#1	-.000003
#2	-.000024
#3	-.000004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.442	53312.56	10336.51	1838.676	4254.490
Stddev	5.225	82.07	21.56	4.708	3.551
%RSD	.1886633	.1539353	.2085395	.2560326	.0834628
#1	2771.036	53397.24	10355.98	1838.415	4258.567
#2	2773.684	53307.07	10313.35	1834.104	4252.828
#3	2763.605	53233.39	10340.21	1843.509	4252.074

Sample Name: CCV05 Acquired: 1/20/2025 15:37:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.975021	5.064328	4.819361	5.083091	5.137306	9.759268	9.406530
Stddev	.043176	.034902	.025795	.042026	.040800	.166046	.136754
%RSD	.8678531	.6891757	.5352414	.8267886	.7941894	1.701420	1.453815
#1	4.955374	5.050502	4.803472	5.065923	5.111764	9.653930	9.379886
#2	4.945163	5.038457	4.805488	5.052366	5.115795	9.950678	9.554645
#3	5.024527	5.104025	4.849124	5.130983	5.184361	9.673195	9.285059
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2374558	2.416180	23.67859	.9874132	2.421908	1.244641	4.805532
Stddev	.0040238	.015878	.41455	.0132003	.015527	.009154	.039583
%RSD	1.694560	.6571354	1.750740	1.336853	.6411084	.7354741	.8236906
#1	.2368440	2.406293	23.44802	1.002584	2.412278	1.238660	4.848790
#2	.2417505	2.407752	24.15717	.981103	2.413626	1.240084	4.771122
#3	.2337730	2.434494	23.43058	.978553	2.439820	1.255179	4.796685
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.316495	23.45030	2.415005	1.228122	24.28710	2.416809	2.491768
Stddev	.040608	.46209	.014505	.014289	.21694	.039054	.034357
%RSD	1.753008	1.970520	.6006304	1.163491	.8932475	1.615931	1.378824
#1	2.298782	23.28498	2.406357	1.244621	24.50121	2.394002	2.531419
#2	2.362951	23.97231	2.406906	1.219726	24.06743	2.461904	2.473073
#3	2.287752	23.09361	2.431751	1.220019	24.29266	2.394521	2.470813
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58278	4.707871	5.121139	4.808947	4.737303	4.963884	4.949916
Stddev	.14008	.084605	.040552	.029092	.075982	.028159	.024637
%RSD	.5698481	1.797106	.7918515	.6049497	1.603916	.5672708	.4977279
#1	24.72953	4.691065	5.103253	4.794962	4.695123	4.992646	4.935713
#2	24.45049	4.799617	5.092605	4.789489	4.825019	4.936371	4.935670
#3	24.56833	4.632929	5.167559	4.842390	4.691768	4.962634	4.978364

Sample Name: CCV05 Acquired: 1/20/2025 15:37:40 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.830694	4.798924	4.810353
Stddev	.029898	.076530	.087736
%RSD	.6189086	1.594723	1.823906
#1	4.804930	4.748501	4.828643
#2	4.823677	4.886983	4.887502
#3	4.863477	4.761287	4.714913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.819	51684.59	9499.989	1789.258	3828.986
Stddev	17.226	551.13	172.217	22.737	20.462
%RSD	.6503091	1.066341	1.812815	1.270771	.5343903
#1	2655.302	51049.04	9558.988	1763.004	3838.507
#2	2661.863	51973.93	9306.027	1802.570	3842.952
#3	2629.293	52030.79	9634.953	1802.201	3805.498

Sample Name: CCB05 Acquired: 1/20/2025 15:41:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0000159	-.001729	-.000293	-.002252	-.000215	.0007351	-.007250
Stddev	.0023646	.001514	.000460	.001693	.000552	.0064508	.000235
%RSD	14911.91	87.51964	157.0137	75.19219	256.6754	877.4981	3.239892

#1	-.000831	-.003339	-.000624	-.004198	-.000116	.0068252	-.007511
#2	-.001809	-.000334	.000232	-.001439	.000281	-.006024	-.007055
#3	.002687	-.001516	-.000487	-.001118	-.000810	.001405	-.007184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000523	.0000897	.0021317	-.000253	.0000939	-.000255	.0005531
Stddev	.0000546	.0000314	.0047963	.000506	.0000916	.000238	.0038320
%RSD	104.4675	34.97263	224.9988	199.6061	97.47774	93.35110	692.7953

#1	.0000332	.0000594	.0020800	.000329	-.000012	.000007	.0020762
#2	.0000098	.0001220	-.002639	-.000507	.000141	-.000458	-.003806
#3	.0001139	.0000877	.006954	-.000583	.000152	-.000315	.003389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001878	.0046570	.0000354	.0019093	.0542432	-.000374	-.000748
Stddev	.0002901	.0088574	.0001314	.0003105	.0126556	.000885	.000106
%RSD	154.4917	190.1965	371.5203	16.26140	23.33120	237.0340	14.23084

#1	.0002181	.0131923	.0001857	.0015637	.0416732	-.000270	-.000645
#2	.0004616	.0052692	-.000057	.0021646	.0540738	.000455	-.000741
#3	-.000116	-.004491	-.000023	.0019996	.0669827	-.001306	-.000857

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992326	.0025961	.0001673	-.000340	.0001030	.0064368	-.004497
Stddev	.0118808	.0001177	.0001564	.000814	.0005797	.0029714	.000456
%RSD	11.97268	4.532550	93.45350	239.5258	562.7874	46.16286	10.13663

#1	.0936146	.0026014	.0002747	-.000653	.0007722	.0030735	-.005013
#2	.0912026	.0024759	.0002394	.000584	-.000218	.0075308	-.004328
#3	.1128805	.0027110	-.000012	-.000950	-.000245	.0087061	-.004149

Sample Name: CCB05 Acquired: 1/20/2025 15:41:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001609	-.000473	.0000296
Stddev	.001687	.001296	.0000463
%RSD	104.8490	273.9434	156.4334
#1	-.001954	-.000674	.0000825
#2	.000224	.000911	-.000003
#3	-.003096	-.001657	.000010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.481	53842.91	10150.19	1862.897	4155.668
Stddev	7.275	156.26	91.67	8.873	9.633
%RSD	.2665365	.2902213	.9031392	.4762888	.2318097
#1	2735.004	54008.54	10053.26	1872.906	4165.468
#2	2732.200	53698.11	10161.82	1859.784	4155.327
#3	2721.237	53822.09	10235.49	1855.999	4146.210

Sample Name: PB166102BS Acquired: 1/20/2025 15:46:12 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7923682	2.005908	.9404855	1.988360	.8004359	1.847776
Stddev	.0014335	.018586	.0005471	.008162	.0056242	.003054
%RSD	.1809128	.9265387	.0581767	.4104946	.7026447	.1652965
#1	.7908899	1.984835	.9403337	1.980691	.7957616	1.848040
#2	.7937522	2.012929	.9400302	1.987449	.7988684	1.850691
#3	.7924624	2.019960	.9410925	1.996939	.8066775	1.844599
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1682527	.1823096	.1876392	.9338819	.3919347	.1890431
Stddev	.0005293	.0003999	.0005029	.0019218	.0010237	.0004111
%RSD	.3145705	.2193554	.2679885	.2057815	.2611829	.2174633
#1	.1688275	.1826557	.1871377	.9360745	.3928828	.1889260
#2	.1681448	.1818718	.1876366	.9330814	.3908493	.1887033
#3	.1677856	.1824013	.1881433	.9324898	.3920719	.1895001
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3008408	2.812735	.1787109	1.805490	.4733479	.0729251
Stddev	.0006531	.013208	.0004620	.006378	.0013530	.0006392
%RSD	.2170816	.4695922	.2585164	.3532456	.2858395	.8764596
#1	.3001111	2.827849	.1782955	1.811938	.4723325	.0723896
#2	.3010410	2.806952	.1786289	1.799185	.4728273	.0736327
#3	.3013703	2.803405	.1792085	1.805348	.4748839	.0727530
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.845439	.2723888	.1984422	9.444959	.2619565	.4077220
Stddev	.025098	.0026019	.0006333	.032522	.0013046	.0015832
%RSD	.8820320	.9552132	.3191155	.3443318	.4980343	.3882932
#1	2.841557	.2695235	.1979078	9.466204	.2609502	.4063166
#2	2.872252	.2746041	.1982772	9.461153	.2614888	.4074123
#3	2.822509	.2730387	.1991417	9.407519	.2634306	.4094371

Sample Name: PB166102BS Acquired: 1/20/2025 15:46:12 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.6495019	.1801694	F .6772685	5.472941	F -.014244	.1860558
Stddev	.0009131	.0003439	.0099891	.011377	.001215	.0005382
%RSD	.1405906	.1908652	1.474906	.2078772	8.532236	.2892696
#1	.6486700	.1805422	.6773417	5.459861	-.014578	.1866044
#2	.6493567	.1801013	.6872207	5.478422	-.012897	.1855286
#3	.6504789	.1798646	.6672430	5.480540	-.015258	.1860343

Elem	Sr4077
Units	ppm
Avg	.1778947
Stddev	.0002673
%RSD	.1502477
#1	.1781998
#2	.1777823
#3	.1777020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.325	53059.29	9921.852	1831.207	4108.836
Stddev	5.322	122.69	19.910	3.655	9.231
%RSD	.1952799	.2312249	.2006633	.1995818	.2246528
#1	2728.459	52968.69	9899.128	1830.037	4114.305
#2	2728.336	53010.28	9936.230	1828.280	4114.025
#3	2719.180	53198.91	9930.198	1835.303	4098.179

Sample Name: Q1061-01 Acquired: 1/20/2025 15:50:12 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0051762	.0020260	.0104978	-.004995	-.000985	8.111655
Stddev	.0028252	.0018540	.0011212	.000593	.000464	.017205
%RSD	54.58107	91.50692	10.68055	11.87532	47.10544	.2121043
#1	.0022472	-.000111	.0104258	-.004508	-.000759	8.093824
#2	.0053967	.002992	.0094143	-.005656	-.001519	8.112984
#3	.0078847	.003198	.0116533	-.004822	-.000677	8.128157
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3015632	-.000938	-.000386	80.27280	.0411412	.0175265
Stddev	.0017381	.000052	.000103	.21535	.0001529	.0002228
%RSD	.5763557	5.511894	26.68230	.2682771	.3715760	1.271139
#1	.3034997	-.000886	-.000384	80.52080	.0410324	.0173124
#2	.3010514	-.000940	-.000285	80.13307	.0413159	.0177571
#3	.3001385	-.000990	-.000491	80.16452	.0410752	.0175102
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105439	23.85613	21.14035	17.47303	.0211984	.0037463
Stddev	.0004538	.10061	.23528	.11024	.0001217	.0001503
%RSD	4.304310	.4217195	1.112953	.6309381	.5742315	4.012453
#1	.0100208	23.91643	21.30496	17.59831	.0210706	.0035755
#2	.0108328	23.91198	20.87087	17.42993	.0212116	.0038049
#3	.0107782	23.73999	21.24523	17.39085	.0213130	.0038586
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.84325	.0108734	.0518737	18.07037	.0708036	.0024122
Stddev	.27270	.0009794	.0000844	.16682	.0006498	.0002467
%RSD	.4883284	9.007823	.1626721	.9231927	.9178058	10.22793
#1	55.82743	.0101326	.0519694	18.14344	.0715448	.0026953
#2	56.12351	.0119839	.0518099	18.18819	.0705338	.0022431
#3	55.57880	.0105035	.0518418	17.87948	.0703321	.0022982

Sample Name: Q1061-01 Acquired: 1/20/2025 15:50:12 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000395	.0567445	F 16.70708	.3032849	6.682804	-.002574
Stddev	.000381	.0016499	.05291	.0016767	.019458	.000861
%RSD	96.49606	2.907599	.3167102	.5528430	.2911604	33.44747
#1	-.000694	.0580101	16.68085	.3019674	6.680441	-.001823
#2	-.000524	.0573450	16.76798	.3027150	6.703335	-.003514
#3	.000034	.0548785	16.67240	.3051722	6.664635	-.002386

Elem	Sr4077
Units	ppm
Avg	.1415613
Stddev	.0005470
%RSD	.3863697
#1	.1421625
#2	.1414283
#3	.1410932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.947	52503.67	10412.72	1814.825	3855.010
Stddev	5.385	118.86	51.49	7.224	8.381
%RSD	.2011619	.2263878	.4944544	.3980563	.2173988
#1	2681.102	52631.91	10413.98	1823.105	3863.254
#2	2678.875	52481.90	10463.57	1809.810	3855.277
#3	2670.863	52397.19	10360.62	1811.560	3846.499

Sample Name: Q1061-02 Acquired: 1/20/2025 15:54:36 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0205215	.0037100	.0035405	-.003463	-.001459	9.739448
Stddev	.0002502	.0015999	.0012208	.002961	.001743	.031195
%RSD	1.219279	43.12323	34.47965	85.51552	119.4692	.3202973
#1	.0207308	.0052958	.0036387	-.000503	-.003290	9.714190
#2	.0205892	.0020964	.0047092	-.003459	.000180	9.774318
#3	.0202444	.0037377	.0022736	-.006425	-.001266	9.729835
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4564975	-.002256	.0012540	48.41770	.0360184	.0158432
Stddev	.0016672	.000044	.0000607	.12526	.0003631	.0002490
%RSD	.3652100	1.972547	4.842378	.2587171	1.008198	1.571406
#1	.4549857	-.002247	.0011839	48.27308	.0360915	.0160145
#2	.4562214	-.002217	.0012895	48.49205	.0356243	.0155576
#3	.4582856	-.002304	.0012886	48.48797	.0363394	.0159575
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067526	21.90547	37.92170	8.930121	.0266184	.0053197
Stddev	.0002005	.11851	.26358	.041064	.0001687	.0005921
%RSD	2.969613	.5409996	.6950617	.4598414	.6337726	11.13140
#1	.0069457	21.99437	37.63764	8.910016	.0264664	.0056938
#2	.0065454	21.77092	38.15836	8.977364	.0265888	.0056283
#3	.0067667	21.95111	37.96910	8.902984	.0267999	.0046370
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.15688	.0104067	.0404911	14.44181	.0394221	-.001400
Stddev	.35193	.0017444	.0005207	.07845	.0007047	.000227
%RSD	.6051420	16.76215	1.285930	.5432097	1.787461	16.23017
#1	58.40331	.0123352	.0399567	14.50607	.0393488	-.001172
#2	57.75383	.0099460	.0405198	14.35439	.0387569	-.001627
#3	58.31350	.0089389	.0409969	14.46497	.0401605	-.001402

Sample Name: Q1061-02 Acquired: 1/20/2025 15:54:36 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001291	.1924903	F 14.32840	.4390716	6.123326	.0009814
Stddev	.000271	.0033141	.04313	.0041486	.028087	.0008214
%RSD	20.97901	1.721675	.3010219	.9448539	.4586952	83.69951
#1	-.001056	.1946194	14.27860	.4343933	6.119840	.0007661
#2	-.001587	.1941796	14.35265	.4405183	6.097144	.0018890
#3	-.001230	.1886720	14.35394	.4423031	6.152993	.0002891

Elem	Sr4077
Units	ppm
Avg	.0918300
Stddev	.0002898
%RSD	.3156239
#1	.0916517
#2	.0916740
#3	.0921645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.611	52902.70	10542.84	1869.281	3939.491
Stddev	7.847	42.90	69.53	1.234	9.444
%RSD	.2835390	.0810867	.6595183	.0660351	.2397261
#1	2776.640	52886.92	10609.35	1870.507	3950.233
#2	2762.436	52951.25	10470.64	1868.038	3935.749
#3	2763.757	52869.93	10548.52	1869.298	3932.492

Sample Name: Q1061-03 Acquired: 1/20/2025 15:58:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0477459	.0126798	.0157730	-.014586	.0007665	14.19357
Stddev	.0040328	.0024460	.0006992	.001518	.0005859	.02019
%RSD	8.446329	19.29025	4.432936	10.40648	76.43356	.1422417
#1	.0436843	.0139387	.0165096	-.015966	.0011042	14.20897
#2	.0478040	.0098608	.0156911	-.014831	.0011054	14.20103
#3	.0517493	.0142398	.0151183	-.012960	.0000900	14.17071
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9315853	-.001089	-.001263	139.2604	.0554836	.0585342
Stddev	.0020622	.000071	.000049	.2049	.0005819	.0001527
%RSD	.2213642	6.528982	3.861773	.1471315	1.048834	.2609134
#1	.9320703	-.001089	-.001208	139.4187	.0561471	.0584572
#2	.9333618	-.001161	-.001298	139.3335	.0550598	.0584353
#3	.9293238	-.001019	-.001284	139.0289	.0552439	.0587101
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304992	87.74595	38.80247	25.00533	.1130650	.0056693
Stddev	.0006092	.25038	.10893	.06294	.0002981	.0003309
%RSD	1.997374	.2853431	.2807296	.2517235	.2636116	5.836329
#1	.0306675	87.99567	38.71947	25.07755	.1134064	.0059905
#2	.0298235	87.74726	38.76213	24.97634	.1129320	.0056877
#3	.0310065	87.49492	38.92582	24.96211	.1128566	.0053295
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	176.9974	.0193349	.1087097	43.73022	.0975852	.0001658
Stddev	1.2165	.0005239	.0005712	.04896	.0011990	.0002765
%RSD	.6872807	2.709541	.5254332	.1119644	1.228631	166.7688
#1	178.2683	.0188215	.1092938	43.75133	.0989579	-.000019
#2	175.8439	.0198687	.1081524	43.76508	.0970544	.000484
#3	176.8799	.0193145	.1086829	43.67424	.0967432	.000032

Sample Name: Q1061-03 Acquired: 1/20/2025 15:58:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001548	.0760791	F 19.10950	.9522618	F 11.59281	.0069870
Stddev	.001141	.0010848	.03770	.0027687	.00785	.0007203
%RSD	73.73916	1.425902	.1972657	.2907551	.0676773	10.30927
#1	-.000312	.0752171	19.13518	.9504512	11.59325	.0068820
#2	-.002562	.0772972	19.12709	.9508851	11.58475	.0077541
#3	-.001769	.0757229	19.06622	.9554490	11.60042	.0063250

Elem	Sr4077
Units	ppm
Avg	.2976307
Stddev	.0004859
%RSD	.1632613
#1	.2975498
#2	.2981520
#3	.2971903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.266	50996.03	10191.23	1809.356	3573.821
Stddev	10.574	57.79	11.76	7.246	6.226
%RSD	.4061661	.1133235	.1154188	.4004598	.1741990
#1	2614.749	50929.33	10178.42	1801.840	3580.888
#2	2601.116	51031.21	10193.71	1809.929	3571.424
#3	2593.933	51027.55	10201.55	1816.298	3569.150

Sample Name: Q1061-04 Acquired: 1/20/2025 16:03:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.1017695	.0044341	.0157845	-.010250	-.000883	10.01465
Stddev	.0030805	.0016898	.0019418	.000468	.001004	.01816
%RSD	3.026896	38.10931	12.30207	4.565977	113.6909	.1813758
#1	.1017229	.0063782	.0141962	-.010707	-.000044	9.99758
#2	.0987127	.0033183	.0179492	-.010271	-.001996	10.01265
#3	.1048731	.0036057	.0152080	-.009772	-.000610	10.03374
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9600996	-.000476	-.000655	142.8997	.0318765	.0235825
Stddev	.0038722	.000044	.000058	.0784	.0000546	.0000734
%RSD	.4033147	9.242544	8.917231	.0548351	.1712150	.3111200
#1	.9620078	-.000431	-.000695	142.8114	.0319345	.0234980
#2	.9556436	-.000519	-.000588	142.9269	.0318261	.0236204
#3	.9626474	-.000476	-.000681	142.9608	.0318689	.0236292
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177365	46.71719	22.57994	23.35186	.0717517	.0040033
Stddev	.0004342	.15902	.31081	.09644	.0002655	.0004953
%RSD	2.448308	.3403887	1.376503	.4129837	.3699833	12.37373
#1	.0172932	46.72684	22.30659	23.26053	.0718695	.0040261
#2	.0177552	46.55357	22.51521	23.45270	.0714477	.0044868
#3	.0181611	46.87117	22.91803	23.34235	.0719378	.0034969
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.5897	.0146529	.0716196	31.94754	.0611954	-.001011
Stddev	1.1599	.0022435	.0004972	.17355	.0007870	.000314
%RSD	.7753858	15.31074	.6941659	.5432413	1.285986	31.07830
#1	149.3082	.0161918	.0711866	31.97487	.0607441	-.001311
#2	148.5965	.0156883	.0721625	31.76194	.0621041	-.000685
#3	150.8645	.0120787	.0715096	32.10580	.0607380	-.001036

Sample Name: Q1061-04 Acquired: 1/20/2025 16:03:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.003474	.0561410	F 17.19847	2.206124	F 15.15624	-.000032
Stddev	.001003	.0006318	.04665	.007448	.07645	.000950
%RSD	28.88512	1.125457	.2712383	.3375952	.5044092	3008.895
#1	-.003758	.0567824	17.20570	2.205957	15.08173	.001012
#2	-.002359	.0555192	17.14862	2.198762	15.15251	-.000846
#3	-.004304	.0561213	17.24108	2.213654	15.23449	-.000261

Elem	Sr4077
Units	ppm
Avg	.3935808
Stddev	.0010132
%RSD	.2574217
#1	.3940797
#2	.3924150
#3	.3942478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.766	50959.93	10249.55	1776.273	3621.003
Stddev	6.674	135.22	22.45	7.663	8.706
%RSD	.2554190	.2653422	.2190064	.4314088	.2404188
#1	2619.836	51081.88	10275.11	1774.146	3627.587
#2	2611.886	50983.39	10233.04	1784.775	3624.290
#3	2606.577	50814.51	10240.51	1769.898	3611.133

Sample Name: Q1061-05 Acquired: 1/20/2025 16:07:56 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0292466	.0017822	.2448048	-.006537	.0005950	17.83650
Stddev	.0027550	.0025916	.0008146	.003509	.0016443	.04193
%RSD	9.419982	145.4159	.3327390	53.68040	276.3650	.2350852
#1	.0293230	.0046141	.2438642	-.005988	-.000710	17.78859
#2	.0319627	.0012036	.2452735	-.010288	.002442	17.85440
#3	.0264542	-.000471	.2452766	-.003335	.000053	17.86652
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5893779	.0010310	.0031757	131.3755	.0322424	.0574648
Stddev	.0010590	.0000423	.0000553	.1165	.0002686	.0001820
%RSD	.1796836	4.101958	1.742493	.0886958	.8329728	.3167869
#1	.5886586	.0010785	.0031150	131.2594	.0321151	.0575384
#2	.5888811	.0010171	.0031886	131.3745	.0320611	.0572575
#3	.5905940	.0009974	.0032234	131.4925	.0325509	.0575985
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2682774	36.76789	7.420888	22.45268	.0832901	.0032690
Stddev	.0010881	.13445	.008179	.03495	.0002363	.0001718
%RSD	.4055936	.3656786	.1102161	.1556737	.2836599	5.256734
#1	.2670235	36.89038	7.411599	22.41868	.0833837	.0034120
#2	.2689741	36.62403	7.424055	22.48851	.0830214	.0030784
#3	.2688344	36.78927	7.427011	22.45084	.0834652	.0033165
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	256.8430	.0212722	.8382482	71.79314	.0732954	.0023382
Stddev	2.8416	.0016525	.0030386	.25032	.0013341	.0001220
%RSD	1.106376	7.768551	.3624902	.3486627	1.820164	5.216624
#1	259.8328	.0217596	.8366051	72.02476	.0729961	.0024228
#2	256.5188	.0226262	.8363850	71.52759	.0721363	.0023935
#3	254.1773	.0194308	.8417545	71.82708	.0747537	.0021984

Sample Name: Q1061-05 Acquired: 1/20/2025 16:07:56 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001825	.0729477	F 22.83950	F 14.72384	F 35.18454	.0433689
Stddev	.000581	.0006508	.08423	.02280	.05030	.0009978
%RSD	31.83296	.8921275	.3687791	.1548173	.1429564	2.300771
#1	-.001301	.0722571	22.88413	14.74871	35.12877	.0423604
#2	-.001724	.0735496	22.74235	14.70394	35.22646	.0443557
#3	-.002450	.0730364	22.89202	14.71886	35.19839	.0433904

Elem	Sr4077
Units	ppm
Avg	.9296082
Stddev	.0057731
%RSD	.6210248
#1	.9348387
#2	.9234138
#3	.9305720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.383	51666.23	10834.25	1788.563	3530.890
Stddev	10.368	56.84	46.38	1.321	11.691
%RSD	.3940228	.1100208	.4280560	.0738384	.3311000
#1	2643.110	51610.31	10885.91	1788.707	3544.302
#2	2627.608	51723.95	10796.20	1787.176	3525.515
#3	2623.432	51664.42	10820.65	1789.806	3522.853

Sample Name: Q1061-06 Acquired: 1/20/2025 16:12:19 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0462044	.0056209	.0072490	-.011315	-.000221	6.665483
Stddev	.0033488	.0007017	.0003883	.000202	.001093	.017332
%RSD	7.247766	12.48328	5.357353	1.786995	495.2102	.2600323
#1	.0451617	.0063135	.0075226	-.011463	.000768	6.654776
#2	.0499505	.0056388	.0068045	-.011084	-.001393	6.656192
#3	.0435010	.0049105	.0074199	-.011396	-.000037	6.685480
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9324066	-.001106	-.000662	142.8255	.0358560	.0308850
Stddev	.0024570	.000069	.000092	.2057	.0000960	.0001859
%RSD	.2635127	6.236955	13.92628	.1440032	.2676531	.6018919
#1	.9312414	-.001148	-.000617	142.8239	.0359645	.0306713
#2	.9307490	-.001027	-.000601	142.6207	.0358214	.0310092
#3	.9352294	-.001144	-.000768	143.0320	.0357821	.0309744
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080186	47.74120	27.44750	23.85344	.0652038	.0043738
Stddev	.0001400	.11923	.23578	.04038	.0000604	.0002498
%RSD	1.745705	.2497443	.8590260	.1692776	.0926130	5.711809
#1	.0078921	47.77842	27.56024	23.86614	.0652501	.0045921
#2	.0081690	47.60780	27.17652	23.80824	.0652257	.0041013
#3	.0079947	47.83739	27.60575	23.88595	.0651355	.0044279
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.6170	.0100171	.0504853	52.27027	.0839598	.0030183
Stddev	.8388	.0020045	.0004231	.11490	.0010212	.0000665
%RSD	.5288338	20.01047	.8380334	.2198236	1.216246	2.201666
#1	159.5511	.0086841	.0508462	52.28706	.0848537	.0029772
#2	157.9282	.0090448	.0500197	52.14789	.0828469	.0029828
#3	158.3716	.0123222	.0505900	52.37585	.0841788	.0030950

Sample Name: Q1061-06 Acquired: 1/20/2025 16:12:19 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001618	.0397012	F 18.14894	.6519519	F 25.85881	-.009392
Stddev	.001019	.0014011	.03435	.0023989	.06035	.001330
%RSD	62.96953	3.529081	.1892558	.3679523	.2333648	14.16401
#1	-.001426	.0401169	18.15963	.6534373	25.87600	-.008197
#2	-.002720	.0381394	18.11052	.6532339	25.90870	-.010825
#3	-.000709	.0408475	18.17667	.6491844	25.79174	-.009152

Elem	Sr4077
Units	ppm
Avg	.3967999
Stddev	.0010204
%RSD	.2571488
#1	.3958775
#2	.3966263
#3	.3978960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.714	50467.84	10264.96	1766.719	3593.615
Stddev	8.199	261.87	44.43	14.961	8.356
%RSD	.3178284	.5188767	.4328519	.8468259	.2325220
#1	2579.440	50276.21	10238.39	1758.134	3596.558
#2	2588.046	50766.22	10316.26	1783.995	3600.100
#3	2571.655	50361.09	10240.24	1758.029	3584.185

Sample Name: Q1061-07 Acquired: 1/20/2025 16:16:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0426703	.0125750	.0090432	-.018922	-.000242	6.099147
Stddev	.0037311	.0003887	.0022452	.001425	.000732	.015226
%RSD	8.744084	3.091216	24.82801	7.532445	301.8107	.2496479
#1	.0390347	.0123510	.0098960	-.017278	.000343	6.108868
#2	.0424862	.0123501	.0107371	-.019678	-.001063	6.106974
#3	.0464901	.0130238	.0064965	-.019811	-.000008	6.081599
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.820310	-.000138	-.002548	154.4602	.0226683	.0398717
Stddev	.008994	.000063	.000163	.3637	.0002626	.0000977
%RSD	.4941060	45.65205	6.396578	.2354898	1.158317	.2449854
#1	1.823128	-.000203	-.002529	154.8492	.0225585	.0398306
#2	1.810244	-.000135	-.002395	154.1286	.0224784	.0398013
#3	1.827558	-.000077	-.002719	154.4025	.0229679	.0399832
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233488	114.4788	26.24910	42.32675	.0448144	.0052513
Stddev	.0003511	.5974	.22813	.10542	.0000814	.0004223
%RSD	1.503578	.5218473	.8690998	.2490697	.1815993	8.042006
#1	.0237006	114.0459	26.44221	42.44192	.0447310	.0048755
#2	.0229985	114.2303	26.30771	42.30329	.0448185	.0051701
#3	.0233472	115.1604	25.99739	42.23503	.0448936	.0057083
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	129.3429	.0155847	.0764011	24.02295	.0685016	.0025165
Stddev	1.4508	.0011358	.0002924	.14196	.0013688	.0003128
%RSD	1.121652	7.287580	.3827424	.5909307	1.998234	12.43216
#1	129.9881	.0142764	.0760784	23.91051	.0676321	.0027194
#2	130.3591	.0161612	.0766484	23.97588	.0677934	.0026739
#3	127.6814	.0163166	.0764765	24.18247	.0700795	.0021562

Sample Name: Q1061-07 Acquired: 1/20/2025 16:16:51 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.000540	.0372859	F 17.44369	.3955587	F 25.47657	-.017829
Stddev	.000884	.0002907	.11035	.0033720	.05320	.000586
%RSD	163.8321	.7797526	.6326308	.8524592	.2088066	3.284754
#1	-.001444	.0376216	17.31774	.3934421	25.41525	-.017950
#2	-.000499	.0371188	17.48991	.3994472	25.50411	-.018346
#3	.000323	.0371172	17.52341	.3937866	25.51034	-.017193

Elem	Sr4077
Units	ppm
Avg	.3846210
Stddev	.0021085
%RSD	.5482014
#1	.3859563
#2	.3821903
#3	.3857164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.781	50874.11	10295.59	1771.382	3644.435
Stddev	3.303	138.71	63.97	4.246	5.737
%RSD	.1267547	.2726593	.6213266	.2396815	.1574065
#1	2609.145	50931.99	10231.25	1776.284	3650.627
#2	2605.655	50715.83	10296.33	1768.920	3639.301
#3	2602.543	50974.50	10359.18	1768.941	3643.376

Sample Name: Q1061-08 Acquired: 1/20/2025 16:21:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0148333	.0033267	-.000746	-.004596	-.000814	1.879943
Stddev	.0018759	.0016313	.001353	.000777	.001856	.004865
%RSD	12.64679	49.03832	181.2995	16.90655	228.0558	.2587685
#1	.0156593	.0016920	-.002292	-.004184	.000708	1.883197
#2	.0126861	.0049546	.000222	-.004112	-.000268	1.882282
#3	.0161545	.0033334	-.000168	-.005492	-.002882	1.874351
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092647	-.001767	.0004385	128.3069	.0172467	.0207562
Stddev	.005396	.000041	.0000595	.4441	.0002513	.0000713
%RSD	.4938612	2.304361	13.56526	.3461568	1.457121	.3437191
#1	1.089757	-.001793	.0004296	128.2809	.0173823	.0207759
#2	1.098873	-.001720	.0005019	128.7635	.0169567	.0208157
#3	1.089311	-.001787	.0003840	127.8764	.0174010	.0206771
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065691	15.64778	28.31065	18.85983	.0377046	.0041855
Stddev	.0004064	.11315	.08731	.02063	.0003855	.0005840
%RSD	6.185867	.7230823	.3084009	.1093705	1.022468	13.95262
#1	.0069870	15.63368	28.30993	18.85186	.0377077	.0035327
#2	.0061754	15.76732	28.22369	18.88326	.0380885	.0046581
#3	.0065448	15.54234	28.39831	18.84438	.0373175	.0043659
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.1503	.0004260	.0217437	28.57970	.0565379	.0001165
Stddev	.5059	.0009999	.0002522	.18016	.0002429	.0003021
%RSD	.4355230	234.7327	1.159780	.6303696	.4296623	259.3014
#1	115.9100	-.000709	.0214874	28.55371	.0566233	.0004314
#2	116.7315	.000809	.0217521	28.77144	.0567267	-.000171
#3	115.8094	.001178	.0219916	28.41395	.0562638	.000089

Sample Name: Q1061-08 Acquired: 1/20/2025 16:21:21 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.002184	.0128645	F 11.06261	.3979679	F 28.27011	-.019400
Stddev	.000483	.0002735	.07201	.0038656	.07572	.000720
%RSD	22.09876	2.125614	.6509197	.9713397	.2678496	3.712908
#1	-.001648	.0125617	11.05031	.3968340	28.32919	-.020062
#2	-.002585	.0129383	11.13998	.3947960	28.18475	-.018633
#3	-.002319	.0130935	10.99755	.4022736	28.29639	-.019504

Elem	Sr4077
Units	ppm
Avg	.3957876
Stddev	.0019111
%RSD	.4828702
#1	.3945761
#2	.3979907
#3	.3947959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.815	51790.87	10128.11	1818.013	3732.973
Stddev	7.846	163.21	8.25	8.217	10.563
%RSD	.2958911	.3151410	.0814123	.4519902	.2829692
#1	2656.971	51870.64	10134.75	1818.642	3739.216
#2	2655.690	51603.11	10118.88	1809.499	3738.927
#3	2642.785	51898.86	10130.70	1825.898	3720.777

Sample Name: Q1061-09 Acquired: 1/20/2025 16:25:45 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0085095	.0065688	.0130568	-.015181	-.001026	7.789726
Stddev	.0036277	.0002317	.0023897	.005151	.000283	.018828
%RSD	42.63116	3.527238	18.30223	33.93048	27.58823	.2417022
#1	.0066934	.0068353	.0134958	-.009697	-.001345	7.808913
#2	.0126865	.0064556	.0104780	-.019917	-.000804	7.771278
#3	.0061484	.0064155	.0151965	-.015929	-.000930	7.788988
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6897596	-.000179	-.000450	149.0790	.0390573	.0341362
Stddev	.0023483	.000071	.000171	.4393	.0003615	.0000908
%RSD	.3404545	39.98106	38.05340	.2947066	.9256171	.2661347
#1	.6924659	-.000233	-.000588	149.1885	.0392084	.0340392
#2	.6885528	-.000098	-.000505	149.4532	.0393188	.0342192
#3	.6882599	-.000205	-.000258	148.5953	.0386448	.0341503
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179739	66.98804	20.07655	19.07534	.0912992	.0037592
Stddev	.0002253	.41417	.02814	.09106	.0003362	.0000572
%RSD	1.253618	.6182798	.1401810	.4773677	.3681895	1.520532
#1	.0178111	67.43375	20.09071	19.05751	.0909144	.0037186
#2	.0178795	66.61504	20.04414	19.17400	.0915357	.0038245
#3	.0182311	66.91532	20.09480	18.99452	.0914476	.0037344
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	192.1020	.0109332	.1313167	57.06895	.1115568	.0005807
Stddev	1.4699	.0004626	.0016111	.37004	.0007658	.0001541
%RSD	.7651805	4.231204	1.226905	.6484121	.6864990	26.52720
#1	190.4051	.0113466	.1318276	57.41301	.1123288	.0005672
#2	192.9174	.0104335	.1326104	56.67750	.1107973	.0007411
#3	192.9836	.0110194	.1295120	57.11635	.1115444	.0004339

Sample Name: Q1061-09 Acquired: 1/20/2025 16:25:45 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.003944	.0388554	F 21.12574	.7490457	F 25.68876	-.001765
Stddev	.000814	.0001537	.12790	.0025869	.11640	.000500
%RSD	20.63934	.3956504	.6054269	.3453557	.4531358	28.30969
#1	-.004777	.0386792	21.25740	.7461116	25.57295	-.001872
#2	-.003150	.0389624	21.00197	.7500276	25.68756	-.001220
#3	-.003905	.0389247	21.11785	.7509978	25.80575	-.002202

Elem	Sr4077
Units	ppm
Avg	.5835564
Stddev	.0014242
%RSD	.2440595
#1	.5848540
#2	.5837826
#3	.5820327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.959	51057.81	10282.46	1796.088	3623.847
Stddev	5.166	73.01	56.33	10.540	6.149
%RSD	.1968123	.1429976	.5478197	.5868447	.1696773
#1	2627.655	50974.63	10312.29	1794.433	3626.643
#2	2628.220	51087.47	10217.48	1786.473	3628.101
#3	2619.002	51111.32	10317.59	1807.358	3616.797

Sample Name: CCV06 Acquired: 1/20/2025 16:47:00 Type: Unk
Method: NON EPA-6010-200.7(v2621) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853875	4.872485	4.711276	4.951107	4.986456	9.319623
Stddev	.015912	.052433	.001868	.013253	.002982	.031266
%RSD	.3278251	1.076113	.0396408	.2676781	.0598009	.3354876
#1	4.841111	4.843445	4.709597	4.936316	4.984698	9.286491
#2	4.848811	4.933014	4.710944	4.961903	4.984771	9.348610
#3	4.871703	4.840997	4.713287	4.955102	4.989899	9.323769
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50781	.2330649	2.359503	22.55070	.9662404	2.359591
Stddev	.06824	.0012485	.002821	.01626	.0024183	.003552
%RSD	.6494191	.5357065	.1195396	.0721246	.2502826	.1505180
#1	10.44155	.2344026	2.356250	22.54099	.9634977	2.355493
#2	10.57787	.2319305	2.361258	22.56948	.9680662	2.361510
#3	10.50403	.2328616	2.361003	22.54163	.9671573	2.361771
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.207330	5.337366	2.549854	22.62980	2.355588	1.188272
Stddev	.002499	.038914	.004511	.02883	.003762	.001261
%RSD	.2069785	.7290862	.1769059	.1274064	.1597035	.1061584
#1	1.206586	5.311900	2.546121	22.63683	2.351939	1.188585
#2	1.205288	5.382160	2.554867	22.65446	2.355371	1.189348
#3	1.210116	5.318039	2.548575	22.59810	2.359454	1.186884
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.81736	2.288655	2.411978	23.07007	4.606535	4.966376
Stddev	.18747	.000825	.008503	.16820	.031880	.010111
%RSD	.8216194	.0360352	.3525356	.7290923	.6920548	.2035955
#1	22.62268	2.289312	2.404194	22.88733	4.638976	4.956239
#2	22.99668	2.287729	2.410687	23.21841	4.575248	4.966428
#3	22.83272	2.288923	2.421052	23.10448	4.605380	4.976462

Sample Name: CCV06 Acquired: 1/20/2025 16:47:00 Type: Unk
Method: NON EPA-6010-200.7(v2621) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.710732	F 4.449353	4.711333	4.758390	4.677154	F 4.451270
Stddev	.013609	.009766	.045526	.013403	.003636	.006074
%RSD	.2888859	.2194920	.9662981	.2816733	.0777395	.1364624
#1	4.696052	4.442387	4.660456	4.749552	4.674825	4.445162
#2	4.722928	4.460516	4.748227	4.773812	4.681344	4.457310
#3	4.713214	4.445157	4.725316	4.751806	4.675294	4.451337

Elem	Sr4077
Units	ppm
Avg	4.530798
Stddev	.021765
%RSD	.4803820
#1	4.549534
#2	4.506923
#3	4.535937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.151	52316.54	9523.557	1802.384	3879.957
Stddev	2.084	195.81	26.217	10.783	6.030
%RSD	.0774328	.3742725	.2752836	.5982394	.1554044
#1	2693.372	52520.08	9496.227	1814.757	3883.980
#2	2690.842	52129.51	9548.497	1794.999	3873.025
#3	2689.239	52300.04	9525.945	1797.395	3882.867

Sample Name: CCB06 Acquired: 1/20/2025 16:50:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000906	-.000462	-.000846	.0006310	-.000227	-.003001	-.005188
Stddev	.002432	.000362	.000754	.0002083	.000732	.004708	.000398
%RSD	268.4478	78.44244	89.07946	33.01052	323.1296	156.8909	7.664751

#1	-.000981	-.000537	-.000282	.0004440	-.001069	-.004486	-.004754
#2	.001562	-.000068	-.000555	.0008555	.000127	-.006788	-.005535
#3	-.003300	-.000780	-.001702	.0005934	.000262	.002271	-.005275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000603	-.000034	.0032630	-.000263	.0000370	.0001931	.0040263
Stddev	.0000165	.000013	.0031065	.000295	.0001887	.0002617	.0049150
%RSD	27.29454	38.74407	95.20524	112.1791	509.5813	135.5861	122.0720

#1	.0000681	-.000038	.0040738	-.000603	.0002444	.0001790	.0070027
#2	.0000714	-.000019	.0058836	-.000120	-.000009	-.000061	.0067230
#3	.0000414	-.000044	-.000169	-.000067	-.000125	.000462	-.001647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002900	.0033506	-.000054	.0014647	.0560872	.0000249	-.000785
Stddev	.0003113	.0086830	.000158	.0001786	.0098227	.0006485	.000341
%RSD	107.3421	259.1461	290.9787	12.19079	17.51327	2609.875	43.48610

#1	-.000056	-.004125	-.000214	.0015543	.0581403	.0001443	-.000972
#2	.000380	.012875	.000102	.0012590	.0647210	.0006054	-.000992
#3	.000546	.001302	-.000051	.0015806	.0454002	-.000675	-.000391

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890231	.0066413	.0001252	-.000726	.0005491	.0096740	-.004662
Stddev	.0264839	.0006336	.0001572	.000666	.0003014	.0087271	.001977
%RSD	14.01091	9.540403	125.5815	91.76270	54.89876	90.21220	42.41690

#1	.1618191	.0073600	-.000033	-.000038	.0002575	.0173477	-.002616
#2	.2147227	.0064007	.000281	-.001367	.0005301	.0114937	-.004807
#3	.1905274	.0061633	.000127	-.000773	.0008595	.0001805	-.006562

Sample Name: CCB06 Acquired: 1/20/2025 16:50:50 Type: Unk
Method: NON EPA-6010-200.7(v2491) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005413	.0001614	.0000514
Stddev	.002207	.0014758	.0000318
%RSD	40.76064	914.1955	61.89197
#1	-.006144	-.001478	.0000654
#2	-.007162	.000578	.0000150
#3	-.002934	.001384	.0000740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.903	54335.69	10128.26	1888.579	4204.271
Stddev	4.403	341.01	46.25	9.842	2.360
%RSD	.1591452	.6275911	.4566525	.5211344	.0561259
#1	2763.638	54028.43	10091.22	1881.186	4201.604
#2	2765.161	54276.06	10180.10	1884.800	4206.087
#3	2771.911	54702.58	10113.46	1899.750	4205.123

Sample Name: Q1061-10 Acquired: 1/20/2025 16:55:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0212322	.0034673	.2021017	-.007263	-.000292	18.59126
Stddev	.0008903	.0028567	.0004605	.003186	.001837	.02418
%RSD	4.193111	82.39013	.2278517	43.86973	628.9171	.1300815
#1	.0221950	.0003483	.2019704	-.009201	.000819	18.57388
#2	.0204388	.0040968	.2026136	-.003586	-.002412	18.58103
#3	.0210627	.0059567	.2017211	-.009003	.000717	18.61888
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6765937	.0009707	.0029872	175.7505	.0765569	.0492509
Stddev	.0012380	.0000447	.0001676	.1881	.0004686	.0001608
%RSD	.1829771	4.605123	5.610285	.1070045	.6120443	.3264422
#1	.6754426	.0009785	.0029671	175.5682	.0764120	.0490776
#2	.6764352	.0009227	.0031639	175.9438	.0770808	.0492800
#3	.6779034	.0010111	.0028305	175.7395	.0761779	.0493952
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1316937	34.00292	9.427850	20.72646	.0763481	.0021289
Stddev	.0006593	.08481	.009164	.05285	.0006575	.0001349
%RSD	.5006397	.2494106	.0972002	.2550094	.8612251	6.337663
#1	.1309450	34.07924	9.418514	20.67617	.0760517	.0021818
#2	.1319483	34.01790	9.436832	20.78155	.0758908	.0022293
#3	.1321877	33.91162	9.428206	20.72166	.0771016	.0019756
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	205.9494	.0271632	1.353559	56.13104	.0954696	.0016810
Stddev	1.7839	.0011447	.005054	.12821	.0005933	.0001146
%RSD	.8661932	4.214301	.3733736	.2284097	.6215032	6.816556
#1	205.6552	.0267292	1.348106	56.26511	.0961445	.0017416
#2	204.3309	.0262989	1.354486	56.11838	.0952337	.0017525
#3	207.8621	.0284615	1.358086	56.00963	.0950304	.0015488

Sample Name: Q1061-10 Acquired: 1/20/2025 16:55:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0013421	.0937761	F 26.88894	4.153910	F 35.82501	.0182902
Stddev	.0010145	.0004203	.04105	.016294	.12352	.0007902
%RSD	75.59011	.4482367	.1526620	.3922607	.3447960	4.320422
#1	.0003232	.0940363	26.91608	4.171986	35.94532	.0177485
#2	.0013509	.0932912	26.90902	4.149396	35.69851	.0179251
#3	.0023521	.0940009	26.84172	4.140350	35.83120	.0191969

Elem	Sr4077
Units	ppm
Avg	.9345545
Stddev	.0062180
%RSD	.6653427
#1	.9416503
#2	.9319556
#3	.9300576

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.377	53017.96	10821.65	1814.332	3626.804
Stddev	5.499	127.93	49.68	9.633	7.213
%RSD	.2034249	.2412986	.4590885	.5309279	.1988844
#1	2709.722	53120.65	10879.01	1825.345	3631.832
#2	2699.980	52874.65	10792.36	1807.473	3630.041
#3	2700.430	53058.57	10793.57	1810.179	3618.539

Sample Name: Q1061-10DUP Acquired: 1/20/2025 16:59:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0200976	.0020153	.2033764	-.008346	-.000262	18.50104
Stddev	.0011513	.0018279	.0016912	.002275	.000927	.02771
%RSD	5.728519	90.69952	.8315452	27.25979	353.4228	.1497633
#1	.0210018	.0031750	.2028631	-.005992	-.001067	18.53269
#2	.0204895	.0029627	.2020013	-.010533	-.000470	18.48115
#3	.0188015	-.000092	.2052647	-.008513	.000751	18.48929
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6713434	.0009371	.0031404	174.7921	.0763024	.0496653
Stddev	.0014220	.0000485	.0000944	.3613	.0004018	.0001981
%RSD	.2118207	5.174916	3.006797	.2067260	.5266456	.3988444
#1	.6726821	.0008865	.0030322	175.2040	.0767202	.0498439
#2	.6714976	.0009417	.0031826	174.6439	.0759186	.0494523
#3	.6698506	.0009832	.0032063	174.5284	.0762685	.0496998
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1340898	33.64133	9.361234	20.58435	.0773508	.0022032
Stddev	.0009471	.10345	.011499	.08684	.0005072	.0000633
%RSD	.7063514	.3075192	.1228407	.4218789	.6557249	2.870724
#1	.1330647	33.70772	9.371833	20.68462	.0768460	.0021517
#2	.1342721	33.52213	9.362862	20.53463	.0778604	.0021840
#3	.1349325	33.69413	9.349008	20.53380	.0773460	.0022738
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	202.4358	.0273164	1.353505	55.54357	.0934529	.0014391
Stddev	1.3470	.0005370	.004322	.23006	.0002236	.0001796
%RSD	.6654178	1.965942	.3192992	.4141963	.2392771	12.47640
#1	203.0304	.0279022	1.348740	55.76615	.0934579	.0013987
#2	200.8937	.0271999	1.354602	55.30669	.0932269	.0012833
#3	203.3832	.0268473	1.357172	55.55787	.0936740	.0016355

Sample Name: Q1061-10DUP Acquired: 1/20/2025 16:59:33 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0010923	.0928457	F 26.60660	4.187084	F 36.26508	.0178490
Stddev	.0001517	.0011553	.14693	.011574	.16144	.0011561
%RSD	13.88412	1.244352	.5522350	.2764286	.4451764	6.477174
#1	.0011934	.0928955	26.70728	4.174724	36.07974	.0191732
#2	.0011656	.0939754	26.43799	4.188860	36.34036	.0173333
#3	.0009179	.0916663	26.67452	4.197667	36.37513	.0170404

Elem	Sr4077
Units	ppm
Avg	.9349698
Stddev	.0141233
%RSD	1.510558
#1	.9404974
#2	.9454932
#3	.9189187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.439	53119.49	10803.73	1807.127	3577.738
Stddev	10.160	128.26	24.80	7.267	10.991
%RSD	.3807619	.2414564	.2295247	.4021174	.3072114
#1	2679.233	52982.07	10796.33	1811.595	3589.257
#2	2667.022	53236.03	10783.47	1811.043	3576.592
#3	2659.062	53140.35	10831.38	1798.742	3567.364

Sample Name: Q1061-10LX5 Acquired: 1/20/2025 17:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0007205	.0001765	.0402826	-.001018	-.000310	3.846834	.1362202
Stddev	.0014793	.0014951	.0003433	.002444	.001106	.002979	.0007854
%RSD	205.3097	847.1372	.8521880	240.1376	356.9284	.0774365	.5765375
#1	.0022559	.0009146	.0402786	.001763	.000689	3.846965	.1364550
#2	.0006013	-.001544	.0399413	-.002824	-.001498	3.849746	.1353443
#3	-.000696	.001159	.0406279	-.001992	-.000121	3.843792	.1368615
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002831	.0004679	36.96897	.0157458	.0097723	.0284477	7.107273
Stddev	.0000840	.0001093	.05899	.0001612	.0000564	.0004825	.026528
%RSD	29.68155	23.36562	.1595620	1.023715	.5773219	1.696069	.3732464
#1	.0002150	.0004051	36.90155	.0157092	.0098374	.0279338	7.093175
#2	.0003770	.0004045	37.01110	.0159221	.0097412	.0285181	7.137873
#3	.0002573	.0005942	36.99425	.0156060	.0097383	.0288910	7.090770
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.989158	4.405317	.0153046	.0016573	40.99006	.0069552	.2786003
Stddev	.006381	.007315	.0001315	.0001613	.10988	.0005394	.0011519
%RSD	.3207827	.1660411	.8589566	9.732768	.2680580	7.755787	.4134560
#1	1.982730	4.412845	.0151650	.0014727	40.86334	.0069896	.2793477
#2	1.995491	4.398236	.0154261	.0017281	41.05888	.0074766	.2772738
#3	1.989253	4.404872	.0153228	.0017710	41.04796	.0063994	.2791795
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.01268	.0196346	.0005910	-.001606	.0193374	5.409297	.7972111
Stddev	.05978	.0004696	.0004003	.000323	.0003620	.018219	.0084336
%RSD	.5428091	2.391607	67.73592	20.09991	1.871891	.3368171	1.057885
#1	11.06912	.0199986	.0008149	-.001912	.0196541	5.390201	.7886632
#2	11.01886	.0198006	.0008293	-.001638	.0189428	5.411200	.7974446
#3	10.95005	.0191045	.0001288	-.001268	.0194151	5.426490	.8055255

Sample Name: Q1061-10LX5 Acquired: 1/20/2025 17:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	6.825309	.0044158	.1954037
Stddev	.046358	.0004796	.0002488
%RSD	.6792002	10.85994	.1273303
#1	6.785376	.0045705	.1951397
#2	6.814404	.0038780	.1956339
#3	6.876146	.0047990	.1954376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.059	52591.65	10435.86	1819.162	3927.253
Stddev	18.166	86.33	27.77	5.964	33.615
%RSD	.6703357	.1641495	.2661044	.3278340	.8559431
#1	2724.252	52514.35	10404.14	1813.787	3952.852
#2	2716.339	52575.81	10447.65	1825.578	3939.723
#3	2689.586	52684.81	10455.79	1818.122	3889.185

Sample Name: Q1061-10MS Acquired: 1/20/2025 17:08:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8811775	2.060342	1.212765	2.081751	.5501857	27.14607
Stddev	.0037417	.023526	.002851	.001145	.0010480	.06114
%RSD	.4246224	1.141826	.2350612	.0550075	.1904793	.2252172
#1	.8847083	2.033551	1.215635	2.081223	.5491069	27.11328
#2	.8815686	2.069850	1.209934	2.083065	.5502503	27.21661
#3	.8772556	2.077625	1.212725	2.080965	.5511999	27.10832
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8898704	.1827817	.2085263	173.7690	.4866493	.2592979
Stddev	.0023375	.0000485	.0003137	.5322	.0022868	.0006070
%RSD	.2626800	.0265144	.1504377	.3062527	.4699130	.2341099
#1	.8906175	.1827371	.2088829	173.7341	.4846436	.2593534
#2	.8917430	.1828333	.2082926	174.3177	.4891396	.2586650
#3	.8872506	.1827748	.2084035	173.2551	.4861647	.2598752
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4293055	44.84867	9.489718	23.52426	.5953476	.0787427
Stddev	.0005973	.17788	.019544	.08461	.0005452	.0004741
%RSD	.1391300	.3966139	.2059443	.3596881	.0915742	.6020670
#1	.4287594	44.80558	9.498162	23.51666	.5956986	.0785586
#2	.4292139	45.04413	9.503621	23.61241	.5947196	.0792812
#3	.4299434	44.69630	9.467373	23.44370	.5956248	.0783883
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	207.8807	.3066243	1.596062	67.00910	.3443768	.4000765
Stddev	1.3327	.0010109	.006367	.26250	.0024684	.0011452
%RSD	.6411063	.3296794	.3989045	.3917355	.7167627	.2862404
#1	206.4405	.3064005	1.597967	67.05202	.3417778	.3995971
#2	209.0705	.3077284	1.601258	67.24749	.3466896	.4013835
#3	208.1311	.3057442	1.588960	66.72778	.3446629	.3992490

Sample Name: Q1061-10MS Acquired: 1/20/2025 17:08:11 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.5648593	.2377858	F 34.39885	F 10.65460	F 35.19313	.2216614
Stddev	.0010937	.0010225	.16569	.03831	.05699	.0006323
%RSD	.1936297	.4300103	.4816857	.3595979	.1619235	.2852429
#1	.5653773	.2385181	34.31757	10.63688	35.13020	.2223405
#2	.5636027	.2382218	34.58949	10.62836	35.24124	.2215539
#3	.5655977	.2366176	34.28950	10.69857	35.20794	.2210897

Elem	Sr4077
Units	ppm
Avg	1.095937
Stddev	.006179
%RSD	.5637920
#1	1.093156
#2	1.103017
#3	1.091637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.415	51980.03	10704.41	1783.916	3601.941
Stddev	1.355	254.62	39.50	8.732	4.768
%RSD	.0504125	.4898358	.3689747	.4895026	.1323789
#1	2688.575	52225.32	10744.72	1789.065	3600.111
#2	2685.926	51717.01	10665.79	1773.834	3607.353
#3	2687.743	51997.75	10702.72	1788.851	3598.359

Sample Name: Q1061-10MSD Acquired: 1/20/2025 17:12:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8708555	2.042887	1.208026	2.055251	.5455098	27.06961
Stddev	.0025589	.017383	.004415	.008873	.0020475	.01777
%RSD	.2938320	.8509036	.3654978	.4317363	.3753410	.0656277
#1	.8734217	2.024866	1.210402	2.063891	.5475520	27.06211
#2	.8683041	2.044241	1.202932	2.046162	.5434570	27.08990
#3	.8708408	2.059553	1.210745	2.055700	.5455203	27.05683
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9002817	.1844511	.2071861	174.6267	.4858595	.2587751
Stddev	.0017721	.0002379	.0004387	.2021	.0000489	.0005265
%RSD	.1968402	.1289614	.2117168	.1157439	.0100561	.2034685
#1	.8998106	.1846296	.2070408	174.5637	.4858812	.2582823
#2	.8987928	.1841811	.2068385	174.4637	.4858938	.2587132
#3	.9022418	.1845428	.2076789	174.8529	.4858036	.2593299
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4276180	44.89222	9.599943	23.62054	.5943463	.0790090
Stddev	.0016141	.11100	.028076	.05047	.0009158	.0002072
%RSD	.3774695	.2472621	.2924585	.2136659	.1540819	.2622072
#1	.4280650	45.02012	9.605821	23.58016	.5946487	.0791283
#2	.4258274	44.83551	9.569394	23.60435	.5933175	.0791290
#3	.4289614	44.82103	9.624615	23.67712	.5950726	.0787698
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	204.7586	.3063810	1.591138	66.63957	.3471031	.3982836
Stddev	1.7249	.0000409	.004951	.11781	.0021743	.0010865
%RSD	.8424115	.0133467	.3111702	.1767891	.6264137	.2728038
#1	206.7215	.3063848	1.595042	66.73388	.3472008	.3977522
#2	204.0700	.3063384	1.592804	66.67731	.3448816	.3975650
#3	203.4844	.3064199	1.585569	66.50751	.3492269	.3995335

Sample Name: Q1061-10MSD Acquired: 1/20/2025 17:12:27 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.5656580	.2379866	F 34.06117	F 10.71583	F 34.92295	.2235547
Stddev	.0029297	.0003472	.08976	.04373	.11616	.0011005
%RSD	.5179326	.1458759	.2635285	.4080919	.3326314	.4922721
#1	.5650415	.2376473	34.16464	10.68254	34.93347	.2223046
#2	.5630855	.2379714	34.01462	10.69959	34.80188	.2239820
#3	.5688469	.2383411	34.00424	10.76535	35.03349	.2243775

Elem	Sr4077
Units	ppm
Avg	1.097631
Stddev	.016042
%RSD	1.461524
#1	1.111344
#2	1.079990
#3	1.101560

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.059	51917.32	10554.75	1802.032	3613.058
Stddev	2.131	80.86	35.60	4.278	5.955
%RSD	.0789230	.1557402	.3372952	.2373969	.1648078
#1	2701.999	51836.22	10558.02	1797.495	3619.016
#2	2700.399	51997.93	10588.60	1802.611	3613.051
#3	2697.778	51917.82	10517.63	1805.992	3607.107

Sample Name: Q1061-10A Acquired: 1/20/2025 17:16:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.8595740	1.984942	1.196016	2.016445	.5413551	28.13802
Stddev	.0015707	.021321	.004050	.003269	.0013830	.03610
%RSD	.1827278	1.074152	.3386635	.1621224	.2554746	.1283122
#1	.8613218	2.000816	1.192118	2.013688	.5397619	28.11302
#2	.8582808	1.993303	1.195726	2.015591	.5422462	28.17941
#3	.8591192	1.960707	1.200204	2.020056	.5420572	28.12162
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9151983	.1863372	.2056380	176.3253	.4760605	.2575140
Stddev	.0041618	.0013718	.0004717	.5641	.0148466	.0005594
%RSD	.4547459	.7361957	.2293756	.3199148	3.118636	.2172296
#1	.9131977	.1872555	.2051177	176.5324	.4839747	.2569113
#2	.9199826	.1869958	.2057588	176.7567	.4852732	.2580165
#3	.9124145	.1847603	.2060376	175.6870	.4589335	.2576143
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4280376	44.25482	9.732415	23.82108	.5917836	.0759598
Stddev	.0005241	1.19932	.036324	.08777	.0006906	.0024222
%RSD	.1224371	2.710026	.3732300	.3684414	.1166911	3.188759
#1	.4283717	44.77983	9.743929	23.89672	.5920243	.0771267
#2	.4274336	45.10210	9.761587	23.84167	.5910049	.0775777
#3	.4283075	42.88252	9.691729	23.72485	.5923216	.0731751
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.4326	.3108275	1.597553	65.30966	.3495011	.3896833
Stddev	6.0574	.0015291	.048117	1.61377	.0021475	.0008078
%RSD	3.052636	.4919387	3.011900	2.470948	.6144447	.2072966
#1	200.7655	.3097851	1.627216	65.81994	.3505196	.3903025
#2	202.9768	.3125828	1.623407	66.60659	.3509498	.3887696
#3	191.5556	.3101145	1.542036	63.50243	.3470339	.3899779

Sample Name: Q1061-10A Acquired: 1/20/2025 17:16:43 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.5632248	.2968795	F 34.98965	F 10.65249	F 34.35958	.2274697
Stddev	.0010151	.0070515	.84847	.01681	.03268	.0009559
%RSD	.1802254	2.375210	2.424920	.1577726	.0951095	.4202325
#1	.5643864	.2916651	35.30603	10.63345	34.33266	.2272231
#2	.5627796	.2940709	35.63448	10.66526	34.39594	.2285247
#3	.5625084	.3049026	34.02845	10.65875	34.35014	.2266612

Elem	Sr4077
Units	ppm
Avg	1.104432
Stddev	.004998
%RSD	.4525651
#1	1.101590
#2	1.101502
#3	1.110203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.144	53104.91	10432.20	1857.573	3646.587
Stddev	3.276	1435.94	47.25	54.120	8.160
%RSD	.1201989	2.703976	.4529216	2.913499	.2237676
#1	2724.868	52409.87	10400.39	1823.127	3653.963
#2	2728.549	52148.74	10409.73	1829.638	3647.976
#3	2722.015	54756.13	10486.50	1919.952	3637.822

Sample Name: Q1066-02 Acquired: 1/20/2025 17:20:59 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.002488	-.000250	.0017316	-.001467	-.001374	.0485529	.0029789
Stddev	.002554	.000660	.0004457	.001263	.000406	.0022549	.0000952
%RSD	102.6548	263.7170	25.74146	86.12014	29.52664	4.644153	3.194940
#1	-.004796	.000445	.0012177	-.000351	-.001835	.0498856	.0029798
#2	-.002925	-.000869	.0020131	-.002839	-.001075	.0498236	.0030736
#3	.000256	-.000327	.0019639	-.001212	-.001210	.0459494	.0028833
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000754	.0000289	16.50974	.0008342	.0000768	.0704450	.2607924
Stddev	.0000577	.0000351	.05270	.0003991	.0001481	.0003294	.0060297
%RSD	76.59403	121.3188	.3191930	47.83843	192.7486	.4676431	2.312070
#1	.0000131	.0000691	16.57020	.0003963	.0002476	.0700869	.2575322
#2	.0001271	.0000140	16.47351	.0011773	-.000002	.0707353	.2570947
#3	.0000859	.0000038	16.48551	.0009292	-.000015	.0705126	.2677503
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236204	4.382080	.0007761	.0018784	72.46093	.0007186	.2741120
Stddev	.0000717	.023410	.0001262	.0001665	.58172	.0016422	.0006156
%RSD	.3034430	.5342324	16.26424	8.865311	.8027995	228.5256	.2245644
#1	.0235458	4.407459	.0008454	.0017896	71.80735	.0002342	.2748097
#2	.0236887	4.377452	.0006304	.0017751	72.65348	.0025484	.2736456
#3	.0236267	4.361329	.0008523	.0020705	72.92195	-.000627	.2738807
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.707764	.0552564	.0003815	-.000846	.0002239	3.465905	1.079021
Stddev	.042784	.0012487	.0000680	.000157	.0003316	.021584	.001472
%RSD	1.580034	2.259751	17.82889	18.61109	148.0904	.6227567	.1364497
#1	2.658368	.0566982	.0004596	-.000758	-.000084	3.440983	1.080403
#2	2.733132	.0545363	.0003352	-.001028	.000575	3.478197	1.079188
#3	2.731792	.0545346	.0003496	-.000753	.000181	3.478536	1.077472

Sample Name: Q1066-02 Acquired: 1/20/2025 17:20:59 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	4.661220	-.005310	.0592187
Stddev	.002215	.000795	.0001557
%RSD	.0475179	14.97658	.2629328
#1	4.659261	-.005933	.0591074
#2	4.663623	-.004414	.0593966
#3	4.660776	-.005582	.0591520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.459	53532.58	10489.12	1818.260	4009.995
Stddev	7.694	189.17	73.77	4.868	9.197
%RSD	.2848966	.3533728	.7033400	.2677384	.2293494
#1	2705.238	53613.60	10407.37	1822.335	4015.050
#2	2704.555	53667.75	10550.73	1819.576	4015.555
#3	2691.584	53316.40	10509.26	1812.870	3999.379

Sample Name: PB166036BL Acquired: 1/20/2025 17:25:15 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	-.001911	-.002140	-.000706	-.001105	-.000789	-.001859	-.006945
Stddev	.001778	.000397	.000562	.001812	.002507	.005485	.001083
%RSD	93.03682	18.54686	79.55886	163.9946	317.9363	294.9756	15.59339

#1	-.000115	-.001688	-.000270	-.003164	-.001312	-.007378	-.007741
#2	-.001948	-.002300	-.001340	.000246	-.002993	-.001791	-.005712
#3	-.003670	-.002431	-.000508	-.000397	.001939	.003591	-.007382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000819	-.000037	-.000795	-.000259	-.000113	.0002456	.0015809
Stddev	.0000283	.000018	.003643	.000161	.000064	.0002876	.0046224
%RSD	34.60128	47.17182	457.9327	62.21647	56.26733	117.1096	292.3870

#1	.0001146	-.000042	-.003807	-.000435	-.000041	.0005551	.0030622
#2	.0000662	-.000052	.003253	-.000224	-.000138	-.000013	.0052811
#3	.0000648	-.000018	-.001833	-.000118	-.000161	.000195	-.003601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002860	.0037170	-.000096	.0016147	.1105177	-.000568	-.000972
Stddev	.0002910	.0050586	.000050	.0003518	.0091825	.001173	.000262
%RSD	101.7715	136.0935	52.70400	21.78766	8.308669	206.3256	26.93223

#1	.0001454	-.001954	-.000154	.0019102	.1000186	-.001848	-.000995
#2	.0006206	.005341	-.000067	.0017085	.1170506	-.000312	-.000699
#3	.0000919	.007764	-.000067	.0012255	.1144838	.000455	-.001221

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598491	-.004983	-.000040	-.000254	.0003800	.0052335	-.004939
Stddev	.0052304	.000118	.000205	.000295	.0003680	.0109401	.001458
%RSD	8.739338	2.376876	518.9280	115.8529	96.82376	209.0410	29.52796

#1	.0538837	-.004860	-.000262	-.000593	.0001427	.0139554	-.005971
#2	.0620143	-.005096	.000142	-.000118	.0008039	.0087866	-.003271
#3	.0636492	-.004993	.000001	-.000053	.0001935	-.007042	-.005575

Sample Name: PB166036BL Acquired: 1/20/2025 17:25:15 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.0009797	.0017010	-.000052
Stddev	.0049030	.0008100	.000012
%RSD	500.4733	47.61999	23.43768
#1	.0044735	.0024902	-.000039
#2	.0030908	.0017411	-.000055
#3	-.004625	.0008717	-.000063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.901	53273.65	10217.93	1827.498	4154.252
Stddev	4.910	217.05	45.00	6.625	11.508
%RSD	.1798697	.4074235	.4403854	.3625007	.2770140
#1	2725.745	53075.23	10266.57	1820.467	4146.015
#2	2728.640	53240.28	10209.47	1828.406	4149.340
#3	2735.319	53505.46	10177.77	1833.623	4167.400

Sample Name: PB166036BS Acquired: 1/20/2025 17:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.7800548	1.939693	.9307559	1.938946	.7877070	1.825684
Stddev	.0031218	.023843	.0017108	.000762	.0027084	.005777
%RSD	.4002091	1.229208	.1838065	.0392903	.3438312	.3164470
#1	.7764504	1.916835	.9298425	1.938079	.7865473	1.824014
#2	.7819049	1.937833	.9296956	1.939511	.7908021	1.832113
#3	.7818091	1.964411	.9327295	1.939246	.7857715	1.820926
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616773	.1815526	.1849380	.9176426	.3942621	.1865874
Stddev	.0004340	.0015813	.0002261	.0064293	.0009001	.0004314
%RSD	.2684618	.8710003	.1222621	.7006345	.2282998	.2311954
#1	.1612823	.1810976	.1847185	.9103195	.3944650	.1864138
#2	.1621420	.1833115	.1849254	.9223599	.3950435	.1862700
#3	.1616078	.1802487	.1851702	.9202485	.3932779	.1870786
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2970859	2.740093	.1720399	1.780072	.4674163	.0723407
Stddev	.0000927	.005974	.0004545	.019997	.0010478	.0004371
%RSD	.0311908	.2180068	.2641611	1.123388	.2241676	.6042627
#1	.2971918	2.742842	.1716040	1.767969	.4671359	.0728436
#2	.2970459	2.733239	.1725109	1.803154	.4665373	.0720512
#3	.2970199	2.744197	.1720049	1.769094	.4685758	.0721274
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.838652	.2683350	.1973428	9.155148	.2554737	.4033062
Stddev	.035752	.0016638	.0015914	.041905	.0024989	.0002245
%RSD	1.259473	.6200407	.8063979	.4577169	.9781366	.0556750
#1	2.834235	.2673607	.1965176	9.159532	.2544410	.4032265
#2	2.805314	.2702561	.1991773	9.111224	.2583234	.4035597
#3	2.876408	.2673881	.1963335	9.194688	.2536566	.4031324

Sample Name: PB166036BS Acquired: 1/20/2025 17:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2491) 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	.6403894	.1743298	F .6649569	5.231293	F -.014013	.1785379
Stddev	.0023690	.0007669	.0022384	.016640	.002713	.0005487
%RSD	.3699308	.4399131	.3366272	.3180892	19.36251	.3073127
#1	.6380444	.1740407	.6662899	5.220194	-.012317	.1791501
#2	.6403423	.1751993	.6662081	5.223259	-.017142	.1783729
#3	.6427817	.1737495	.6623726	5.250425	-.012579	.1780906

Elem	Sr4077
Units	ppm
Avg	.1720660
Stddev	.0002916
%RSD	.1694833
#1	.1721441
#2	.1723107
#3	.1717433

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.492	53522.47	10018.84	1831.199	4239.927
Stddev	2.558	96.56	84.83	3.723	4.505
%RSD	.0915610	.1804156	.8466858	.2032961	.1062630
#1	2791.183	53498.01	10041.44	1832.078	4243.025
#2	2793.052	53440.50	9924.99	1827.115	4241.998
#3	2796.241	53628.92	10090.07	1834.403	4234.759

Sample Name: CCV07 Acquired: 1/20/2025 17:33:35 Type: Unk
Method: NON EPA-6010-200.7(v2622) 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	4.917330	4.884103	4.777338	5.015526	5.087426	9.668956	9.003143
Stddev	.006243	.005864	.003037	.005987	.004799	.022126	.093147
%RSD	.1269584	.1200680	.0635699	.1193748	.0943368	.2288318	1.034608

#1	4.918366	4.880995	4.780759	5.009737	5.084901	9.694362	8.981320
#2	4.922989	4.890867	4.776293	5.021694	5.092961	9.658581	9.105264
#3	4.910633	4.880446	4.774961	5.015146	5.084417	9.653923	8.922845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341460	2.395129	23.12530	.9867481	2.392865	1.223632	4.592654
Stddev	.0011722	.003016	.03345	.0009876	.002578	.001883	.033687
%RSD	.5006320	.1259141	.1446547	.1000891	.1077297	.1538737	.7335053

#1	.2332336	2.398330	23.10238	.9878310	2.395097	1.222360	4.626183
#2	.2354681	2.394715	23.10984	.9865162	2.393453	1.225795	4.558810
#3	.2337363	2.392341	23.16369	.9858970	2.390044	1.222741	4.592968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.584986	23.32925	2.386688	1.200959	23.84584	2.365118	2.445643
Stddev	.005653	.07423	.003693	.002549	.19205	.002823	.005575
%RSD	.2186866	.3182036	.1547159	.2122258	.8053918	.1193480	.2279668

#1	2.588337	23.24886	2.390671	1.203856	23.99861	2.366053	2.448444
#2	2.578459	23.39520	2.386014	1.199060	23.63024	2.361946	2.449262
#3	2.588161	23.34369	2.383378	1.199960	23.90867	2.367354	2.439223

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.68181	4.597123	5.069118	4.768066	4.580015	4.892880	4.742299
Stddev	.20992	.026319	.003503	.010578	.016616	.043597	.010576
%RSD	.8864388	.5725058	.0691018	.2218614	.3628009	.8910392	.2230246

#1	23.84367	4.575062	5.065936	4.779599	4.592345	4.903607	4.750511
#2	23.44461	4.626255	5.072871	4.765785	4.561119	4.844920	4.746020
#3	23.75715	4.590053	5.068548	4.758815	4.586580	4.930112	4.730364

Sample Name: CCV07 Acquired: 1/20/2025 17:33:35 Type: Unk
Method: NON EPA-6010-200.7(v2622) 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	4.691550	4.607200	4.619538
Stddev	.007182	.015926	.027518
%RSD	.1530914	.3456815	.5956826
#1	4.695290	4.620763	4.590089
#2	4.683269	4.589663	4.623930
#3	4.696090	4.611175	4.644596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.323	52403.91	9626.531	1772.963	3901.297
Stddev	5.281	138.06	52.606	10.238	8.530
%RSD	.1961344	.2634461	.5464670	.5774694	.2186540
#1	2691.962	52245.76	9649.970	1768.042	3895.822
#2	2687.232	52465.58	9566.279	1766.114	3896.944
#3	2697.775	52500.37	9663.342	1784.733	3911.126

Sample Name: CCB07 Acquired: 1/20/2025 17:37:46 Type: Unk
Method: NON EPA-6010-200.7(v2622) 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	-.001431	-.001281	-.000042	.0020994	-.001104	-.003889	-.005667
Stddev	.000740	.000112	.000183	.0002079	.000199	.005404	.000333
%RSD	51.71455	8.741917	440.2643	9.904953	18.01649	138.9494	5.877232

#1	-.001070	-.001158	-.000207	.0018598	-.000885	-.009002	-.005321
#2	-.000941	-.001305	.000155	.0022062	-.001274	.001765	-.005694
#3	-.002282	-.001378	-.000073	.0022322	-.001153	-.004431	-.005986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000858	-.000023	-.003438	-.000125	-.000229	-.000280	.0046693
Stddev	.0000396	.000013	.004277	.000513	.000290	.000148	.0014876
%RSD	46.18252	54.54788	124.4014	411.3852	126.3584	52.92641	31.85816

#1	.0001304	-.000038	-.000899	-.000366	-.000563	-.000235	.0035533
#2	.0000545	-.000017	-.008377	-.000473	-.000041	-.000446	.0063581
#3	.0000727	-.000015	-.001040	.000464	-.000084	-.000160	.0040966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000688	.0060951	-.000105	.0014286	.0579549	-.000535	-.000730
Stddev	.0000604	.0045125	.000329	.0000520	.0182576	.000935	.000050
%RSD	87.93104	74.03483	314.2866	3.636696	31.50315	174.7504	6.901292

#1	.0000780	.0012219	-.000429	.0014793	.0397910	-.000562	-.000787
#2	.0001241	.0101291	.000229	.0013755	.0577688	.000413	-.000691
#3	.0000042	.0069342	-.000114	.0014310	.0763048	-.001456	-.000714

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1120612	.0008125	-.000055	-.000643	.0004532	.0078585	-.004756
Stddev	.0374640	.0002364	.000134	.000776	.0008749	.0080880	.002117
%RSD	33.43171	29.09990	244.2149	120.6642	193.0190	102.9203	44.50701

#1	.0693379	.0010101	.000100	-.001253	.0009024	.0144566	-.002823
#2	.1275416	.0008769	-.000133	.000230	.0010123	-.001165	-.007017
#3	.1393040	.0005505	-.000131	-.000906	-.000555	.010283	-.004426

Sample Name: CCB07 Acquired: 1/20/2025 17:37:46 Type: Unk
Method: NON EPA-6010-200.7(v2622) 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	-.004634	-.000250	.0000130
Stddev	.005803	.000518	.0000610
%RSD	125.2470	207.3980	467.7763
#1	-.010893	-.000143	.0000591
#2	-.003576	-.000813	.0000362
#3	.000568	.000207	-.000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.615	54174.72	10208.19	1871.454	4203.184
Stddev	6.265	107.98	12.95	10.660	6.588
%RSD	.2265428	.1993232	.1268614	.5696024	.1567417
#1	2761.561	54257.26	10222.23	1882.545	4200.957
#2	2772.831	54214.39	10205.64	1870.532	4210.597
#3	2762.452	54052.51	10196.70	1861.286	4197.998

Sample Name: LR1 Acquired: 1/20/2025 17:43:05 Type: Unk
Method: NON EPA-6010-200.7(v2620) 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	.0292147	.1387427	.0409393	-.120667	.0035690	1962.464	.0206386
Stddev	.0061994	.0051425	.0064993	.010784	.0068946	11.036	.0009342
%RSD	21.21999	3.706521	15.87542	8.937027	193.1797	.5623497	4.526402

#1	.0361749	.1365131	.0352176	-.132661	-.004195	1975.076	.0198929
#2	.0242859	.1446238	.0480058	-.111771	.005928	1954.576	.0216864
#3	.0271832	.1350913	.0395945	-.117569	.008975	1957.741	.0203364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081615	-.020582	1735.852	-.002058	.0247039	-.767076	1072.632
Stddev	.0000804	.000667	4.701	.000459	.0005216	.002499	2.782
%RSD	.9849598	3.239943	.2708112	22.29208	2.111230	.3257268	.2593271

#1	.0081923	-.021146	1741.035	-.002587	.0241206	-.769324	1075.841
#2	.0082220	-.019846	1734.658	-.001768	.0251254	-.764386	1070.909
#3	.0080703	-.020753	1731.864	-.001819	.0248656	-.767519	1071.145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058907	1849.483	.0091768	.0283504	1912.295	.0430710	.0634335
Stddev	.000312	2.494	.0003412	.0005302	6.935	.0021670	.0003861
%RSD	.5303634	.1348542	3.717668	1.870139	.3626683	5.031126	.6087185

#1	-.058905	1850.335	.0094700	.0289616	1920.280	.0418218	.0629975
#2	-.059221	1846.675	.0088024	.0280765	1908.822	.0455732	.0637321
#3	-.058596	1851.440	.0092582	.0280132	1907.782	.0418180	.0635710

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1222.537	.5472714	-.008903	.0086658	-.037709	.1560426	.0706066
Stddev	4.762	.0029255	.000670	.0043590	.000584	.0042915	.0021482
%RSD	.3894943	.5345655	7.523348	50.30087	1.547827	2.750245	3.042481

#1	1217.558	.5443916	-.008301	.0056696	-.038242	.1608738	.0722415
#2	1227.047	.5471820	-.008784	.0066613	-.037801	.1545822	.0681736
#3	1223.005	.5502406	-.009625	.0136664	-.037085	.1526718	.0714046

Sample Name: LR1 Acquired: 1/20/2025 17:43:05 Type: Unk
Method: NON EPA-6010-200.7(v2620) 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	-.261743	-.277017	-1.06188
Stddev	.016320	.000545	.00278
%RSD	6.235294	.1967311	.2616398

#1	-.243043	-.276711	-1.06509
#2	-.273117	-.277646	-1.06014
#3	-.269069	-.276693	-1.06042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.855	37736.38	8714.363	1263.703	2435.887
Stddev	1.265	78.13	31.354	4.784	4.190
%RSD	.0666438	.2070438	.3597920	.3785576	.1720211

#1	1898.717	37748.38	8688.225	1269.033	2436.138
#2	1900.183	37807.81	8705.738	1262.295	2439.947
#3	1897.664	37652.94	8749.127	1259.781	2431.577

Sample Name: LR2 Acquired: 1/20/2025 17:48:00 Type: Unk
Method: NON EPA-6010-200.7(v2620) 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	.0093566	-.024079	238.3070	.0059611	-.008396	.0204125	105.3259
Stddev	.0026898	.004444	.4723	.0050900	.000728	.0032256	.9165
%RSD	28.74816	18.45810	.1982107	85.38682	8.671233	15.80221	.8701614

#1	.0123712	-.026115	238.4743	.0066522	-.008695	.0211122	106.3453
#2	.0084969	-.018981	237.7738	.0005609	-.007566	.0232310	105.0624
#3	.0072017	-.027140	238.6729	.0106703	-.008927	.0168945	104.5700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002357	-.006367	.1441117	.0141634	-.027140	260.7461	-.023478
Stddev	.000019	.000157	.0017111	.0000324	.000046	1.3448	.000905
%RSD	.8212023	2.469725	1.187347	.2283835	.1676998	.5157569	3.855796

#1	-.002367	-.006538	.1438609	.0141266	-.027089	260.4195	-.023399
#2	-.002335	-.006228	.1459344	.0141873	-.027177	259.5947	-.022615
#3	-.002369	-.006335	.1425399	.0141762	-.027155	262.2241	-.024420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.89915	-.051248	46.75660	.0038559	.3114426	-.012646	33.88485
Stddev	.51733	.008639	.03893	.0002202	.0135868	.000215	.43314
%RSD	1.152204	16.85776	.0832631	5.711322	4.362547	1.701789	1.278280

#1	45.22947	-.058994	46.73466	.0039855	.3157367	-.012530	34.01111
#2	44.30295	-.041931	46.73360	.0039807	.3223636	-.012894	34.24084
#3	45.16503	-.052819	46.80155	.0036017	.2962276	-.012513	33.40261

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3404457	-.004904	-.008540	-.004424	-.037202	-.014737	1.438780
Stddev	.0299304	.000118	.000215	.000469	.000462	.005875	.009085
%RSD	8.791537	2.414282	2.522897	10.59356	1.241204	39.86643	.6314294

#1	.3657018	-.004964	-.008291	-.004626	-.036888	-.021150	1.435431
#2	.3482486	-.004980	-.008652	-.003889	-.037732	-.013447	1.449064
#3	.3073866	-.004768	-.008676	-.004758	-.036986	-.009614	1.431846

Sample Name: LR2 Acquired: 1/20/2025 17:48:00 Type: Unk
Method: NON EPA-6010-200.7(v2620) 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	-.049700	-.001474	.0013534
Stddev	.003011	.000363	.0000319
%RSD	6.057835	24.62165	2.358824
#1	-.051960	-.001631	.0013897
#2	-.050857	-.001059	.0013298
#3	-.046282	-.001731	.0013407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.740	55278.07	10375.25	1800.494	4106.665
Stddev	2.658	68.55	52.96	3.632	3.599
%RSD	.1054900	.1240058	.5104572	.2017387	.0876293
#1	2518.767	55233.99	10339.16	1801.968	4103.487
#2	2522.748	55243.17	10436.05	1796.356	4110.572
#3	2517.706	55357.04	10350.53	1803.157	4105.934

Sample Name: CCV08 Acquired: 1/20/2025 17:52:42 Type: Unk
Method: NON EPA-6010-200.7(v2623) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949320	4.840743	4.725607	5.075474	5.114265	9.382643
Stddev	.019644	.053745	.013130	.023647	.023674	.006181
%RSD	.3969105	1.110263	.2778573	.4659149	.4629053	.0658814

#1	4.934732	4.859104	4.718009	5.052343	5.089339	9.378329
#2	4.941570	4.780224	4.718043	5.074474	5.117009	9.389725
#3	4.971657	4.882901	4.740768	5.099606	5.136448	9.379876

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51051	.2281230	2.372222	24.23350	.9689638	2.371412
Stddev	.09904	.0013336	.007206	.06143	.0009801	.007254
%RSD	.9423127	.5845831	.3037496	.2534850	.1011538	.3058983

#1	10.42496	.2267984	2.369889	24.16803	.9691626	2.367663
#2	10.48756	.2294654	2.366472	24.28987	.9678995	2.366800
#3	10.61901	.2281054	2.380305	24.24259	.9698294	2.379774

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222409	4.547324	2.527643	22.95487	2.367328	1.192656
Stddev	.003316	.010701	.003570	.13352	.005554	.001629
%RSD	.2712621	.2353360	.1412296	.5816650	.2346204	.1366029

#1	1.219109	4.554446	2.528027	22.80870	2.365873	1.190832
#2	1.222377	4.535017	2.531004	23.07042	2.362646	1.193965
#3	1.225741	4.552507	2.523896	22.98549	2.373465	1.193172

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.53016	2.292258	2.384189	23.68882	4.501996	5.021247
Stddev	.11262	.004134	.004927	.07517	.026701	.016423
%RSD	.4786025	.1803574	.2066366	.3173114	.5930933	.3270694

#1	23.65227	2.288619	2.383570	23.75051	4.473115	5.006981
#2	23.43039	2.291402	2.379600	23.60510	4.525784	5.017560
#3	23.50781	2.296753	2.389395	23.71086	4.507089	5.039200

Sample Name: CCV08 Acquired: 1/20/2025 17:52:42 Type: Unk
Method: NON EPA-6010-200.7(v2623) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.723908	F 4.438332	4.806194	4.707591	4.733646	F 4.442761
Stddev	.018752	.001988	.028109	.010289	.021420	.005870
%RSD	.3969619	.0447912	.5848420	.2185696	.4524990	.1321340
#1	4.717902	4.440105	4.823867	4.697192	4.722877	4.445292
#2	4.708895	4.438710	4.773781	4.707815	4.719748	4.446940
#3	4.744928	4.436183	4.820934	4.717767	4.758313	4.436049

Elem	Sr4077
Units	ppm
Avg	4.507889
Stddev	.014475
%RSD	.3211054
#1	4.499075
#2	4.524595
#3	4.499997

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2702.527	52998.70	9953.191	1799.214	3914.390
Stddev	6.942	108.70	48.498	5.417	8.203
%RSD	.2568545	.2050931	.4872621	.3010780	.2095542
#1	2709.569	53020.51	10007.12	1796.526	3917.232
#2	2702.323	53094.84	9913.17	1805.449	3920.794
#3	2695.690	52880.75	9939.28	1795.667	3905.144

Sample Name: CCB08 Acquired: 1/20/2025 17:56:53 Type: Unk
Method: NON EPA-6010-200.7(v2623) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001518	-.000328	-.000514	-.000945	-.000855	.0004055	-.028374
Stddev	.002231	.001669	.000804	.001708	.001151	.0018493	.000254
%RSD	146.9592	509.6592	156.3326	180.7560	134.6383	456.0301	.8968852

#1	-.004027	.001514	.000368	.000913	-.001773	-.001015	-.028145
#2	-.000767	-.001742	-.000705	-.001301	.000437	-.000265	-.028648
#3	.000241	-.000755	-.001205	-.002446	-.001229	.002497	-.028329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000535	.0000023	-.015154	-.000290	.0000884	.0004869	.0078447
Stddev	.0000268	.0000226	.005589	.000165	.0001402	.0003010	.0001099
%RSD	50.12969	998.9990	36.88230	56.90086	158.6455	61.80731	1.401137

#1	.0000760	-.000012	-.018086	-.000410	.0002332	.0006341	.0078853
#2	.0000608	-.000010	-.018666	-.000359	-.000047	.0006861	.0079285
#3	.0000238	.000028	-.008709	-.000102	.000079	.0001407	.0077203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000536	.0151987	-.000168	.0017028	.1835268	-.000213	-.000944
Stddev	.0002019	.0059842	.000166	.0003166	.0056378	.001459	.000024
%RSD	376.8401	39.37275	98.90626	18.59179	3.071926	684.6269	2.564330

#1	-.000082	.0094596	-.000285	.0014674	.1772618	.001148	-.000934
#2	.000286	.0214010	.000022	.0020627	.1881914	-.001754	-.000971
#3	-.000043	.0147356	-.000241	.0015783	.1851273	-.000033	-.000926

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1307617	-.000831	.0002484	-.000413	.0005312	.0017153	-.003102
Stddev	.0236588	.000233	.0000983	.000266	.0003239	.0038946	.001848
%RSD	18.09307	28.02270	39.57296	64.41725	60.97805	227.0555	59.56571

#1	.1060283	-.000605	.0003609	-.000618	.0002090	.0014710	-.001923
#2	.1330818	-.001071	.0002052	-.000510	.0008569	-.002051	-.005232
#3	.1531750	-.000818	.0001791	-.000112	.0005278	.005726	-.002152

Sample Name: CCB08 Acquired: 1/20/2025 17:56:53 Type: Unk
Method: NON EPA-6010-200.7(v2623) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006489	.0001800	-.000023
Stddev	.002291	.0005169	.000022
%RSD	35.30725	287.1682	94.77502
#1	-.003891	-.000341	-.000031
#2	-.007352	.000692	.000002
#3	-.008222	.000189	-.000040

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.611	55705.71	10682.75	1912.490	4287.751
Stddev	3.545	187.20	33.06	9.746	4.173
%RSD	.1261275	.3360450	.3094430	.5095734	.0973176
#1	2807.680	55912.75	10647.29	1923.051	4283.016
#2	2814.551	55655.99	10712.71	1903.845	4289.346
#3	2809.603	55548.40	10688.26	1910.573	4290.890

LB134431

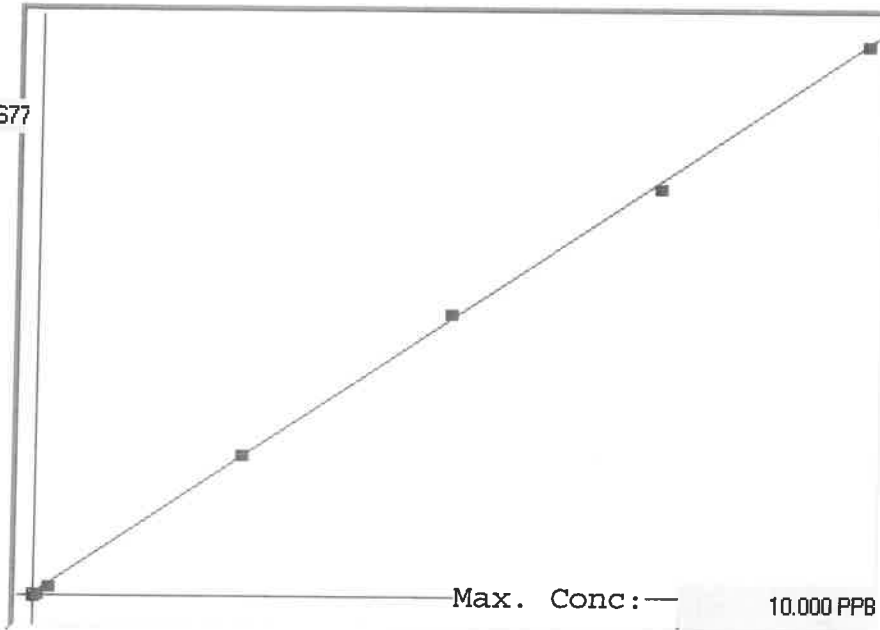
245.1

INSTRUMENT ID: CV1

Linear

μ Abs.:

38677



A= 0.0000e+000

B= 2.5935e-004

C= -3.2280e-002

Rho= 0.9998673

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	4/0/0
0.0	0.000	-0.014	-0.014	69	0.000	69					1
0.05	0.050	0.036	-0.014	265	0.0 %	265	0				-28
0.2	0.200	0.157	-0.043	728	0.0 %	728					-22
2.5	2.500	2.555	0.055	9976	0.0 %	9976					2
5.0	5.000	5.109	0.109	19825	0.0 %	19825					2
7.5	7.500	7.409	-0.091	28691	0.0 %	28691					1
10.0	10.000	9.999	-0.001	38677	0.0 %	38677					0

LB134431 INMSTRUMENT ID : CV1

Method: 245.1

Operator: Admin

Date of Analysis: 27 Jan 2025 14:05:58

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	26	69	-	0.0000	245.1	PPB	27 Jan 2025 14:14:59	S	Std
0.05 - 1	58.165	265	-	0.0500	245.1	PPB	27 Jan 2025 14:17:15	S	Std
0.2 - 1	80.3	728	-	0.2000	245.1	PPB	27 Jan 2025 14:19:35	S	Std
2.5 - 1	32.5	9976	-	2.5000	245.1	PPB	27 Jan 2025 14:21:52	S	Std
5.0 - 1	55	19825	-	5.0000	245.1	PPB	27 Jan 2025 14:24:08	S	Std
7.5 - 1	59.5	28691	-	7.5000	245.1	PPB	27 Jan 2025 14:26:25	S	Std
10.0 - 1	214	38677	-	10.0000	245.1	PPB	27 Jan 2025 14:28:43	S	Std
ICV69 - 1	ICV69	15548	4.0001	-245.1	PPB	PPB	27 Jan 2025 14:37:28	U	SMPL
ICB69 - 1	ICB69	60	-0.0167	-245.1	PPB	PPB	27 Jan 2025 14:39:43	U	SMPL
CCV71 - 1	CCV71	20001	5.1549	-245.1	PPB	PPB	27 Jan 2025 14:41:59	U	SMPL
CCB71 - 1	CCB71	63	-0.0159	-245.1	PPB	PPB	27 Jan 2025 14:44:14	U	SMPL
HighStd - 1	HighStd	38873	10.0493	-245.1	PPB	PPB	27 Jan 2025 14:48:46	U	SMPL
ChkStd - 1	ChkStd	25425	6.5616	-245.1	PPB	PPB	27 Jan 2025 14:51:02	U	SMPL
PB166288BL - 1	PBW	-163	-0.0746	-245.1	PPB	PPB	27 Jan 2025 14:53:20	U	SMPL
Q1066-02 - 1	EFF-WASTE WATER	90	-0.0089	-245.1	PPB	PPB	27 Jan 2025 14:57:54	U	SMPL
Q1066-02DUP - 1	EFF-WASTE WATERDUP	118	-0.0017	-245.1	PPB	PPB	27 Jan 2025 15:00:11	U	SMPL
Q1066-02MS - 1	EFF-WASTE WATERMS	12793	3.2856	-245.1	PPB	PPB	27 Jan 2025 15:05:06	U	SMPL
Q1066-02MSD - 1	EFF-WASTE WATERMSD	13018	3.3439	-245.1	PPB	PPB	27 Jan 2025 15:07:23	U	SMPL
CCV72 - 1	CCV72	19771	5.0953	-245.1	PPB	PPB	27 Jan 2025 15:09:40	U	SMPL
CCB72 - 1	CCB72	12	-0.0292	-245.1	PPB	PPB	27 Jan 2025 15:11:56	U	SMPL
Q1066-02LX5 - 1		-36	-0.0416	-245.1	PPB	PPB	27 Jan 2025 15:14:14	U	SMPL
Q1066-02A - 1		13977	3.5926	-245.1	PPB	PPB	27 Jan 2025 15:16:31	U	SMPL
CRA - 1	CRA	294	0.0440	-245.1	PPB	PPB	27 Jan 2025 15:27:37	U	SMPL
PB166288BS - 1	LCSW	14066	3.6157	-245.1	PPB	PPB	27 Jan 2025 15:32:26	U	SMPL
CCV73 - 1	CCV73	19707	5.0787	-245.1	PPB	PPB	27 Jan 2025 15:36:45	U	SMPL
CCB73 - 1	CCB73	111	-0.0035	-245.1	PPB	PPB	27 Jan 2025 15:39:00	U	SMPL

SOP ID : M200.7-Trace Elements-22

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: 01/13/2025 Time : 10:30 Temp : 95 °C

End Digest Date: 01/13/2025 Time : 13:35 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *S129*

Supervisor Signature: *[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
1:1 HNO3	1.00	MP83498
1:1 HCL	0.50	MP83499
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Hot Block # 1 Cell # 50 Temp: 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/13/25 14:35	<i>S129. met digestion</i>	<i>[Signature]</i>
	Preparation Group	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
PB166036BL	PBW036	<2	50	25	Brown	Colorless	Clear	Clear	N/A	10
PB166036BS	LCS036	<2	50	25	Brown	Colorless	Clear	Clear	M6000,M6009	11
Q1061-01	MW-1	<2	50	25	Brown	Colorless	Clear	Clear	N/A	12
Q1061-02	MW-2	<2	50	25	Brown	Colorless	Clear	Clear	N/A	13
Q1061-03	MW-3	<2	50	25	Brown	Colorless	Clear	Clear	N/A	14
Q1061-04	MW-4	<2	50	25	Brown	Colorless	Clear	Clear	N/A	15
Q1061-05	MW-5	<2	50	25	Brown	Colorless	Clear	Clear	N/A	16
Q1061-06	MW-6	<2	50	25	Brown	Colorless	Clear	Clear	N/A	17
Q1061-07	MW-7	<2	50	25	Brown	Colorless	Clear	Clear	N/A	18
Q1061-08	MW-8	<2	50	25	Brown	Colorless	Clear	Clear	N/A	19
Q1061-09	MW-9	<2	50	25	Brown	Colorless	Clear	Clear	N/A	20
Q1061-10	MW-10	<2	50	25	Brown	Colorless	Clear	Clear	N/A	21
Q1061-10MS	MW-10MS	<2	50	25	Brown	Colorless	Clear	Clear	M6000,M6009	23
Q1061-10MSD	MW-10MSD	<2	50	25	Brown	Colorless	Clear	Clear	M6000,M6009	24
Q1061-10DUP	MW-10DUP	<2	50	25	Brown	Colorless	Clear	Clear	N/A	22
Q1066-02	EFF-WASTE WATER	<2	50	25	Brown	Colorless	Clear	Clear	N/A	25

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB166036

Worklist ID : 186890

Department : Digestion

Date : 01-13-2025 09:42:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1061-01	MW-1	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-02	MW-2	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-03	MW-3	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-04	MW-4	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-05	MW-5	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-06	MW-6	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-07	MW-7	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-08	MW-8	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-09	MW-9	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1061-10	MW-10	Water	Metals ICP-Group 1	1:1 HNO3 to pH < 2	DEWB01		01/09/2025	200.7
Q1066-02	EFF-WASTE WATER	Water	Metals ICP-Group	1:1 HNO3 to pH < 2	ARDM01	M11	01/10/2025	200.7

Date/Time 01/13/25 10:10

Raw Sample Received by: SP2.mct digestion

Raw Sample Relinquished by: SP2

Date/Time 01/13/25 11:10

Raw Sample Received by: SP2

Raw Sample Relinquished by: SP2.mct digestion

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941		
ICV Standard	MP83942		
CCV Standard	MP83945		
ICSA Standard	MP83943,MP83944		
CRI Standard	MP83941		
LCS Standard			
Chk Standard	MP83948,MP83949		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/20/25 10:21		Kareem	OK
2	S1	S1	CAL2	01/20/25 10:26		Kareem	OK
3	S2	S2	CAL3	01/20/25 10:30		Kareem	OK
4	S3	S3	CAL4	01/20/25 10:34		Kareem	OK
5	S4	S4	CAL5	01/20/25 10:39		Kareem	OK
6	S5	S5	CAL6	01/20/25 10:43		Kareem	OK
7	ICV01	ICV01	ICV	01/20/25 10:47	ICV fail Ba, Be, Mg, and Mn	Kareem	OK
8	LLICV01	LLICV01	LLICV	01/20/25 10:53		Kareem	OK
9	ICB01	ICB01	ICB	01/20/25 11:01		Kareem	OK
10	CRI01	CRI01	CRDL	01/20/25 11:06		Kareem	OK
11	ICSA01	ICSA01	ICSA	01/20/25 11:10		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	01/20/25 11:19		Kareem	OK
13	ICSADL	ICSADL	ICSA	01/20/25 11:23		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	01/20/25 11:27		Kareem	OK
15	CCV01	CCV01	CCV	01/20/25 11:31		Kareem	OK
16	CCB01	CCB01	CCB	01/20/25 11:36		Kareem	OK
17	Q1092-02	428	SAM	01/20/25 11:41		Kareem	OK
18	Q1092-03	429	SAM	01/20/25 11:45		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941		
ICV Standard	MP83942		
CCV Standard	MP83945		
ICSA Standard	MP83943,MP83944		
CRI Standard	MP83941		
LCS Standard			
Chk Standard	MP83948,MP83949		

19	Q1096-01	D3746	SAM	01/20/25 11:49		Kareem	OK
20	Q1115-01	366	SAM	01/20/25 11:54		Kareem	OK
21	Q1115-04	VNJ-214	SAM	01/20/25 11:58		Kareem	OK
22	Q1115-07	72-11995	SAM	01/20/25 12:02		Kareem	OK
23	Q1115-10	VNJ-213	SAM	01/20/25 12:06		Kareem	OK
24	Q1115-02	366	SAM	01/20/25 12:10		Kareem	OK
25	Q1115-05	VNJ-214	SAM	01/20/25 12:15		Kareem	OK
26	Q1115-08	72-11995	SAM	01/20/25 12:19		Kareem	OK
27	CCV02	CCV02	CCV	01/20/25 12:29		Kareem	OK
28	CCB02	CCB02	CCB	01/20/25 12:33		Kareem	OK
29	Q1115-11	VNJ-213	SAM	01/20/25 12:37	,	Kareem	OK
30	PB166109BL	PB166109BL	MB	01/20/25 12:51		Kareem	OK
31	PB166068TB	PB166068TB	MB	01/20/25 12:55		Kareem	OK
32	PB166067TB	PB166067TB	MB	01/20/25 13:00		Kareem	OK
33	PB166109BS	PB166109BS	LCS	01/20/25 13:04	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE 0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
34	Q1119-01	FILTER CAKE	SAM	01/20/25 13:08		Kareem	OK
35	Q1119-01DUP	FILTER CAKEDUP	DUP	01/20/25 13:13		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941
ICV Standard	MP83942
CCV Standard	MP83945
ICSA Standard	MP83943,MP83944
CRI Standard	MP83941
LCS Standard	
Chk Standard	MP83948,MP83949

36	Q1119-01L	FILTER CAKEL	SD	01/20/25 13:17		Kareem	OK
37	Q1119-01MS	FILTER CAKEMS	MS	01/20/25 13:21	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
38	Q1119-01MSD	FILTER CAKEMSD	MSD	01/20/25 13:25	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
39	CCV03	CCV03	CCV	01/20/25 13:35		Kareem	OK
40	CCB03	CCB03	CCB	01/20/25 13:39		Kareem	OK
41	Q1119-01A	FILTER CAKEA	PS	01/20/25 13:43	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
42	Q1103-01	VNJ-241	SAM	01/20/25 13:47		Kareem	OK
43	Q1110-01	BIN-1	SAM	01/20/25 13:51		Kareem	OK
44	Q1115-01DUP	366DUP	DUP	01/20/25 13:55		Kareem	OK
45	Q1115-01L	366L	SD	01/20/25 14:00		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941
ICV Standard	MP83942
CCV Standard	MP83945
ICSA Standard	MP83943,MP83944
CRI Standard	MP83941
LCS Standard	
Chk Standard	MP83948,MP83949

46	Q1115-01MS	366MS	MS	01/20/25 14:04	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
47	Q1115-01MSD	366MSD	MSD	01/20/25 14:08	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
48	Q1115-01A	366A	PS	01/20/25 14:12	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
49	Q1118-01	OK-01-1-16-2025	SAM	01/20/25 14:16		Kareem	OK
50	PB166095BL	PB166095BL	MB	01/20/25 14:20		Kareem	OK
51	CCV04	CCV04	CCV	01/20/25 14:38		Kareem	OK
52	CCB04	CCB04	CCB	01/20/25 14:43		Kareem	OK
53	PB166095BS	PB166095BS	LCS	01/20/25 14:47	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
54	Q1113-01	DSN002	SAM	01/20/25 14:51		Kareem	OK
55	Q1113-01DUP	DSN002DUP	DUP	01/20/25 14:55		Kareem	OK
56	Q1113-01L	DSN002L	SD	01/20/25 15:00		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941
ICV Standard	MP83942
CCV Standard	MP83945
ICSA Standard	MP83943,MP83944
CRI Standard	MP83941
LCS Standard	
Chk Standard	MP83948,MP83949

57	Q1113-01MS	DSN002MS	MS	01/20/25 15:04	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
58	Q1113-01MSD	DSN002MSD	MSD	01/20/25 15:08	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
59	Q1113-01A	DSN002A	PS	01/20/25 15:12	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
60	Q1113-03	DSN001	SAM	01/20/25 15:16		Kareem	OK
61	Q1113-05	DSN003	SAM	01/20/25 15:21		Kareem	OK
62	PB166102BL	PB166102BL	MB	01/20/25 15:25		Kareem	OK
63	CCV05	CCV05	CCV	01/20/25 15:37		Kareem	OK
64	CCB05	CCB05	CCB	01/20/25 15:41		Kareem	OK
65	PB166102BS	PB166102BS	LCS	01/20/25 15:46	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
66	Q1061-01	MW-1	SAM	01/20/25 15:50		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941		
ICV Standard	MP83942		
CCV Standard	MP83945		
ICSA Standard	MP83943,MP83944		
CRI Standard	MP83941		
LCS Standard			
Chk Standard	MP83948,MP83949		

67	Q1061-02	MW-2	SAM	01/20/25 15:54		Kareem	OK
68	Q1061-03	MW-3	SAM	01/20/25 15:58		Kareem	OK
69	Q1061-04	MW-4	SAM	01/20/25 16:03		Kareem	OK
70	Q1061-05	MW-5	SAM	01/20/25 16:07		Kareem	OK
71	Q1061-06	MW-6	SAM	01/20/25 16:12		Kareem	OK
72	Q1061-07	MW-7	SAM	01/20/25 16:16		Kareem	OK
73	Q1061-08	MW-8	SAM	01/20/25 16:21		Kareem	OK
74	Q1061-09	MW-9	SAM	01/20/25 16:25		Kareem	OK
75	CCV06	CCV06	CCV	01/20/25 16:47		Kareem	OK
76	CCB06	CCB06	CCB	01/20/25 16:50		Kareem	OK
77	Q1061-10	MW-10	SAM	01/20/25 16:55		Kareem	OK
78	Q1061-10DUP	MW-10DUP	DUP	01/20/25 16:59		Kareem	OK
79	Q1061-10L	MW-10L	SD	01/20/25 17:03		Kareem	OK
80	Q1061-10MS	MW-10MS	MS	01/20/25 17:08	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
81	Q1061-10MSD	MW-10MSD	MSD	01/20/25 17:12	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 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 # LB134350

Review By	kareem	Review On	1/21/2025 11:18:00 AM
Supervise By	jaswal	Supervise On	1/23/2025 10:15:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP83935,MP83936,MP83937,MP83938,MP83939,MP83941
ICV Standard	MP83942
CCV Standard	MP83945
ICSA Standard	MP83943,MP83944
CRI Standard	MP83941
LCS Standard	
Chk Standard	MP83948,MP83949

82	Q1061-10A	MW-10A	PS	01/20/25 17:16	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
83	Q1066-02	EFF-WASTE WATER	SAM	01/20/25 17:20		Kareem	OK
84	PB166036BL	PB166036BL	MB	01/20/25 17:25		Kareem	OK
85	PB166036BS	PB166036BS	LCS	01/20/25 17:29	0.1 OF M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE0.1 of M6010 AND M6001 WERE ADDED TO 10 ML OF THE SAMPLE	Kareem	OK
86	CCV07	CCV07	CCV	01/20/25 17:33		Kareem	OK
87	CCB07	CCB07	CCB	01/20/25 17:37		Kareem	OK
88	LR1	LR1	HIGH STD	01/20/25 17:43		Kareem	OK
89	LR2	LR2	HIGH STD	01/20/25 17:48		Kareem	OK
90	CCV08	CCV08	CCV	01/20/25 17:52		Kareem	OK
91	CCB08	CCB08	CCB	01/20/25 17:56		Kareem	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134431

Review By	jaswal	Review On	1/27/2025 10:17:14 PM
Supervise By	mohan	Supervise On	1/27/2025 10:18:03 PM

STD. NAME	STD REF.#
ICAL Standard	MP84188,MP84189,MP84190,MP84191,MP84192,MP84193,MP84194
ICV Standard	MP84195
CCV Standard	MP84197
ICSA Standard	
CRI Standard	MP84199
LCS Standard	
Chk Standard	MP84196,MP84198,MP84200,MP84202

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/27/25 14:14		Mohan	OK
2	S0.05	S0.05	CAL2	01/27/25 14:17		Mohan	OK
3	S0.2	S0.2	CAL3	01/27/25 14:19		Mohan	OK
4	S2.5	S2.5	CAL4	01/27/25 14:21		Mohan	OK
5	S5	S5	CAL5	01/27/25 14:24		Mohan	OK
6	S7.5	S7.5	CAL6	01/27/25 14:26		Mohan	OK
7	S10	S10	CAL7	01/27/25 14:28		Mohan	OK
8	ICV69	ICV69	ICV	01/27/25 14:37		Mohan	OK
9	ICB69	ICB69	ICB	01/27/25 14:39		Mohan	OK
10	CCV71	CCV71	CCV	01/27/25 14:41		Mohan	OK
11	CCB71	CCB71	CCB	01/27/25 14:44		Mohan	OK
12	HighStd	HighStd	HIGH STD	01/27/25 14:48		Mohan	OK
13	ChkStd	ChkStd	SAM	01/27/25 14:51		Mohan	OK
14	PB166288BL	PB166288BL	MB	01/27/25 14:53		Mohan	OK
15	Q1066-02	EFF-WASTE WATER	SAM	01/27/25 14:57		Mohan	OK
16	Q1066-02DUP	EFF-WASTE WATER	DUP	01/27/25 15:00		Mohan	OK
17	Q1066-02MS	EFF-WASTE WATER	MS	01/27/25 15:05		Mohan	OK
18	Q1066-02MSD	EFF-WASTE WATER	MSD	01/27/25 15:07		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134431

Review By	jaswal	Review On	1/27/2025 10:17:14 PM
Supervise By	mohan	Supervise On	1/27/2025 10:18:03 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84188,MP84189,MP84190,MP84191,MP84192,MP84193,MP84194		
ICV Standard	MP84195		
CCV Standard	MP84197		
ICSA Standard			
CRI Standard	MP84199		
LCS Standard			
Chk Standard	MP84196,MP84198,MP84200,MP84202		

19	CCV72	CCV72	CCV	01/27/25 15:09		Mohan	OK
20	CCB72	CCB72	CCB	01/27/25 15:11		Mohan	OK
21	Q1066-02L	EFF-WASTE WATER	SD	01/27/25 15:14		Mohan	OK
22	Q1066-02A	EFF-WASTE WATER	PS	01/27/25 15:16		Mohan	OK
23	CRA	CRA	CRDL	01/27/25 15:27		Mohan	OK
24	PB166288BS	PB166288BS	LCS	01/27/25 15:32		Mohan	OK
25	CCV73	CCV73	CCV	01/27/25 15:36		Mohan	OK
26	CCB73	CCB73	CCB	01/27/25 15:39		Mohan	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Ardmore

ADDRESS: 29 Riverside Ave Bg #14

CITY Newark STATE NJ ZIP 07104

ATTENTION: Michael Sharphouse

PHONE: 973 481 2406 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): STANDARD 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 _____

VOA CN SVOP BOD/TSS Metals

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	EFF Waste water			X	1/10/25	12:15		X	X								
2.	EFF Waste Water		X		1/10/25	12:15				X	X	X					
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: 1. <i>[Signature]</i>	DATE/TIME: 1/10/25 11:45	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME: 1-10-25 12:52	RECEIVED BY: 2. <i>[Signature]</i>	Comments: <i>IF GUN #1</i>
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: 3. <i>[Signature]</i>	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field SamplingShipment 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 : Q1066	ARDM01	Order Date : 1/10/2025 12:15:00 PM	Project Mgr :
Client Name : Ardmore Chemical		Project Name : PVSC Monthly 2024	Report Type : Level 1
Client Contact : Michael Sharphouse		Receive DateTime : 1/10/2025 12:52:00 PM	EDD Type : NONE
Invoice Name : Ardmore Chemical		Purchase Order :	Hard Copy Date :
Invoice Contact : Michael Sharphouse			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1066-01	EFF-WASTE WATER	Water	01/10/2025	10:15	VOC-PP		624.1		10 Bus. Days

Relinquished By :

Date / Time : 1-10-25 1330

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room