

Cover Page

Order ID : Q1627

Project ID : DOT Harper Street Yard - North Side

Client : Tully Construction Co., Inc.

Lab Sample Number

Q1627-01

Client Sample Number

GRID-LINE-1.2-NORTH

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: 3/27/2025

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 #: Q1627

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: MAHESH PATEL

Date: 03/27/2025

LAB CHRONICLE

OrderID:	Q1627	OrderDate:	3/21/2025 1:34:14 PM
Client:	Tully Construction Co., Inc.	Project:	DOT Harper Street Yard - North Side
Contact:	Dean Devoe	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1627-01	GRID-LINE-1.2-NORT H	TCLP			03/20/25			03/21/25
			TCLP ICP Metals	6010D		03/25/25	03/26/25	
			TCLP Mercury	7470A		03/25/25	03/26/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q1627

Order ID: Q1627

Client: Tully Construction Co., Inc.

Project ID: DOT Harper Street Yard - North Side

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GRID-LINE-1.2-NORTH							
Q1627-01	GRID-LINE-1.2-NORTH	TCLP	Barium	784		62.8	500	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	03/20/25
Project:	DOT Harper Street Yard - North Side	Date Received:	03/21/25
Client Sample ID:	GRID-LINE-1.2-NORTH	SDG No.:	Q1627
Lab Sample ID:	Q1627-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7440-39-3	Barium	784		1	62.8	500	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	03/25/25 12:16	03/26/25 09:09	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/25/25 12:05	03/26/25 12:10	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
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
ICV61	Mercury	4.07	4.0	102	90 - 110	CV	03/26/2025	08:36	LB135183

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
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
CCV60	Mercury	5.02	5.0	100	90 - 110	CV	03/26/2025	08:41	LB135183
CCV61	Mercury	4.82	5.0	96	90 - 110	CV	03/26/2025	09:19	LB135183
CCV62	Mercury	4.76	5.0	95	90 - 110	CV	03/26/2025	09:41	LB135183
CCV63	Mercury	4.71	5.0	94	90 - 110	CV	03/26/2025	09:53	LB135183

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. SDG No.: Q1627
Contract: TULL02 Lab Code: CHEM Case No.: Q1627 SAS No.: Q1627
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	1030	1000	103	90 - 110	P	03/26/2025	11:04	LB135196
	Barium	486	520	94	90 - 110	P	03/26/2025	11:04	LB135196
	Cadmium	508	510	100	90 - 110	P	03/26/2025	11:04	LB135196
	Chromium	537	520	103	90 - 110	P	03/26/2025	11:04	LB135196
	Lead	1000	1000	100	90 - 110	P	03/26/2025	11:04	LB135196
	Selenium	1070	1000	107	90 - 110	P	03/26/2025	11:04	LB135196
	Silver	259	250	104	90 - 110	P	03/26/2025	11:04	LB135196

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.3	20.0	107	80 - 120	P	03/26/2025	11:14	LB135196
	Barium	91.3	100	91	80 - 120	P	03/26/2025	11:14	LB135196
	Cadmium	5.68	6.0	95	80 - 120	P	03/26/2025	11:14	LB135196
	Chromium	10.3	10.0	103	80 - 120	P	03/26/2025	11:14	LB135196
	Lead	11.1	12.0	92	80 - 120	P	03/26/2025	11:14	LB135196
	Selenium	18.4	20.0	92	80 - 120	P	03/26/2025	11:14	LB135196
	Silver	10.6	10.0	106	80 - 120	P	03/26/2025	11:14	LB135196

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5000	5000	100	90 - 110	P	03/26/2025	11:35	LB135196
	Barium	9880	10000	99	90 - 110	P	03/26/2025	11:35	LB135196
	Cadmium	2480	2500	99	90 - 110	P	03/26/2025	11:35	LB135196
	Chromium	1010	1000	101	90 - 110	P	03/26/2025	11:35	LB135196
	Lead	4970	5000	99	90 - 110	P	03/26/2025	11:35	LB135196
	Selenium	5000	5000	100	90 - 110	P	03/26/2025	11:35	LB135196
	Silver	1240	1250	100	90 - 110	P	03/26/2025	11:35	LB135196
CCV02	Arsenic	4970	5000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Barium	9370	10000	94	90 - 110	P	03/26/2025	12:41	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	12:41	LB135196
	Chromium	998	1000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Lead	4790	5000	96	90 - 110	P	03/26/2025	12:41	LB135196
	Selenium	5020	5000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Silver	1230	1250	99	90 - 110	P	03/26/2025	12:41	LB135196
CCV03	Arsenic	4940	5000	99	90 - 110	P	03/26/2025	13:35	LB135196
	Barium	9480	10000	95	90 - 110	P	03/26/2025	13:35	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	13:35	LB135196
	Chromium	991	1000	99	90 - 110	P	03/26/2025	13:35	LB135196
	Lead	4800	5000	96	90 - 110	P	03/26/2025	13:35	LB135196
	Selenium	4990	5000	100	90 - 110	P	03/26/2025	13:35	LB135196
	Silver	1230	1250	98	90 - 110	P	03/26/2025	13:35	LB135196
CCV04	Arsenic	5010	5000	100	90 - 110	P	03/26/2025	14:30	LB135196
	Barium	9410	10000	94	90 - 110	P	03/26/2025	14:30	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	14:30	LB135196
	Chromium	985	1000	98	90 - 110	P	03/26/2025	14:30	LB135196
	Lead	4780	5000	96	90 - 110	P	03/26/2025	14:30	LB135196
	Selenium	5080	5000	102	90 - 110	P	03/26/2025	14:30	LB135196
	Silver	1220	1250	98	90 - 110	P	03/26/2025	14:30	LB135196
CCV05	Arsenic	5010	5000	100	90 - 110	P	03/26/2025	15:02	LB135196
	Barium	9320	10000	93	90 - 110	P	03/26/2025	15:02	LB135196
	Cadmium	2390	2500	95	90 - 110	P	03/26/2025	15:02	LB135196
	Chromium	996	1000	100	90 - 110	P	03/26/2025	15:02	LB135196
	Lead	4760	5000	95	90 - 110	P	03/26/2025	15:02	LB135196
	Selenium	5080	5000	102	90 - 110	P	03/26/2025	15:02	LB135196

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1230	1250	99	90 - 110	P	03/26/2025	15:02	LB135196
CCV06	Arsenic	5000	5000	100	90 - 110	P	03/26/2025	15:54	LB135196
	Barium	9540	10000	95	90 - 110	P	03/26/2025	15:54	LB135196
	Cadmium	2420	2500	97	90 - 110	P	03/26/2025	15:54	LB135196
	Chromium	998	1000	100	90 - 110	P	03/26/2025	15:54	LB135196
	Lead	4840	5000	97	90 - 110	P	03/26/2025	15:54	LB135196
	Selenium	5070	5000	102	90 - 110	P	03/26/2025	15:54	LB135196
	Silver	1250	1250	100	90 - 110	P	03/26/2025	15:54	LB135196
CCV07	Arsenic	5150	5000	103	90 - 110	P	03/26/2025	16:43	LB135196
	Barium	9480	10000	95	90 - 110	P	03/26/2025	16:43	LB135196
	Cadmium	2460	2500	98	90 - 110	P	03/26/2025	16:43	LB135196
	Chromium	1020	1000	102	90 - 110	P	03/26/2025	16:43	LB135196
	Lead	4890	5000	98	90 - 110	P	03/26/2025	16:43	LB135196
	Selenium	5250	5000	105	90 - 110	P	03/26/2025	16:43	LB135196
	Silver	1270	1250	102	90 - 110	P	03/26/2025	16:43	LB135196
CCV08	Arsenic	5140	5000	103	90 - 110	P	03/26/2025	17:35	LB135196
	Barium	9450	10000	94	90 - 110	P	03/26/2025	17:35	LB135196
	Cadmium	2450	2500	98	90 - 110	P	03/26/2025	17:35	LB135196
	Chromium	1020	1000	102	90 - 110	P	03/26/2025	17:35	LB135196
	Lead	4860	5000	97	90 - 110	P	03/26/2025	17:35	LB135196
	Selenium	5210	5000	104	90 - 110	P	03/26/2025	17:35	LB135196
	Silver	1260	1250	101	90 - 110	P	03/26/2025	17:35	LB135196
CCV09	Arsenic	5230	5000	105	90 - 110	P	03/26/2025	17:59	LB135196
	Barium	9590	10000	96	90 - 110	P	03/26/2025	17:59	LB135196
	Cadmium	2490	2500	100	90 - 110	P	03/26/2025	17:59	LB135196
	Chromium	1040	1000	104	90 - 110	P	03/26/2025	17:59	LB135196
	Lead	4940	5000	99	90 - 110	P	03/26/2025	17:59	LB135196
	Selenium	5320	5000	106	90 - 110	P	03/26/2025	17:59	LB135196
	Silver	1280	1250	102	90 - 110	P	03/26/2025	17:59	LB135196



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
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
CRA	Mercury	0.17	0.2	85	40 - 160	CV	03/26/2025	08:48	LB135183
CRI01	Arsenic	19.5	20.0	97	40 - 160	P	03/26/2025	11:22	LB135196
	Barium	88.3	100	88	40 - 160	P	03/26/2025	11:22	LB135196
	Cadmium	5.73	6.0	96	40 - 160	P	03/26/2025	11:22	LB135196
	Chromium	10.1	10.0	101	40 - 160	P	03/26/2025	11:22	LB135196
	Lead	10.9	12.0	91	40 - 160	P	03/26/2025	11:22	LB135196
	Selenium	19.6	20.0	98	40 - 160	P	03/26/2025	11:22	LB135196
	Silver	11.0	10.0	110	40 - 160	P	03/26/2025	11:22	LB135196



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB61	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	08:38	LB135183

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB60	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	08:43	LB135183
CCB61	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:21	LB135183
CCB62	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:44	LB135183
CCB63	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:55	LB135183

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	11:18	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	11:18	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	11:18	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	11:18	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	11:18	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	11:18	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	11:18	LB135196

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.		SDG No.: Q1627							
Contract: TULL02	Lab Code: CHEM	Case No.: Q1627	SAS No.: Q1627						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	11:53	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	11:53	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	11:53	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	11:53	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	11:53	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	11:53	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	11:53	LB135196
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	12:45	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	12:45	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	12:45	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	12:45	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	12:45	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	12:45	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	12:45	LB135196
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	13:39	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	13:39	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	13:39	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	13:39	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	13:39	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	13:39	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	13:39	LB135196
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	14:34	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	14:34	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	14:34	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	14:34	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	14:34	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	14:34	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	14:34	LB135196
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	15:07	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	15:07	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	15:07	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	15:07	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	15:07	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	15:07	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	15:07	LB135196
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	15:58	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	15:58	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	15:58	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	15:58	LB135196

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	15:58	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	15:58	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	15:58	LB135196
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	16:48	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	16:48	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	16:48	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	16:48	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	16:48	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	16:48	LB135196
CCB08	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	16:48	LB135196
	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	17:39	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	17:39	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	17:39	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	17:39	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	17:39	LB135196
CCB09	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	17:39	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	17:39	LB135196
	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	18:04	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	18:04	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	18:04	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	18:04	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	18:04	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	18:04	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	18:04	LB135196

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167275TB		WATER		Batch Number:	PB167309		Prep Date:	03/25/2025	
	Mercury	2.00	<2.00	U	2.00	CV	03/26/2025	09:46	LB135183
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167309BL		WATER		Batch Number:	PB167309		Prep Date:	03/25/2025	
	Mercury	0.20	<0.20	U	0.20	CV	03/26/2025	09:03	LB135183

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167275TB		WATER		Batch Number:	PB167307		Prep Date:	03/25/2025	
	Arsenic	100	<100	U	100	P	03/26/2025	11:57	LB135196
	Barium	500	<500	U	500	P	03/26/2025	11:57	LB135196
	Cadmium	30.0	<30.0	U	30.0	P	03/26/2025	11:57	LB135196
	Chromium	50.0	<50.0	U	50.0	P	03/26/2025	11:57	LB135196
	Lead	60.0	<60.0	U	60.0	P	03/26/2025	11:57	LB135196
	Selenium	100	<100	U	100	P	03/26/2025	11:57	LB135196
	Silver	50.0	<50.0	U	50.0	P	03/26/2025	11:57	LB135196
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167307BL		WATER		Batch Number:	PB167307		Prep Date:	03/25/2025	
	Arsenic	100	<100	U	100	P	03/26/2025	13:31	LB135196
	Barium	500	<500	U	500	P	03/26/2025	13:31	LB135196
	Cadmium	30.0	<30.0	U	30.0	P	03/26/2025	13:31	LB135196
	Chromium	50.0	<50.0	U	50.0	P	03/26/2025	13:31	LB135196
	Lead	60.0	<60.0	U	60.0	P	03/26/2025	13:31	LB135196
	Selenium	100	<100	U	100	P	03/26/2025	13:31	LB135196
	Silver	50.0	<50.0	U	50.0	P	03/26/2025	13:31	LB135196

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	4.64			-20	20	03/26/2025	11:27	LB135196
	Barium	0.78	6.0	13	-94	106	03/26/2025	11:27	LB135196
	Cadmium	-2.74	1.0	274	-5	7	03/26/2025	11:27	LB135196
	Chromium	57.2	52.0	110	42	62	03/26/2025	11:27	LB135196
	Lead	11.8			-12	12	03/26/2025	11:27	LB135196
	Selenium	-16.2			-20	20	03/26/2025	11:27	LB135196
	Silver	-0.98			-10	10	03/26/2025	11:27	LB135196
ICSAB01	Arsenic	110	104	106	88.4	120	03/26/2025	11:31	LB135196
	Barium	483	537	90	437	637	03/26/2025	11:31	LB135196
	Cadmium	1020	972	105	826	1120	03/26/2025	11:31	LB135196
	Chromium	579	542	107	460	624	03/26/2025	11:31	LB135196
	Lead	58.7	49.0	120	37	61	03/26/2025	11:31	LB135196
	Selenium	35.0	46.0	76	26	66	03/26/2025	11:31	LB135196
	Silver	205	201	102	170	232	03/26/2025	11:31	LB135196



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1627
contract: TULL02 **lab code:** CHEM **case no.:** Q1627 **sas no.:** Q1627
matrix: Water **sample id:** Q1636-20 **client id:** WC-5MS
Percent Solids for Sample: NA **Spiked ID:** Q1636-20MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3900		100	U	4000	98		P
Barium	ug/L	75 - 125	3010		1850		1000	117		P
Cadmium	ug/L	75 - 125	933		30.0	U	1000	93		P
Chromium	ug/L	75 - 125	1960		50.0	U	2000	98		P
Lead	ug/L	75 - 125	4440		60.0	U	5000	89		P
Mercury	ug/L	75 - 125	35.0		2.00	U	40.0	88		CV
Selenium	ug/L	75 - 125	9680		100	U	10000	97		P
Silver	ug/L	75 - 125	369		50.0	U	380	97		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1627
contract: TULL02 **lab code:** CHEM **case no.:** Q1627 **sas no.:** Q1627
matrix: Water **sample id:** Q1636-20 **client id:** WC-5MSD
Percent Solids for Sample: NA **Spiked ID:** Q1636-20MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3950		100	U	4000	99		P
Barium	ug/L	75 - 125	2980		1850		1000	114		P
Cadmium	ug/L	75 - 125	941		30.0	U	1000	94		P
Chromium	ug/L	75 - 125	1980		50.0	U	2000	99		P
Lead	ug/L	75 - 125	4430		60.0	U	5000	89		P
Mercury	ug/L	75 - 125	38.0		2.00	U	40.0	95		CV
Selenium	ug/L	75 - 125	9870		100	U	10000	99		P
Silver	ug/L	75 - 125	369		50.0	U	380	97		P

Metals

- 5b -

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627 **SAS No.:** Q1627

Matrix: _____

Level: LOW

Client ID: _____

Sample ID: _____

Spiked ID: _____

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

.....

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
Matrix: Water **Sample ID:** Q1636-20 **Client ID:** WC-5DUP
Percent Solids for Sample: NA **Duplicate ID** Q1636-20DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1850		1850		0		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1627 **SAS No.:** Q1627
Matrix: Water **Sample ID:** Q1636-20MS **Client ID:** WC-5MSD
Percent Solids for Sample: NA **Duplicate ID** Q1636-20MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3900		3950		1		P
Barium	ug/L	20	3010		2980		1		P
Cadmium	ug/L	20	933		941		1		P
Chromium	ug/L	20	1960		1980		1		P
Lead	ug/L	20	4440		4430		0		P
Mercury	ug/L	20	35.0		38.0		8		CV
Selenium	ug/L	20	9680		9870		2		P
Silver	ug/L	20	369		369		0		P



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

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc. SDG No.: Q1627
Contract: TULL02 Lab Code: CHEM Case No.: Q1627 SAS No.: Q1627

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167307BS							
Arsenic	ug/L	4000	3800		95	80 - 120	P
Barium	ug/L	1000	824		82	80 - 120	P
Cadmium	ug/L	1000	901		90	80 - 120	P
Chromium	ug/L	2000	1950		98	80 - 120	P
Lead	ug/L	5000	4450		89	80 - 120	P
Selenium	ug/L	10000	9730		97	80 - 120	P
Silver	ug/L	380	362		95	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167309BS Mercury	ug/L	4.0	3.83		96	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WC-5L

Lab Name: Chemtech Consulting Group

Contract: TULL02

Lab Code: CHEM **Lb No.:** lb135196 **Lab Sample ID :** Q1636-20L **SDG No.:** Q1627

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	1850		1750	J	5		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1627

Contract: TULL02

Lab Code: CHEM

Case No.: Q1627

SAS No.: Q1627

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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



METAL PREPARATION & ANALYTICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Method:**
Case No.: Q1627 **SAS No.:** Q1627

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167307							
PB167275TB	PB167275TB	MB	WATER	03/25/2025	5.0	25.0	
PB167307BL	PB167307BL	MB	WATER	03/25/2025	5.0	25.0	
PB167307BS	PB167307BS	LCS	WATER	03/25/2025	5.0	25.0	
Q1627-01	GRID-LINE-1.2-NORTH	SAM	WATER	03/25/2025	5.0	25.0	
Q1636-20DUP	WC-5DUP	DUP	WATER	03/25/2025	5.0	25.0	
Q1636-20MS	WC-5MS	MS	WATER	03/25/2025	5.0	25.0	
Q1636-20MSD	WC-5MSD	MSD	WATER	03/25/2025	5.0	25.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1627
Contract: TULL02 **Lab Code:** CHEM **Method:**
Case No.: Q1627 **SAS No.:** Q1627

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167309							
PB167275TB	PB167275TB	MB	WATER	03/25/2025	3.0	30.0	
PB167309BL	PB167309BL	MB	WATER	03/25/2025	30.0	30.0	
PB167309BS	PB167309BS	LCS	WATER	03/25/2025	30.0	30.0	
Q1627-01	GRID-LINE-1.2-NORTH	SAM	WATER	03/25/2025	3.0	30.0	
Q1636-20DUP	WC-5DUP	DUP	WATER	03/25/2025	3.0	30.0	
Q1636-20MS	WC-5MS	MS	WATER	03/25/2025	3.0	30.0	
Q1636-20MSD	WC-5MSD	MSD	WATER	03/25/2025	3.0	30.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Tully Construction Co., Inc.

Contract: TULL02

Lab code: CHEM **Case no.:** Q1627 **Sas no.:** Q1627

Sdg no.: Q1627

Instrument id number: **Method:**

Run number: LB135183

Start date: 03/26/2025 **End date:** 03/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0820	HG
S0.2	S0.2	1	0822	HG
S2.5	S2.5	1	0826	HG
S5	S5	1	0829	HG
S7.5	S7.5	1	0831	HG
S10	S10	1	0833	HG
ICV61	ICV61	1	0836	HG
ICB61	ICB61	1	0838	HG
CCV60	CCV60	1	0841	HG
CCB60	CCB60	1	0843	HG
CRA	CRA	1	0848	HG
PB167309BL	PB167309BL	1	0903	HG
PB167309BS	PB167309BS	1	0905	HG
Q1627-01	GRID-LINE-1.2-NORTH	1	0909	HG
CCV61	CCV61	1	0919	HG
CCB61	CCB61	1	0921	HG
Q1636-20DUP	WC-5DUP	1	0934	HG
Q1636-20MS	WC-5MS	1	0937	HG
Q1636-20MSD	WC-5MSD	1	0939	HG
CCV62	CCV62	1	0941	HG
CCB62	CCB62	1	0944	HG
PB167275TB	PB167275TB	1	0946	HG
Q1636-20L	WC-5L	5	0948	HG
CCV63	CCV63	1	0953	HG
CCB63	CCB63	1	0955	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Tully Construction Co., Inc. **Contract:** TULL02

Lab code: CHEM **Case no.:** Q1627 **Sas no.:** Q1627 **Sdg no.:** Q1627

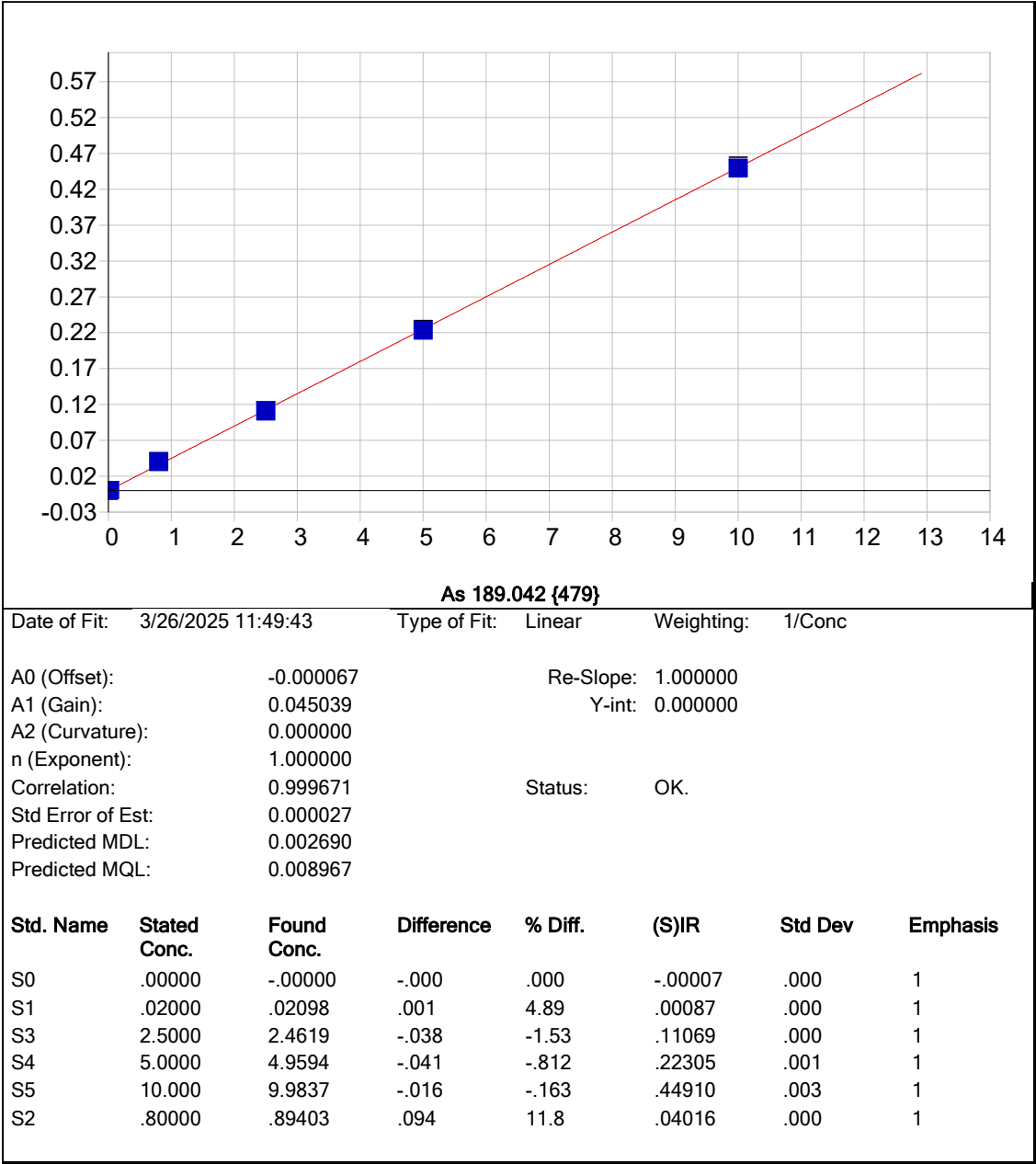
Instrument id number: **Method:** **Run number:** LB135196

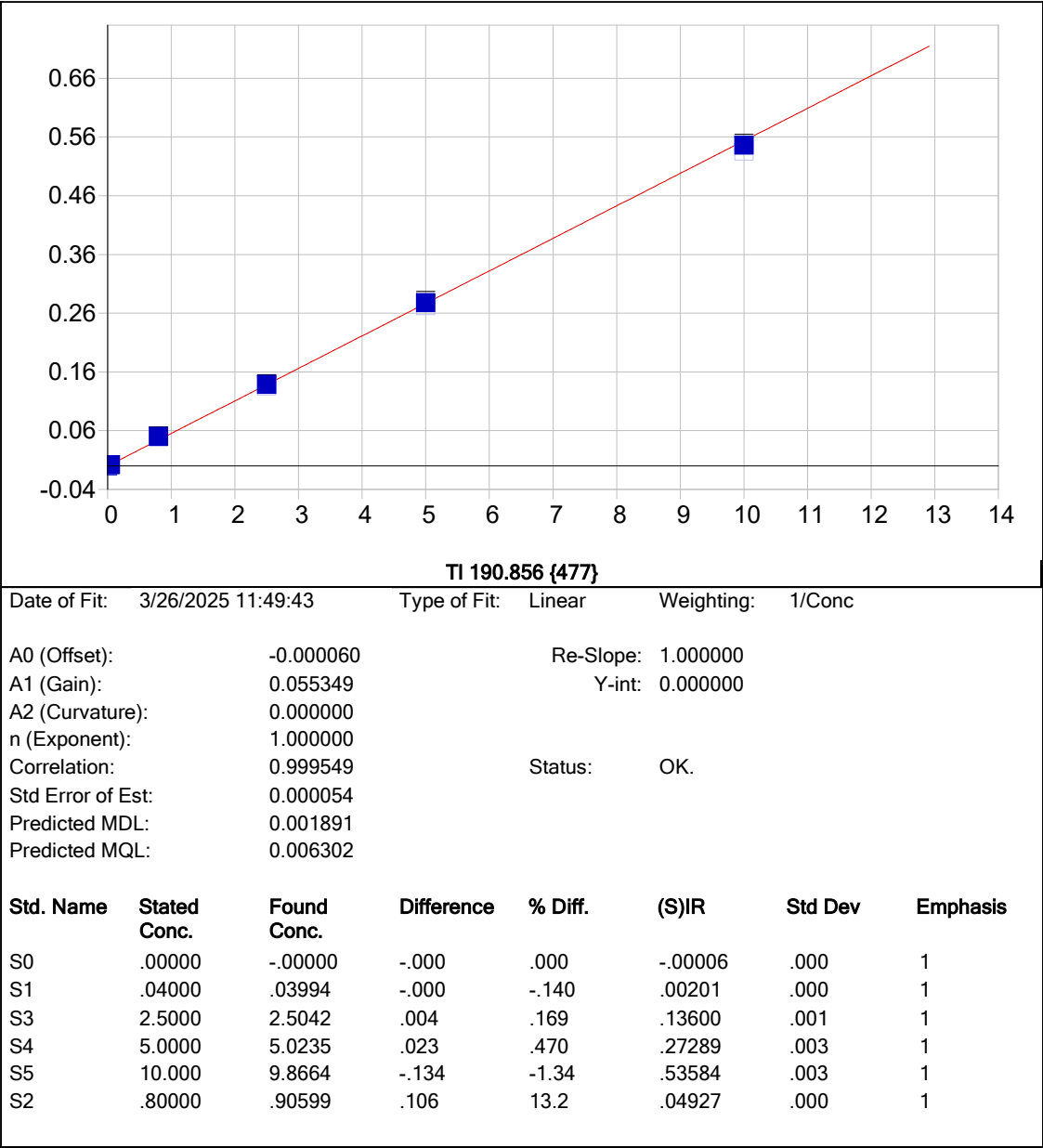
Start date: 03/26/2025 **End date:** 03/26/2025

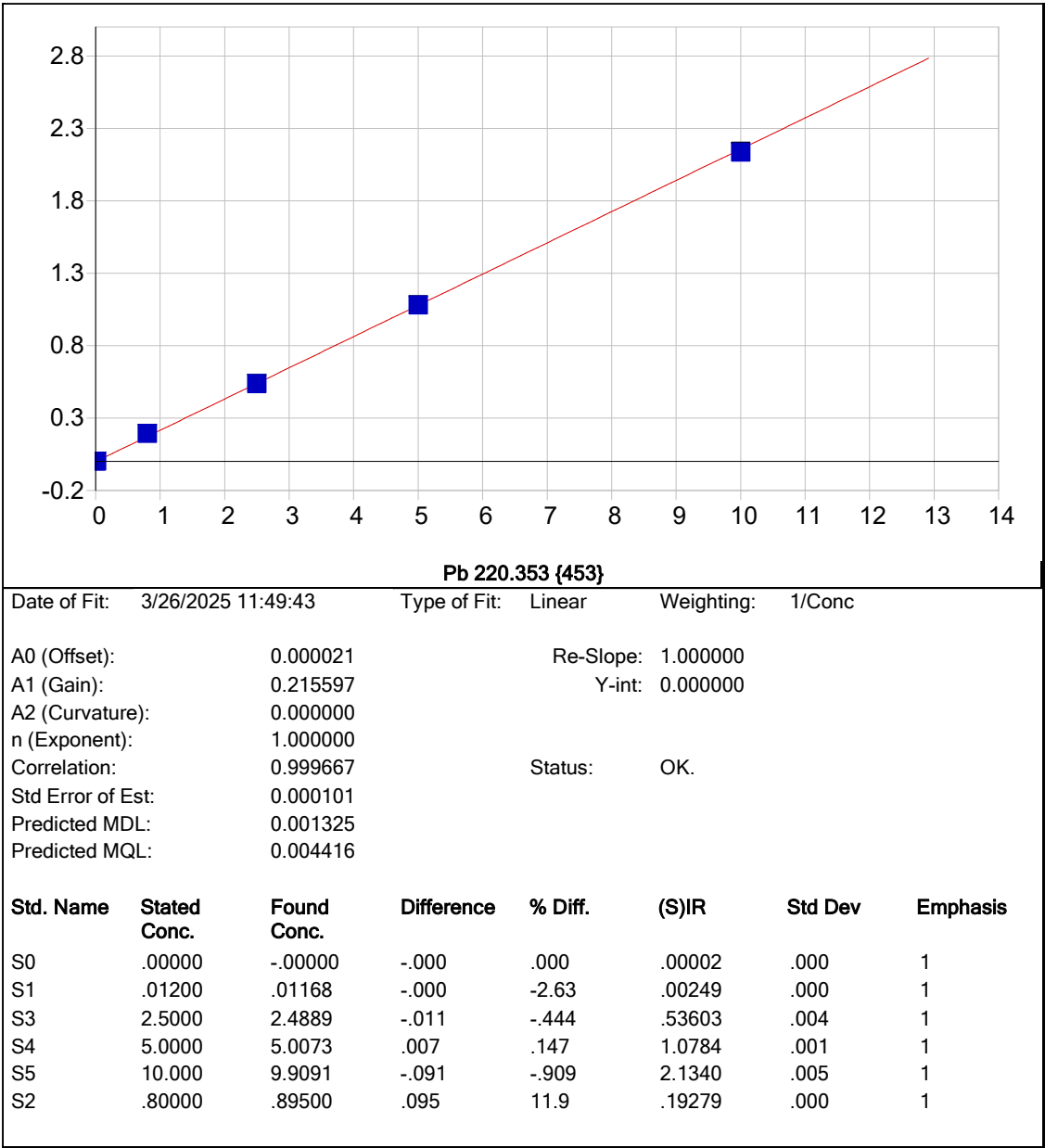
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1038	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1043	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1047	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1051	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1055	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1059	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1114	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1118	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1122	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1127	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1131	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1135	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1153	Ag,As,Ba,Cd,Cr,Pb,Se
PB167275TB	PB167275TB	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
Q1627-01	GRID-LINE-1.2-NORTH	1	1210	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20DUP	WC-5DUP	1	1309	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20L	WC-5L	5	1314	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20MS	WC-5MS	1	1318	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20MSD	WC-5MSD	1	1322	Ag,As,Ba,Cd,Cr,Pb,Se
PB167307BL	PB167307BL	1	1331	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1335	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
PB167307BS	PB167307BS	1	1344	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1434	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1507	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1554	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1558	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1648	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1739	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1759	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1804	Ag,As,Ba,Cd,Cr,Pb,Se

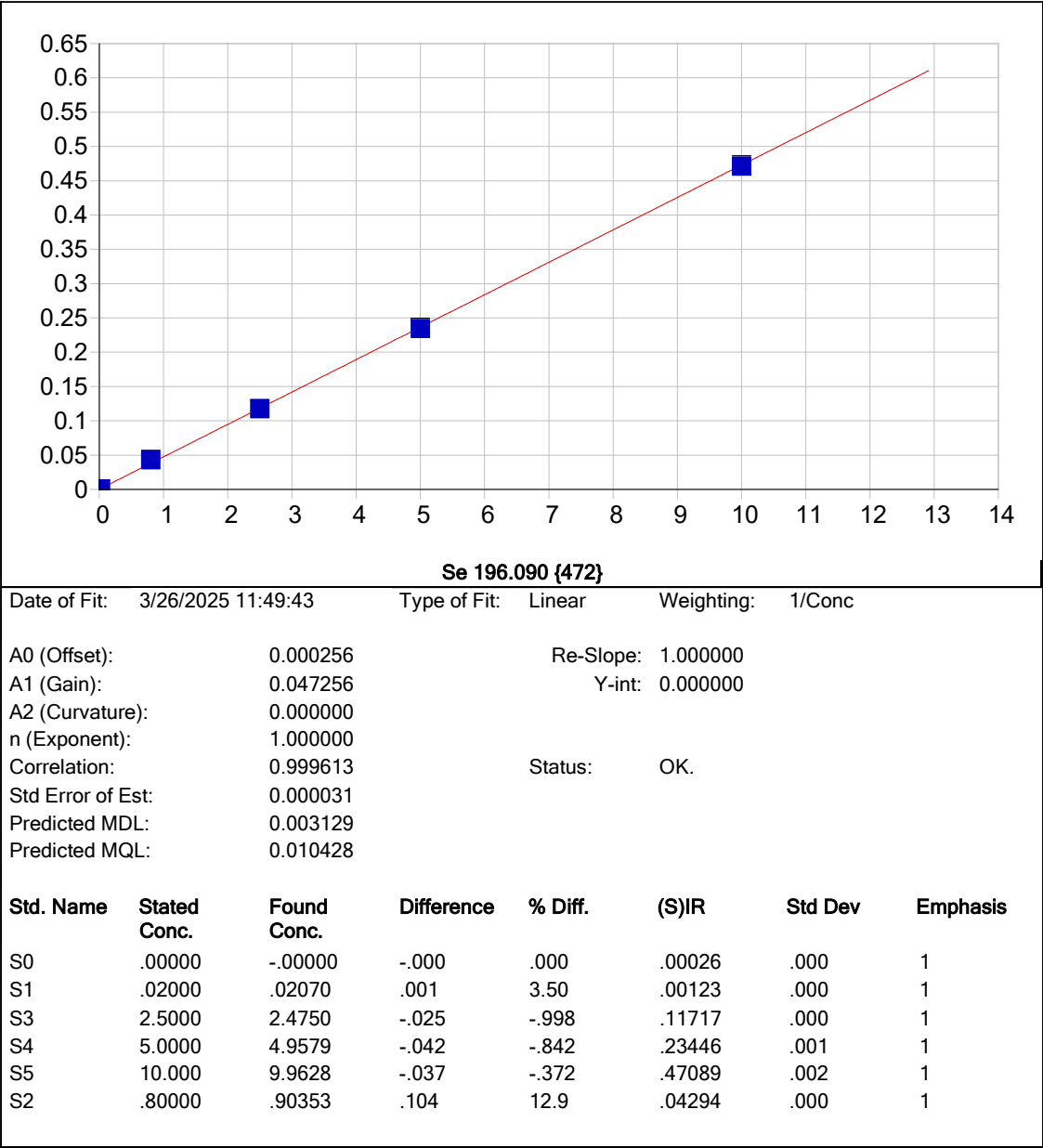


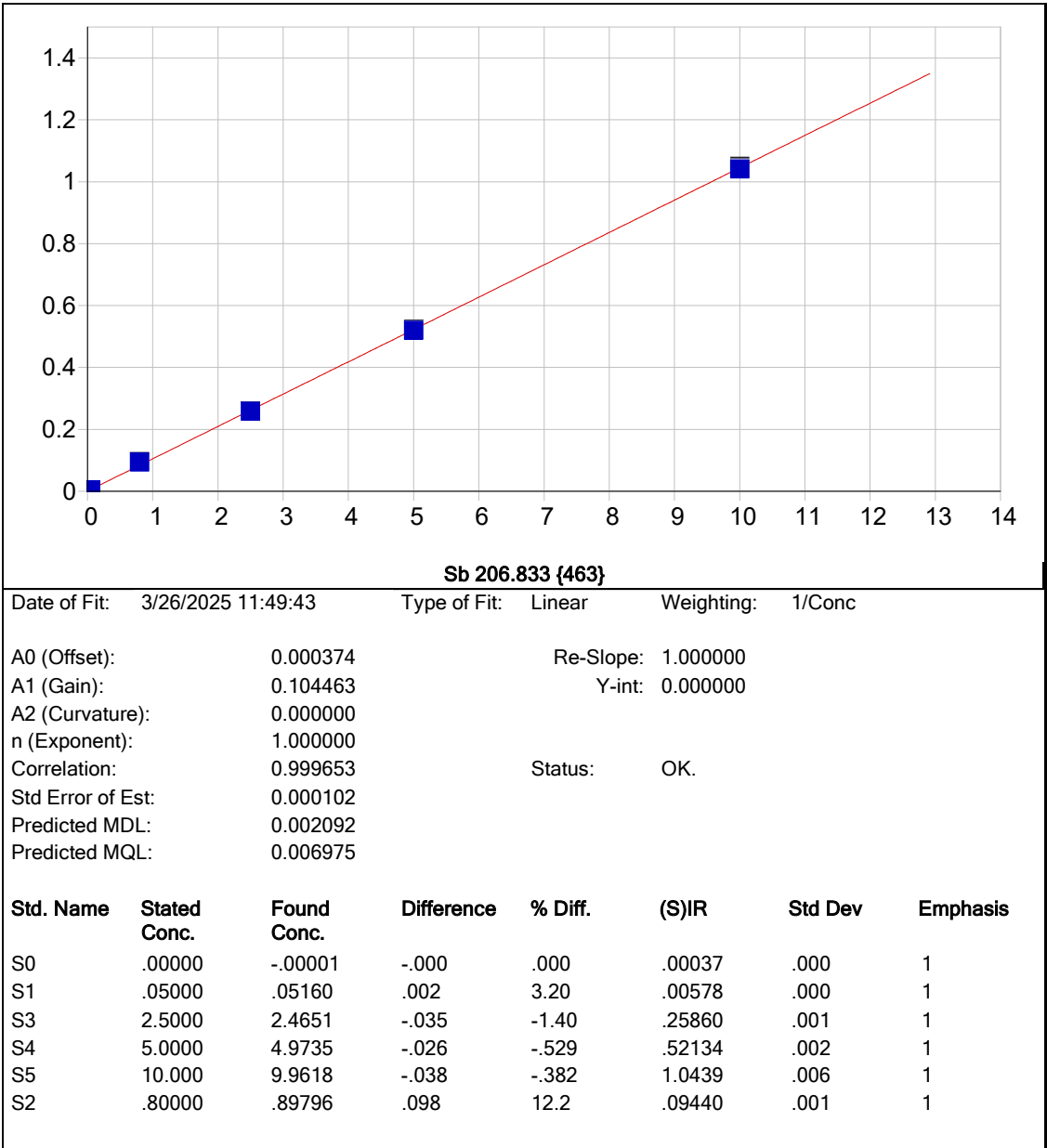
METAL RAW DATA

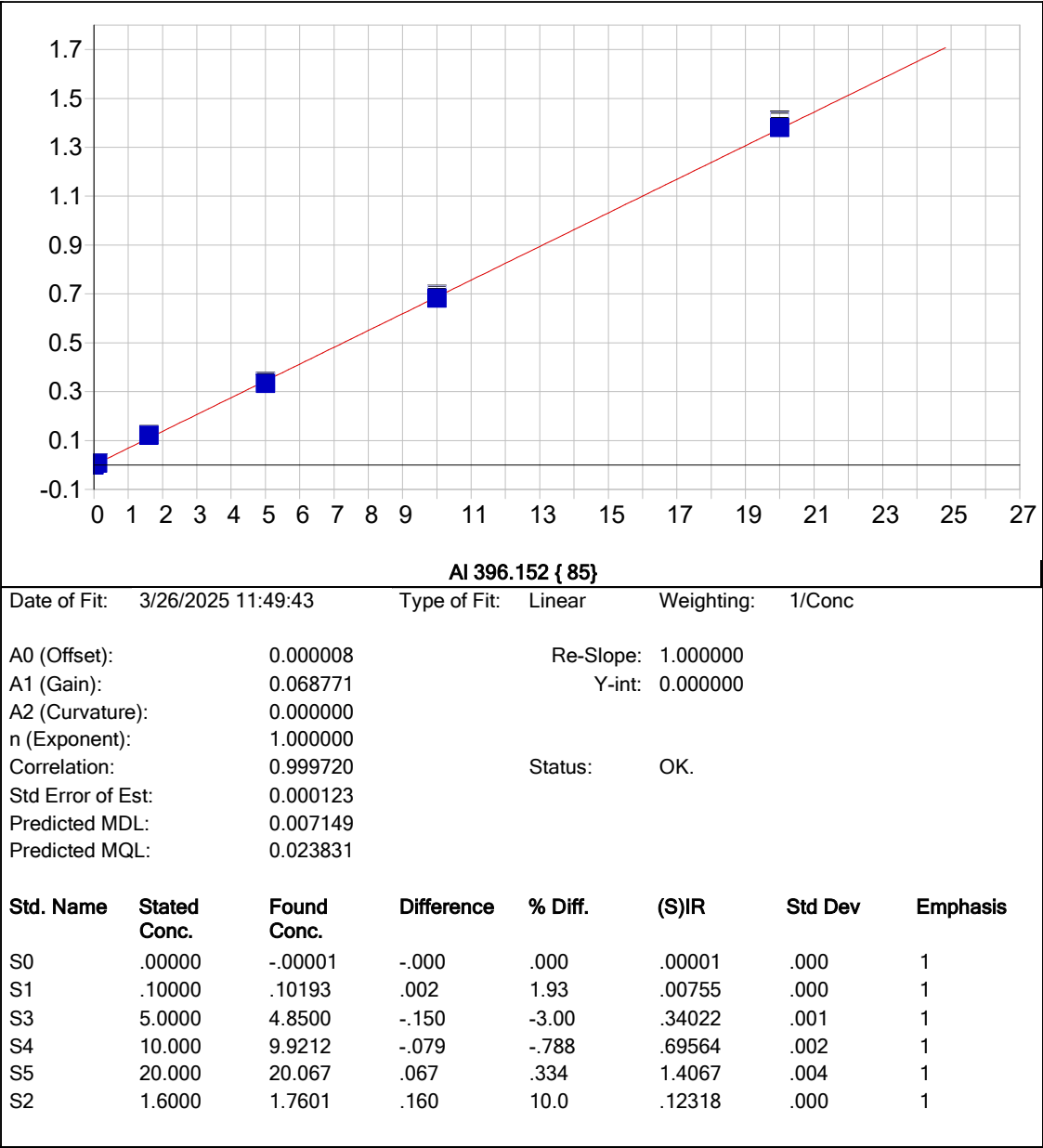


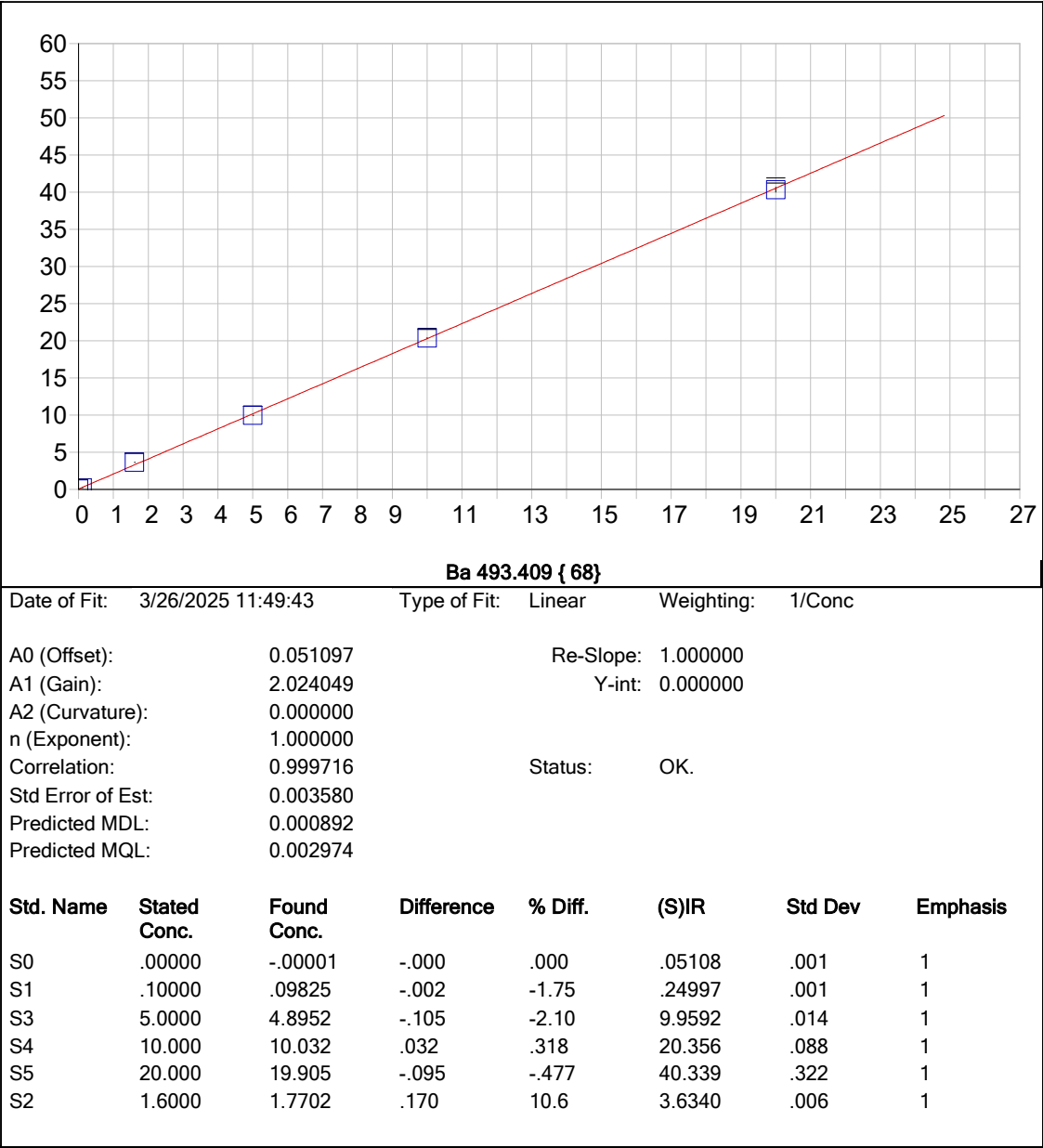


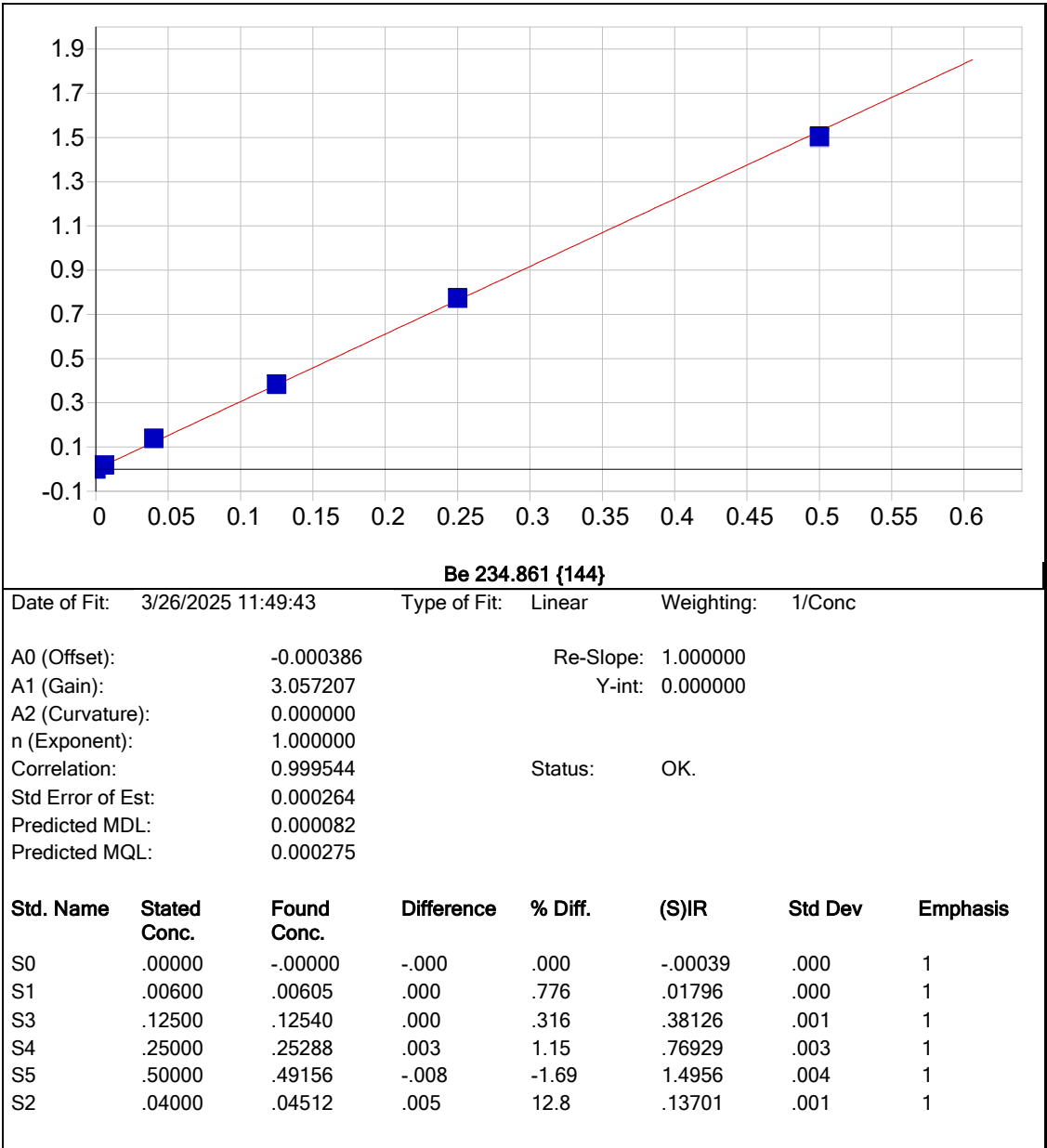


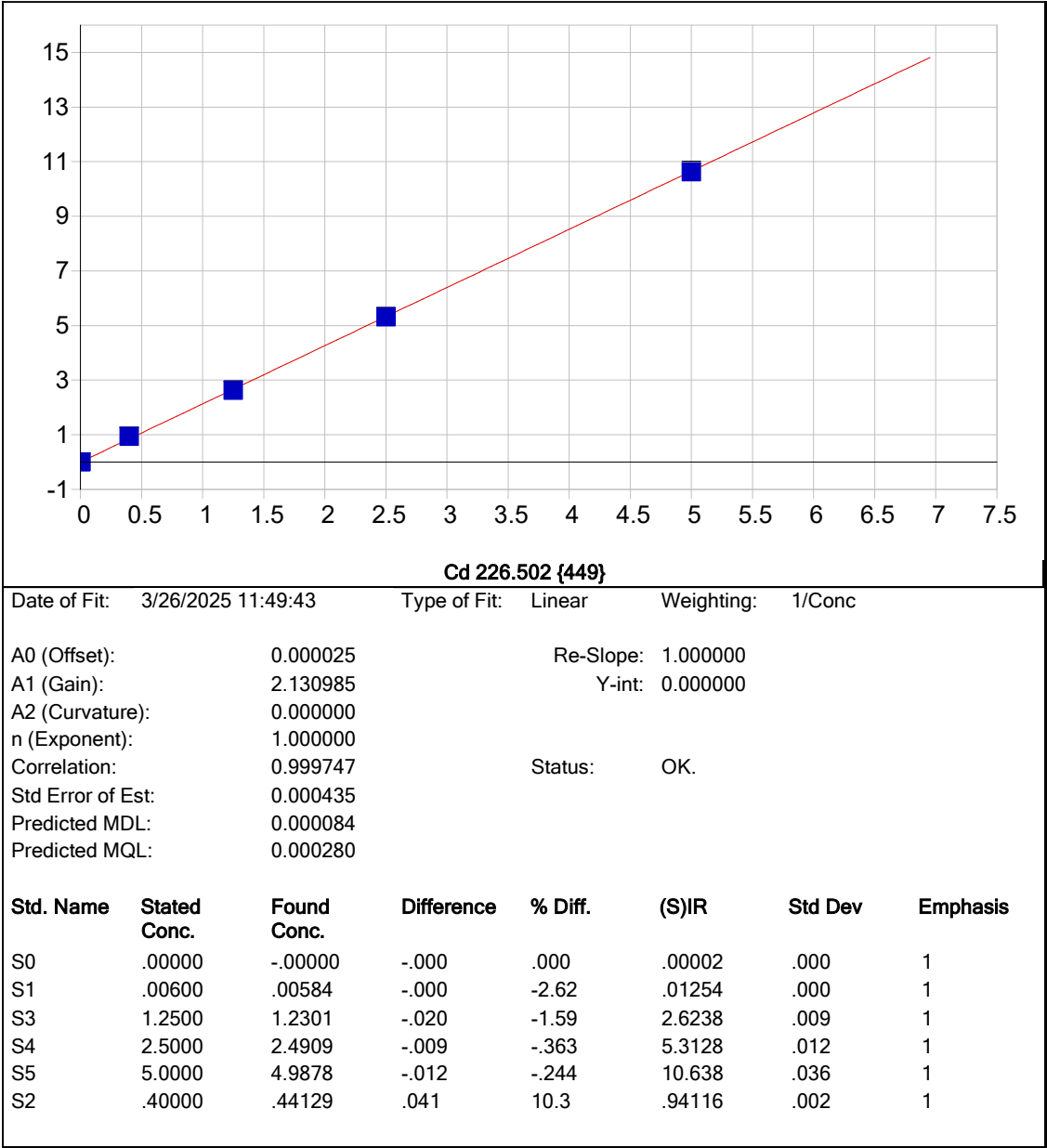


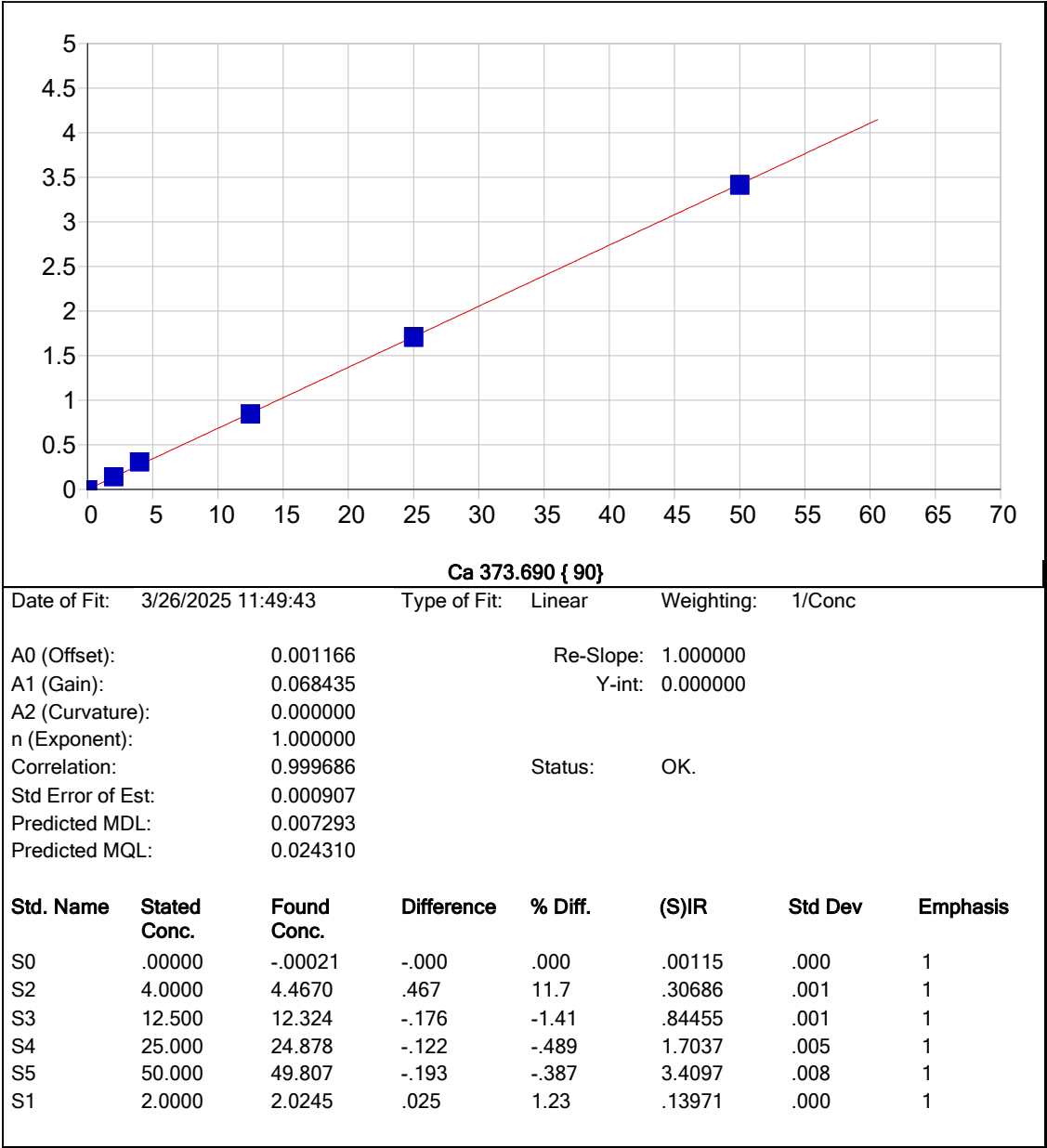


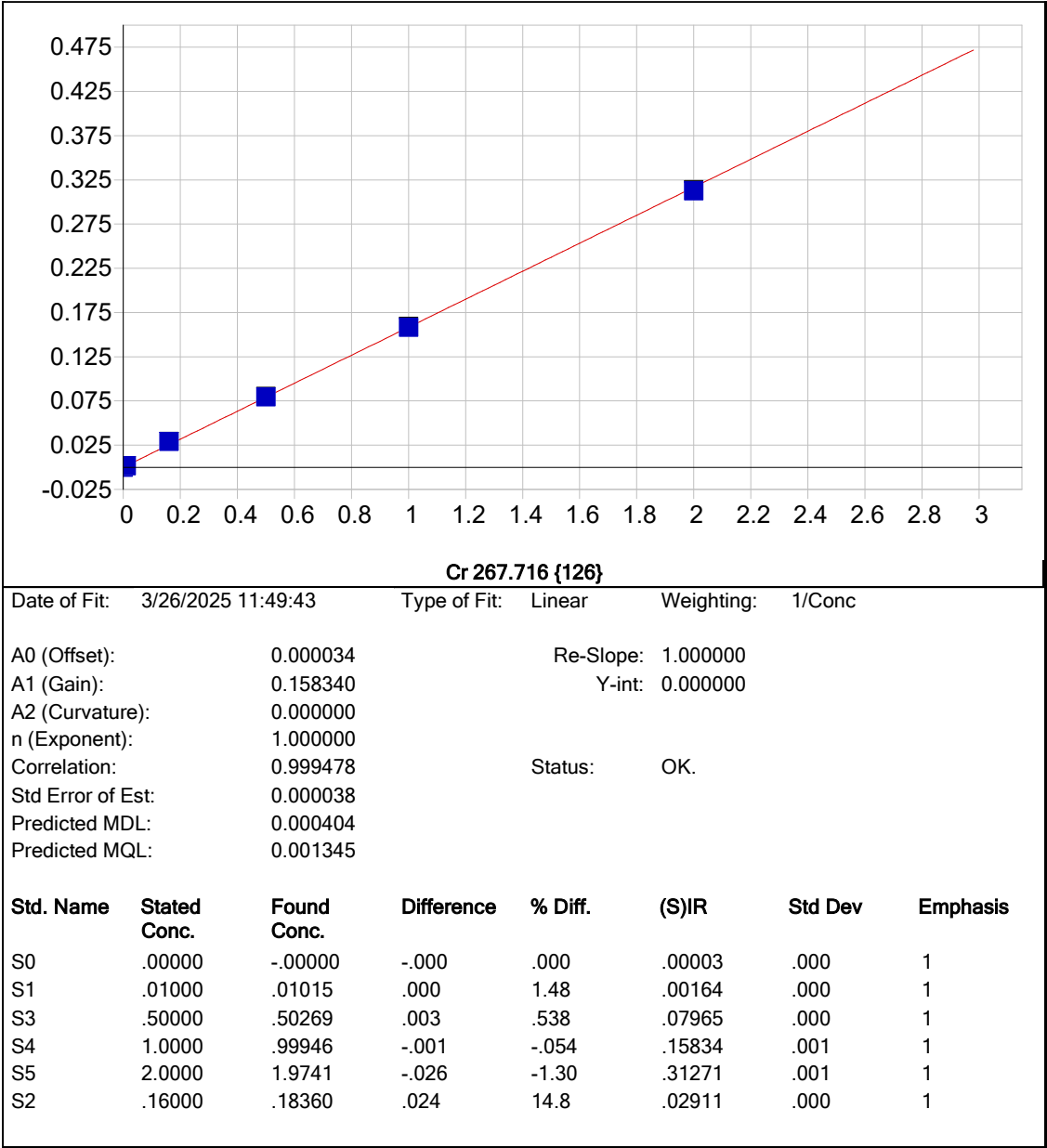


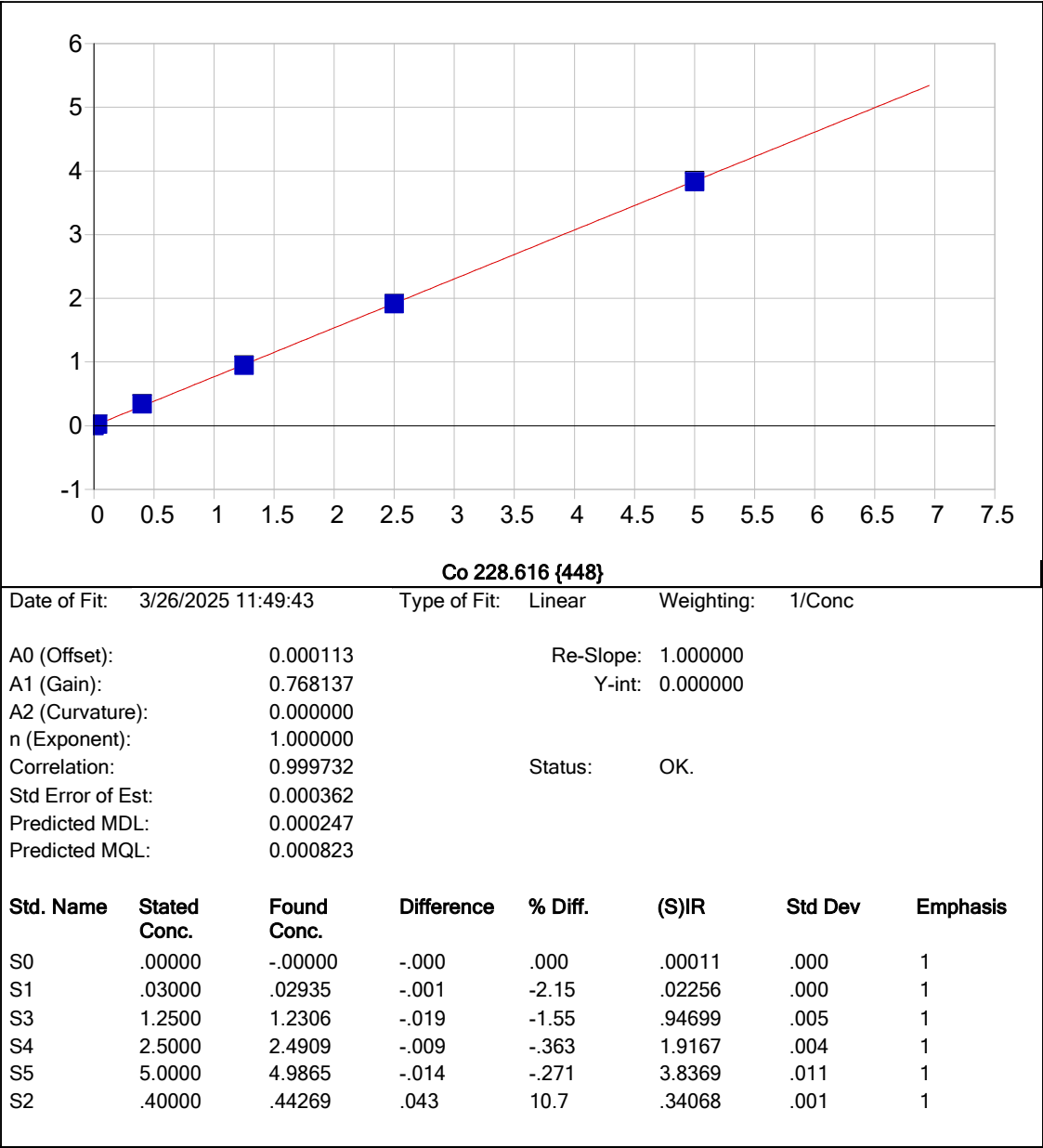


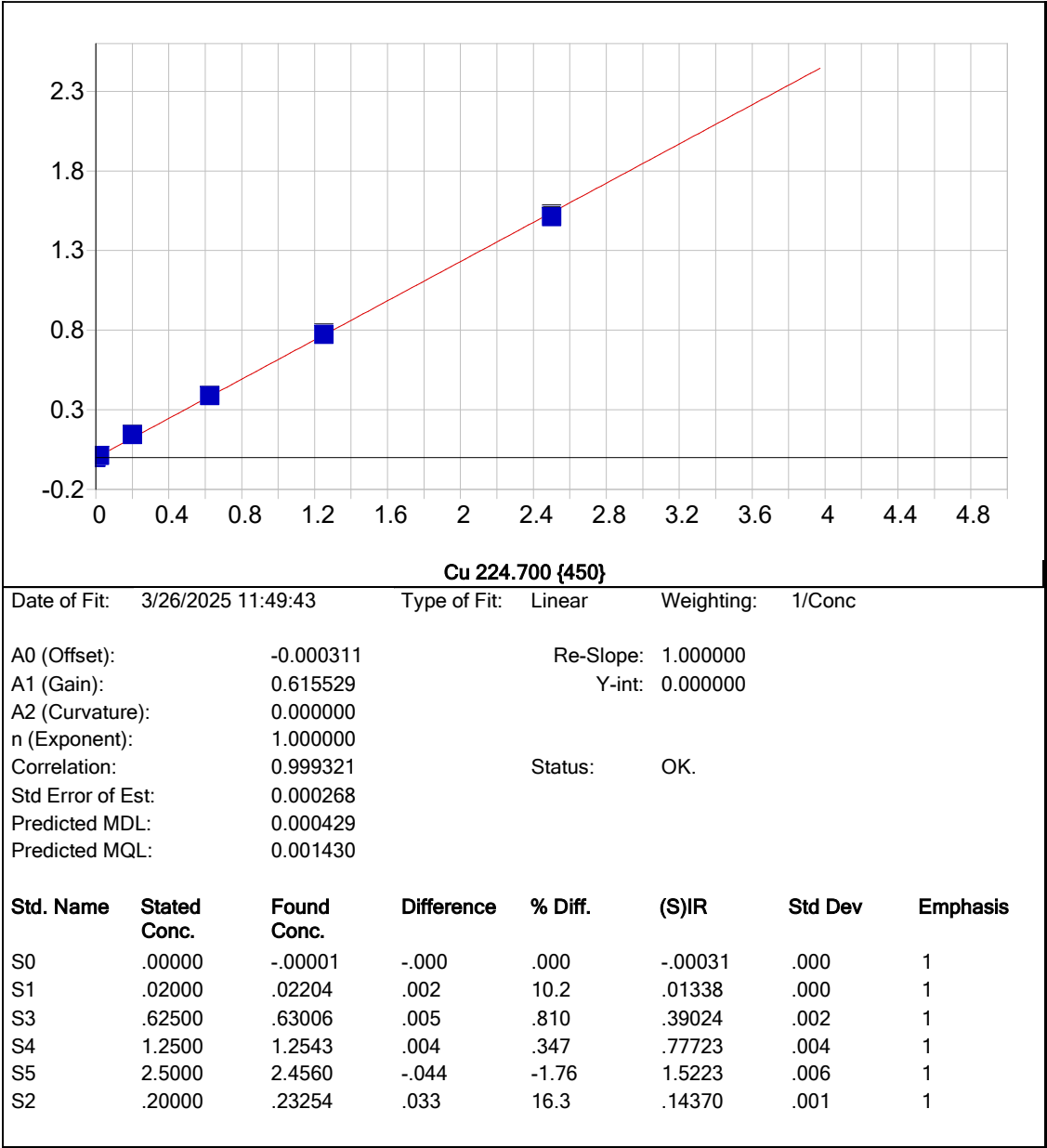


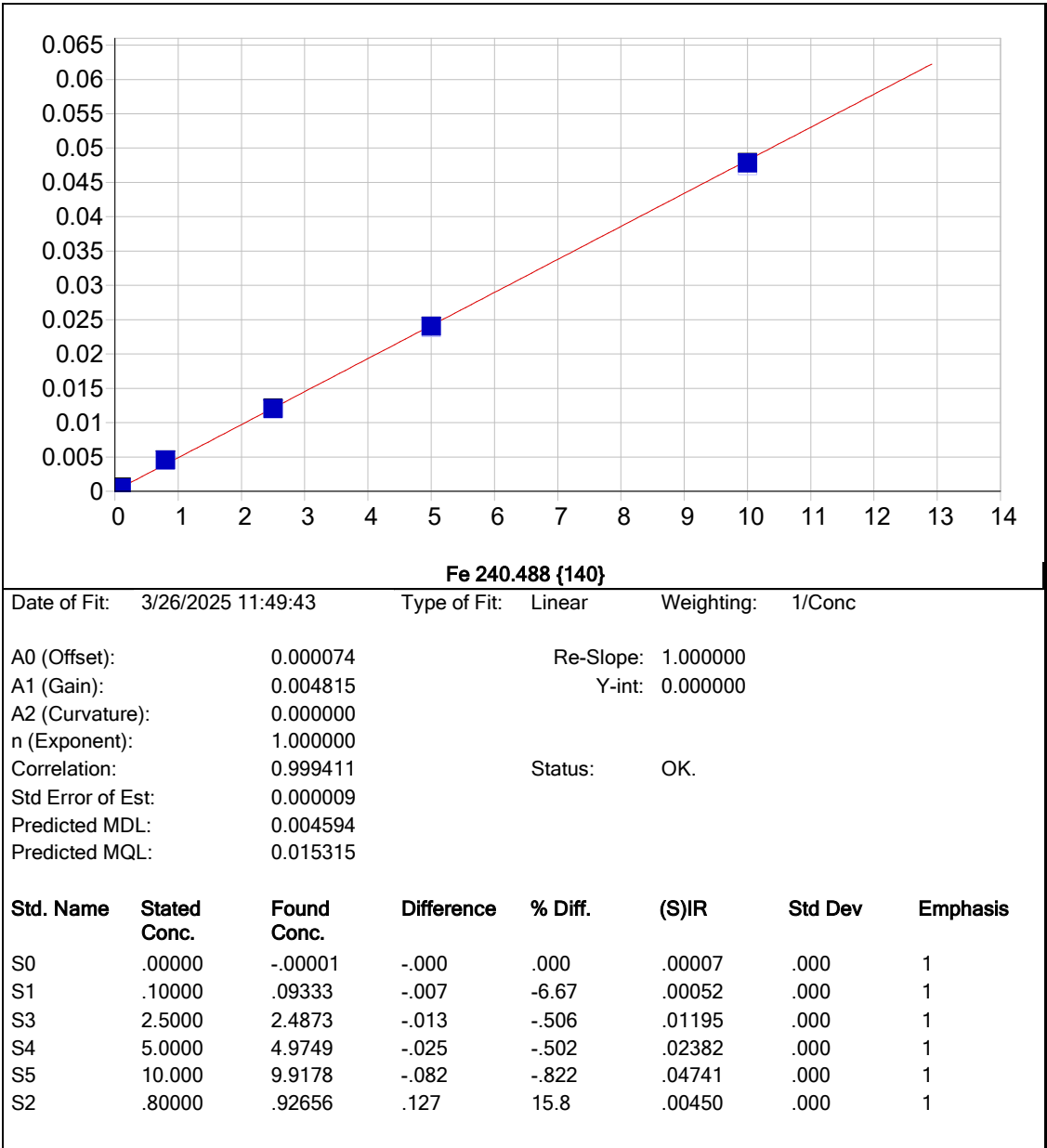


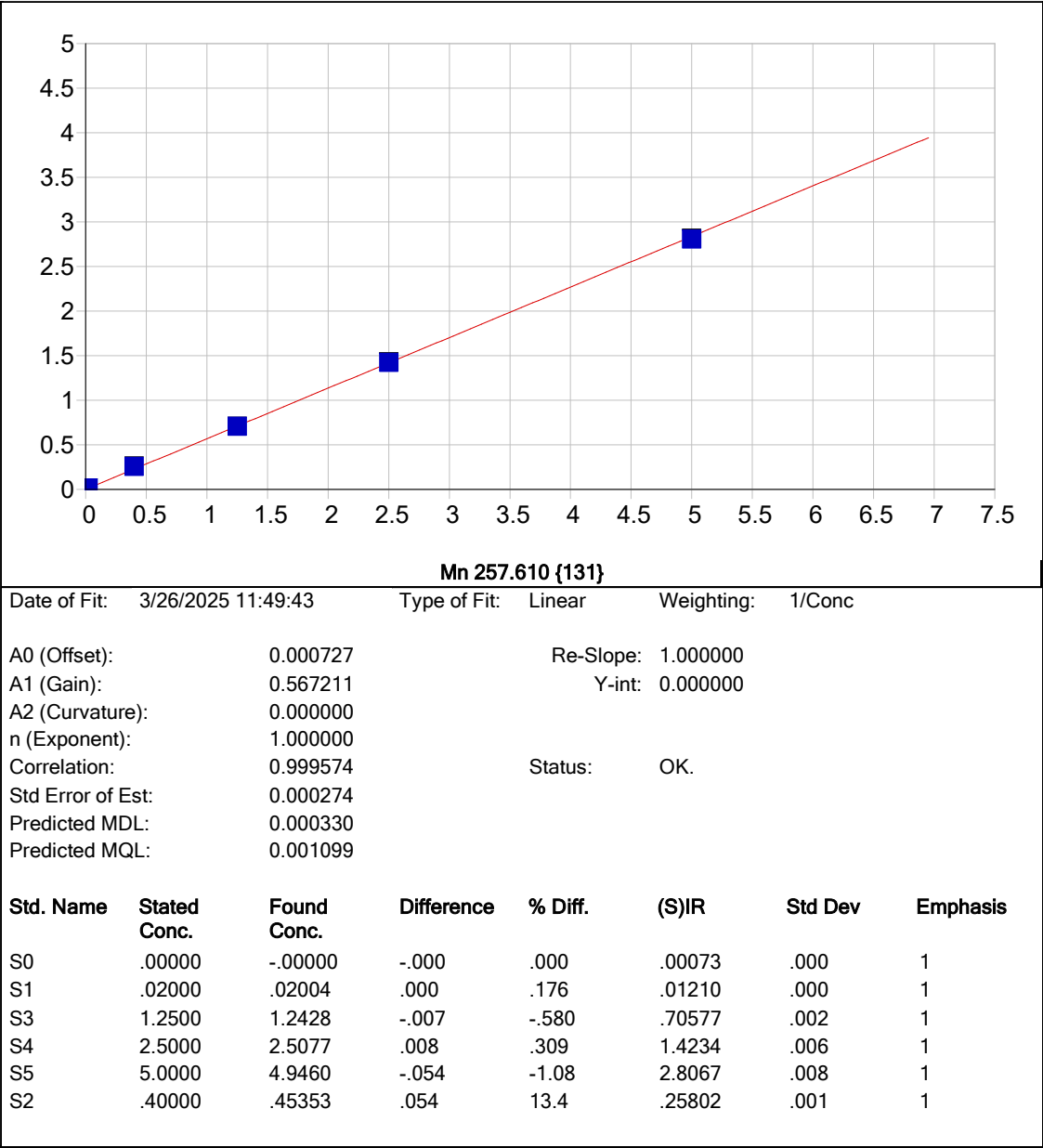


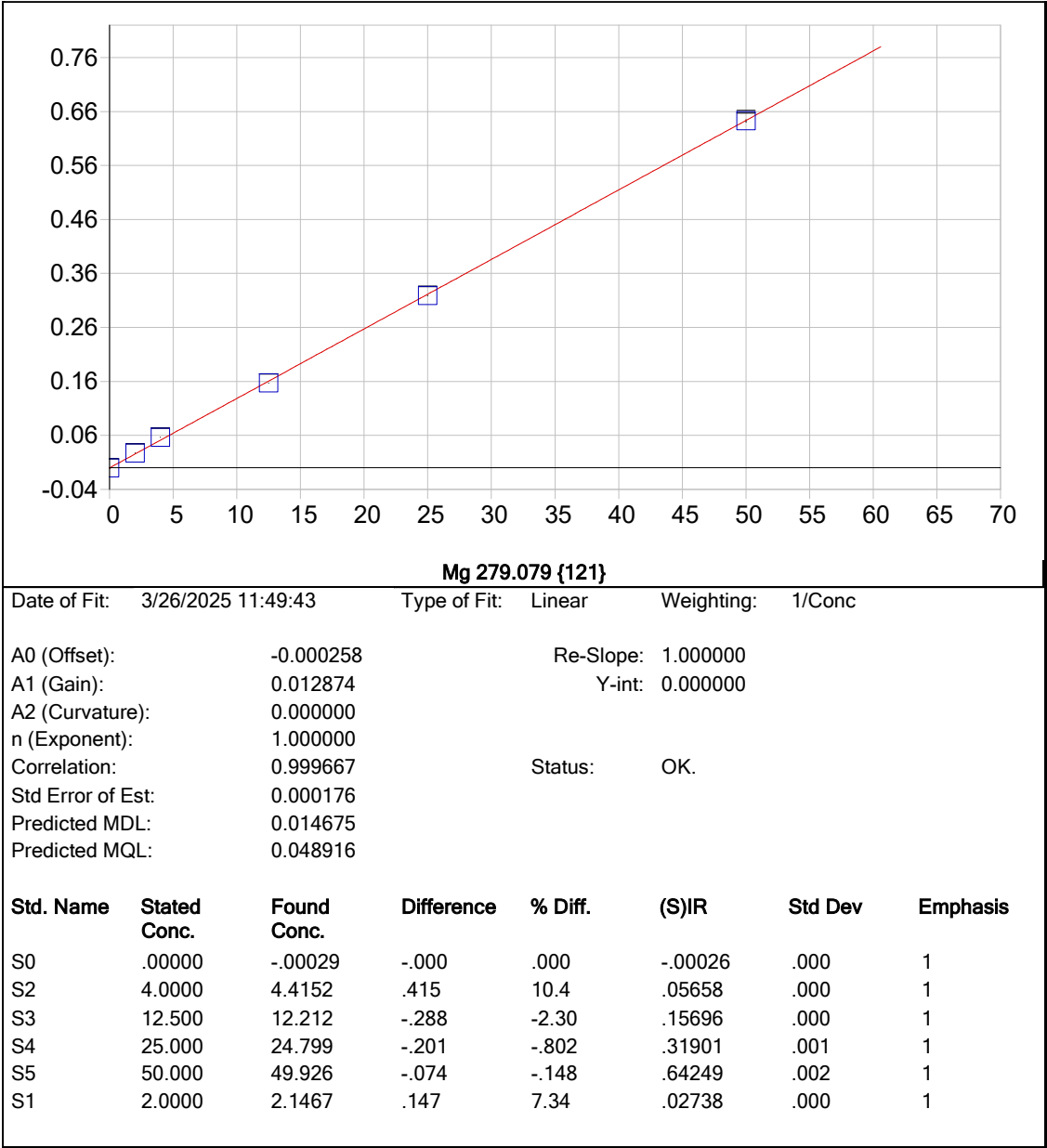


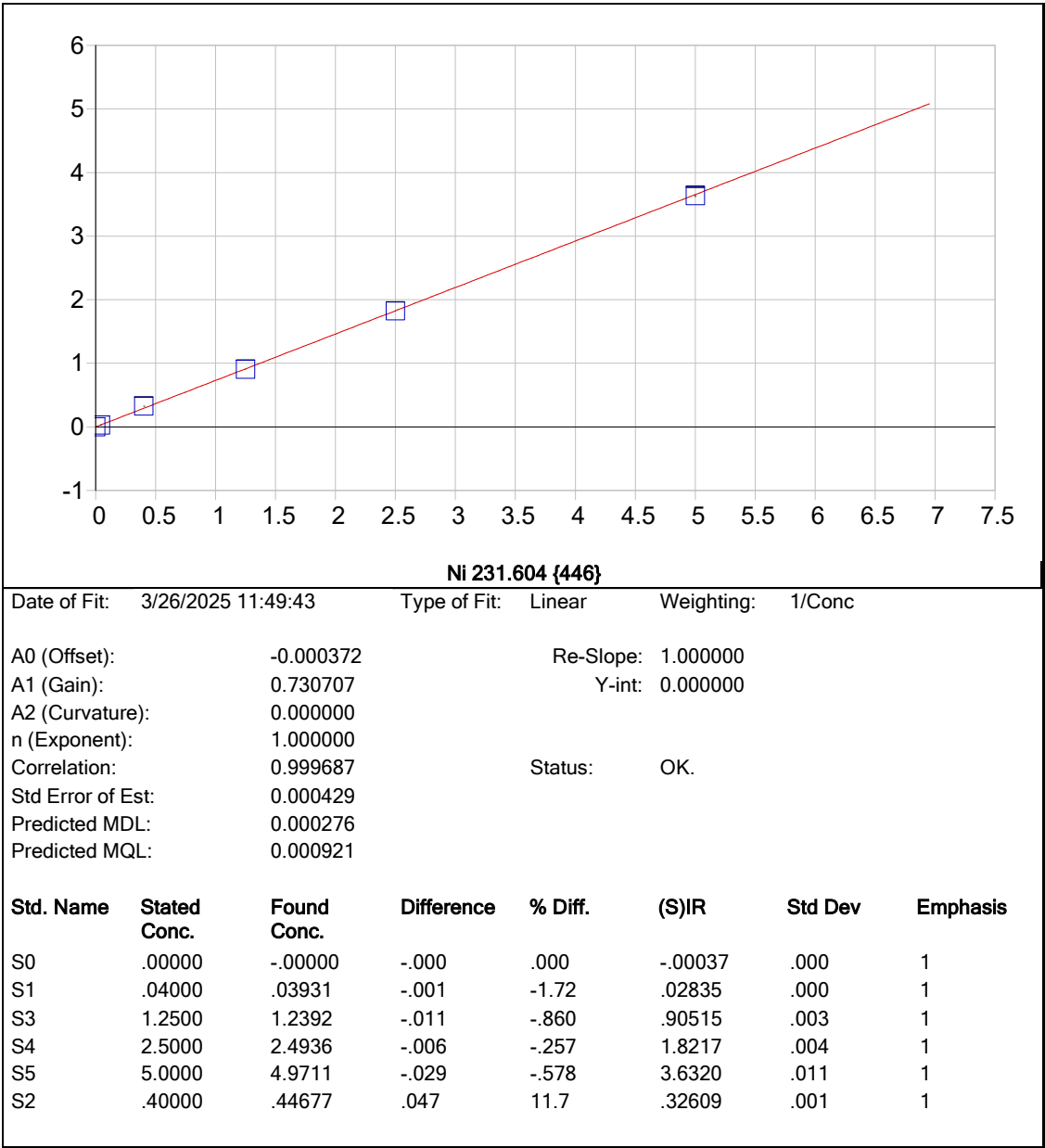


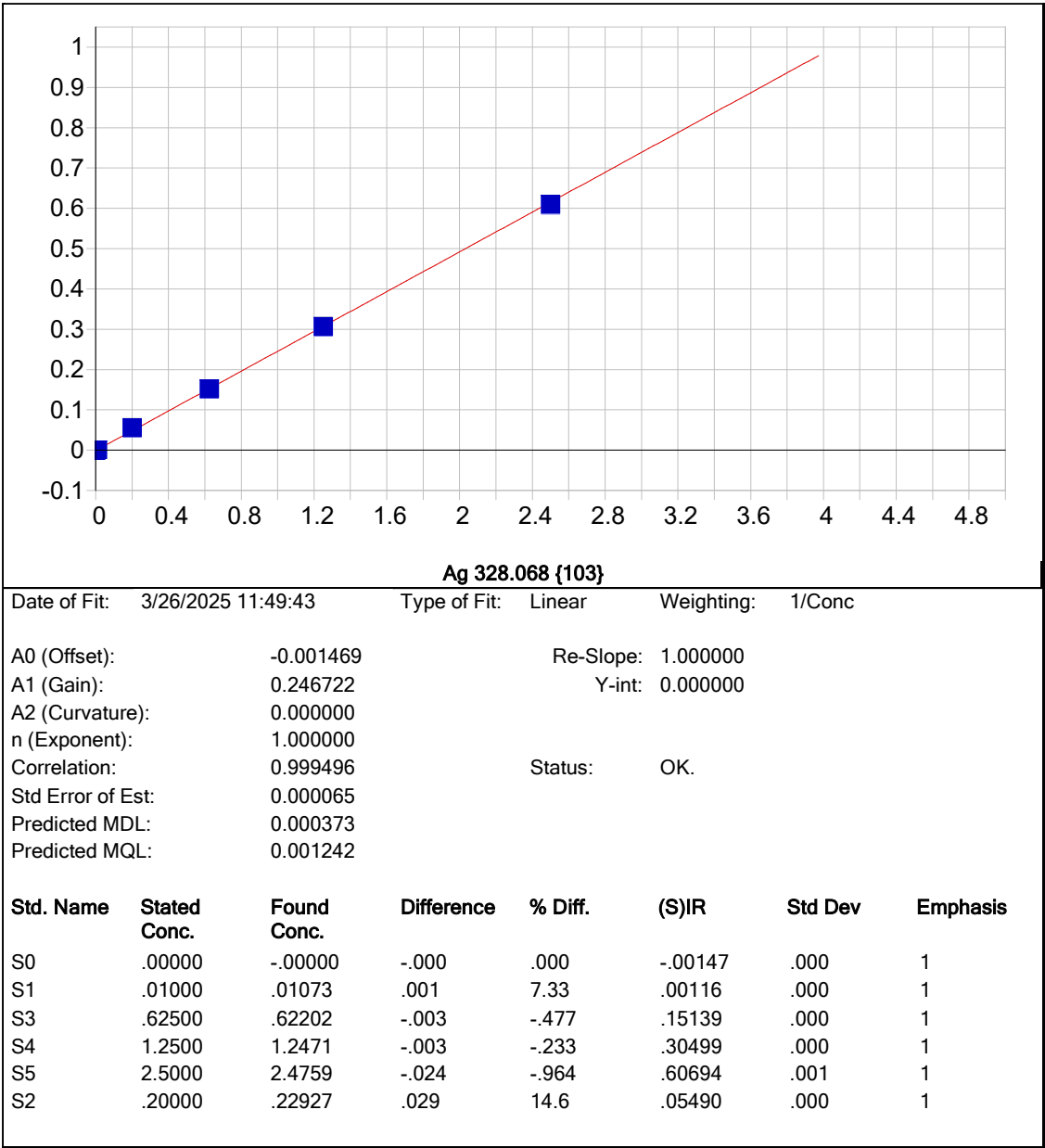


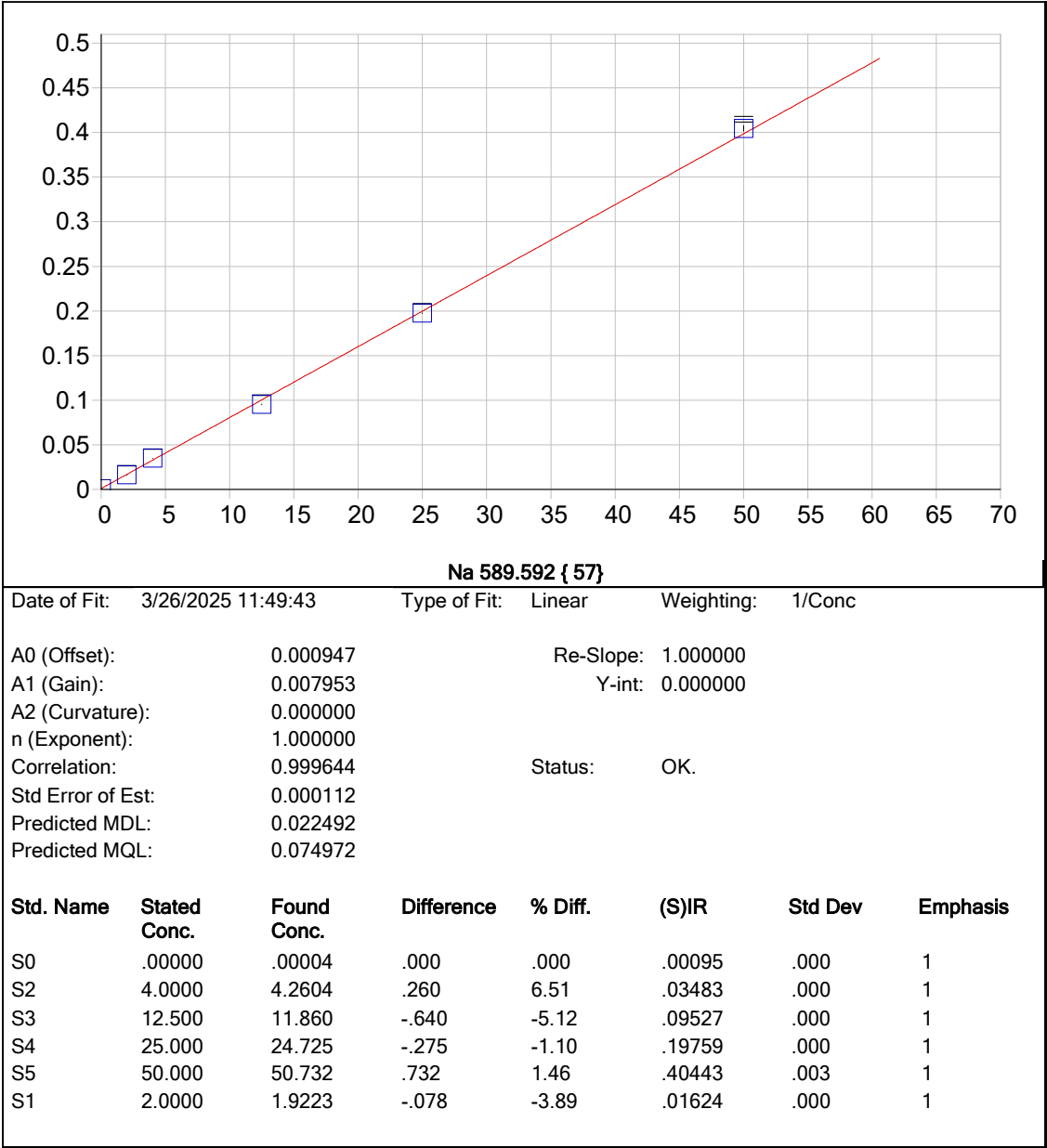


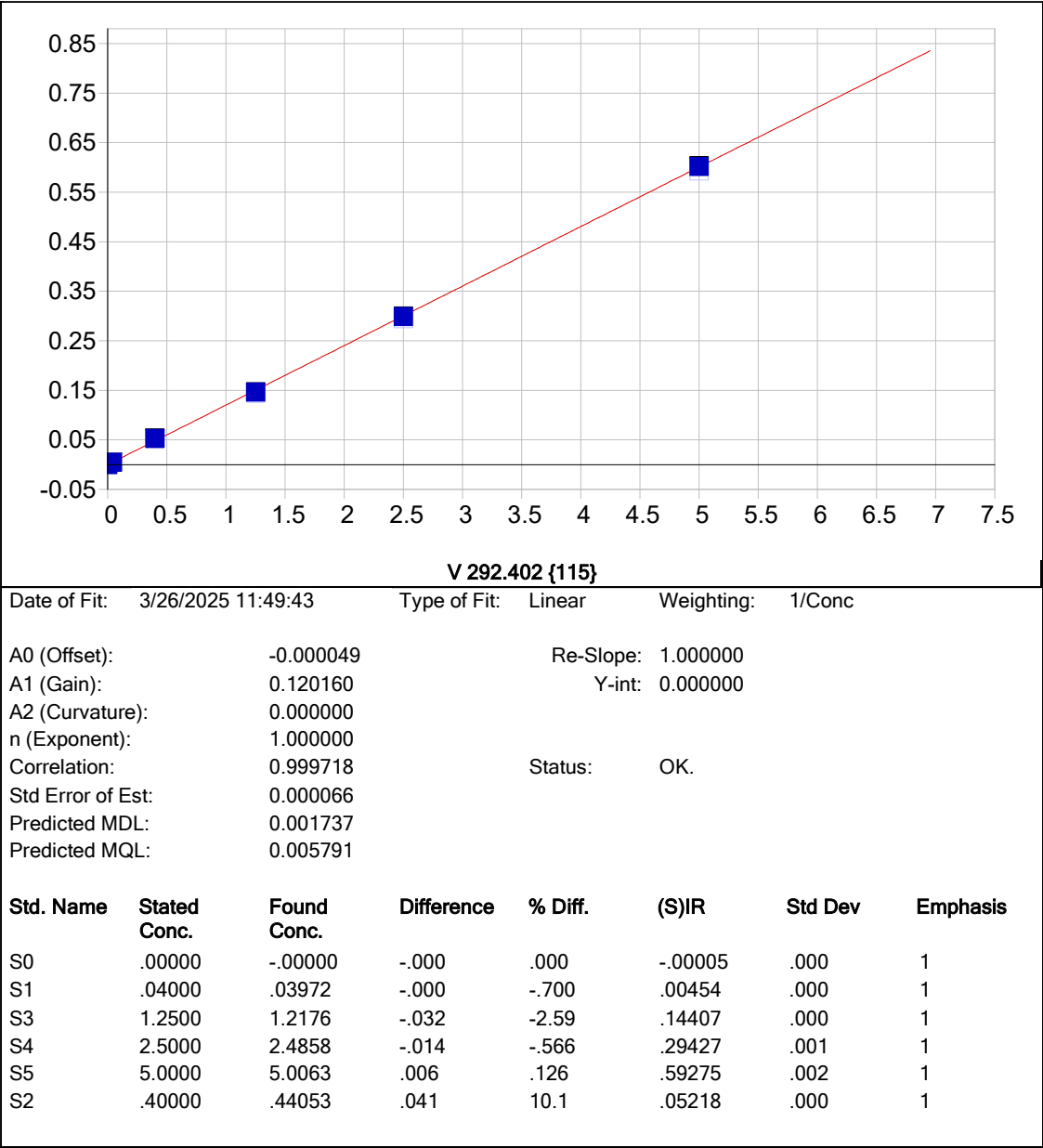


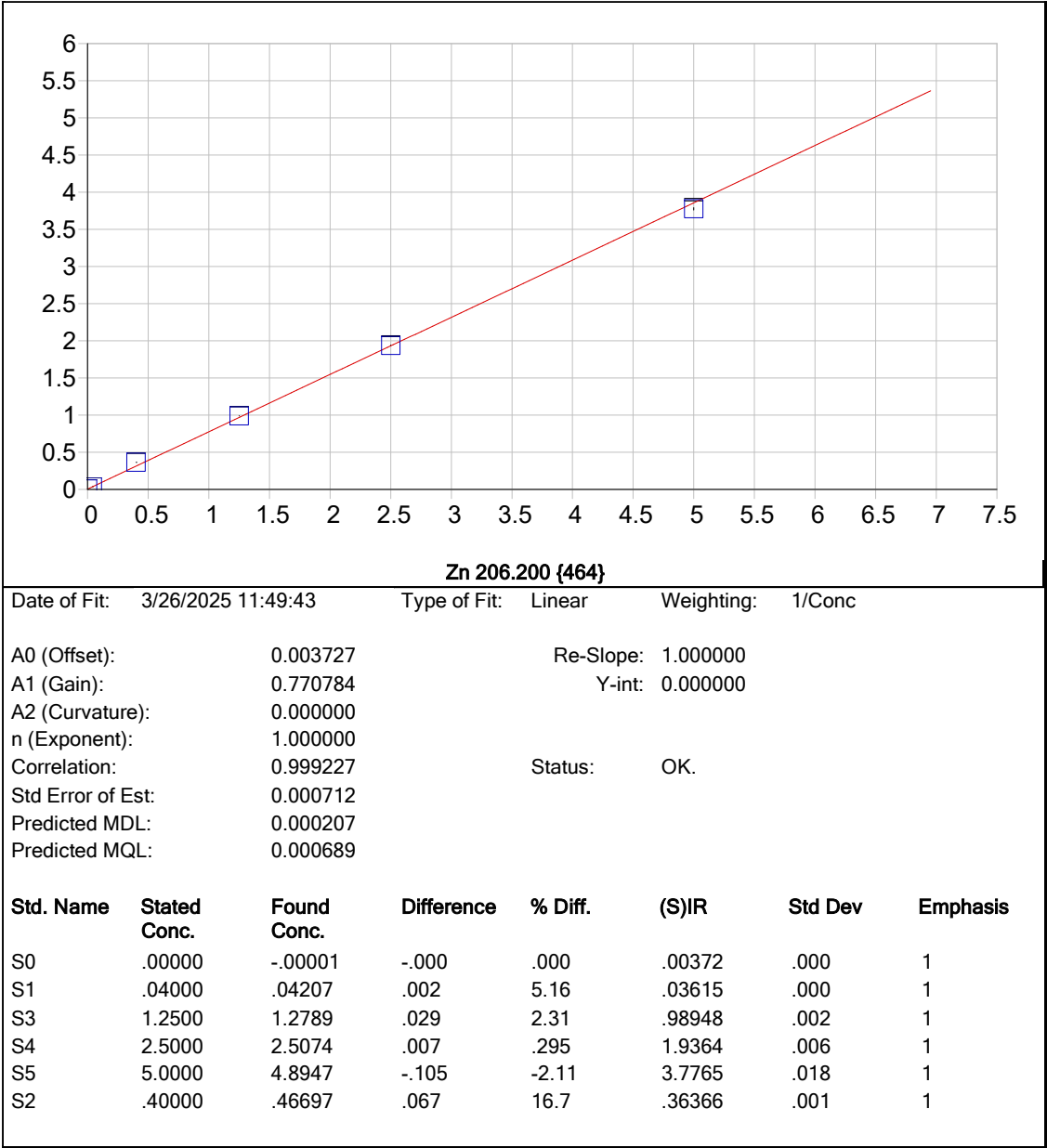


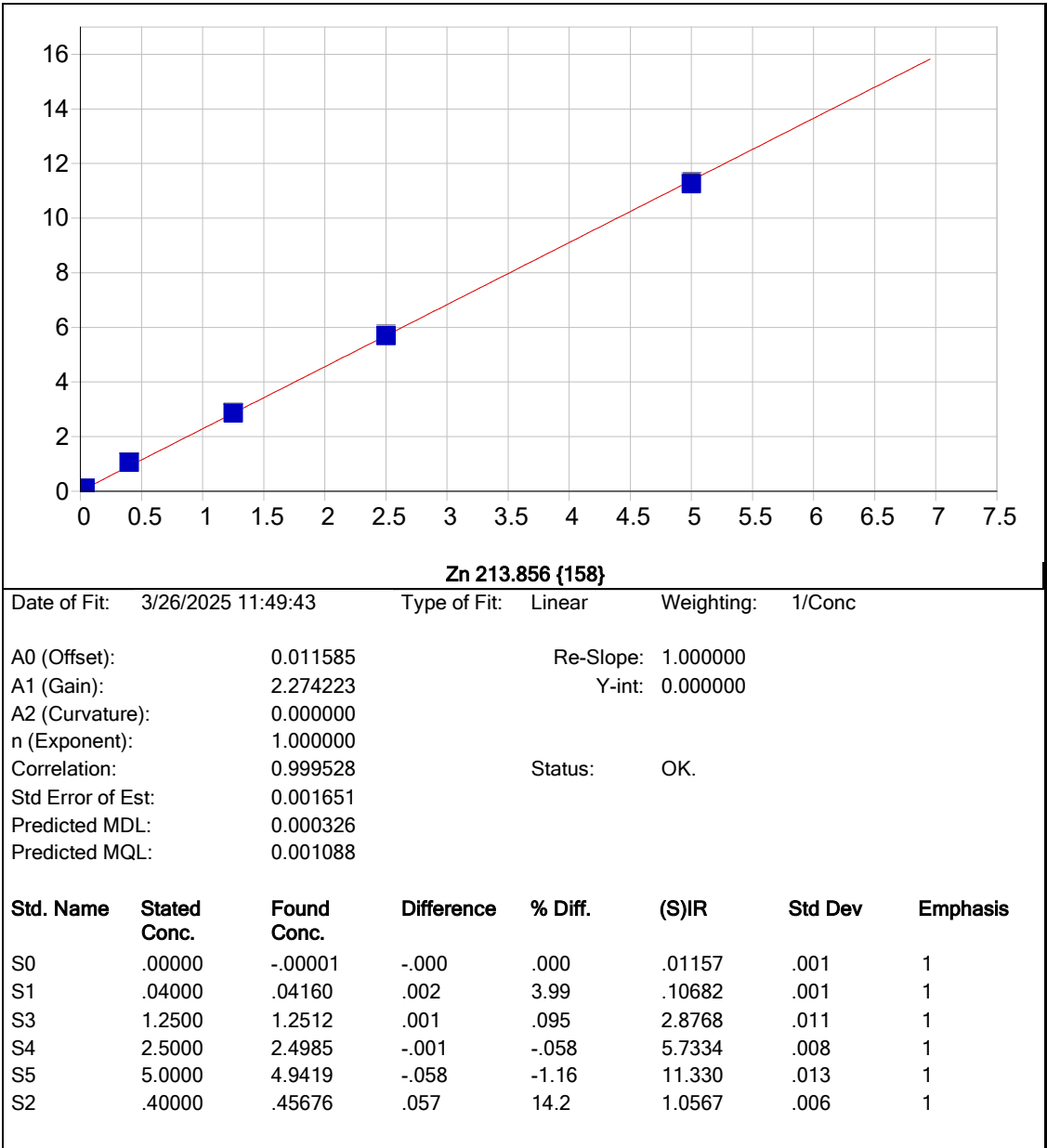


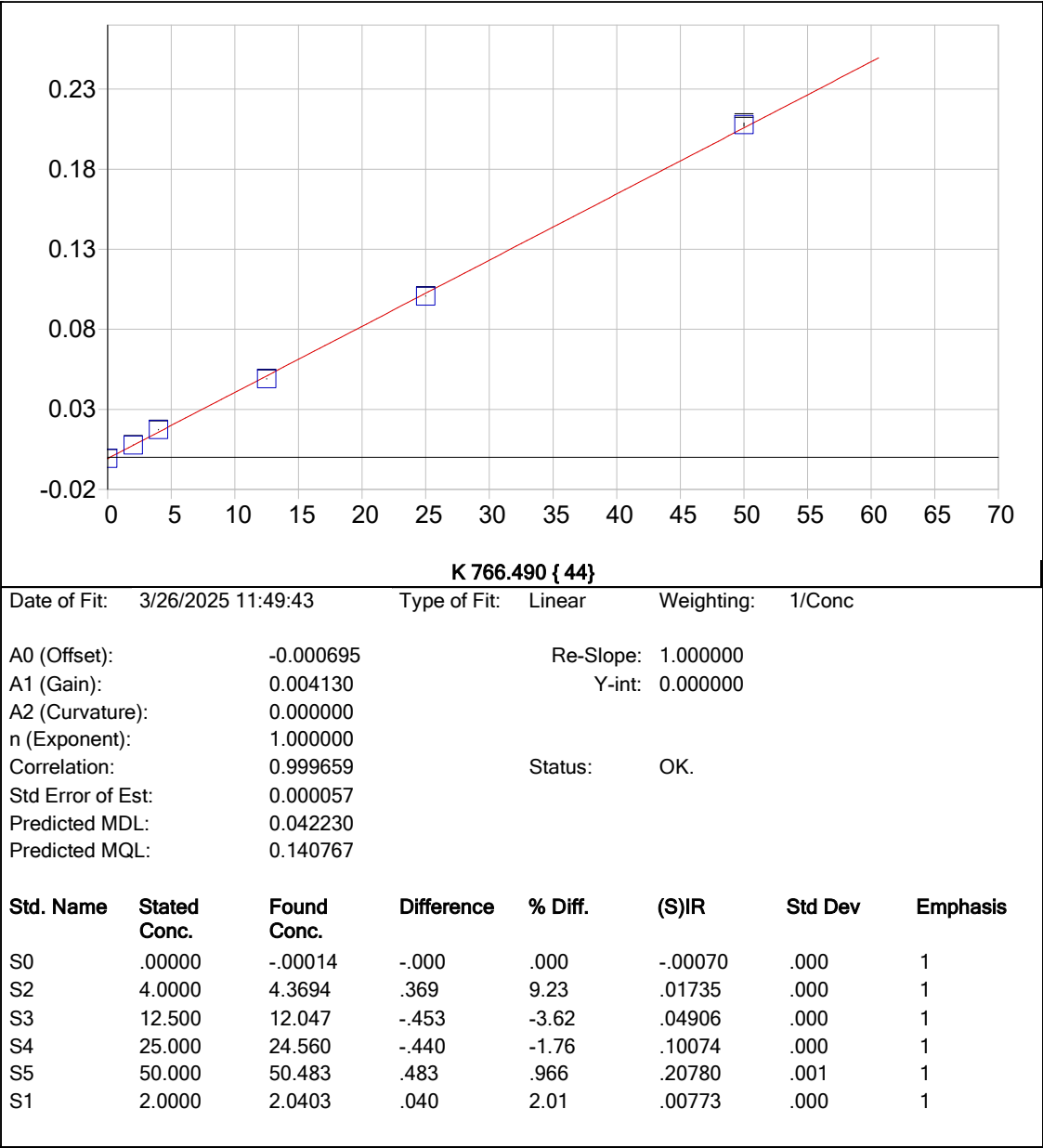


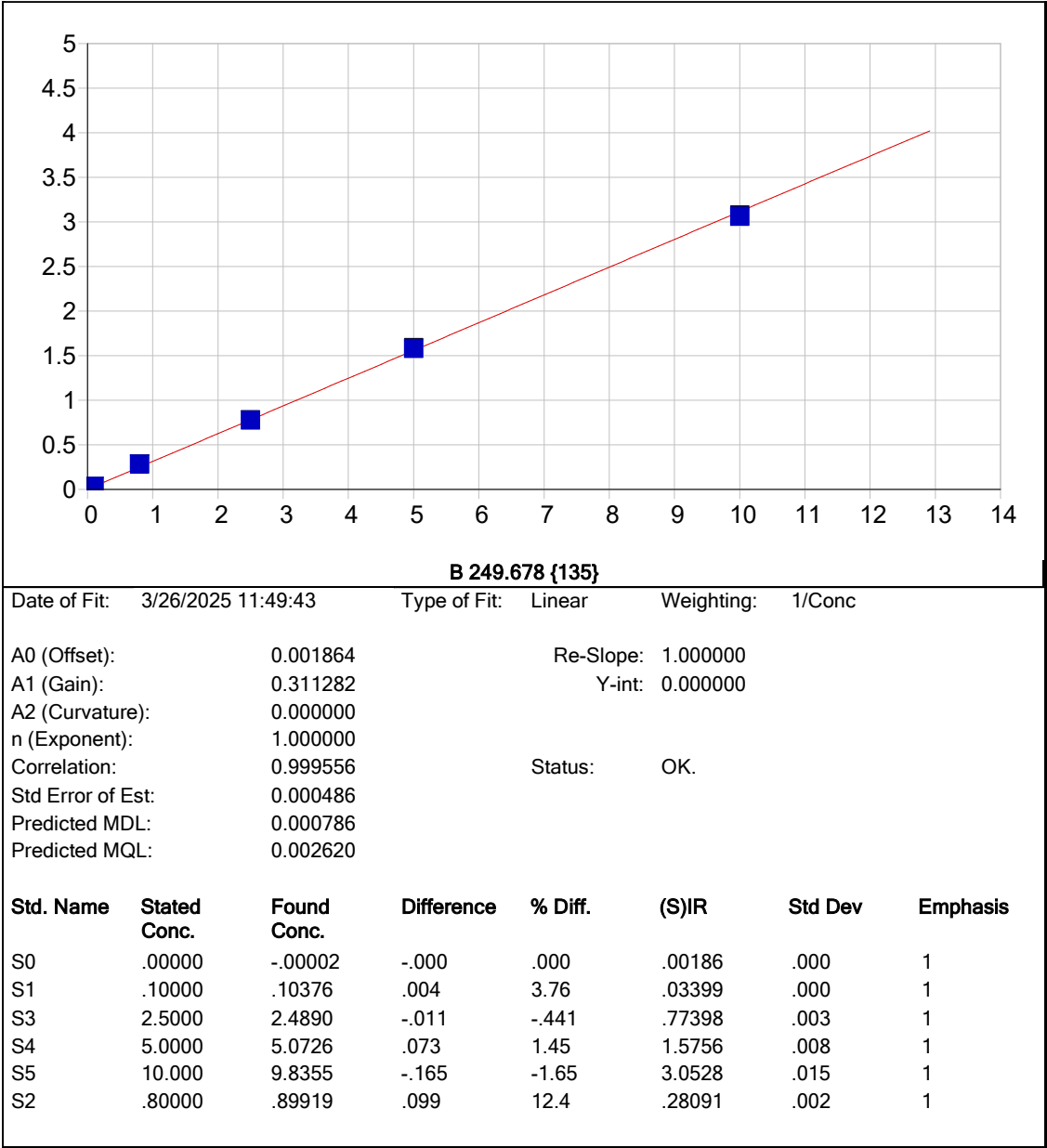


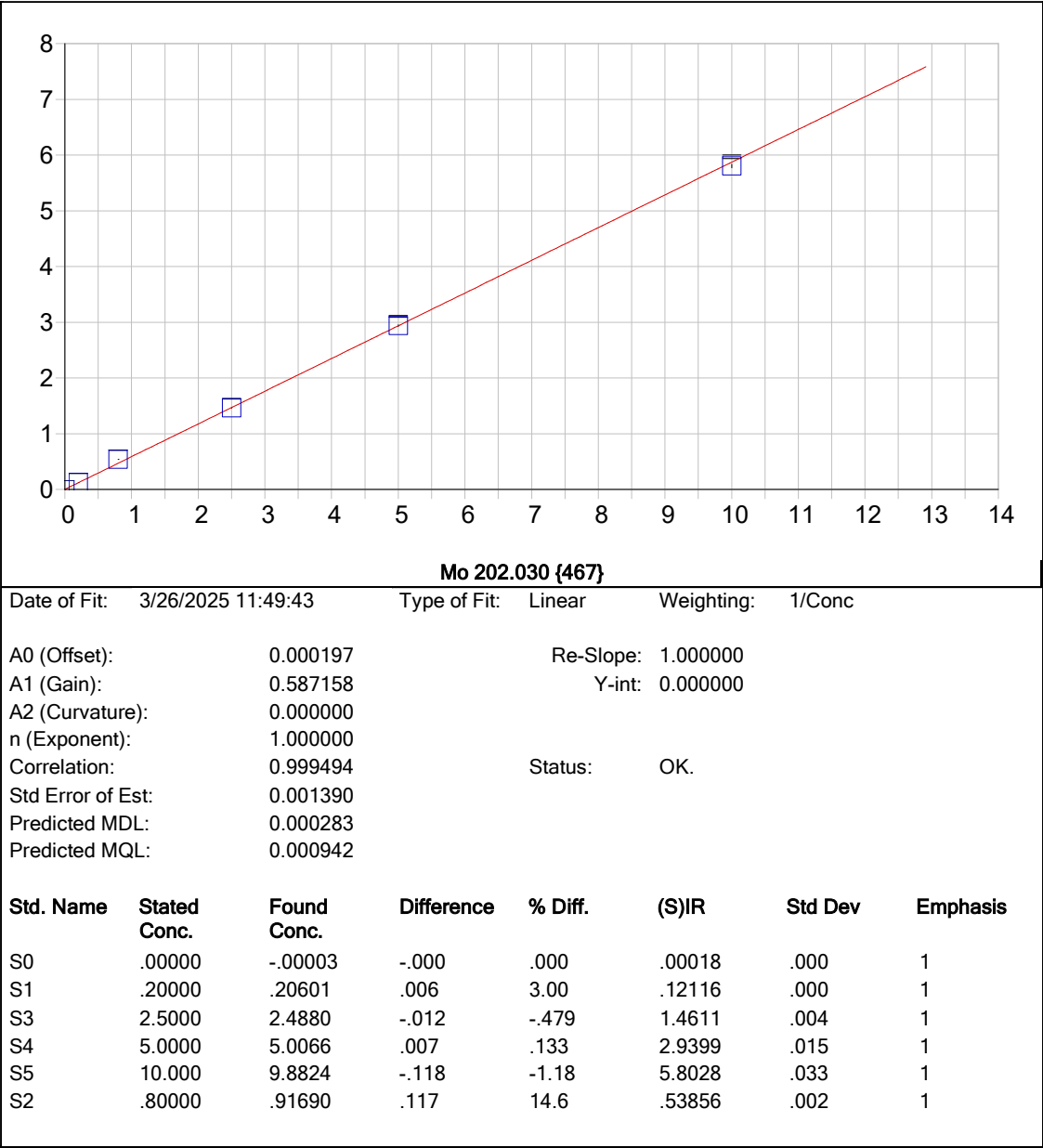


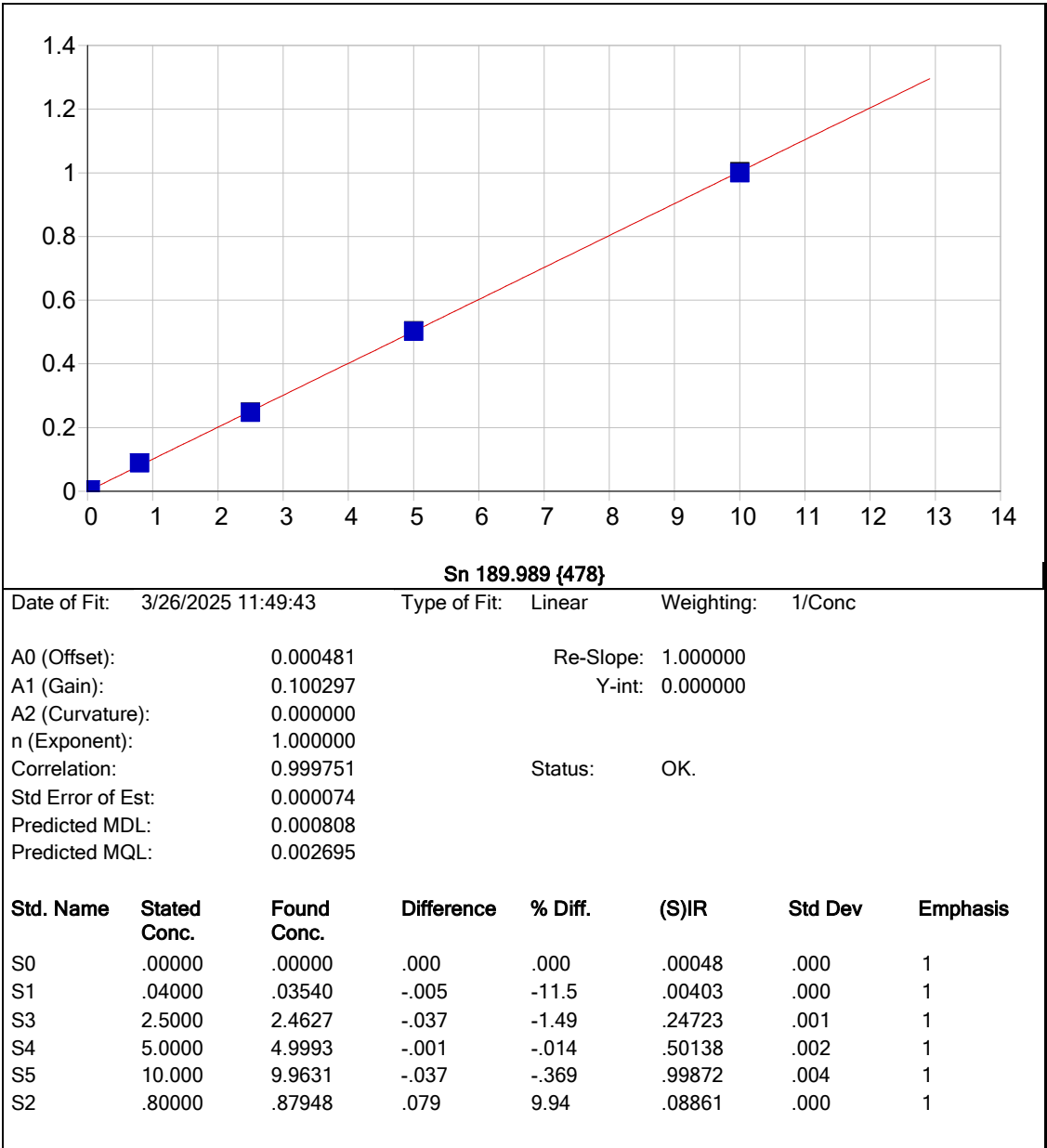


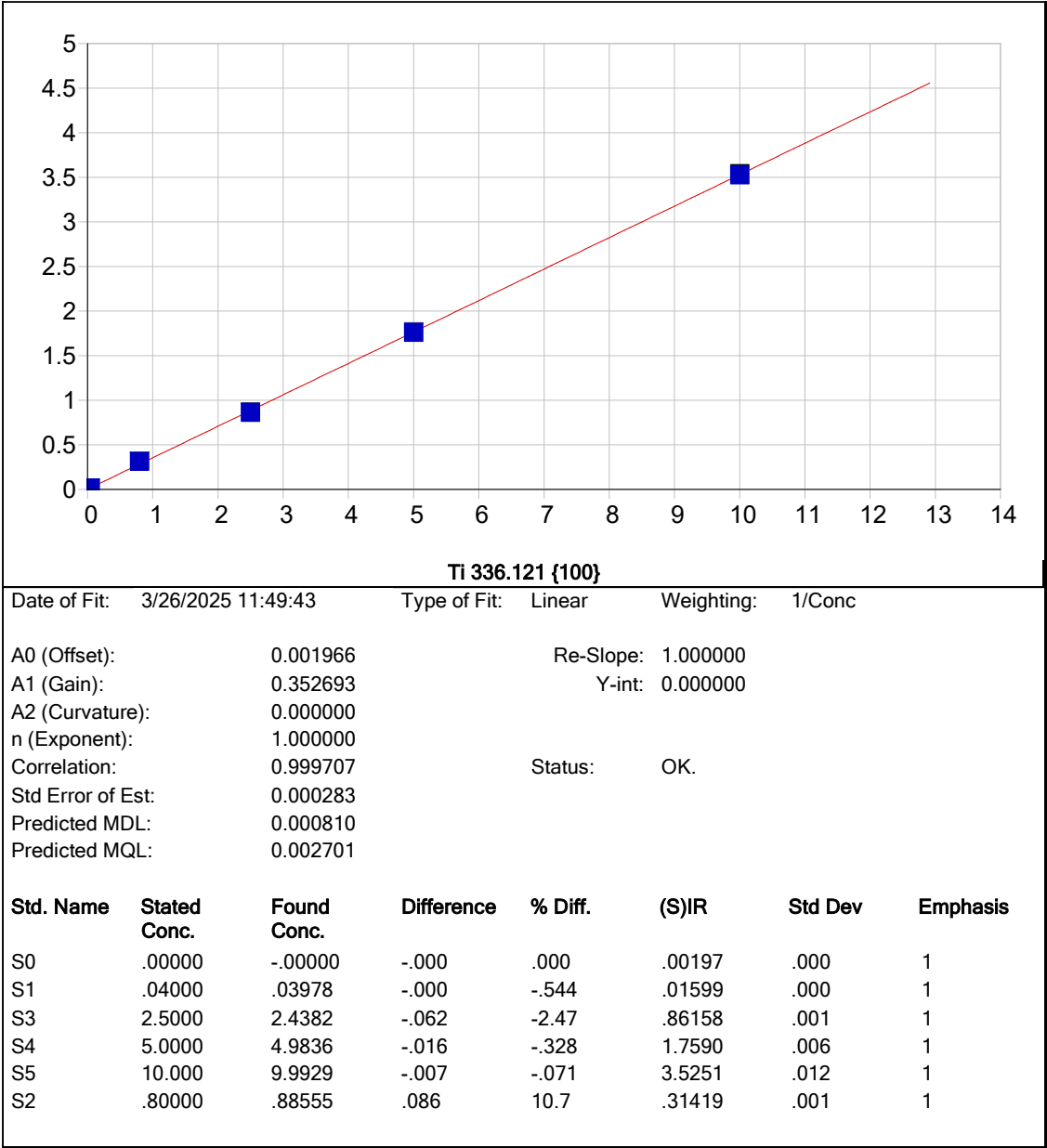


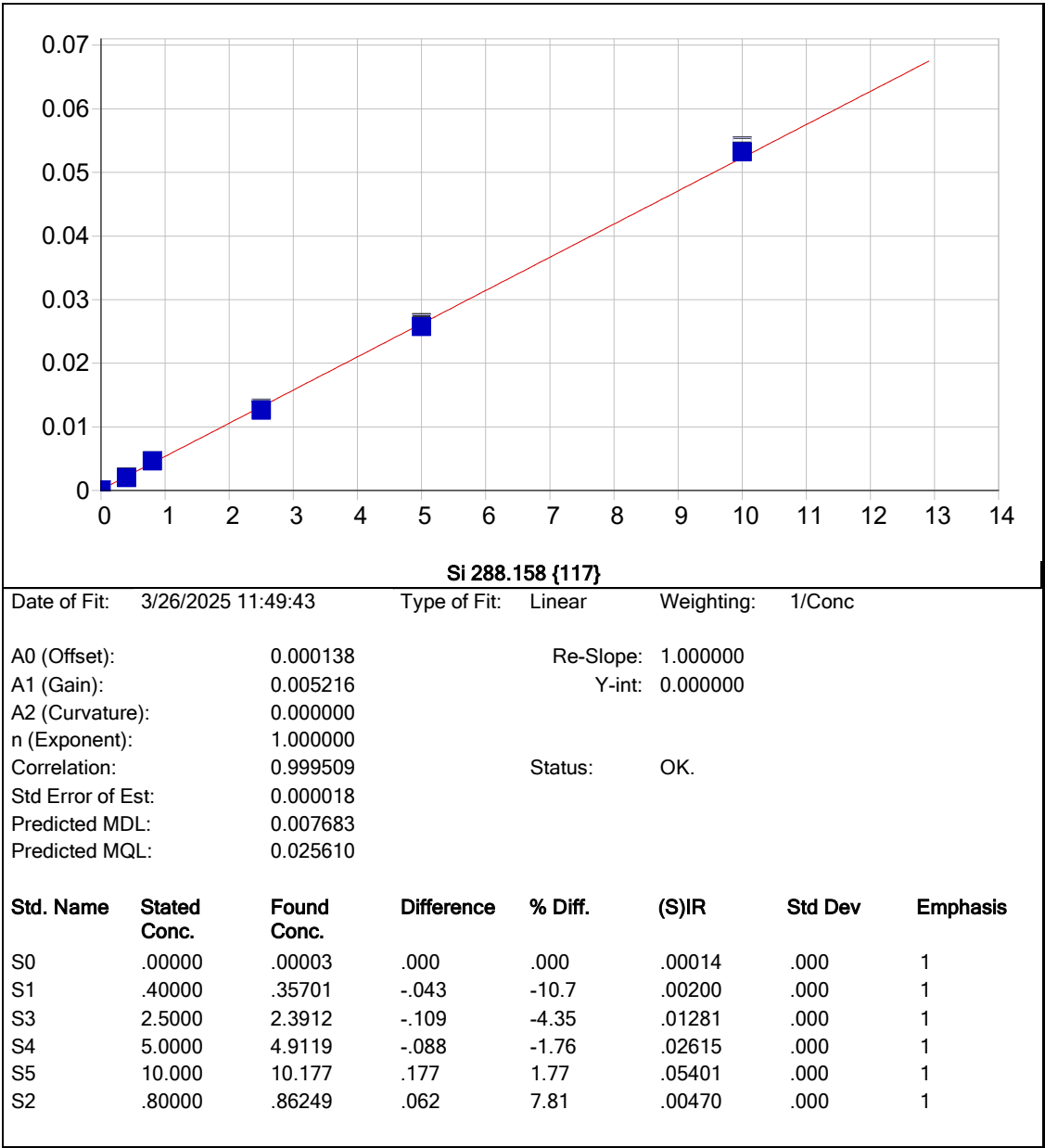


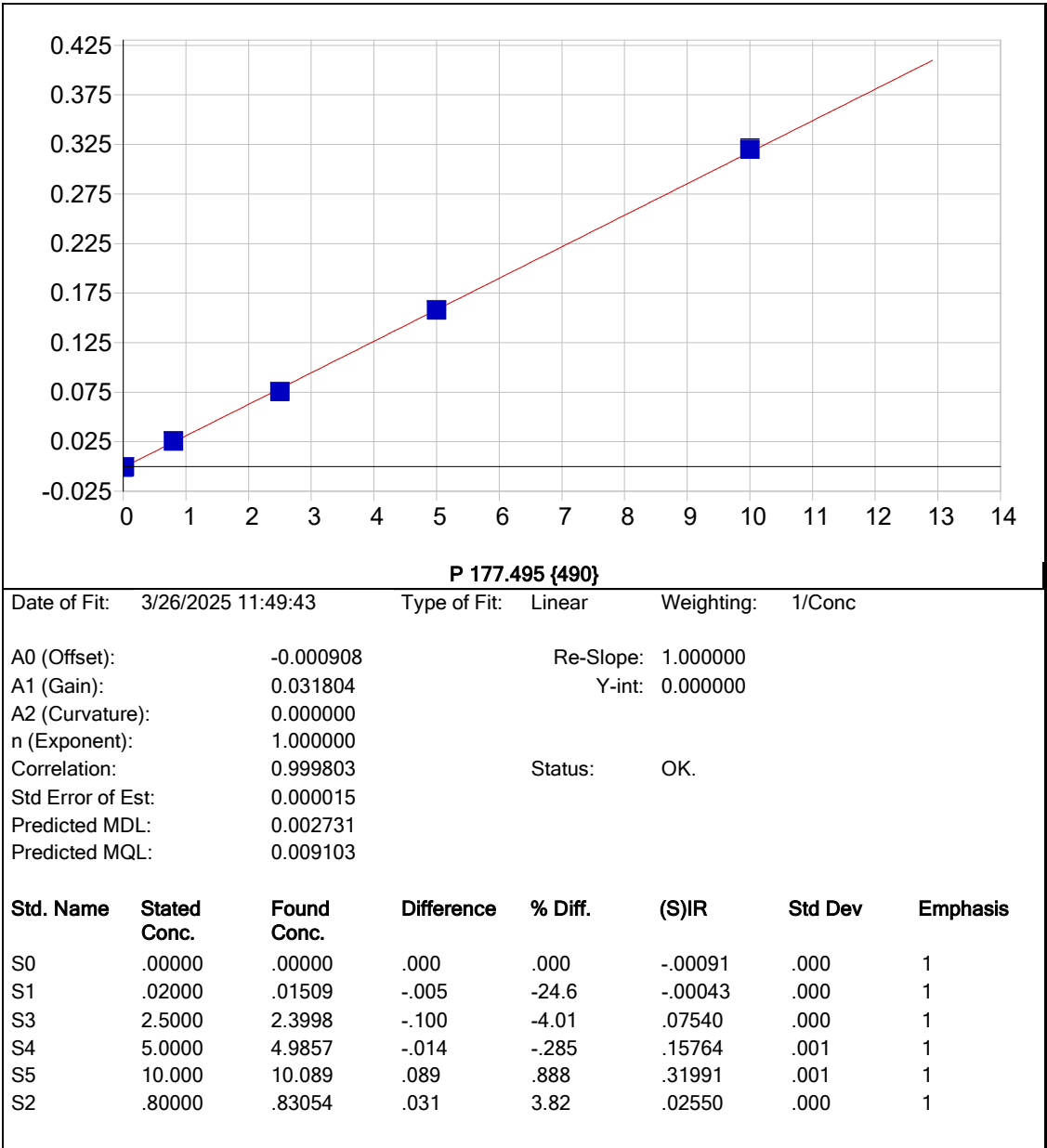


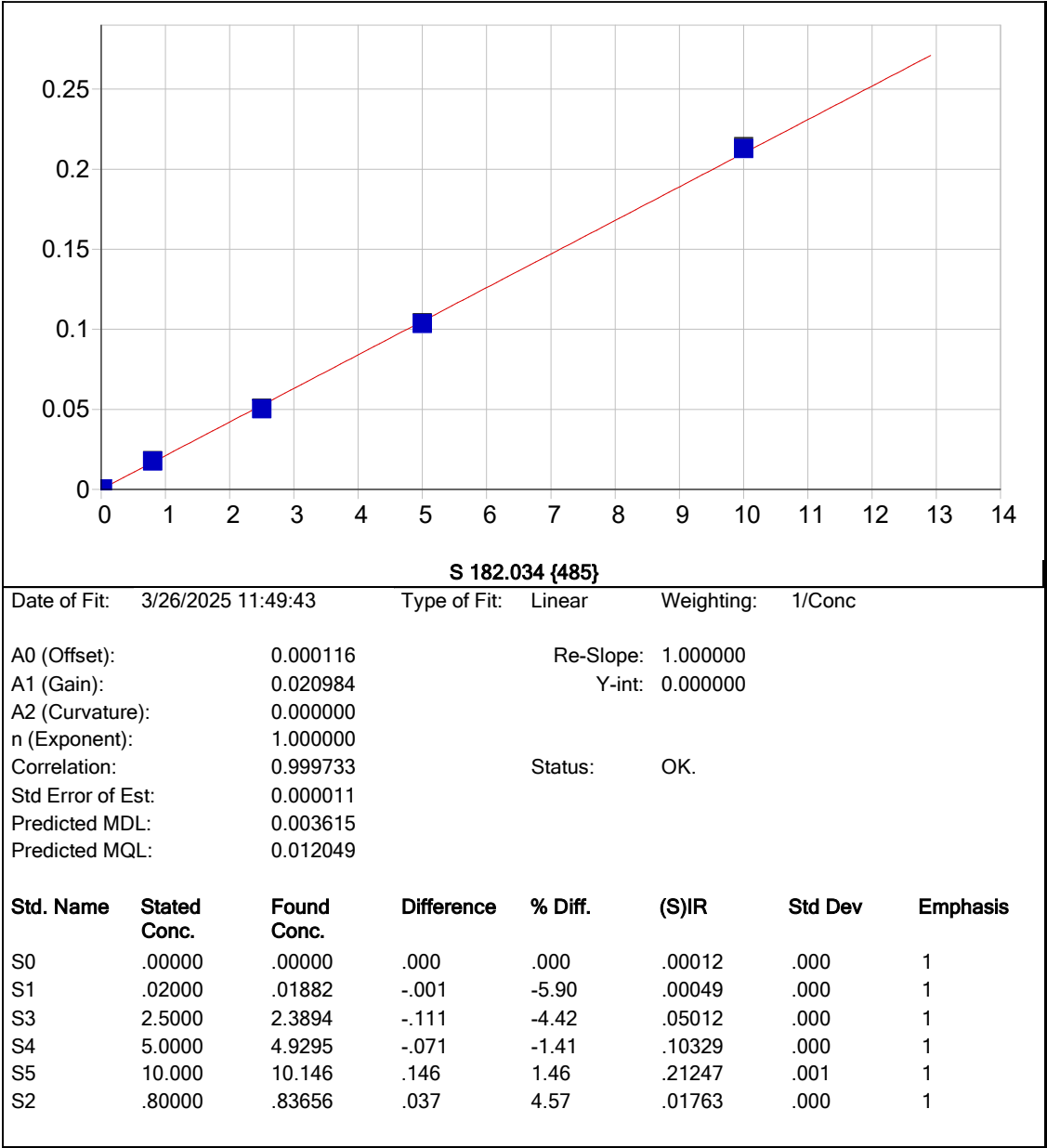


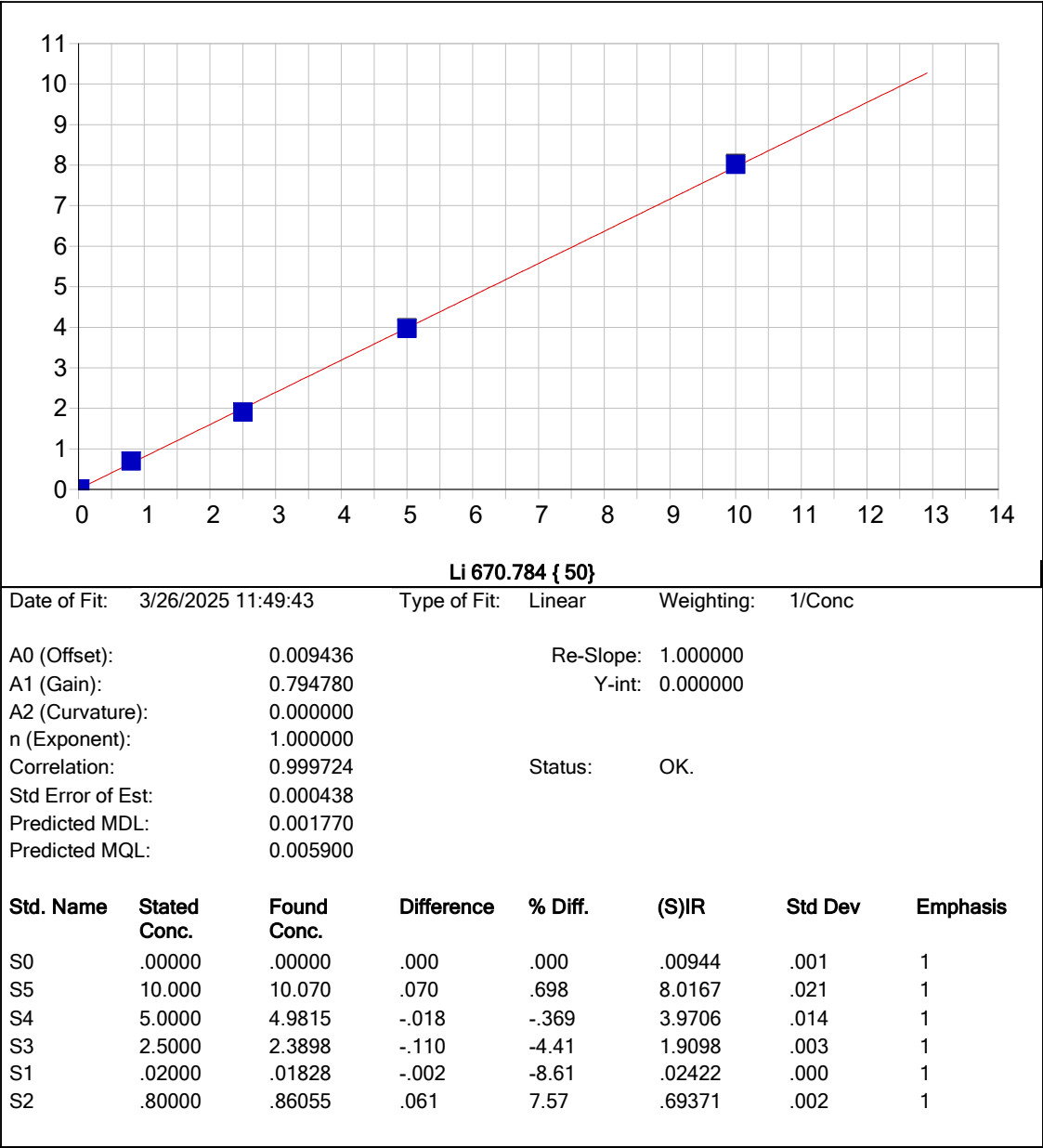


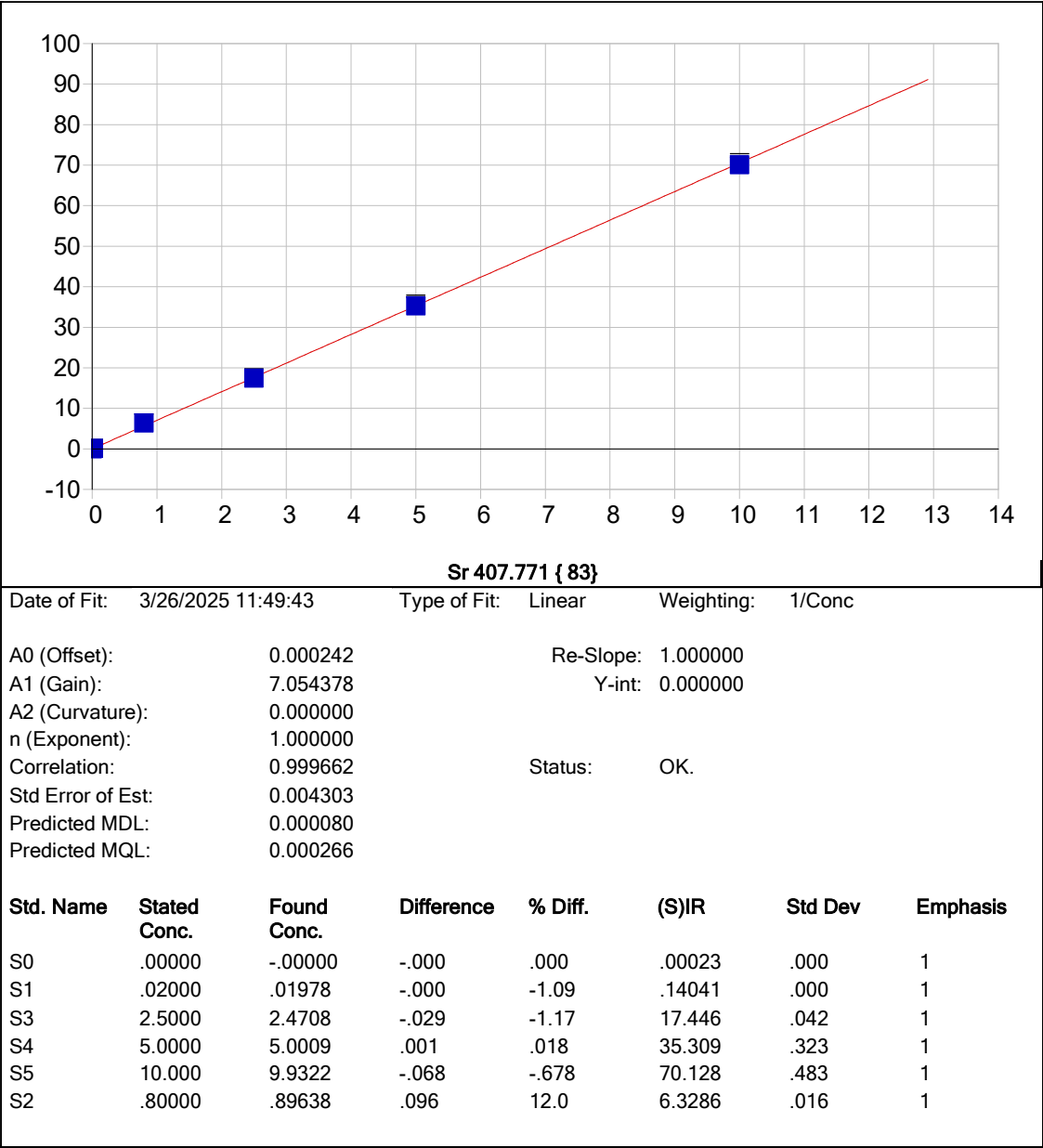


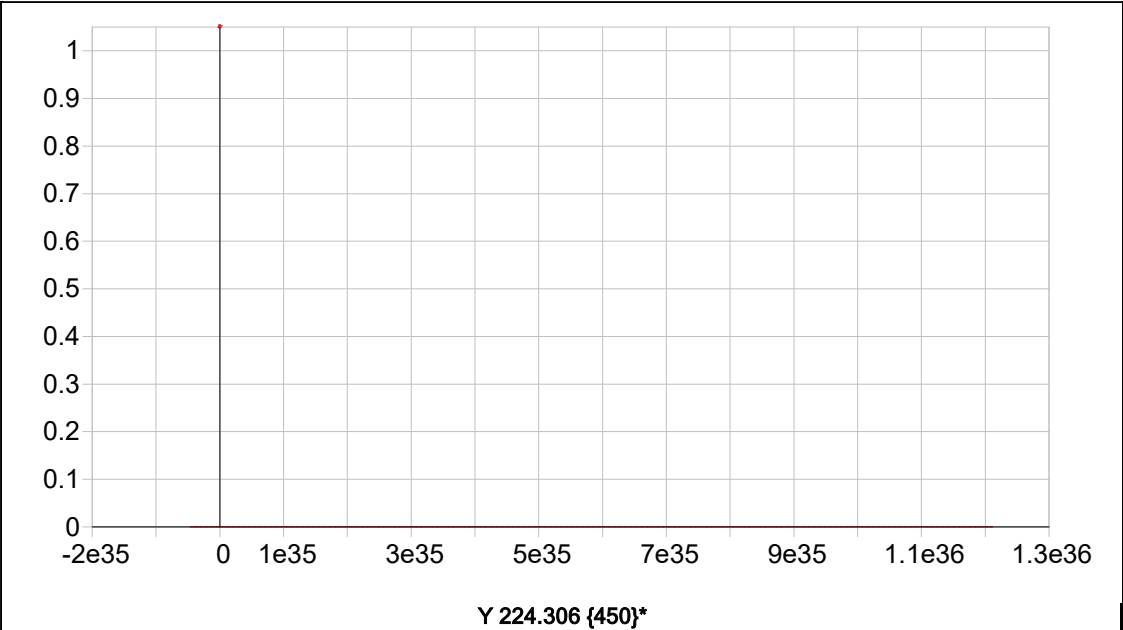






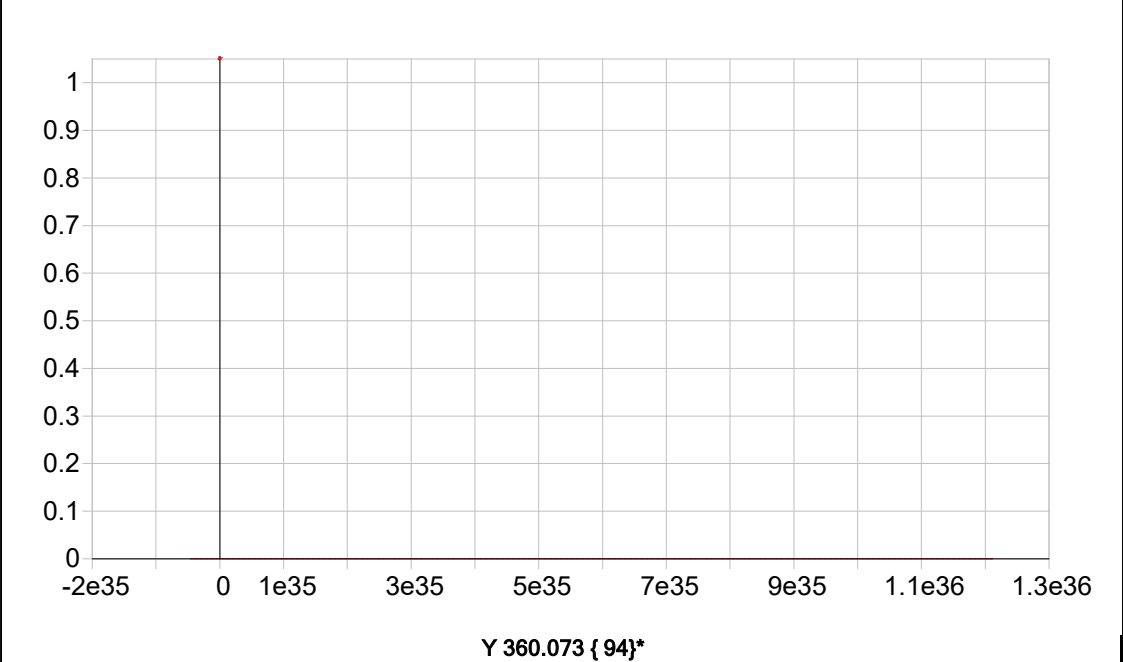




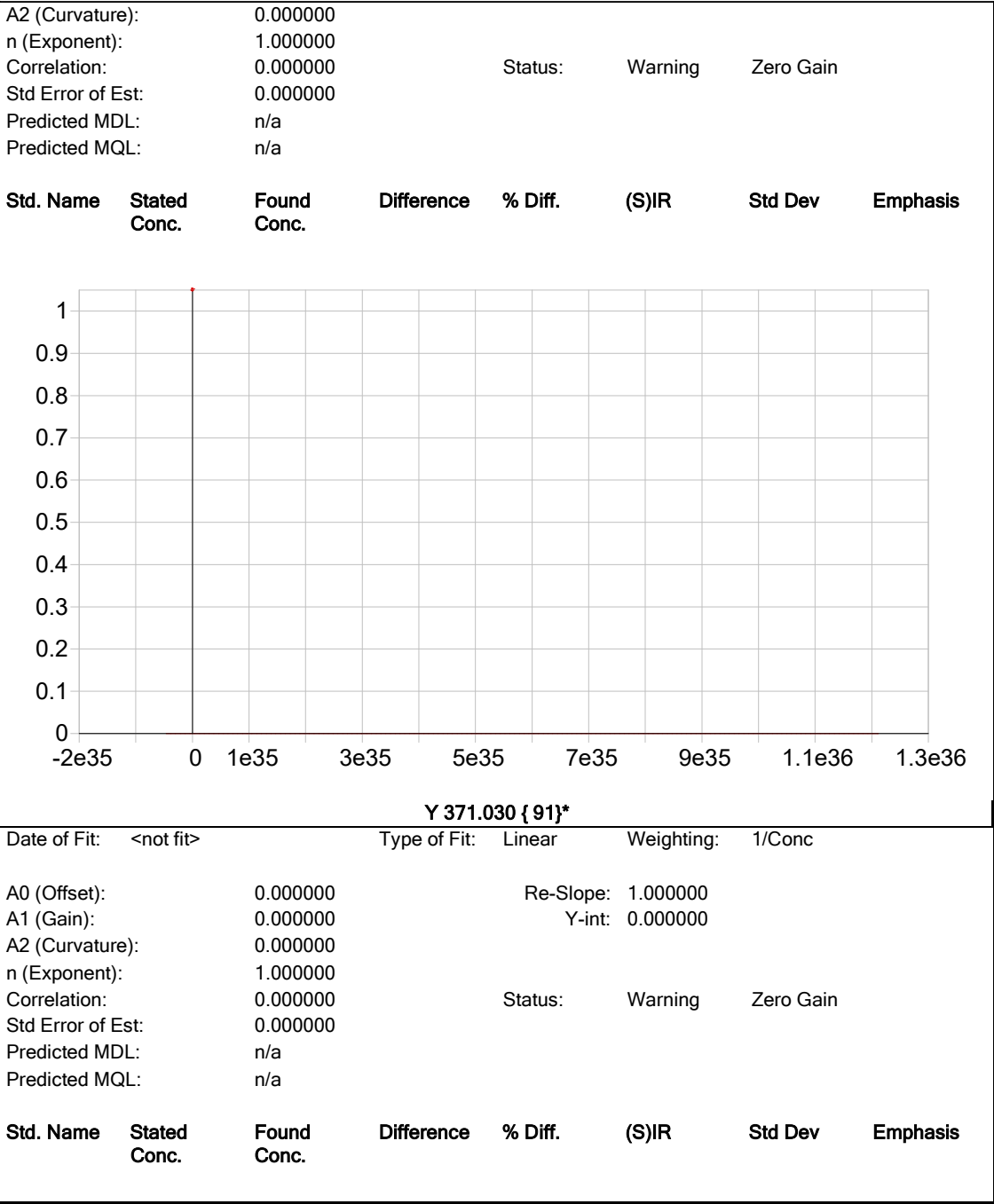


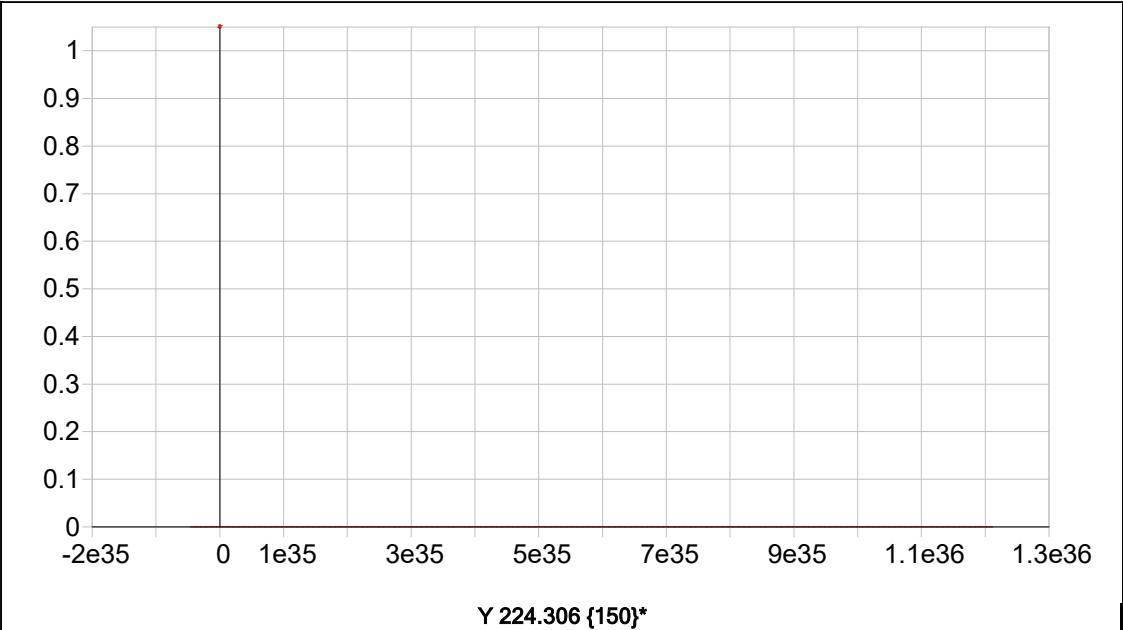
Date of Fit:	3/26/2025 11:49:43	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------

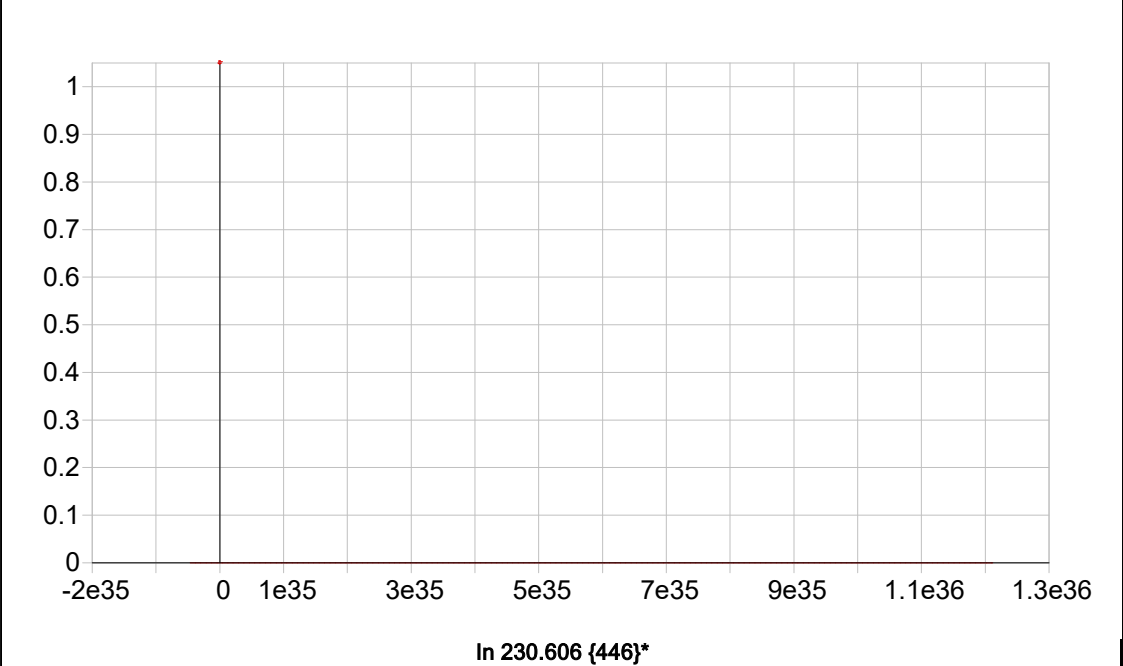


Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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: 3/26/2025 10:38:39 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	-.00007	-.00006	.00002	.00026	.00037	.00001	.05108	-.00039
Stddev	.00008	.00012	.00022	.00015	.00018	.00045	.00116	.00020
%RSD	118.94	190.79	1031.5	57.269	48.113	6237.9	2.2664	51.605
#1	.00002	-.00013	.00022	.00032	.00043	.00033	.05017	-.00029
#2	-.00014	.00007	-.00021	.00009	.00052	-.00051	.05069	-.00025
#3	-.00008	-.00012	.00005	.00036	.00017	.00020	.05239	-.00062
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	.00002	.00115	.00003	.00011	-.00031	.00007	.00073	-.00026
Stddev	.00011	.00006	.00006	.00016	.00011	.00002	.00030	.00009
%RSD	448.94	5.5597	192.24	147.18	34.424	26.896	41.017	34.997
#1	-.00010	.00110	.00009	.00005	-.00040	.00010	.00038	-.00036
#2	.00010	.00122	.00005	-.00002	-.00034	.00006	.00092	-.00023
#3	.00007	.00113	-.00004	.00030	-.00019	.00006	.00088	-.00019
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	-.00037	-.00147	.00095	-.00005	.01157	-.00070	.00186	.00018
Stddev	.00027	.00007	.00002	.00026	.00067	.00006	.00007	.00006
%RSD	71.532	4.5340	2.1482	523.33	5.7715	9.2565	3.7077	31.514
#1	-.00042	-.00154	.00094	.00020	.01110	-.00074	.00180	.00017
#2	-.00009	-.00147	.00093	-.00031	.01233	-.00062	.00185	.00013
#3	-.00062	-.00140	.00097	-.00004	.01127	-.00072	.00193	.00024
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	.00048	.00197	.00014	-.00091	.00012	.00944	.00023	
Stddev	.00003	.00021	.00002	.00006	.00003	.00073	.00034	
%RSD	6.2027	10.873	15.744	7.1149	24.391	7.7582	146.68	
#1	.00047	.00221	.00013	-.00098	.00015	.00859	-.00015	
#2	.00046	.00188	.00012	-.00085	.00011	.00986	.00036	
#3	.00052	.00181	.00016	-.00089	.00009	.00986	.00048	

Sample Name: S0 Acquired: 3/26/2025 10:38:39 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3575.8	78762.	14325.	2496.2	5505.7
Stddev	5.1	105.	36.	5.0	1.2
%RSD	.14224	.13324	.24921	.20064	.02226
#1	3580.1	78875.	14325.	2500.2	5504.5
#2	3577.2	78668.	14361.	2490.6	5505.6
#3	3570.2	78743.	14290.	2497.9	5506.9

Sample Name: S1 Acquired: 3/26/2025 10:43:02 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	.00087	.00201	.00249	.00123	.00578	.00755	.24997	.01796
Stddev	.00006	.00012	.00009	.00011	.00013	.00035	.00143	.00027
%RSD	7.4072	5.9468	3.6081	8.5963	2.3216	4.6358	.57319	1.5015
#1	.00081	.00190	.00259	.00124	.00573	.00771	.24943	.01795
#2	.00087	.00200	.00241	.00112	.00592	.00779	.25159	.01824
#3	.00094	.00213	.00247	.00134	.00567	.00715	.24888	.01770
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	.01254	.13971	.00164	.02256	.01338	.00052	.01210	.02738
Stddev	.00010	.00021	.00005	.00021	.00025	.00003	.00020	.00018
%RSD	.79752	.15296	3.3018	.93536	1.8613	5.8645	1.6320	.67140
#1	.01244	.13990	.00170	.02259	.01333	.00052	.01199	.02719
#2	.01263	.13975	.00159	.02276	.01316	.00048	.01197	.02755
#3	.01256	.13948	.00163	.02234	.01365	.00054	.01232	.02740
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	.02835	.00116	.01624	.00454	.10682	.00773	.03399	.12116
Stddev	.00023	.00004	.00012	.00013	.00055	.00006	.00032	.00046
%RSD	.80153	3.1645	.71677	2.9163	.51437	.76243	.93946	.38032
#1	.02809	.00120	.01612	.00454	.10621	.00768	.03419	.12082
#2	.02848	.00114	.01635	.00468	.10699	.00772	.03415	.12168
#3	.02849	.00114	.01623	.00441	.10727	.00780	.03362	.12097
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	.00403	.01599	.00200	-.00043	.00049	.02422	.14041	
Stddev	.00003	.00017	.00004	.00006	.00002	.00047	.00045	
%RSD	.72307	1.0589	2.0788	13.986	4.4350	1.9353	.32035	
#1	.00399	.01614	.00203	-.00039	.00049	.02474	.14060	
#2	.00403	.01580	.00196	-.00050	.00047	.02407	.14074	
#3	.00405	.01602	.00202	-.00040	.00052	.02384	.13990	

Sample Name: S1 Acquired: 3/26/2025 10:43:02 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3500.1	77283.	14885.	2410.0	5360.3
Stddev	1.3	130.	74.	3.4	8.7
%RSD	.03648	.16828	.49429	.14313	.16192
#1	3500.3	77402.	14880.	2412.4	5364.9
#2	3498.7	77144.	14815.	2406.1	5350.3
#3	3501.2	77303.	14961.	2411.6	5365.8

Sample Name: S2 Acquired: 3/26/2025 10:47:19 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	.04016	.04927	.19279	.04294	.09440	.12318	3.6340	.13701
Stddev	.00005	.00035	.00037	.00018	.00059	.00006	.0063	.00110
%RSD	.12107	.71813	.19038	.42946	.61988	.04774	.17392	.80224

#1	.04013	.04908	.19275	.04274	.09403	.12313	3.6331	.13664
#2	.04013	.04906	.19245	.04298	.09410	.12318	3.6407	.13824
#3	.04022	.04968	.19318	.04310	.09508	.12324	3.6282	.13613

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	.94116	.30686	.02911	.34068	.14370	.00450	.25802	.05658
Stddev	.00197	.00056	.00002	.00104	.00060	.00001	.00095	.00040
%RSD	.20911	.18236	.05832	.30437	.41425	.24343	.36734	.70931

#1	.93933	.30624	.02910	.34043	.14301	.00451	.25699	.05625
#2	.94091	.30733	.02913	.33979	.14400	.00450	.25886	.05703
#3	.94324	.30703	.02910	.34182	.14408	.00449	.25820	.05647

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	.32609	.05490	.03483	.05218	1.0567	.01735	.28091	.53856
Stddev	.00110	.00008	.00019	.00014	.0062	.00013	.00182	.00176
%RSD	.33663	.15308	.53994	.26683	.58880	.73444	.64683	.32743

#1	.32528	.05497	.03495	.05232	1.0616	.01749	.27977	.53846
#2	.32565	.05492	.03461	.05204	1.0497	.01724	.28301	.53685
#3	.32734	.05481	.03493	.05219	1.0587	.01733	.27997	.54038

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	.08861	.31419	.00470	.02550	.01763	.69371	6.3286
Stddev	.00014	.00059	.00001	.00009	.00011	.00228	.0164
%RSD	.15600	.18843	.28787	.36642	.64373	.32838	.25978

#1	.08851	.31411	.00472	.02561	.01758	.69283	6.3340
#2	.08855	.31482	.00469	.02546	.01754	.69629	6.3416
#3	.08877	.31364	.00469	.02544	.01776	.69199	6.3101

Sample Name: S2 Acquired: 3/26/2025 10:47:19 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3476.2	76661.	14921.	2388.8	5244.6
Stddev	3.6	260.	72.	11.3	3.7
%RSD	.10272	.33907	.48315	.47458	.06970
#1	3479.4	76394.	14931.	2378.9	5248.8
#2	3476.8	76914.	14844.	2401.1	5243.3
#3	3472.3	76674.	14987.	2386.3	5241.8

Sample Name: S3 Acquired: 3/26/2025 10:51:23 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	.11069	.13600	.53603	.11717	.25860	.34022	9.9592	.38126
Stddev	.00049	.00108	.00382	.00027	.00108	.00090	.0142	.00051
%RSD	.44669	.79459	.71231	.22948	.41935	.26522	.14260	.13281
#1	.11025	.13483	.53399	.11693	.25796	.34106	9.9623	.38165
#2	.11060	.13697	.53366	.11746	.25798	.33927	9.9715	.38069
#3	.11122	.13620	.54043	.11713	.25985	.34032	9.9437	.38145
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6238	.84455	.07965	.94699	.39024	.01195	.70577	.15696
Stddev	.0089	.00114	.00018	.00487	.00166	.00006	.00169	.00035
%RSD	.34103	.13461	.23002	.51382	.42617	.52796	.23931	.21987
#1	2.6192	.84517	.07972	.94464	.38877	.01190	.70740	.15729
#2	2.6180	.84525	.07980	.94374	.38990	.01202	.70590	.15700
#3	2.6341	.84324	.07945	.95258	.39204	.01193	.70403	.15660
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	.90515	.15139	.09527	.14407	2.8768	.04906	.77398	1.4611
Stddev	.00343	.00012	.00024	.00048	.0107	.00025	.00336	.0042
%RSD	.37934	.07851	.25003	.33426	.37269	.51232	.43437	.28949
#1	.90371	.15144	.09505	.14455	2.8892	.04885	.77612	1.4577
#2	.90267	.15147	.09552	.14407	2.8704	.04934	.77011	1.4596
#3	.90907	.15125	.09524	.14358	2.8709	.04899	.77572	1.4658
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	.24723	.86158	.01281	.07540	.05012	1.9098	17.446	
Stddev	.00072	.00070	.00011	.00048	.00015	.0030	.042	
%RSD	.29175	.08109	.82601	.63108	.30461	.15935	.24002	
#1	.24691	.86097	.01276	.07499	.04996	1.9113	17.494	
#2	.24672	.86234	.01293	.07531	.05013	1.9119	17.418	
#3	.24805	.86144	.01273	.07592	.05027	1.9063	17.425	

Sample Name: S3 Acquired: 3/26/2025 10:51:23 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3413.5	75449.	14556.	2350.8	4997.6
Stddev	7.1	322.	19.	14.3	16.1
%RSD	.20696	.42623	.13313	.60747	.32287
#1	3417.4	75739.	14569.	2344.5	5007.1
#2	3417.7	75103.	14534.	2340.8	5006.7
#3	3405.3	75504.	14565.	2367.2	4979.0

Sample Name: S4 Acquired: 3/26/2025 10:55:28 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	.22305	.27289	1.0784	.23446	.52134	.69564	20.356	.76929
Stddev	.00121	.00318	.0013	.00149	.00246	.00226	.088	.00303
%RSD	.54033	1.1665	.11867	.63596	.47185	.32467	.43283	.39347
#1	.22235	.27129	1.0770	.23414	.52126	.69758	20.385	.77224
#2	.22236	.27082	1.0788	.23316	.51893	.69618	20.257	.76943
#3	.22445	.27655	1.0794	.23609	.52385	.69316	20.425	.76619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3128	1.7037	.15834	1.9167	.77723	.02382	1.4234	.31901
Stddev	.0118	.0054	.00069	.0042	.00372	.00003	.0058	.00077
%RSD	.22165	.31913	.43381	.22054	.47807	.10697	.40677	.24116
#1	5.3143	1.7075	.15757	1.9171	.77592	.02382	1.4301	.31990
#2	5.3004	1.7061	.15853	1.9123	.77434	.02379	1.4206	.31863
#3	5.3238	1.6974	.15891	1.9208	.78142	.02385	1.4196	.31850
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	1.8217	.30499	.19759	.29427	5.7334	.10074	1.5756	2.9399
Stddev	.0037	.00032	.00031	.00140	.0080	.00007	.0078	.0146
%RSD	.20400	.10584	.15735	.47501	.13904	.06687	.49300	.49657
#1	1.8219	.30462	.19785	.29546	5.7421	.10068	1.5820	2.9343
#2	1.8179	.30518	.19725	.29462	5.7316	.10081	1.5778	2.9289
#3	1.8253	.30517	.19768	.29273	5.7264	.10072	1.5669	2.9564
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	.50138	1.7590	.02615	.15764	.10329	3.9706	35.309	
Stddev	.00165	.0055	.00023	.00066	.00032	.0136	.323	
%RSD	.32910	.31404	.86206	.41875	.30967	.34178	.91607	
#1	.50090	1.7651	.02589	.15734	.10338	3.9848	35.603	
#2	.50003	1.7577	.02625	.15718	.10293	3.9693	35.363	
#3	.50322	1.7542	.02631	.15839	.10355	3.9578	34.962	

Sample Name: S4 Acquired: 3/26/2025 10:55:28 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3382.4	75098.	14339.	2318.4	4861.9
Stddev	12.4	226.	27.	12.3	10.5
%RSD	.36808	.30087	.18611	.53240	.21559
#1	3391.8	75346.	14309.	2326.2	4870.2
#2	3387.1	75044.	14349.	2324.8	4865.3
#3	3368.2	74903.	14359.	2304.2	4850.1

Sample Name: S5 Acquired: 3/26/2025 10:59:39 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	.44910	.53584	2.1340	.47089	1.0439	1.4067	40.339	1.4956
Stddev	.00286	.00297	.0052	.00190	.0060	.0043	.322	.0038
%RSD	.63766	.55445	.24224	.40365	.57995	.30894	.79769	.25643

#1	.44846	.53341	2.1361	.46946	1.0416	1.4058	40.340	1.4913
#2	.44661	.53496	2.1281	.47016	1.0392	1.4114	40.017	1.4988
#3	.45223	.53915	2.1378	.47305	1.0507	1.4029	40.660	1.4966

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	10.638	3.4097	.31271	3.8369	1.5223	.04741	2.8067	.64249
Stddev	.036	.0078	.00116	.0110	.0064	.00009	.0082	.00228
%RSD	.33799	.22866	.37176	.28545	.41943	.18093	.29109	.35449

#1	10.655	3.4091	.31384	3.8420	1.5231	.04751	2.8105	.64121
#2	10.597	3.4177	.31276	3.8243	1.5156	.04739	2.8123	.64512
#3	10.663	3.4022	.31152	3.8444	1.5283	.04734	2.7973	.64114

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	3.6320	.60694	.40443	.59275	11.330	.20780	3.0528	5.8028
Stddev	.0113	.00064	.00315	.00196	.013	.00120	.0147	.0331
%RSD	.31136	.10560	.77979	.33098	.11911	.57751	.48152	.57132

#1	3.6373	.60712	.40801	.59356	11.338	.20918	3.0362	5.7990
#2	3.6191	.60747	.40321	.59417	11.314	.20716	3.0640	5.7716
#3	3.6398	.60623	.40207	.59051	11.337	.20705	3.0583	5.8376

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	.99872	3.5251	.05401	.31991	.21247	8.0167	70.128	
Stddev	.00350	.0123	.00009	.00126	.00100	.0215	.483	
%RSD	.35092	.34849	.16828	.39496	.47089	.26752	.68805	

#1	1.0002	3.5328	.05411	.32042	.21245	8.0377	69.579	
#2	.99472	3.5316	.05399	.31847	.21148	8.0176	70.317	
#3	1.0012	3.5109	.05393	.32084	.21348	7.9949	70.487	

Sample Name: S5 Acquired: 3/26/2025 10:59:39 Type: Cal
Method: NON EPA-6010-200.7(v2846) 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	3259.3	72574.	14089.	2190.1	4597.9
Stddev	15.5	231.	66.	4.9	15.6
%RSD	.47426	.31779	.47014	.22347	.33824
#1	3254.0	72547.	14135.	2185.2	4585.1
#2	3276.7	72359.	14013.	2190.2	4615.2
#3	3247.2	72818.	14118.	2195.0	4593.3

Sample Name: ICV01 Acquired: 3/26/2025 11:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	1.029091	1.069720	1.002418	1.071376	1.041026	2.547675
Stddev	.009398	.013392	.004000	.008936	.005950	.010381
%RSD	.9132628	1.251904	.3990146	.8340683	.5715434	.4074709
#1	1.024089	1.069291	.998844	1.074109	1.039646	2.539214
#2	1.023251	1.056548	1.001670	1.061393	1.035888	2.559259
#3	1.039932	1.083322	1.006738	1.078626	1.047545	2.544550
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4861886	.4988560	.5083013	9.860524	.5371304	.5164327
Stddev	.0016638	.0013771	.0018621	.036689	.0009200	.0014939
%RSD	.3422060	.2760572	.3663314	.3720812	.1712861	.2892739
#1	.4863265	.4978520	.5077038	9.843079	.5378957	.5165724
#2	.4877790	.5004259	.5068113	9.902681	.5373859	.5148739
#3	.4844601	.4982901	.5103887	9.835813	.5361096	.5178519
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5407298	9.981188	.4998217	5.915820	.5209704	.2591278
Stddev	.0018490	.044909	.0010790	.026119	.0024199	.0004906
%RSD	.3419431	.4499399	.2158753	.4415094	.4644960	.1893142
#1	.5400372	10.03198	.4988537	5.887272	.5202136	.2596008
#2	.5393271	9.94675	.5009850	5.938517	.5190194	.2591613
#3	.5428251	9.96483	.4996265	5.921672	.5236782	.2586214
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.324160	.4914740	1.032221	9.792016	2.260478	2.444742
Stddev	.037155	.0004529	.006662	.054386	.013435	.010727
%RSD	.3984774	.0921578	.6454181	.5554086	.5943314	.4387738
#1	9.366427	.4911965	1.038072	9.822161	2.253658	2.440854
#2	9.296655	.4912288	1.033620	9.729233	2.275954	2.436501
#3	9.309397	.4919966	1.024970	9.824654	2.251820	2.456870

Sample Name: ICV01 Acquired: 3/26/2025 11:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.353155	2.282084	F 1.982501	F -.002943	F .0005777	F .0026667
Stddev	.011364	.005119	.008258	.003075	.0016612	.0006035
%RSD	.4829340	.2243063	.4165435	104.4588	287.5316	22.63203
#1	2.348896	2.276845	1.990799	.000283	.0013539	.0020045
#2	2.344536	2.287074	1.974284	-.003275	-.001329	.0028098
#3	2.366034	2.282334	1.982419	-.005839	.001709	.0031858

Elem	Sr4077
Units	ppm
Avg	F -.007310
Stddev	.000075
%RSD	1.028248
#1	-.007392
#2	-.007294
#3	-.007244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.795	75628.36	15108.53	2268.340	5093.366
Stddev	6.374	149.45	37.40	11.854	10.099
%RSD	.1886615	.1976106	.2475222	.5225943	.1982765
#1	3382.041	75455.83	15134.01	2254.733	5098.484
#2	3382.894	75717.84	15065.59	2273.851	5099.881
#3	3371.451	75711.41	15125.98	2276.435	5081.733

Sample Name: LLICV01 Acquired: 3/26/2025 11:14:19 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0213392	.0399131	.0110500	.0183796	.0507560	.1009109
Stddev	.0013243	.0008650	.0009920	.0009910	.0004369	.0014849
%RSD	6.205916	2.167151	8.977401	5.392067	.8607830	1.471533

#1	.0228662	.0390330	.0119690	.0193408	.0503625	.0994406
#2	.0205057	.0399444	.0099983	.0173612	.0506794	.1024100
#3	.0206457	.0407621	.0111826	.0184369	.0512262	.1008822

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913396	.0059868	.0056758	1.978816	.0103439	.0288053
Stddev	.0006016	.0000413	.0000408	.012073	.0000933	.0001784
%RSD	.6586161	.6899631	.7185356	.6100915	.9019762	.6191512

#1	.0913668	.0059403	.0056829	1.979361	.0104486	.0286158
#2	.0919271	.0060193	.0056320	1.966481	.0103136	.0288303
#3	.0907248	.0060007	.0057126	1.990607	.0102696	.0289699

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220383	.0874981	.0190446	2.117994	.0384363	.0105807
Stddev	.0004372	.0015201	.0003757	.000818	.0003564	.0000597
%RSD	1.983929	1.737236	1.972605	.0386200	.9272041	.5646013

#1	.0218666	.0858489	.0194744	2.118907	.0383318	.0105228
#2	.0217130	.0888429	.0187786	2.117746	.0388332	.0106421
#3	.0225353	.0878025	.0188808	2.117329	.0381438	.0105770

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799293	.0391283	.0414472	1.930590	.1091673	.2064554
Stddev	.012511	.0007709	.0004783	.014907	.0015526	.0005191
%RSD	.6953342	1.970218	1.153883	.7721419	1.422237	.2514149

#1	1.806487	.0385563	.0410346	1.937794	.1086870	.2062967
#2	1.806546	.0400050	.0413356	1.940526	.1079117	.2060342
#3	1.784846	.0388237	.0419714	1.913449	.1109034	.2070353

Sample Name: LLICV01 Acquired: 3/26/2025 11:14:19 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0347300	.0390057	.3550186	F .0152757	.0182364	.0179706
Stddev	.0002047	.0006423	.0103288	.0021136	.0020164	.0012556
%RSD	.5894448	1.646714	2.909370	13.83634	11.05697	6.987074
#1	.0346639	.0391169	.3655612	.0150245	.0182106	.0194088
#2	.0349596	.0383151	.3545768	.0175037	.0162330	.0174104
#3	.0345665	.0395852	.3449178	.0132990	.0202656	.0170926

Elem	Sr4077
Units	ppm
Avg	.0190396
Stddev	.0000761
%RSD	.3998698
#1	.0190716
#2	.0189527
#3	.0190946

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3450.342	75915.67	14705.90	2291.617	5360.111
Stddev	11.476	226.12	32.65	2.241	16.518
%RSD	.3325920	.2978612	.2220115	.0978065	.3081664
#1	3460.505	76126.12	14678.30	2292.743	5371.190
#2	3452.626	75676.60	14741.94	2293.072	5368.016
#3	3437.897	75944.29	14697.45	2289.036	5341.126

Sample Name: ICB01 Acquired: 3/26/2025 11:18:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0004228	.0007959	-.000210	-.003248	-.000383	-.002079	-.003593
Stddev	.0008733	.0014985	.000312	.002577	.001114	.005712	.000998
%RSD	206.5250	188.2702	148.4162	79.34612	290.8076	274.7498	27.76921

#1	-.000299	-.000231	.000017	-.002180	-.001277	-.008674	-.004210
#2	.001394	.002515	-.000082	-.006188	.000865	.001132	-.004127
#3	.000174	.000104	-.000566	-.001377	-.000736	.001305	-.002442

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000765	-.000040	.0026575	.0003614	.0000072	-.000632	-.008987
Stddev	.0000713	.000088	.0028483	.0002381	.0001533	.000380	.001979
%RSD	93.23434	220.8078	107.1762	65.89363	2126.615	60.06356	22.02006

#1	.0001576	-.000141	.0029523	.0005187	.0000799	-.000207	-.007053
#2	.0000483	.000021	.0053469	.0004780	-.000169	-.000753	-.011007
#3	.0000236	.000000	-.000327	.0000874	.000111	-.000937	-.008900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000869	.0010194	.0002508	.0004508	-.025663	.0009972	-.000674
Stddev	.000211	.0102446	.0001562	.0001632	.013575	.0011458	.000406
%RSD	24.31693	1004.938	62.26475	36.19426	52.89822	114.9019	60.22256

#1	-.001070	.0126879	.0000988	.0002677	-.017594	.0020958	-.000362
#2	-.000649	-.003130	.0002428	.0005038	-.018059	.0010866	-.001133
#3	-.000889	-.006499	.0004108	.0005808	-.041336	-.000191	-.000527

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284197	.0037431	-.000024	-.003622	.0003188	-.001202	-.003766
Stddev	.0102977	.0006061	.000375	.000529	.0003011	.009157	.000541
%RSD	36.23454	16.19194	1556.884	14.60448	94.43771	761.6554	14.35735

#1	.0319521	.0038605	.000299	-.004169	.0004418	-.009188	-.004379
#2	.0168206	.0030870	-.000435	-.003582	-.000024	-.003211	-.003560
#3	.0364863	.0042820	.000064	-.003114	.000539	.008792	-.003358

Sample Name: ICB01 Acquired: 3/26/2025 11:18:35 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0010088	-.000965	.0000366
Stddev	.0033583	.000723	.0000873
%RSD	332.9135	74.84115	238.4790
#1	-.001068	-.000155	-.000025
#2	-.000789	-.001542	.000137
#3	.004883	-.001200	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.302	78681.04	14523.90	2349.077	5426.368
Stddev	5.621	1178.28	155.25	32.267	12.851
%RSD	.1632091	1.497540	1.068925	1.373619	.2368247
#1	3448.967	79640.24	14434.72	2379.080	5428.569
#2	3445.878	79037.08	14433.80	2353.207	5437.976
#3	3438.061	77365.80	14703.16	2314.943	5412.559

Sample Name: CRI01 Acquired: 3/26/2025 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0194858	.0401006	.0109307	.0196340	.0502325	.1028888	.0883454
Stddev	.0009603	.0014307	.0003703	.0048987	.0007482	.0059055	.0006013
%RSD	4.928409	3.567799	3.387749	24.94987	1.489402	5.739657	.6806182

#1	.0195856	.0386266	.0105389	.0139784	.0505611	.1035843	.0876712
#2	.0203922	.0401917	.0109782	.0223741	.0493763	.0966664	.0888263
#3	.0184794	.0414837	.0112749	.0225495	.0507601	.1084157	.0885387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058863	.0057293	1.965241	.0100839	.0287509	.0220305	.0852615
Stddev	.0000319	.0000553	.010991	.0003292	.0000672	.0007303	.0014588
%RSD	.5424419	.9642823	.5592902	3.264853	.2336547	3.314724	1.710911

#1	.0058496	.0056728	1.957619	.0104147	.0288172	.0222839	.0840863
#2	.0059017	.0057832	1.977841	.0100807	.0286829	.0226003	.0868941
#3	.0059076	.0057319	1.960264	.0097563	.0287525	.0212073	.0848039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186246	2.084045	.0389297	.0109877	1.752440	.0397123	.0418942
Stddev	.0003385	.021185	.0000931	.0004004	.010546	.0006165	.0008101
%RSD	1.817315	1.016557	.2392274	3.644420	.6017929	1.552425	1.933713

#1	.0182439	2.064908	.0389316	.0108573	1.763336	.0404168	.0412683
#2	.0188915	2.080417	.0388357	.0114371	1.751702	.0394481	.0428092
#3	.0187384	2.106811	.0390219	.0106688	1.742283	.0392718	.0416051

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.951120	.1030350	.2086197	.0349819	.0388248	.3545481	.0152597
Stddev	.007638	.0007609	.0005436	.0005416	.0006061	.0079148	.0007761
%RSD	.3914742	.7384830	.2605719	1.548320	1.561241	2.232370	5.086027

#1	1.943676	.1023964	.2079926	.0353220	.0389939	.3501517	.0161335
#2	1.950747	.1028318	.2089565	.0343573	.0381520	.3498073	.0146506
#3	1.958939	.1038769	.2089100	.0352665	.0393284	.3636851	.0149949

Sample Name: CRI01 Acquired: 3/26/2025 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0175854	.0160567	.0187986
Stddev	.0016241	.0004006	.0000857
%RSD	9.235456	2.494880	.4556469
#1	.0157587	.0156962	.0188507
#2	.0181309	.0159859	.0186997
#3	.0188665	.0164880	.0188453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.601	75585.27	14790.46	2239.967	5314.235
Stddev	2.752	156.44	47.28	4.024	5.724
%RSD	.0810133	.2069733	.3196448	.1796348	.1077156
#1	3399.450	75407.17	14837.84	2237.778	5313.676
#2	3396.394	75700.46	14743.28	2237.513	5320.218
#3	3393.958	75648.19	14790.25	2244.611	5308.811

Sample Name: ICSA01 Acquired: 3/26/2025 11:27:12 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046399	.0089747	.0118412	-.016204	-.002660	242.8071	.0007834
Stddev	.0028083	.0021164	.0013275	.001922	.003028	.5054	.0005871
%RSD	60.52457	23.58221	11.21069	11.86105	113.8510	.2081301	74.93615

#1	.0076404	.0091944	.0105217	-.016204	-.001746	243.3879	.0002534
#2	.0020746	.0109728	.0131766	-.014282	-.006039	242.4677	.0014145
#3	.0042048	.0067570	.0118253	-.018126	-.000193	242.5658	.0006825

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013863	-.002737	225.9369	.0572086	.0018404	.0102667	93.79729
Stddev	.0000746	.000235	.5514	.0002721	.0002422	.0003694	.46043
%RSD	5.378457	8.595388	.2440381	.4755652	13.15920	3.598267	.4908736

#1	.0013936	-.003002	226.4121	.0574624	.0017394	.0098523	94.23830
#2	.0013083	-.002554	225.3323	.0569214	.0021167	.0103865	93.31963
#3	.0014569	-.002653	226.0661	.0572421	.0016651	.0105614	93.83393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102189	245.4586	.0020568	-.000982	.0562180	.0049859	.0040772
Stddev	.0002627	.4004	.0003802	.000128	.0148482	.0016353	.0002410
%RSD	2.571018	.1631163	18.48637	13.02139	26.41183	32.79826	5.911210

#1	.0099275	245.8473	.0016205	-.000927	.0527872	.0044562	.0038474
#2	.0102913	245.0475	.0022327	-.001128	.0433855	.0036811	.0043280
#3	.0104377	245.4810	.0023172	-.000891	.0724813	.0068204	.0040562

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683150	-.088753	-.000065	-.008160	-.000835	.0206481	-.000436
Stddev	.0597705	.003693	.000390	.000682	.000868	.0027531	.002362
%RSD	87.49242	4.160665	598.7949	8.357799	103.9426	13.33338	541.6506

#1	.1152792	-.084644	-.000244	-.007507	-.001025	.0198411	-.002651
#2	.0886310	-.091793	-.000333	-.008106	-.001592	.0237145	.002050
#3	.0010347	-.089823	.000382	-.008868	.000112	.0183887	-.000707

Sample Name: ICSA01 Acquired: 3/26/2025 11:27:12 Type: Unk
 Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.011925	.0013759	.0074427
Stddev	.006507	.0013630	.0002103
%RSD	54.56895	99.06457	2.826315
#1	-.017156	-.000008	.0072009
#2	-.004638	.002717	.0075437
#3	-.013980	.001419	.0075835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.548	66649.02	14070.32	1978.089	4247.202
Stddev	9.966	258.37	27.48	7.220	15.454
%RSD	.3280959	.3876645	.1952946	.3650016	.3638526
#1	3044.346	66406.50	14049.02	1971.572	4260.828
#2	3042.189	66920.76	14101.33	1985.851	4250.368
#3	3026.107	66619.80	14060.59	1976.846	4230.411

Sample Name: ICSAB01 Acquired: 3/26/2025 11:31:28 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.1099093	.1065273	.0586897	.0350178	.6265728	245.7734
Stddev	.0030250	.0024898	.0024623	.0015890	.0055353	.6139
%RSD	2.752288	2.337280	4.195492	4.537788	.8834307	.2497936

#1	.1124419	.1062517	.0614085	.0334575	.6215722	246.1978
#2	.1065597	.1041868	.0566096	.0366341	.6256256	246.0530
#3	.1107264	.1091435	.0580511	.0349617	.6325206	245.0695

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4833846	.4878811	1.016269	232.2754	.5789690	.5177131
Stddev	.0008011	.0019684	.002490	.2583	.0006258	.0011531
%RSD	.1657232	.4034548	.2450190	.1112237	.1080959	.2227240

#1	.4843062	.4856321	1.017204	232.0864	.5791701	.5180771
#2	.4829919	.4887208	1.013447	232.1701	.5782673	.5164219
#3	.4828556	.4892904	1.018156	232.5698	.5794696	.5186402

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5161079	99.37333	.4806598	248.5317	1.023220	.2045853
Stddev	.0012497	.44817	.0013536	.6874	.002586	.0003805
%RSD	.2421373	.4509996	.2816029	.2765902	.2527325	.1860045

#1	.5158455	99.88779	.4791081	247.7475	1.024633	.2050035
#2	.5150102	99.06757	.4812735	248.8177	1.020235	.2044932
#3	.5174679	99.16461	.4815977	249.0300	1.024791	.2042593

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374966	.4813760	1.082194	.0441046	.8920834	1.084416
Stddev	.0181813	.0028510	.001440	.0099852	.0026831	.004178
%RSD	48.48789	.5922707	.1330276	22.63990	.3007716	.3853137

#1	.0292962	.4783673	1.081097	.0325750	.8894134	1.086142
#2	.0248598	.4840376	1.083824	.0499543	.8947795	1.079651
#3	.0583337	.4817230	1.081662	.0497844	.8920572	1.087455

Sample Name: ICSAB01 Acquired: 3/26/2025 11:31:28 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	1.070661	1.007535	.9597729	F -.001134	F -.011358	F .0021580
Stddev	.004290	.001710	.0072741	.005188	.005262	.0009550
%RSD	.4006417	.1696723	.7578966	457.6802	46.33327	44.25552
#1	1.074086	1.009475	.9675307	-.006094	-.016495	.0031434
#2	1.065850	1.006248	.9531057	-.001562	-.005978	.0012366
#3	1.072048	1.006882	.9586821	.004255	-.011601	.0020940

Elem	Sr4077
Units	ppm
Avg	F .0068518
Stddev	.0001482
%RSD	2.162579
#1	.0067732
#2	.0070228
#3	.0067595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.260	67663.31	14743.05	2016.286	4241.009
Stddev	9.638	175.29	61.39	4.733	12.581
%RSD	.3161856	.2590685	.4163882	.2347299	.2966583
#1	3042.132	67544.09	14802.30	2019.501	4236.784
#2	3059.369	67864.58	14747.13	2018.507	4255.159
#3	3043.278	67581.25	14679.73	2010.852	4231.084

Sample Name: CCV01 Acquired: 3/26/2025 11:35:39 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.996771	5.027527	4.970584	5.004620	4.990671	9.947529	9.878782
Stddev	.004693	.014441	.029240	.016708	.007151	.004132	.143176
%RSD	.0939222	.2872314	.5882664	.3338525	.1432813	.0415335	1.449325
#1	4.999218	5.017653	4.967250	5.013667	4.998456	9.952278	9.852324
#2	4.991360	5.044100	4.943154	4.985340	4.984395	9.944766	9.750681
#3	4.999734	5.020827	5.001348	5.014855	4.989162	9.945542	10.03334
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2454701	2.476142	24.64755	1.011196	2.480784	1.264460	4.899506
Stddev	.0016401	.013815	.07363	.002462	.015479	.004995	.032793
%RSD	.6681509	.5579143	.2987366	.2434420	.6239381	.3950083	.6693164
#1	.2472686	2.474158	24.73248	1.009582	2.478893	1.265941	4.864572
#2	.2450848	2.463427	24.60163	1.009977	2.466339	1.258893	4.904321
#3	.2440570	2.490842	24.60854	1.014030	2.497122	1.268547	4.929626
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.434416	24.62140	2.484033	1.243470	24.31074	2.480214	2.495380
Stddev	.001722	.04663	.011734	.001611	.09946	.000199	.007019
%RSD	.0707227	.1893699	.4723710	.1295657	.4091001	.0080140	.2812681
#1	2.434735	24.57017	2.481809	1.242624	24.21026	2.480027	2.496443
#2	2.435956	24.66136	2.473571	1.242457	24.31283	2.480423	2.487890
#3	2.432557	24.63268	2.496720	1.245328	24.40914	2.480193	2.501806
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.54076	4.900171	5.090410	4.979559	4.917168	4.881110	4.966114
Stddev	.08933	.025155	.011912	.026647	.012262	.062247	.005837
%RSD	.3639942	.5133404	.2340064	.5351273	.2493672	1.275267	.1175387
#1	24.44011	4.927594	5.095297	4.982113	4.930541	4.817155	4.960244
#2	24.57155	4.894748	5.076832	4.951728	4.914507	4.884678	4.966182
#3	24.61062	4.878170	5.099102	5.004838	4.906454	4.941496	4.971918

Sample Name: CCV01 Acquired: 3/26/2025 11:35:39 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.866788	4.902899	4.882509
Stddev	.022473	.011359	.060500
%RSD	.4617619	.2316881	1.239113
#1	4.863018	4.915781	4.854416
#2	4.846438	4.898593	4.951948
#3	4.890907	4.894321	4.841164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.462	74324.32	14473.84	2218.689	4818.142
Stddev	8.459	213.08	51.52	11.398	20.893
%RSD	.2559225	.2866828	.3559710	.5137338	.4336232
#1	3301.771	74546.62	14419.14	2225.061	4817.676
#2	3315.140	74304.48	14480.93	2225.477	4839.263
#3	3299.476	74121.86	14521.45	2205.530	4797.486

Sample Name: CCB01 Acquired: 3/26/2025 11:53:00 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.001003	-.000326	-.000795	.0005561	-.000559	-.000678	-.006224
Stddev	.003577	.000953	.001416	.0005524	.000525	.009172	.000573
%RSD	356.8304	292.8253	178.0563	99.33621	93.82154	1352.362	9.204110

#1	.002634	-.000548	.000838	.0011842	-.001165	.000135	-.006782
#2	-.004517	.000719	-.001547	.0001453	-.000270	.008061	-.006253
#3	-.001125	-.001148	-.001676	.0003389	-.000243	-.010230	-.005638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001204	-.000059	-.001435	-.000014	-.000077	-.000592	-.007266
Stddev	.0000314	.000046	.003173	.000036	.000132	.000365	.003575
%RSD	26.04241	78.31218	221.0692	258.0511	171.7792	61.63007	49.19751

#1	.0000842	-.000073	-.002733	-.000049	-.000147	-.000239	-.003246
#2	.0001382	-.000096	.002181	.000022	-.000159	-.000967	-.010087
#3	.0001388	-.000007	-.003754	-.000015	.000075	-.000569	-.008465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000510	.0078896	.0000359	.0005176	.0997740	.0003563	-.000691
Stddev	.0000681	.0082966	.0002080	.0001950	.0113577	.0010787	.000304
%RSD	133.5044	105.1586	579.5160	37.67089	11.38339	302.7466	43.95600

#1	.0001150	-.001370	-.000076	.0006233	.1127762	-.000416	-.001035
#2	.0000585	.014647	-.000092	.0002926	.0917883	-.000104	-.000574
#3	-.000021	.010392	.000276	.0006368	.0947576	.001589	-.000462

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005321	.0003852	-.000015	.0017762	.0010732	-.001582	-.002781
Stddev	.0197264	.0008521	.000196	.0001324	.0005132	.010273	.000741
%RSD	19.62202	221.2205	1307.480	7.453608	47.81661	649.4410	26.62768

#1	.0870068	.0005107	.000063	.0019092	.0010564	-.008697	-.003609
#2	.0914224	.0011676	.000130	.0016444	.0005686	.010196	-.002180
#3	.1231671	-.000523	-.000238	.0017750	.0015946	-.006245	-.002556

Sample Name: CCB01 Acquired: 3/26/2025 11:53:00 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0012064	.0064029	.0000242
Stddev	.0042267	.0003590	.0000326
%RSD	350.3635	5.606309	135.0171
#1	.0059081	.0064290	.0000591
#2	-.000011	.0067481	.0000190
#3	-.002278	.0060316	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.546	76467.93	15182.23	2228.795	5475.279
Stddev	6.564	92.22	106.67	4.284	9.027
%RSD	.1911206	.1205998	.7025672	.1921920	.1648674
#1	3434.414	76439.47	15301.74	2227.002	5475.291
#2	3441.175	76393.30	15148.28	2225.700	5484.300
#3	3428.048	76571.03	15096.68	2233.684	5466.246

Sample Name: PB167275TB Acquired: 3/26/2025 11:57:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.004333	-.006778	-.000713	.0048860	.0017299	.0051635
Stddev	.001631	.002150	.000939	.0011725	.0013120	.0048537
%RSD	37.64952	31.72266	131.5696	23.99703	75.84144	93.99934

#1	-.002540	-.007130	-.001638	.0035478	.0007603	.0002553
#2	-.005730	-.008731	-.000741	.0053774	.0012066	.0099608
#3	-.004727	-.004474	.000239	.0057328	.0032227	.0052744

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006948	-.000021	-.000118	-.006415	.0001709	-.000080
Stddev	.000116	.000033	.000076	.003686	.0002765	.000043
%RSD	1.670983	158.0708	64.22107	57.45080	161.7668	52.91635

#1	-.006914	-.000001	-.000199	-.002868	-.000039	-.000058
#2	-.007077	-.000060	-.000050	-.006152	.000484	-.000129
#3	-.006853	-.000003	-.000103	-.010225	.000067	-.000054

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.011429	.0006968	.0042859	.0007707	.0003200
Stddev	.000139	.003528	.0001857	.0109718	.0002566	.0003380
%RSD	89.28391	30.86548	26.64632	255.9965	33.29323	105.6102

#1	-.000009	-.015238	.0008938	.0058696	.0004774	.0006663
#2	-.000285	-.010773	.0006716	.0143798	.0009538	-.000009
#3	-.000174	-.008275	.0005251	-.007392	.0008810	.000303

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 463.4566	.0006017	-.000072	-.004142	-.001684	-.000066
Stddev	3.2532	.0007053	.000190	.009481	.000485	.000049
%RSD	.7019449	117.2193	263.8630	228.8879	28.82323	74.28508

#1	467.1971	.0004149	-.000291	-.004313	-.001326	-.000013
#2	461.8867	.0013815	.000055	-.013537	-.001490	-.000110
#3	461.2861	.0000086	.000020	.005423	-.002237	-.000074

Sample Name: PB167275TB Acquired: 3/26/2025 11:57:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.003470	.0004056	.0037425	.0017840	F .0271819	-.006761
Stddev	.000607	.0003563	.0023707	.0017081	.0017481	.000532
%RSD	17.50156	87.86118	63.34463	95.74262	6.431088	7.866889
#1	-.002776	.0003215	.0025196	.0004735	.0252505	-.007223
#2	-.003904	.0007964	.0064749	.0037158	.0286556	-.006880
#3	-.003730	.0000988	.0022330	.0011628	.0276398	-.006180

Elem	Sr4077
Units	ppm
Avg	.0000454
Stddev	.0000659
%RSD	145.0929
#1	.0001055
#2	.0000558
#3	-.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.214	70853.03	15185.80	2082.275	4565.744
Stddev	4.752	319.81	65.65	5.343	3.723
%RSD	.1506534	.4513730	.4322889	.2565843	.0815443
#1	3149.570	70662.74	15189.66	2080.310	4570.020
#2	3159.067	70674.09	15249.42	2088.322	4563.989
#3	3154.003	71222.25	15118.30	2078.193	4563.223

Sample Name: Q1626-03 Acquired: 3/26/2025 12:01:47 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.007843	-.004550	.2032495	.0003605	.0020849	.0066181	.3359157
Stddev	.003279	.000854	.0011848	.0009529	.0005630	.0027317	.0015372
%RSD	41.81283	18.77679	.5829380	264.3681	27.00283	41.27541	.4576271

#1	-.007982	-.005161	.2039342	-.000733	.0019382	.0081746	.3371995
#2	-.011050	-.004915	.2039330	.001015	.0027067	.0082159	.3363354
#3	-.004496	-.003574	.2018814	.000800	.0016097	.0034640	.3342122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000328	.0078066	74.44515	.0000254	.0049676	.1330203	.0825547
Stddev	.0000119	.0000751	.07697	.0002313	.0002405	.0008140	.0021220
%RSD	36.40086	.9616999	.1033963	912.6685	4.841547	.6119159	2.570436

#1	.0000221	.0077441	74.53279	-.000109	.0047662	.1325927	.0825060
#2	.0000457	.0077858	74.38855	-.000108	.0049028	.1325093	.0804575
#3	.0000306	.0078899	74.41410	.000292	.0052339	.1339590	.0847007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4686528	1.333113	.0150022	.0003089	290.0489	.0007623	2.047331
Stddev	.0004801	.015036	.0002924	.0001249	3.5029	.0012908	.006231
%RSD	.1024542	1.127923	1.949182	40.45229	1.207698	169.3268	.3043534

#1	.4689471	1.320031	.0151141	.0004145	288.6775	.0019025	2.040297
#2	.4689127	1.329768	.0146704	.0001710	287.4391	-.000639	2.052161
#3	.4680988	1.349540	.0152222	.0003411	294.0300	.001024	2.049535

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.422571	.1151951	.0000201	-.006372	-.001355	2.223404	.0071608
Stddev	.006340	.0012178	.0001834	.000680	.000139	.014872	.0015374
%RSD	.2617015	1.057166	910.3296	10.67720	10.28912	.6688679	21.46934

#1	2.419121	.1161222	-.000075	-.006579	-.001218	2.210100	.0078321
#2	2.429888	.1138159	-.000096	-.005612	-.001350	2.239459	.0054019
#3	2.418704	.1156473	.000232	-.006924	-.001497	2.220654	.0082484

Sample Name: Q1626-03 Acquired: 3/26/2025 12:01:47 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.124134	-.014436	.3029268
Stddev	.009346	.000961	.0007851
%RSD	.4400121	6.658759	.2591715

#1	2.119084	-.014142	.3035460
#2	2.118399	-.015510	.3031907
#3	2.134919	-.013656	.3020438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.587	71161.06	15455.25	2062.025	4543.171
Stddev	10.914	185.04	51.46	10.447	16.222
%RSD	.3494003	.2600232	.3329740	.5066473	.3570665

#1	3128.135	71321.69	15446.20	2074.069	4558.540
#2	3131.492	70958.73	15510.63	2056.585	4544.759
#3	3111.135	71202.76	15408.90	2055.420	4526.213

Sample Name: Q1606-09 Acquired: 3/26/2025 12:06:11 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0802065	.0022810	4.315889	-.022725	-.001105	63.07355
Stddev	.0028878	.0022420	.004490	.002050	.000462	.02916
%RSD	3.600430	98.29015	.1040348	9.018767	41.81186	.0462371

#1	.0818233	.0048272	4.319684	-.022330	-.000797	63.06146
#2	.0819236	.0014127	4.310932	-.024944	-.001636	63.10681
#3	.0768724	.0006030	4.317050	-.020903	-.000882	63.05237

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026642	.0059400	-.003821	64.37650	.1639797	.0781600
Stddev	.003808	.0001289	.000185	.14239	.0006743	.0004933
%RSD	.3709329	2.170444	4.836265	.2211877	.4111968	.6310893

#1	1.028500	.0060446	-.003872	64.37370	.1632103	.0778900
#2	1.029165	.0057960	-.003974	64.23552	.1644678	.0778606
#3	1.022262	.0059794	-.003616	64.52027	.1642610	.0787293

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7821892	190.2101	2.425769	26.72767	.1455602	.0019553
Stddev	.0014518	.2475	.001972	.11489	.0005325	.0001796
%RSD	.1856024	.1300984	.0812782	.4298603	.3658487	9.185510

#1	.7821299	190.2533	2.426889	26.66642	.1453213	.0017726
#2	.7807680	190.4331	2.423493	26.65637	.1451890	.0021316
#3	.7836697	189.9439	2.426926	26.86020	.1461704	.0019617

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.176597	.2172469	2.513705	13.33271	-.086569	.0117507
Stddev	.008569	.0011230	.005774	.07893	.004423	.0003864
%RSD	.1387341	.5169190	.2297013	.5919970	5.108839	3.287971

#1	6.181865	.2161488	2.518022	13.35707	-.083998	.0113094
#2	6.181217	.2171988	2.507147	13.39658	-.084032	.0119146
#3	6.166710	.2183932	2.515947	13.24447	-.091675	.0120281

Sample Name: Q1606-09 Acquired: 3/26/2025 12:06:11 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.4037153	2.920687	8.141795	9.017426	F 19.63799	.1962838
Stddev	.0013790	.003585	.014372	.007519	.06016	.0010353
%RSD	.3415642	.1227289	.1765161	.0833828	.3063361	.5274725
#1	.4022115	2.920378	8.138917	9.021679	19.60769	.1973139
#2	.4040136	2.924416	8.157388	9.008744	19.59900	.1962940
#3	.4049206	2.917267	8.129081	9.021854	19.70727	.1952433

Elem	Sr4077
Units	ppm
Avg	.1786895
Stddev	.0008714
%RSD	.4876577
#1	.1795617
#2	.1786878
#3	.1778189

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.607	79990.62	17633.19	2272.230	4777.144
Stddev	9.306	279.51	88.24	2.207	8.494
%RSD	.2632203	.3494274	.5004274	.0971112	.1778064
#1	3544.273	80240.80	17681.74	2272.644	4786.791
#2	3536.776	80042.10	17686.49	2274.200	4773.854
#3	3525.771	79688.94	17531.33	2269.845	4770.787

Sample Name: Q1627-01 Acquired: 3/26/2025 12:10:15 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.006747	-.005209	-.000238	-.000190	.0016302	-.047473	.1567068
Stddev	.002321	.000569	.001207	.001546	.0006543	.004271	.0005669
%RSD	34.39888	10.91568	508.1185	812.5399	40.13646	8.996635	.3617534

#1	-.005621	-.005243	-.000854	.001459	.0012318	-.045867	.1561166
#2	-.005203	-.005760	-.001012	-.000423	.0023854	-.044238	.1567568
#3	-.009416	-.004624	.001154	-.001607	.0012735	-.052314	.1572471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.000072	173.0012	.0002917	.0022135	-.000414	.0155840
Stddev	.000031	.000048	.5346	.0001464	.0002079	.000230	.0006829
%RSD	37.78135	67.11321	.3089949	50.17858	9.393484	55.68329	4.382295

#1	-.000076	-.000083	172.4590	.0003951	.0019808	-.000166	.0158614
#2	-.000116	-.000114	173.0167	.0001242	.0022789	-.000621	.0148060
#3	-.000055	-.000019	173.5278	.0003559	.0023809	-.000454	.0160847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9470711	7.165647	.0047261	.0003829	369.3983	.0024704	.0481969
Stddev	.0054719	.033662	.0002139	.0003184	1.9102	.0012400	.0002900
%RSD	.5777744	.4697672	4.526004	83.15583	.5171105	50.19388	.6017243

#1	.9419495	7.133550	.0046080	.0006589	370.5570	.0010690	.0482153
#2	.9464275	7.200682	.0049730	.0004551	367.1935	.0029167	.0484773
#3	.9528364	7.162710	.0045973	.0000346	370.4443	.0034254	.0478981

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.210969	.0637298	.0024918	-.006883	-.002885	5.293162	.0125165
Stddev	.059766	.0006870	.0002373	.000442	.000437	.023273	.0010500
%RSD	1.146931	1.077968	9.524956	6.424213	15.13287	.4396798	8.388881

#1	5.193117	.0635723	.0022192	-.006689	-.002719	5.266289	.0113510
#2	5.162163	.0631352	.0026038	-.007388	-.002556	5.306736	.0128101
#3	5.277627	.0644818	.0026524	-.006570	-.003380	5.306461	.0133885

Sample Name: Q1627-01 Acquired: 3/26/2025 12:10:15 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	6.756480	-.026741	.7187437
Stddev	.003560	.000782	.0018689
%RSD	.0526879	2.922997	.2600156
#1	6.752676	-.026307	.7174644
#2	6.757034	-.026273	.7178783
#3	6.759731	-.027644	.7208884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.434	68899.18	15521.92	1966.025	4399.513
Stddev	2.628	77.40	29.40	8.772	7.827
%RSD	.0868785	.1123391	.1894253	.4461979	.1779054
#1	3023.260	68965.33	15554.43	1975.742	4407.794
#2	3027.445	68918.14	15514.14	1958.689	4398.507
#3	3022.599	68814.05	15497.19	1963.643	4392.237

Sample Name: Q1630-02 Acquired: 3/26/2025 12:14:37 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.004101	-.005209	.0028404	-.000346	.0004634	-.028536	.5086504
Stddev	.001845	.001032	.0000138	.002560	.0010043	.000771	.0015654
%RSD	44.99095	19.80939	.4859706	739.1960	216.7326	2.703143	.3077547

#1	-.003886	-.006027	.0028245	-.003287	-.000432	-.029198	.5069856
#2	-.002372	-.005551	.0028483	.000865	.000272	-.027689	.5100926
#3	-.006043	-.004050	.0028484	.001383	.001549	-.028722	.5088727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	.0004567	127.6987	-.000457	-.000341	.0065099	-.005774
Stddev	.000059	.0000347	.2796	.000145	.000131	.0003091	.002702
%RSD	79.09989	7.589752	.2189553	31.76644	38.47847	4.747645	46.79938

#1	-.000132	.0004904	127.7249	-.000541	-.000358	.0061719	-.008475
#2	-.000014	.0004585	127.9643	-.000541	-.000202	.0065797	-.003070
#3	-.000079	.0004212	127.4069	-.000289	-.000462	.0067780	-.005778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070681	8.763997	.0019160	.0005255	312.7183	.0006601	.0879516
Stddev	.004096	.030736	.0002324	.0003235	4.9062	.0005598	.0005011
%RSD	.3825181	.3507047	12.12972	61.55823	1.568902	84.80653	.5697006

#1	1.072074	8.798350	.0021821	.0007819	317.3059	.0008903	.0873990
#2	1.073898	8.754542	.0017528	.0001620	307.5459	.0000219	.0880795
#3	1.066071	8.739100	.0018132	.0006327	313.3032	.0010681	.0883764

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.666250	.0404612	.0002591	-.007067	-.002552	.6352744	.0086860
Stddev	.047480	.0005452	.0000480	.000573	.000693	.0054846	.0012560
%RSD	2.849524	1.347397	18.54186	8.109085	27.16232	.8633394	14.46031

#1	1.624752	.0410841	.0002152	-.007662	-.001773	.6395196	.0099113
#2	1.655971	.0402286	.0003104	-.007021	-.003101	.6290819	.0087455
#3	1.718028	.0400709	.0002515	-.006519	-.002781	.6372217	.0074014

Sample Name: Q1630-02 Acquired: 3/26/2025 12:14:37 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.5867530	-.023965	.5047589
Stddev	.0041568	.000778	.0012700
%RSD	.7084414	3.246135	.2515995
#1	.5820400	-.024475	.5033448
#2	.5883223	-.023070	.5058024
#3	.5898967	-.024351	.5051294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.548	70640.06	15680.90	2032.317	4522.025
Stddev	7.342	297.79	121.48	3.473	5.958
%RSD	.2355662	.4215540	.7747287	.1708958	.1317603
#1	3113.143	70336.28	15566.31	2030.960	4528.572
#2	3124.974	70652.43	15668.13	2029.728	4520.580
#3	3111.527	70931.47	15808.27	2036.264	4516.922

Sample Name: Q1631-02 Acquired: 3/26/2025 12:19:03 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.005784	-.006957	.0001874	.0001187	.0018957	-.030139	.1190292
Stddev	.001286	.002844	.0014967	.0010008	.0007939	.003101	.0008133
%RSD	22.23637	40.87703	798.9152	843.0558	41.87744	10.28999	.6832516

#1	-.006458	-.004264	.0010445	.0012237	.0013266	-.026558	.1198939
#2	-.006593	-.009930	.0010585	-.000727	.0028026	-.031955	.1182796
#3	-.004301	-.006676	-.001541	-.000141	.0015579	-.031904	.1189140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.000094	175.2260	.1113740	-.000532	-.000396	-.001048
Stddev	.000023	.000103	.3137	.0004786	.000272	.000464	.001867
%RSD	22.17812	110.5993	.1790125	.4297439	51.11636	117.0623	178.1374

#1	-.000113	-.000176	175.4887	.1111464	-.000470	-.000138	.000767
#2	-.000116	-.000127	174.8787	.1110516	-.000830	-.000932	-.000949
#3	-.000076	.000023	175.3107	.1119240	-.000297	-.000119	-.002963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005315	.4272048	.0001497	.0002951	386.2181	.0026854	.0031177
Stddev	.0002605	.0073387	.0000483	.0003942	4.8687	.0012526	.0002494
%RSD	49.01523	1.717835	32.27654	133.5727	1.260614	46.64356	7.999075

#1	.0002313	.4194651	.0001063	-.000107	382.2808	.0018390	.0033895
#2	.0006986	.4340628	.0001411	.000681	391.6620	.0020929	.0030640
#3	.0006645	.4280864	.0002018	.000311	384.7115	.0041242	.0028995

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.117142	.0337831	.0069835	-.007169	-.003573	4.276997	-.000443
Stddev	.056654	.0007387	.0003061	.001467	.000661	.032095	.001846
%RSD	1.107141	2.186499	4.383488	20.45612	18.50660	.7503994	416.7863

#1	5.115569	.0339070	.0073330	-.005548	-.002821	4.273911	-.000992
#2	5.174566	.0329902	.0068545	-.007555	-.003834	4.310523	.001615
#3	5.061291	.0344519	.0067629	-.008404	-.004063	4.246557	-.001953

Sample Name: Q1631-02 Acquired: 3/26/2025 12:19:03 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	9.723857	-.027683	1.044320
Stddev	.027047	.001401	.001684
%RSD	.2781468	5.061706	.1612211
#1	9.709502	-.027816	1.045807
#2	9.707014	-.026220	1.042492
#3	9.755054	-.029012	1.044662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.855	71293.97	15395.52	2048.180	4467.559
Stddev	7.477	268.19	92.56	8.219	10.606
%RSD	.2421289	.3761755	.6011937	.4013003	.2374078
#1	3090.946	71366.54	15372.35	2043.542	4465.243
#2	3093.291	70996.97	15497.46	2043.328	4479.132
#3	3079.329	71518.41	15316.75	2057.671	4458.303

Sample Name: Q1631-05 Acquired: 3/26/2025 12:23:26 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.006203	-.006028	.0004057	-.001428	.0015343	.0855564
Stddev	.000921	.000254	.0019926	.002861	.0018369	.0027328
%RSD	14.85250	4.217170	491.1112	200.4232	119.7219	3.194130
#1	-.007167	-.006068	.0025607	.001494	.0017679	.0881721
#2	-.006113	-.005756	-.001370	-.001552	-.000408	.0827199
#3	-.005331	-.006260	.000026	-.004225	.003243	.0857773
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1371154	-.000098	-.000042	186.2970	.1394747	-.000669
Stddev	.0004681	.000074	.000039	.2760	.0003112	.000206
%RSD	.3413990	75.81472	93.41647	.1481504	.2231277	30.82651
#1	.1376417	-.000022	-.000005	186.5949	.1393228	-.000454
#2	.1367457	-.000101	-.000083	186.0501	.1392687	-.000687
#3	.1369587	-.000170	-.000037	186.2460	.1398327	-.000865
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0648567	.0035154	.0855588	.0002826	.0005285
Stddev	.000553	.0062584	.0001530	.0026091	.0004040	.0003151
%RSD	1357.019	9.649652	4.351871	3.049476	142.9671	59.61847
#1	.000546	.0590809	.0035831	.0884325	.0000356	.0002633
#2	-.000117	.0639831	.0036228	.0833384	.0007488	.0004454
#3	-.000552	.0715060	.0033402	.0849056	.0000634	.0008768
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.4806	.0065425	.0094162	10.63969	.0298768	.0090607
Stddev	6.4615	.0000982	.0002334	.05141	.0003915	.0001697
%RSD	1.574134	1.500556	2.478150	.4831568	1.310403	1.872698
#1	417.8652	.0065503	.0093351	10.64489	.0294393	.0092335
#2	405.8653	.0066366	.0092342	10.58588	.0299970	.0090542
#3	407.7113	.0064407	.0096792	10.68830	.0301942	.0088943

Sample Name: Q1631-05 Acquired: 3/26/2025 12:23:26 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-0.007268	-0.004058	3.025791	-0.000028	F 10.61055	-0.019259
Stddev	.000727	.000406	.006879	.003108	.01851	.001581
%RSD	10.00496	10.00603	.2273465	11101.59	.1744401	8.208717
#1	-0.006807	-0.004159	3.021399	.003364	10.59070	-0.019591
#2	-0.008107	-0.004404	3.022256	-0.000711	10.61362	-0.020647
#3	-0.006892	-0.003611	3.033719	-0.002737	10.62733	-0.017538

Elem	Sr4077
Units	ppm
Avg	1.208394
Stddev	.011711
%RSD	.9691220
#1	1.199398
#2	1.221635
#3	1.204147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.637	69638.58	15576.60	1985.793	4407.465
Stddev	10.121	105.86	28.35	3.925	12.732
%RSD	.3330666	.1520182	.1820228	.1976699	.2888785
#1	3045.816	69658.07	15571.15	1989.663	4414.752
#2	3043.033	69733.35	15551.37	1981.814	4414.879
#3	3027.062	69524.33	15607.28	1985.901	4392.763

Sample Name: Q1632-02 Acquired: 3/26/2025 12:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.003235	-.005835	-.000584	-.000333	.0010567	-.042521	.0611962
Stddev	.002410	.001079	.001100	.003031	.0015883	.001068	.0005810
%RSD	74.50080	18.49927	188.3907	909.2897	150.3090	2.512189	.9494176

#1	-.005793	-.007063	.000354	-.000889	-.000422	-.043226	.0606656
#2	-.001009	-.005036	-.001795	.002938	.000857	-.043046	.0618170
#3	-.002902	-.005405	-.000310	-.003048	.002735	-.041292	.0611059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000466	-.000081	174.8983	.0134813	-.000591	.0004517	-.002038
Stddev	.0000281	.000091	.3802	.0002740	.000210	.0000942	.002903
%RSD	60.22535	111.3750	.2173760	2.032673	35.44141	20.85713	142.4443

#1	.0000144	-.000181	175.0846	.0133131	-.000783	.0004666	-.002480
#2	.0000600	-.000058	175.1494	.0137975	-.000624	.0005375	-.004695
#3	.0000655	-.000005	174.4609	.0133333	-.000367	.0003509	.001061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099272	3.851405	.0003572	.0006699	418.7958	.0031697	.0024454
Stddev	.0003885	.011592	.0002087	.0002337	5.5359	.0005901	.0003682
%RSD	3.913464	.3009742	58.41643	34.88245	1.321853	18.61595	15.05630

#1	.0103038	3.864779	.0002539	.0009234	412.5462	.0027252	.0020205
#2	.0099499	3.844244	.0002203	.0004630	420.7576	.0038391	.0026458
#3	.0095278	3.845192	.0005974	.0006234	423.0836	.0029447	.0026699

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.965672	.0311115	.0010807	-.007054	-.003265	6.526479	.0018865
Stddev	.043219	.0007144	.0002315	.000805	.000539	.006619	.0041730
%RSD	2.198667	2.296173	21.42083	11.41573	16.49588	.1014251	221.2021

#1	1.946335	.0306378	.0012329	-.007941	-.003228	6.529879	-.002299
#2	2.015182	.0319332	.0011948	-.006855	-.003822	6.530707	.001911
#3	1.935497	.0307635	.0008143	-.006368	-.002746	6.518850	.006047

Sample Name: Q1632-02 Acquired: 3/26/2025 12:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.018330	-.027934	1.508610
Stddev	.017979	.001652	.007580
%RSD	.3582741	5.912148	.5024547
#1	4.998373	-.026074	1.514577
#2	5.023355	-.028501	1.511172
#3	5.033262	-.029227	1.500081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.119	69330.54	15654.88	1954.721	4363.645
Stddev	7.573	290.22	40.51	6.329	11.929
%RSD	.2526848	.4185994	.2587801	.3237963	.2733794
#1	3001.023	68997.01	15613.83	1952.385	4373.272
#2	3001.944	69525.46	15694.83	1961.886	4367.362
#3	2988.390	69469.17	15655.99	1949.892	4350.299

Sample Name: Q1635-04 Acquired: 3/26/2025 12:32:31 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.002715	-.005207	.0066050	.0032627	.0003902	.0546034	.3894556
Stddev	.001832	.002157	.0010591	.0018707	.0023594	.0016591	.0015052
%RSD	67.46569	41.42961	16.03413	57.33698	604.7105	3.038450	.3864882
#1	-.001645	-.007666	.0055710	.0015189	.0013257	.0554191	.3898272
#2	-.001670	-.004323	.0076875	.0052386	.0021383	.0556966	.3907403
#3	-.004830	-.003633	.0065566	.0030305	-.002293	.0526943	.3877995
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001975	.0000010	10.58514	.0007073	.0044171	.0233400	.7924971
Stddev	.0000569	.0000514	.00771	.0004377	.0002672	.0002347	.0104232
%RSD	28.79577	5235.259	.0727908	61.89030	6.048317	1.005449	1.315239
#1	.0002269	.0000375	10.58977	.0007888	.0041131	.0233043	.7898030
#2	.0001319	-.000058	10.58940	.0010985	.0045236	.0235905	.8040028
#3	.0002336	.000023	10.57624	.0002345	.0046146	.0231252	.7836853
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847962	.7462064	.0032829	.0003877	325.9638	-.000282	.0880511
Stddev	.002942	.0034972	.0000476	.0002787	1.7082	.000831	.0011195
%RSD	.1591871	.4686566	1.450499	71.90018	.5240506	295.0981	1.271372
#1	1.851104	.7429550	.0032506	.0000752	327.9303	-.001240	.0868253
#2	1.845273	.7457582	.0033376	.0004772	324.8484	.000149	.0883084
#3	1.847509	.7499061	.0032607	.0006106	325.1125	.000246	.0890194
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.058881	.0322797	-.000208	-.004483	.0002726	.5323426	.0092811
Stddev	.028486	.0008810	.000187	.001122	.0002227	.0055525	.0010498
%RSD	2.690196	2.729392	90.17929	25.01402	81.70039	1.043039	11.31110
#1	1.090802	.0314829	-.000005	-.004681	.0000183	.5300037	.0093365
#2	1.049793	.0321304	-.000243	-.005493	.0004327	.5386819	.0103021
#3	1.036048	.0332259	-.000375	-.003276	.0003668	.5283421	.0082047

Sample Name: Q1635-04 Acquired: 3/26/2025 12:32:31 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3167797	-.007233	.0740234
Stddev	.0025159	.000688	.0002508
%RSD	.7942265	9.511058	.3387423
#1	.3139009	-.007287	.0740647
#2	.3178808	-.007893	.0742509
#3	.3185573	-.006520	.0737546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.921	71256.46	15930.35	2073.347	4678.768
Stddev	9.577	208.75	146.14	12.583	7.122
%RSD	.3005089	.2929595	.9173582	.6068795	.1522252
#1	3175.873	71484.21	16013.38	2087.830	4670.610
#2	3192.021	71074.21	16016.06	2067.114	4681.942
#3	3192.868	71210.96	15761.61	2065.098	4683.751

Sample Name: Q1636-04 Acquired: 3/26/2025 12:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.004459	-.003917	.0088815	.0035579	-.000316	.0277271	.4475723
Stddev	.002039	.001978	.0008579	.0012223	.000622	.0031099	.0032389
%RSD	45.72458	50.48874	9.659555	34.35456	196.9042	11.21600	.7236682

#1	-.006408	-.006127	.0096601	.0041300	-.000843	.0297449	.4446662
#2	-.002341	-.003308	.0079618	.0021545	-.000476	.0292907	.4469867
#3	-.004627	-.002315	.0090225	.0043892	.000371	.0241457	.4510641

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000004	.0003287	4.293036	-.000232	-.000234	.0113993	.0112007
Stddev	.0000256	.0000330	.006599	.000325	.000143	.0004481	.0013364
%RSD	5654.816	10.02594	.1537189	140.0714	61.02488	3.930600	11.93170

#1	.0000281	.0003638	4.289838	.000098	-.000098	.0113625	.0126684
#2	-.000005	.0003240	4.288646	-.000551	-.000222	.0118646	.0108796
#3	-.000022	.0002984	4.300625	-.000241	-.000383	.0109707	.0100541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184363	.2962609	.0005698	.0005413	322.1810	.0007718	.1442668
Stddev	.0002878	.0099377	.0001265	.0001819	4.1127	.0022687	.0003832
%RSD	1.561113	3.354382	22.19142	33.59765	1.276531	293.9547	.2655917

#1	.0187602	.3069685	.0006533	.0006600	321.4984	-.001842	.1443908
#2	.0183390	.2873337	.0004243	.0003319	326.5923	.001923	.1438370
#3	.0182098	.2944804	.0006318	.0006320	318.4523	.002234	.1445726

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.150264	.0585990	-.000138	-.002921	.0015379	.2244425	.0176722
Stddev	.039465	.0007163	.000101	.000217	.0002438	.0035078	.0014092
%RSD	3.430966	1.222402	73.60175	7.440485	15.85265	1.562879	7.974062

#1	1.160491	.0581836	-.000104	-.003074	.0012820	.2273423	.0188787
#2	1.106691	.0581873	-.000251	-.003017	.0017675	.2205436	.0161234
#3	1.183608	.0594262	-.000057	-.002673	.0015641	.2254417	.0180144

Sample Name: Q1636-04 Acquired: 3/26/2025 12:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3817378	-.007108	.0416286
Stddev	.0051010	.000301	.0001118
%RSD	1.336251	4.229799	.2686558
#1	.3758493	-.006777	.0415025
#2	.3847976	-.007184	.0416672
#3	.3845667	-.007364	.0417159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.146	71998.21	15009.26	2103.244	4698.577
Stddev	7.605	237.42	95.52	13.429	18.871
%RSD	.2381801	.3297584	.6363998	.6384729	.4016311
#1	3188.479	72034.50	15112.68	2096.368	4684.393
#2	3201.922	71744.74	14990.74	2094.645	4719.994
#3	3189.037	72215.40	14924.35	2118.718	4691.343

Sample Name: CCV02 Acquired: 3/26/2025 12:41:21 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.974740	4.960509	4.785570	5.019328	4.982028	9.630035	9.371997
Stddev	.032088	.039844	.019188	.040003	.026258	.010144	.130728
%RSD	.6450282	.8032298	.4009647	.7969874	.5270444	.1053397	1.394884
#1	4.955376	4.926308	4.775288	5.005285	4.970441	9.620578	9.508424
#2	4.957063	4.950959	4.773714	4.988240	4.963557	9.628778	9.359737
#3	5.011779	5.004261	4.807708	5.064460	5.012086	9.640749	9.247830
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2331850	2.399771	23.45984	.9980104	2.403767	1.247565	4.822708
Stddev	.0006176	.010212	.04602	.0024967	.009105	.004624	.016364
%RSD	.2648385	.4255369	.1961541	.2501636	.3787781	.3706611	.3393015
#1	.2330571	2.393009	23.45587	1.000760	2.397338	1.245899	4.840096
#2	.2326413	2.394786	23.50772	.995885	2.399778	1.244005	4.807610
#3	.2338564	2.411518	23.41594	.997386	2.414186	1.252791	4.820418
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.276701	23.47235	2.411601	1.232870	24.25832	2.376697	2.487176
Stddev	.002509	.08106	.011019	.004208	.26450	.002125	.002916
%RSD	.1102131	.3453634	.4569350	.3413419	1.090368	.0894183	.1172566
#1	2.279565	23.38640	2.405842	1.236210	24.55641	2.374249	2.489700
#2	2.275645	23.54743	2.404655	1.228144	24.16689	2.377762	2.487845
#3	2.274891	23.48321	2.424307	1.234257	24.05165	2.378078	2.483984
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.82991	4.622070	5.032769	4.829257	4.693904	4.913941	4.798982
Stddev	.09480	.015947	.022959	.024813	.008654	.019170	.027829
%RSD	.3817848	.3450197	.4561990	.5138024	.1843712	.3901089	.5798947
#1	24.93132	4.620154	5.022627	4.814165	4.700865	4.893297	4.800520
#2	24.81487	4.607167	5.016628	4.815712	4.696632	4.931180	4.770416
#3	24.74352	4.638888	5.059054	4.857895	4.684214	4.917345	4.826010

Sample Name: CCV02 Acquired: 3/26/2025 12:41:21 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.778508	4.694934	4.701375
Stddev	.019099	.006166	.037030
%RSD	.3996848	.1313363	.7876413
#1	4.770362	4.702035	4.710662
#2	4.764833	4.691833	4.732877
#3	4.800329	4.690935	4.660585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.562	73214.24	15058.43	2124.200	4856.539
Stddev	9.858	213.04	35.82	6.917	15.408
%RSD	.3001198	.2909854	.2378516	.3256130	.3172595
#1	3287.266	73071.11	15092.48	2123.176	4865.763
#2	3292.786	73112.53	15021.08	2117.852	4865.103
#3	3273.635	73459.07	15061.73	2131.571	4838.752

Sample Name: CCB02 Acquired: 3/26/2025 12:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000052	.0000942	-.000478	-.000961	-.000307	.0000309	-.007162
Stddev	.002317	.0003208	.000951	.000629	.001511	.0042466	.000298
%RSD	4492.942	340.6365	198.8276	65.50613	492.1013	13756.03	4.166188

#1	-.002722	.0004262	.000619	-.001685	-.000037	.0047254	-.007101
#2	.001145	.0000705	-.001060	-.000551	-.001935	-.001090	-.006899
#3	.001422	-.000214	-.000994	-.000646	.001051	-.003543	-.007486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001454	-.000025	-.008598	.0002100	-.000150	-.000410	-.009783
Stddev	.0000488	.000061	.003215	.0002132	.000153	.000536	.001745
%RSD	33.56815	243.1741	37.39504	101.5324	101.9528	130.6759	17.84120

#1	.0000915	-.000001	-.012300	.0001634	-.000271	-.000022	-.008882
#2	.0001581	-.000095	-.006996	.0000240	.000022	-.000187	-.011795
#3	.0001866	.000020	-.006499	.0004427	-.000200	-.001022	-.008672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0052159	.0001449	.0007396	.2126461	.0010876	-.000457
Stddev	.000150	.0049977	.0001080	.0002881	.0269058	.0004224	.000287
%RSD	851.1074	95.81718	74.51547	38.94853	12.65285	38.83673	62.82601

#1	-.000187	.0066554	.0000719	.0010225	.1842258	.0008167	-.000754
#2	.000101	-.000344	.0000940	.0007496	.2159872	.0015743	-.000181
#3	.000033	.009336	.0002690	.0004466	.2377254	.0008719	-.000435

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2830244	.0014072	.0001166	.0019723	.0011480	.0053281	-.000848
Stddev	.0419260	.0003572	.0001878	.0003230	.0001191	.0086293	.002167
%RSD	14.81356	25.38175	161.0916	16.37910	10.37234	161.9577	255.5068

#1	.2435625	.0017726	-.000073	.0021567	.0011869	.0000540	-.002583
#2	.2784684	.0010589	.000303	.0015993	.0010143	.0152866	-.001541
#3	.3270424	.0013902	.000119	.0021608	.0012427	.0006438	.001580

Sample Name: CCB02 Acquired: 3/26/2025 12:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.001285	.0048927	.0001455
Stddev	.000364	.0008206	.0000232
%RSD	28.34081	16.77210	15.93205

#1	-.001061	.0049084	.0001278
#2	-.001088	.0040644	.0001369
#3	-.001705	.0057054	.0001717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.506	76126.25	15778.26	2175.607	5479.373
Stddev	9.319	258.24	87.15	1.494	15.600
%RSD	.2738013	.3392242	.5523392	.0686583	.2847100

#1	3409.220	76259.76	15709.32	2176.518	5490.121
#2	3408.546	75828.59	15749.24	2173.883	5486.517
#3	3392.753	76290.40	15876.21	2176.421	5461.480

Sample Name: Q1636-08 Acquired: 3/26/2025 12:52:14 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.003499	-.004882	.0068555	.0022542	.0009684	.0510419	.2699715
Stddev	.001034	.001659	.0008631	.0027072	.0003935	.0043629	.0007042
%RSD	29.55461	33.98840	12.58996	120.0990	40.63269	8.547616	.2608264

#1	-.002913	-.006794	.0061794	.0003675	.0005495	.0497555	.2696183
#2	-.002891	-.003830	.0065594	.0010389	.0013303	.0474669	.2707824
#3	-.004693	-.004020	.0078277	.0053561	.0010254	.0559033	.2695139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0003416	2.968342	-.000266	-.000328	.0132327	.0251883
Stddev	.000068	.0000477	.009475	.000158	.000114	.0002238	.0014211
%RSD	160.7921	13.95231	.3192030	59.43851	34.64345	1.691127	5.642047

#1	-.000121	.0003503	2.960998	-.000358	-.000436	.0131933	.0263882
#2	-.000010	.0002902	2.964991	-.000357	-.000209	.0134736	.0255578
#3	.000004	.0003843	2.979037	-.000084	-.000339	.0130312	.0236189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108375	.4044915	.0006246	.0006991	311.2804	-.000327	.1212757
Stddev	.0003790	.0077512	.0004229	.0001241	.9916	.000189	.0001922
%RSD	.3419120	1.916275	67.71079	17.75664	.3185687	57.66994	.1584438

#1	.1104183	.4022217	.0004880	.0005963	310.1679	-.000115	.1214703
#2	.1111557	.3981287	.0010989	.0008370	312.0714	-.000390	.1212707
#3	.1109384	.4131242	.0002868	.0006640	311.6020	-.000477	.1210860

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2855074	.0358386	-.000072	-.004024	.0010209	.1186014	.0336429
Stddev	.0414103	.0010030	.000078	.000477	.0005083	.0010326	.0031708
%RSD	14.50409	2.798602	109.2268	11.84877	49.78854	.8706185	9.424741

#1	.3147087	.0346884	-.000004	-.004072	.0011334	.1174513	.0300703
#2	.2381154	.0362965	-.000157	-.004474	.0004657	.1194487	.0361228
#3	.3036979	.0365309	-.000054	-.003524	.0014634	.1189043	.0347356

Sample Name: Q1636-08 Acquired: 3/26/2025 12:52:14 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3212675	-.006629	.0309224
Stddev	.0017916	.000569	.0001044
%RSD	.5576680	8.584429	.3374479
#1	.3232207	-.007101	.0309856
#2	.3208814	-.005997	.0309797
#3	.3197004	-.006788	.0308020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.365	72001.59	15707.63	2063.565	4688.154
Stddev	2.429	44.34	59.81	5.840	4.895
%RSD	.0766255	.0615761	.3807500	.2830069	.1044105
#1	3172.676	72031.73	15755.74	2056.923	4691.172
#2	3167.832	71950.68	15726.47	2065.876	4682.506
#3	3170.587	72022.35	15640.67	2067.896	4690.784

Sample Name: Q1636-12 Acquired: 3/26/2025 12:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.003213	-.005898	.0043942	.0019216	-.001454	.0417649	.3227155
Stddev	.001268	.001153	.0014399	.0002739	.002053	.0070477	.0018993
%RSD	39.46129	19.54396	32.76841	14.25542	141.1883	16.87466	.5885300

#1	-.003671	-.005725	.0027492	.0016458	-.003815	.0417381	.3246364
#2	-.004190	-.007128	.0054262	.0021936	-.000088	.0347307	.3208386
#3	-.001780	-.004842	.0050073	.0019255	-.000459	.0488260	.3226716

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000051	5.114342	.0018782	-.000274	.0159694	.0628654
Stddev	.000027	.000083	.023130	.0002485	.000172	.0003011	.0054449
%RSD	4590.927	163.3122	.4522603	13.22869	62.84216	1.885574	8.661186

#1	.000027	-.000014	5.139118	.0020734	-.000388	.0163101	.0589796
#2	-.000002	-.000146	5.093317	.0015986	-.000076	.0158588	.0690887
#3	-.000027	.000007	5.110590	.0019627	-.000358	.0157391	.0605277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155248	.3810106	.0004031	.0006334	313.4687	-.000115	.1354440
Stddev	.0003144	.0051869	.0001411	.0000407	1.5913	.000685	.0000674
%RSD	2.024979	1.361357	35.01035	6.432498	.5076526	596.8485	.0497525

#1	.0151684	.3869712	.0003976	.0005902	314.3644	.000648	.1354507
#2	.0156435	.3775226	.0005469	.0006389	311.6314	-.000676	.1355078
#3	.0157626	.3785381	.0002648	.0006711	314.4104	-.000316	.1353735

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3600057	.0660226	-.000001	-.003844	.0008937	.3222253	.0112167
Stddev	.0358142	.0015519	.000007	.000687	.0002798	.0053613	.0013822
%RSD	9.948224	2.350588	708.8546	17.87524	31.30465	1.663839	12.32302

#1	.3496853	.0677422	.000006	-.004170	.0009633	.3284052	.0127109
#2	.3998469	.0647262	-.000007	-.004308	.0005857	.3194532	.0109554
#3	.3304849	.0655994	-.000001	-.003055	.0011321	.3188176	.0099837

Sample Name: Q1636-12 Acquired: 3/26/2025 12:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3264126	-.006787	.0312209
Stddev	.0024791	.001076	.0000561
%RSD	.7595092	15.85719	.1795603

#1	.3274632	-.005728	.0312445
#2	.3235811	-.007880	.0311569
#3	.3281934	-.006753	.0312613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.302	71686.79	15685.01	2088.778	4733.230
Stddev	6.303	127.64	109.78	9.660	5.586
%RSD	.1965138	.1780577	.6999251	.4624473	.1180206

#1	3203.746	71777.46	15567.83	2095.832	4727.386
#2	3214.579	71540.82	15785.48	2077.769	4738.516
#3	3203.581	71742.08	15701.71	2092.735	4733.788

Sample Name: Q1636-16 Acquired: 3/26/2025 13:01:06 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.002413	-.005801	.0023723	.0011179	.0004757	.0717803	.3011599
Stddev	.001705	.001040	.0007243	.0020435	.0027880	.0008718	.0007239
%RSD	70.68714	17.92970	30.53085	182.8061	586.0743	1.214572	.2403795

#1	-.002848	-.006894	.0028050	.0010318	.0032889	.0710943	.3009898
#2	-.003858	-.004824	.0015361	.0032030	-.002286	.0714852	.3019538
#3	-.000532	-.005686	.0027757	-.000881	.000425	.0727614	.3005362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	.0000167	2.718348	.0000548	-.000287	.0050209	.0177905
Stddev	.0000591	.0000897	.003035	.0002456	.000215	.0003397	.0031601
%RSD	742.9534	538.2978	.1116440	448.1326	74.98927	6.765894	17.76297

#1	.0000549	.0001201	2.714848	.0000094	-.000356	.0053089	.0142303
#2	.0000274	-.000031	2.720255	-.000165	-.000046	.0051075	.0202637
#3	-.000058	-.000039	2.719940	.000320	-.000458	.0046463	.0188774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013682	.2479375	.0002199	.0004700	332.9399	.0007448	.0727289
Stddev	.0000709	.0011625	.0001320	.0004745	1.9403	.0017692	.0007396
%RSD	5.180327	.4688611	60.02154	100.9638	.5827904	237.5291	1.016939

#1	.0014267	.2467331	.0001019	.0007910	334.2171	.0027842	.0734821
#2	.0012894	.2480266	.0003623	-.000075	330.7071	-.000379	.0720037
#3	.0013884	.2490529	.0001954	.000694	333.8956	-.000171	.0727008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3753305	.0271310	.0000732	-.003740	.0011500	.0875425	.0141712
Stddev	.0195254	.0000733	.0002295	.000549	.0002364	.0075678	.0021227
%RSD	5.202190	.2700724	313.6269	14.67959	20.55406	8.644749	14.97898

#1	.3978747	.0272055	.0000521	-.003142	.0013722	.0905460	.0126653
#2	.3643056	.0270590	-.000145	-.004222	.0009016	.0789340	.0132494
#3	.3638111	.0271285	.000312	-.003855	.0011763	.0931476	.0165990

Sample Name: Q1636-16 Acquired: 3/26/2025 13:01:06 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.2861978	-.007139	.0218373
Stddev	.0019127	.002204	.0000419
%RSD	.6683174	30.86742	.1917347
#1	.2842107	-.006876	.0218797
#2	.2880262	-.009462	.0218362
#3	.2863565	-.005078	.0217960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.619	71363.76	15722.11	2063.245	4704.392
Stddev	5.909	99.70	25.25	13.716	4.457
%RSD	.1860651	.1397077	.1605874	.6647900	.0947409
#1	3179.254	71333.77	15736.20	2047.519	4700.702
#2	3178.801	71475.01	15692.97	2072.735	4709.344
#3	3168.801	71282.49	15737.17	2069.481	4703.130

Sample Name: Q1636-20 Acquired: 3/26/2025 13:05:33 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.004292	-.005386	.0042173	.0015848	-.000799	.0620772	.3695106
Stddev	.002525	.001281	.0010167	.0018252	.002910	.0034584	.0000849
%RSD	58.83849	23.79006	24.10739	115.1753	364.3966	5.571151	.0229739

#1	-.006865	-.006009	.0041437	.0033051	-.001566	.0638106	.3694222
#2	-.004195	-.003912	.0032394	-.000330	-.003248	.0580949	.3695182
#3	-.001817	-.006237	.0052688	.001779	.002418	.0643262	.3695914

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	.0000560	4.889193	-.000024	-.000347	.0081797	.0405179
Stddev	.000042	.0000577	.007932	.000283	.000123	.0002343	.0024448
%RSD	112.7015	103.1004	.1622275	1174.413	35.54935	2.864922	6.033834

#1	-.000078	.0000839	4.885034	.000143	-.000284	.0083550	.0413433
#2	.000006	-.000010	4.884206	.000136	-.000489	.0082706	.0424431
#3	-.000040	.000094	4.898340	-.000351	-.000267	.0079135	.0377672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148190	.2986082	.0003854	.0006114	327.8098	.0020678	.1120353
Stddev	.0001006	.0060521	.0001020	.0001995	2.0331	.0007865	.0004867
%RSD	.6791967	2.026772	26.47070	32.63005	.6202073	38.03389	.4344386

#1	.0148610	.3055492	.0004482	.0003811	330.1557	.0019133	.1125663
#2	.0148918	.2958412	.0004404	.0007220	326.5595	.0013700	.1116104
#3	.0147041	.2944341	.0002677	.0007311	326.7141	.0029200	.1119291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4220067	.0474140	.0002399	-.003760	.0010176	.2373612	.0676139
Stddev	.0107931	.0005078	.0000837	.000906	.0008067	.0003119	.0018316
%RSD	2.557557	1.070905	34.88328	24.08984	79.27306	.1313957	2.708870

#1	.4242806	.0476292	.0002056	-.004589	.0005286	.2376100	.0694830
#2	.4102578	.0468340	.0003353	-.002793	.0005755	.2370113	.0675365
#3	.4314816	.0477786	.0001788	-.003899	.0019487	.2374623	.0658223

Sample Name: Q1636-20 Acquired: 3/26/2025 13:05:33 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3613136	-.005859	.0439220
Stddev	.0055148	.000294	.0002288
%RSD	1.526329	5.020192	.5208783

#1	.3598601	-.006131	.0440027
#2	.3566710	-.005547	.0436639
#3	.3674096	-.005900	.0440996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.578	71109.76	15874.18	2038.603	4685.269
Stddev	6.637	49.54	38.68	6.519	9.336
%RSD	.2101878	.0696698	.2436802	.3197601	.1992648

#1	3161.323	71097.29	15918.59	2037.265	4690.875
#2	3161.496	71067.65	15847.85	2032.857	4690.441
#3	3149.915	71164.35	15856.10	2045.687	4674.492

Sample Name: Q1636-20DUP Acquired: 3/26/2025 13:09:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.003022	-.005258	.0047138	.0011682	.0004955	.0628446	.3691732
Stddev	.002774	.002430	.0002465	.0008836	.0019022	.0042703	.0012809
%RSD	91.77868	46.21478	5.228457	75.63668	383.8811	6.795013	.3469653

#1	-.005145	-.004924	.0044581	.0020541	-.001181	.0615950	.3693548
#2	-.004038	-.007837	.0049498	.0002870	.000105	.0676003	.3678112
#3	.000116	-.003012	.0047335	.0011634	.002562	.0593385	.3703536

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000069	.0001207	4.885072	-.000278	-.000258	.0081719	.0382694
Stddev	.0000421	.0001010	.014180	.000049	.000197	.0000873	.0059783
%RSD	610.3224	83.68382	.2902657	17.67649	76.43693	1.068104	15.62173

#1	.0000091	.0001983	4.892380	-.000231	-.000313	.0080745	.0445893
#2	-.000036	.0001574	4.868729	-.000274	-.000039	.0082432	.0375146
#3	.000048	.0000065	4.894107	-.000329	-.000423	.0081978	.0327043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145900	.3058760	.0001466	.0005120	327.9872	-.000228	.1115128
Stddev	.0002705	.0097504	.0001660	.0000813	4.7290	.001000	.0008070
%RSD	1.854158	3.187689	113.2582	15.88886	1.441834	439.0844	.7236896

#1	.0148889	.2946219	.0002668	.0006002	329.8997	-.001302	.1124041
#2	.0143620	.3117833	-.000043	.0004399	331.4604	.000676	.1113026
#3	.0145190	.3112229	.000216	.0004958	322.6014	-.000058	.1108317

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4345216	.0467267	.0000636	-.004454	.0014557	.2361247	.0657296
Stddev	.0227953	.0003000	.0001219	.000392	.0005950	.0015769	.0014311
%RSD	5.246069	.6419280	191.7055	8.806340	40.87300	.6678424	2.177259

#1	.4210368	.0463874	.0002000	-.004724	.0007822	.2348135	.0673461
#2	.4216874	.0469568	-.000035	-.004635	.0016749	.2356862	.0652187
#3	.4608407	.0468358	.000026	-.004004	.0019101	.2378746	.0646241

Sample Name: Q1636-20DUP Acquired: 3/26/2025 13:09:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3548357	-.007759	.0439317
Stddev	.0023411	.000998	.0001513
%RSD	.6597700	12.86924	.3444578
#1	.3572435	-.008325	.0440190
#2	.3525675	-.008345	.0437570
#3	.3546962	-.006606	.0440192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3152.356	71616.50	15985.58	2035.026	4671.825
Stddev	12.569	160.44	73.54	7.291	15.985
%RSD	.3987084	.2240269	.4600706	.3582613	.3421640
#1	3158.500	71589.03	16062.81	2029.200	4681.717
#2	3160.672	71471.57	15977.54	2032.677	4680.374
#3	3137.898	71788.91	15916.38	2043.202	4653.383

Sample Name: Q1636-20LX5 Acquired: 3/26/2025 13:14:25 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000558	.0007972	.0001464	.0008499	-.001371	.0115586	.0698706
Stddev	.002436	.0018215	.0010214	.0019875	.000672	.0053793	.0000460
%RSD	436.8002	228.4783	697.7969	233.8630	49.02719	46.53959	.0657995

#1	.000549	.0009502	.0011255	.0028353	-.001997	.0125296	.0698194
#2	.001129	-.001096	-.000913	.0008540	-.001455	.0163862	.0698840
#3	-.003351	.002537	.000226	-.001140	-.000661	.0057599	.0699084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000477	-.000025	1.007498	.0003706	-.000328	.0012367	.0021880
Stddev	.0000431	.000037	.001112	.0001722	.000126	.0000464	.0013251
%RSD	90.40752	148.8321	.1103887	46.47135	38.30909	3.753524	60.56079

#1	.0000514	-.000016	1.007650	.0002221	-.000199	.0012048	.0034998
#2	.0000028	.000007	1.008527	.0005594	-.000450	.0012900	.0008500
#3	.0000889	-.000066	1.006318	.0003303	-.000335	.0012153	.0022141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029957	.0705467	.0000227	.0005775	61.31982	.0002748	.0222433
Stddev	.0001213	.0118525	.0002661	.0003298	.49142	.0006556	.0002262
%RSD	4.049277	16.80094	1172.038	57.10473	.8014127	238.5848	1.016943

#1	.0031006	.0622133	.0000684	.0008180	61.61177	.0000116	.0220590
#2	.0028629	.0841154	.0002630	.0002016	61.59523	.0010211	.0221752
#3	.0030237	.0653113	-.000263	.0007128	60.75245	-.000208	.0224957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2818005	.0079135	-.000248	.0009082	.0008977	.0472248	.0114067
Stddev	.0468481	.0004516	.000364	.0001442	.0004354	.0019264	.0005071
%RSD	16.62455	5.705981	146.6638	15.87782	48.50226	4.079115	4.445429

#1	.2404422	.0075922	.000125	.0007632	.0013541	.0491071	.0110791
#2	.2722825	.0077186	-.000268	.0010516	.0004869	.0452573	.0119908
#3	.3326767	.0084298	-.000603	.0009100	.0008522	.0473099	.0111501

Sample Name: Q1636-20LX5 Acquired: 3/26/2025 13:14:25 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0727280	.0112400	.0088998
Stddev	.0028534	.0008379	.0000264
%RSD	3.923375	7.454525	.2968296
#1	.0694524	.0120820	.0088970
#2	.0746732	.0112316	.0088748
#3	.0740585	.0104063	.0089274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.034	75058.12	15368.29	2185.999	5046.144
Stddev	6.218	221.09	67.45	11.358	1.929
%RSD	.1868795	.2945527	.4388916	.5195970	.0382243
#1	3327.957	74975.79	15441.45	2173.885	5047.624
#2	3332.739	74890.02	15354.85	2187.705	5046.845
#3	3320.407	75308.56	15308.57	2196.409	5043.962

Sample Name: Q1636-20MS Acquired: 3/26/2025 13:18:43 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7800142	1.771766	.8872315	1.936114	.7792018	1.918538	.6028651
Stddev	.0026974	.009272	.0030039	.005927	.0028903	.002841	.0010886
%RSD	.3458093	.5233007	.3385731	.3061289	.3709376	.1481035	.1805766

#1	.7782600	1.761063	.8879842	1.929340	.7763220	1.921658	.6017785
#2	.7786625	1.776890	.8839227	1.938652	.7791806	1.917858	.6028611
#3	.7831202	1.777345	.8897874	1.940349	.7821026	1.916098	.6039558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1712832	.1865747	6.468925	.3922522	.1891726	.2934466	2.982030
Stddev	.0013905	.0002264	.027685	.0003225	.0003266	.0007350	.033529
%RSD	.8118177	.1213369	.4279678	.0822227	.1726190	.2504672	1.124365

#1	.1719940	.1863536	6.485956	.3920714	.1890104	.2929439	2.948915
#2	.1696809	.1865646	6.436981	.3920607	.1889589	.2931057	3.015958
#3	.1721746	.1868060	6.483839	.3926246	.1895485	.2942901	2.981216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1956032	2.085478	.4727188	.0738305	361.7966	.2771611	.3229213
Stddev	.0011911	.023684	.0014671	.0001196	4.5308	.0006341	.0021030
%RSD	.6089191	1.135676	.3103450	.1619909	1.252319	.2287786	.6512432

#1	.1950539	2.088997	.4721613	.0737176	363.6148	.2778781	.3247192
#2	.1947858	2.060231	.4716122	.0738179	356.6390	.2766742	.3234360
#3	.1969698	2.107206	.4743829	.0739559	365.1359	.2769309	.3206088

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06506	.2902317	.4047417	.6557633	.1826432	1.051387	5.828611
Stddev	.09344	.0022028	.0010875	.0009990	.0001254	.016794	.011563
%RSD	.8444214	.7589877	.2686993	.1523392	.0686477	1.597345	.1983781

#1	10.99962	.2917500	.4041329	.6558194	.1827866	1.032745	5.818770
#2	11.17207	.2877052	.4040948	.6567330	.1825542	1.065334	5.825716
#3	11.02349	.2912399	.4059972	.6547374	.1825889	1.056082	5.841346

Sample Name: Q1636-20MS Acquired: 3/26/2025 13:18:43 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.4922140	.1848135	.2259839
Stddev	.0028719	.0009632	.0003869
%RSD	.5834630	.5211779	.1711921
#1	.4955148	.1837261	.2255638
#2	.4902874	.1855597	.2260625
#3	.4908399	.1851546	.2263254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.934	70883.76	15404.52	2076.247	4630.482
Stddev	15.323	134.47	100.76	11.091	16.027
%RSD	.4832390	.1896996	.6541249	.5341649	.3461252
#1	3181.976	70851.20	15320.98	2066.145	4640.930
#2	3177.387	70768.57	15516.43	2074.482	4638.486
#3	3153.440	71031.52	15376.16	2088.114	4612.029

Sample Name: Q1636-20MSD Acquired: 3/26/2025 13:22:53 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7890535	1.799241	.8868721	1.973210	.7911888	1.929352	.5969490
Stddev	.0019475	.007404	.0019545	.009095	.0017197	.008793	.0008891
%RSD	.2468125	.4115281	.2203803	.4609298	.2173626	.4557335	.1489444

#1	.7891217	1.805380	.8850092	1.969724	.7922615	1.926222	.5973652
#2	.7870728	1.791018	.8867004	1.966373	.7892052	1.922552	.5959281
#3	.7909660	1.801324	.8889069	1.983532	.7920998	1.939281	.5975536

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1722200	.1881872	6.497848	.3968120	.1901224	.2950933	2.976204
Stddev	.0013972	.0006387	.019143	.0014065	.0004691	.0004418	.025221
%RSD	.8112674	.3393867	.2946105	.3544378	.2467483	.1497334	.8474335

#1	.1717855	.1882198	6.476466	.3955985	.1896522	.2950727	2.964542
#2	.1737828	.1875329	6.513395	.3983535	.1901243	.2946622	2.958923
#3	.1710917	.1888090	6.503684	.3964840	.1905905	.2955451	3.005145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943288	2.103709	.4751352	.0737619	368.3669	.2770344	.3255348
Stddev	.0006689	.008645	.0010206	.0003889	4.7184	.0007717	.0018803
%RSD	.3441977	.4109479	.2147976	.5272843	1.280889	.2785560	.5776099

#1	.1935766	2.111723	.4754285	.0738351	371.1358	.2763889	.3240323
#2	.1945532	2.094548	.4740001	.0741090	362.9188	.2768252	.3249288
#3	.1948566	2.104856	.4759771	.0733415	371.0460	.2778891	.3276435

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03708	.2916141	.4094840	.6598400	.1832704	1.072350	5.827915
Stddev	.11754	.0017205	.0022459	.0018243	.0010490	.014402	.023091
%RSD	1.064980	.5899858	.5484730	.2764725	.5723984	1.343006	.3962067

#1	10.97978	.2903692	.4089066	.6600373	.1820647	1.059071	5.827962
#2	10.95918	.2935773	.4075833	.6579251	.1837724	1.070320	5.804801
#3	11.17229	.2908957	.4119623	.6615576	.1839742	1.087659	5.850982

Sample Name: Q1636-20MSD Acquired: 3/26/2025 13:22:53 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.4833956	.1837357	.2253756
Stddev	.0045759	.0006097	.0004314
%RSD	.9466063	.3318131	.1914077

#1	.4816832	.1837257	.2249375
#2	.4799229	.1831310	.2253893
#3	.4885807	.1843502	.2257999

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.398	70425.95	15324.78	2038.101	4608.346
Stddev	8.357	229.61	55.22	9.807	12.044
%RSD	.2659397	.3260240	.3603520	.4811875	.2613599

#1	3148.366	70597.42	15359.92	2039.994	4615.239
#2	3145.982	70515.34	15261.13	2046.824	4615.360
#3	3132.847	70165.09	15353.29	2027.486	4594.438

Sample Name: Q1636-20A Acquired: 3/26/2025 13:27:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7900556	1.796470	.8877201	1.972204	.7974718	1.927709	.5382285
Stddev	.0084104	.004256	.0059463	.012352	.0040498	.003949	.0016328
%RSD	1.064533	.2369366	.6698355	.6263009	.5078258	.2048609	.3033630

#1	.7838224	1.799290	.8835514	1.968209	.7943013	1.924031	.5365888
#2	.7867226	1.798546	.8850796	1.962344	.7960802	1.927214	.5398543
#3	.7996216	1.791573	.8945294	1.986059	.8020339	1.931883	.5382424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1725658	.1876906	5.786012	.3962689	.1898496	.2956207	2.983048
Stddev	.0009561	.0007305	.020918	.0010970	.0005442	.0019875	.021780
%RSD	.5540658	.3892051	.3615348	.2768226	.2866467	.6723247	.7301135

#1	.1731323	.1870805	5.771266	.3955530	.1899459	.2945157	2.958539
#2	.1714619	.1874913	5.776817	.3957220	.1892637	.2944312	3.000186
#3	.1731032	.1885001	5.809953	.3975318	.1903392	.2979152	2.990419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1894342	2.052962	.4759196	.0737495	315.1854	.2770810	.3150778
Stddev	.0005720	.019718	.0014407	.0004569	.3685	.0015482	.0005256
%RSD	.3019533	.9604741	.3027257	.6195481	.1169010	.5587340	.1668283

#1	.1897978	2.032366	.4753497	.0733285	315.6106	.2773853	.3149155
#2	.1887748	2.054855	.4748510	.0736845	314.9849	.2754032	.3146524
#3	.1897298	2.071665	.4775581	.0742354	314.9606	.2784543	.3156654

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89012	.2857534	.4107138	.6609481	.1823097	1.034727	5.748262
Stddev	.07570	.0012478	.0021129	.0032165	.0009499	.010231	.008677
%RSD	.6951283	.4366738	.5144474	.4866506	.5210315	.9887622	.1509578

#1	10.81933	.2866276	.4092382	.6588836	.1814825	1.024857	5.754680
#2	10.96992	.2843244	.4097689	.6593065	.1820996	1.045284	5.738390
#3	10.88112	.2863082	.4131343	.6646542	.1833471	1.034038	5.751717

Sample Name: Q1636-20A Acquired: 3/26/2025 13:27:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3418927	.1821321	.2184423
Stddev	.0040899	.0016293	.0004818
%RSD	1.196246	.8945540	.2205533
#1	.3453825	.1805443	.2180126
#2	.3373922	.1837999	.2189631
#3	.3429033	.1820519	.2183514

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.517	70235.73	15272.76	2020.397	4633.601
Stddev	10.149	278.48	82.44	6.492	11.786
%RSD	.3228420	.3965002	.5398015	.3213233	.2543577
#1	3148.460	70557.29	15264.92	2027.614	4642.089
#2	3150.248	70074.10	15358.84	2018.546	4638.570
#3	3131.844	70075.78	15194.52	2015.032	4620.145

Sample Name: PB167307BL Acquired: 3/26/2025 13:31:15 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.002470	.0001868	-.000188	.0008939	.0002334	.0052809
Stddev	.001294	.0008603	.000937	.0021935	.0012580	.0056409
%RSD	52.37909	460.5985	497.6143	245.3867	538.9604	106.8182

#1	-.003698	.0002542	.000461	-.001226	-.001051	-.000338
#2	-.001119	-.000705	.000236	.000753	.001464	.010944
#3	-.002593	.001011	-.001263	.003155	.000287	.005237

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006062	.0001150	-.000044	-.000659	.0002139	-.000194
Stddev	.000389	.0000494	.000040	.000576	.0002648	.000142
%RSD	6.409848	42.94091	91.80810	87.39528	123.7766	73.23600

#1	-.005970	.0000644	-.000031	-.000560	.0000440	-.000326
#2	-.005727	.0001631	-.000089	-.001278	.0005190	-.000214
#3	-.006488	.0001175	-.000012	-.000139	.0000787	-.000043

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000489	.0015171	-.000218	.0100409	.0002083	.0005693
Stddev	.000181	.0063578	.000244	.0007931	.0001997	.0002629
%RSD	36.99181	419.0760	112.0088	7.898469	95.84081	46.18652

#1	-.000313	.0026978	-.000476	.0106633	-.000020	.0004501
#2	-.000480	-.005348	.000009	.0103115	.000350	.0008707
#3	-.000674	.007202	-.000186	.0091480	.000295	.0003871

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3827811	.0003531	-.000872	.3260772	-.003126	.0000938
Stddev	.0192317	.0004629	.000221	.0258308	.000707	.0001536
%RSD	5.024194	131.0864	25.37649	7.921696	22.62456	163.8693

#1	.3914978	.0003466	-.000862	.3053626	-.003020	.0002638
#2	.3961109	.0008193	-.001098	.3178493	-.002478	-.000035
#3	.3607346	-.000106	-.000656	.3550198	-.003880	.000052

Sample Name: PB167307BL Acquired: 3/26/2025 13:31:15 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0019300	.0013011	-.002617	-.001455	.0018816	F .0109397
Stddev	.0006010	.0004760	.007776	.002209	.0032885	.0011764
%RSD	31.13839	36.58385	297.1844	151.8141	174.7742	10.75368
#1	.0023340	.0013457	-.009899	.001054	-.001891	.0118265
#2	.0012394	.0017531	.005574	-.003106	.004139	.0113875
#3	.0022165	.0008043	-.003526	-.002314	.003397	.0096051

Elem	Sr4077
Units	ppm
Avg	-.000003
Stddev	.000015
%RSD	595.7331
#1	-.000020
#2	.000004
#3	.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.978	75166.26	15530.86	2190.705	5413.273
Stddev	8.789	147.71	8.42	8.593	6.706
%RSD	.2584183	.1965173	.0542310	.3922648	.1238890
#1	3396.505	75235.52	15524.85	2199.447	5409.928
#2	3411.103	75266.61	15527.23	2190.399	5420.993
#3	3395.324	74996.64	15540.48	2182.269	5408.896

Sample Name: CCV03 Acquired: 3/26/2025 13:35:34 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.941409	4.964191	4.795906	4.994793	4.938908	9.645093	9.475284
Stddev	.005779	.039336	.020178	.015937	.014900	.003387	.047043
%RSD	.1169577	.7923876	.4207386	.3190742	.3016857	.0351139	.4964769

#1	4.943717	4.960225	4.789573	4.992789	4.941106	9.648973	9.460021
#2	4.934832	4.926988	4.779654	4.979952	4.923031	9.642728	9.528062
#3	4.945678	5.005359	4.818491	5.011637	4.952586	9.643578	9.437767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2328957	2.402770	23.54834	.9905755	2.405400	1.243474	4.811103
Stddev	.0015160	.011861	.02653	.0028886	.009968	.003742	.026056
%RSD	.6509339	.4936309	.1126587	.2916029	.4143902	.3008994	.5415877

#1	.2315632	2.398976	23.52830	.9874419	2.402788	1.241732	4.806569
#2	.2345451	2.393271	23.57843	.9911526	2.396999	1.240921	4.787612
#3	.2325788	2.416064	23.53831	.9931319	2.416414	1.247769	4.839129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.283919	23.41245	2.411403	1.227495	24.09493	2.381238	2.485948
Stddev	.002382	.05221	.008946	.000210	.11943	.003600	.005812
%RSD	.1042953	.2229822	.3709978	.0171018	.4956695	.1511997	.2338087

#1	2.281531	23.39565	2.410754	1.227450	24.10015	2.377395	2.480578
#2	2.286296	23.47098	2.402799	1.227311	23.97297	2.384533	2.492119
#3	2.283931	23.37071	2.420656	1.227724	24.21166	2.381786	2.485145

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.81491	4.628402	5.001716	4.841015	4.709311	4.931423	4.803714
Stddev	.11069	.023696	.015477	.025708	.005939	.015953	.028283
%RSD	.4460535	.5119738	.3094389	.5310427	.1261202	.3235015	.5887826

#1	24.79244	4.614863	4.997566	4.831903	4.715478	4.918393	4.795967
#2	24.71718	4.655763	4.988736	4.821104	4.703628	4.926661	4.780112
#3	24.93511	4.614579	5.018845	4.870037	4.708826	4.949215	4.835064

Sample Name: CCV03 Acquired: 3/26/2025 13:35:34 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.777846	4.696781	4.748778
Stddev	.021891	.007210	.020701
%RSD	.4581805	.1535029	.4359155
#1	4.769518	4.691117	4.749648
#2	4.761342	4.694328	4.769030
#3	4.802679	4.704897	4.727656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.047	73678.02	15122.06	2143.357	4857.896
Stddev	12.984	49.57	66.78	1.624	23.647
%RSD	.3932195	.0672748	.4415938	.0757571	.4867762
#1	3310.153	73727.05	15157.53	2141.620	4871.138
#2	3308.916	73627.93	15045.03	2144.837	4871.954
#3	3287.071	73679.08	15163.63	2143.615	4830.594

Sample Name: CCB03 Acquired: 3/26/2025 13:39:44 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000975	.0002654	-.001373	-.000082	.0004281	-.000246	-.004774
Stddev	.001564	.0025140	.000408	.000944	.0011990	.005833	.000421
%RSD	160.4762	947.1438	29.68106	1154.448	280.0492	2371.149	8.818524

#1	.000438	-.000054	-.001208	-.000279	-.000755	-.006877	-.005094
#2	-.000706	-.002074	-.001838	-.000912	.001642	.004090	-.004930
#3	-.002655	.002924	-.001074	.000946	.000398	.002049	-.004297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000713	-.000003	-.009747	.0002980	-.000006	-.000302	-.008253
Stddev	.0000337	.000024	.002634	.0004258	.000138	.000409	.002411
%RSD	47.32721	908.9091	27.02420	142.8871	2326.050	135.4262	29.20702

#1	.0000747	-.000030	-.011565	.0004166	.000136	-.000617	-.008828
#2	.0001032	.000017	-.010950	-.000175	-.000013	-.000450	-.010325
#3	.0000360	.000005	-.006726	.000652	-.000141	.000161	-.005607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	.0072010	.0001442	.0005372	.1422099	.0000824	-.000498
Stddev	.000216	.0063559	.0000900	.0002412	.0122847	.0012341	.000240
%RSD	388.0880	88.26293	62.41494	44.90338	8.638458	1497.572	48.31253

#1	.000190	.0090144	.0000635	.0005276	.1368805	-.000152	-.000552
#2	-.000140	.0001356	.0002412	.0007831	.1334898	.001417	-.000235
#3	-.000216	.0124532	.0001278	.0003009	.1562593	-.001018	-.000706

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2132663	.0005405	.0002724	.0019874	.0011464	.0057882	-.002910
Stddev	.0358202	.0004495	.0000747	.0005186	.0006057	.0033395	.001688
%RSD	16.79601	83.16776	27.42518	26.09488	52.82984	57.69387	58.02730

#1	.1825253	.0008124	.0003323	.0021707	.0017927	.0058822	-.003428
#2	.2046716	.0007874	.0002962	.0014021	.0010548	.0090797	-.001023
#3	.2526020	.0000216	.0001887	.0023896	.0005918	.0024028	-.004278

Sample Name: CCB03 Acquired: 3/26/2025 13:39:44 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	-.000462	-.000084	.0000675
Stddev	.001719	.000181	.0000585
%RSD	372.4735	216.0617	86.68087
#1	-.002425	-.000089	.0001223
#2	.000777	.000099	.0000745
#3	.000263	-.000262	.0000058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.916	75981.90	15454.01	2207.374	5383.574
Stddev	6.484	244.07	25.83	4.864	6.455
%RSD	.1917694	.3212149	.1671612	.2203374	.1198971
#1	3383.104	75940.41	15467.04	2204.796	5386.761
#2	3386.021	75761.25	15470.73	2204.343	5387.815
#3	3373.621	76244.06	15424.26	2212.985	5376.145

Sample Name: PB167307BS Acquired: 3/26/2025 13:44:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7600371	1.924481	.8909488	1.945906	.7918324	1.868191
Stddev	.0037997	.003866	.0060121	.011096	.0019090	.001261
%RSD	.4999307	.2008627	.6747926	.5702277	.2410885	.0674984

#1	.7583138	1.925526	.8906554	1.936816	.7909390	1.869176
#2	.7574045	1.927716	.8850888	1.942632	.7905339	1.868627
#3	.7643930	1.920200	.8971022	1.958271	.7940243	1.866770

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647490	.1814766	.1802183	.9073648	.3901147	.1830621
Stddev	.0008430	.0011226	.0008082	.0087686	.0016247	.0008614
%RSD	.5116980	.6185719	.4484499	.9663775	.4164536	.4705636

#1	.1638912	.1803109	.1796672	.8977614	.3919635	.1831398
#2	.1647795	.1815686	.1798417	.9093883	.3894658	.1821645
#3	.1655764	.1825504	.1811461	.9149448	.3889148	.1838821

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3001082	2.762233	.1763203	1.807866	.4627886	.0724462
Stddev	.0014131	.010123	.0005049	.010380	.0023478	.0003435
%RSD	.4708666	.3664626	.2863344	.5741599	.5073118	.4742159

#1	.2995721	2.764709	.1758657	1.801205	.4617090	.0727364
#2	.2990415	2.751102	.1762315	1.802568	.4611748	.0720668
#3	.3017109	2.770887	.1768637	1.819826	.4654820	.0725353

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.596685	.2701802	.2082270	9.185157	.2630096	.3998015
Stddev	.006424	.0008024	.0002326	.032921	.0024835	.0015448
%RSD	.2473996	.2969753	.1117288	.3584154	.9442522	.3863826

#1	2.592354	.2692567	.2079667	9.203947	.2601425	.3988835
#2	2.593634	.2707070	.2082997	9.147144	.2643950	.3989360
#3	2.604066	.2705767	.2084147	9.204380	.2644913	.4015850

Sample Name: PB167307BS Acquired: 3/26/2025 13:44:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6527337	.1799928	F .7444528	5.264983	F -.006119	.1829111
Stddev	.0022599	.0010652	.0067937	.016639	.001835	.0001019
%RSD	.3462232	.5917972	.9125719	.3160312	29.99559	.0556870
#1	.6517459	.1800138	.7522591	5.258974	-.004000	.1829310
#2	.6511359	.1789173	.7398783	5.252184	-.007236	.1830015
#3	.6553193	.1810473	.7412210	5.283792	-.007119	.1828008

Elem	Sr4077
Units	ppm
Avg	.1728372
Stddev	.0004429
%RSD	.2562341
#1	.1724924
#2	.1726825
#3	.1733366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.192	75081.90	15201.43	2164.747	5261.181
Stddev	12.903	222.67	73.47	8.807	18.186
%RSD	.3838886	.2965738	.4833330	.4068471	.3456626
#1	3370.650	74843.44	15266.18	2157.074	5271.350
#2	3366.434	75284.40	15216.53	2174.364	5272.008
#3	3346.493	75117.87	15121.58	2162.804	5240.185

Sample Name: Q1637-01 Acquired: 3/26/2025 13:48:06 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0366104	-.008253	.6244514	-.042384	-.007077	103.4901	.5032291
Stddev	.0004786	.002377	.0006880	.001537	.002702	.2906	.0010041
%RSD	1.307267	28.79616	.1101749	3.625270	38.18187	.2808160	.1995403

#1	.0361038	-.009491	.6237558	-.042841	-.004230	103.2298	.5020951
#2	.0370550	-.005513	.6251315	-.040671	-.009607	103.8036	.5035869
#3	.0366723	-.009755	.6244669	-.043640	-.007396	103.4368	.5040053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061612	-.001146	92.28584	.2120619	.1370639	.3740361	232.2564
Stddev	.0001183	.000011	.34965	.0007820	.0004517	.0004906	.5208
%RSD	1.920319	.9644976	.3788797	.3687351	.3295341	.1311536	.2242522

#1	.0062558	-.001159	91.92681	.2128882	.1375662	.3735535	232.5994
#2	.0060285	-.001139	92.62529	.2119637	.1366912	.3745343	231.6571
#3	.0061992	-.001140	92.30542	.2113336	.1369343	.3740204	232.5127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.226288	47.10162	.2301337	.0008947	17.37406	.3814066	.5578985
Stddev	.014166	.28255	.0001749	.0002694	.07925	.0018994	.0014574
%RSD	.4390736	.5998747	.0759944	30.10889	.4561479	.4979893	.2612329

#1	3.212584	46.85920	.2301102	.0005879	17.42224	.3793298	.5586050
#2	3.240874	47.41193	.2303192	.0010925	17.28259	.3830556	.5562225
#3	3.225404	47.03371	.2299718	.0010037	17.41735	.3818344	.5588680

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78147	-.100522	.0043682	.0059885	5.251333	6.714993	8.051561
Stddev	.02177	.005614	.0004044	.0005697	.014896	.020467	.022491
%RSD	.2019048	5.584978	9.258679	9.512628	.2836681	.3047884	.2793383

#1	10.80538	-.096808	.0048245	.0066197	5.235211	6.735996	8.074940
#2	10.76280	-.106981	.0042263	.0055125	5.264587	6.695109	8.049664
#3	10.77623	-.097778	.0040539	.0058333	5.254200	6.713872	8.030078

Sample Name: Q1637-01 Acquired: 3/26/2025 13:48:06 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.449079	.1798578	.1099700
Stddev	.003621	.0009487	.0013582
%RSD	.0664606	.5274694	1.235083
#1	5.449223	.1789070	.1086143
#2	5.452626	.1798621	.1113308
#3	5.445387	.1808044	.1099650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.088	86976.04	19495.28	2479.163	4528.482
Stddev	7.762	48.41	134.89	8.920	1.936
%RSD	.2016622	.0556595	.6919303	.3597790	.0427593
#1	3853.541	86983.83	19606.50	2470.102	4530.696
#2	3840.125	86924.21	19345.23	2479.453	4527.647
#3	3853.597	87020.09	19534.10	2487.934	4527.104

Sample Name: Q1637-03 Acquired: 3/26/2025 13:52:10 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0373797	-.003693	.4036251	-.032246	-.006295	97.67305	.5066945
Stddev	.0028253	.000341	.0002071	.001945	.001011	.16273	.0016552
%RSD	7.558398	9.224096	.0513105	6.031316	16.05726	.1666089	.3266682

#1	.0341193	-.003931	.4037641	-.030778	-.005284	97.49352	.5053976
#2	.0389108	-.003303	.4033871	-.034452	-.007305	97.81086	.5085588
#3	.0391089	-.003846	.4037240	-.031509	-.006296	97.71476	.5061272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062178	-.005112	35.52709	.1899003	.1167193	.4227928	221.0513
Stddev	.0000272	.000270	.13223	.0008500	.0002073	.0006525	.8856
%RSD	.4372567	5.272038	.3721828	.4476302	.1775850	.1543352	.4006380

#1	.0061874	-.005417	35.41358	.1907142	.1164813	.4220469	221.8392
#2	.0062396	-.005018	35.67227	.1899685	.1168599	.4232580	221.2217
#3	.0062266	-.004903	35.49541	.1890182	.1168169	.4230735	220.0928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.482459	34.36278	.1781668	.0003924	12.80631	.3888878	.4935037
Stddev	.013606	.17982	.0006805	.0000403	.07164	.0012855	.0020714
%RSD	.3906935	.5233066	.3819350	10.27895	.5593780	.3305542	.4197403

#1	3.472887	34.24422	.1787662	.0004167	12.88720	.3876836	.4951350
#2	3.498034	34.56969	.1774271	.0003458	12.78086	.3902415	.4942031
#3	3.476457	34.27443	.1783069	.0004147	12.75087	.3887382	.4911732

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.955435	-.107744	.0020559	.0126333	4.204138	3.521281	5.283722
Stddev	.031295	.003377	.0002846	.0003550	.008081	.002379	.005007
%RSD	.5254852	3.134265	13.84377	2.810403	.1922240	.0675579	.0947562

#1	5.976140	-.103845	.0020438	.0127169	4.197511	3.523312	5.279630
#2	5.970732	-.109752	.0023464	.0129390	4.213141	3.518664	5.282231
#3	5.919434	-.109634	.0017775	.0122439	4.201763	3.521866	5.289305

Sample Name: Q1637-03 Acquired: 3/26/2025 13:52:10 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.940538	.1568843	-.029994
Stddev	.003158	.0003211	.000755
%RSD	.1074110	.2046868	2.516449
#1	2.941086	.1571210	-.030860
#2	2.943387	.1565188	-.029649
#3	2.937142	.1570132	-.029474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.012	83405.55	17974.75	2408.444	4729.645
Stddev	5.298	204.76	60.45	7.675	3.432
%RSD	.1434887	.2454963	.3363115	.3186575	.0725708
#1	3691.152	83171.85	18042.11	2400.897	4726.452
#2	3687.198	83491.38	17925.20	2408.193	4729.208
#3	3697.688	83553.43	17956.95	2416.240	4733.274

Sample Name: Q1637-03DUP Acquired: 3/26/2025 13:56:15 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0379737	-.001762	.4006931	-.031395	-.005050	97.33853	.5185676
Stddev	.0049000	.001708	.0023399	.002472	.001583	.07430	.0008982
%RSD	12.90360	96.93816	.5839513	7.873358	31.34686	.0763269	.1732085

#1	.0414071	-.000309	.3984685	-.032743	-.004950	97.25406	.5177234
#2	.0323623	-.003643	.4031333	-.028542	-.003520	97.39373	.5184677
#3	.0401517	-.001333	.4004775	-.032899	-.006681	97.36780	.5195115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062312	-.006066	35.49198	.1901077	.1164762	.4198275	225.1907
Stddev	.0001281	.000207	.05767	.0010924	.0004908	.0011800	.4127
%RSD	2.055754	3.404239	.1624940	.5745938	.4213682	.2810587	.1832599

#1	.0062105	-.005923	35.42858	.1888481	.1161821	.4211637	225.3960
#2	.0061147	-.005973	35.50602	.1906793	.1162038	.4189284	224.7156
#3	.0063684	-.006303	35.54133	.1907956	.1170428	.4193905	225.4603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.513208	34.23619	.1776681	.0010063	13.22031	.3917311	.4919829
Stddev	.008582	.07065	.0008389	.0002677	.03189	.0023087	.0003016
%RSD	.2442738	.2063697	.4721435	26.60301	.2411881	.5893689	.0613008

#1	3.505619	34.18157	.1782513	.0012202	13.24869	.3921925	.4921280
#2	3.511483	34.31598	.1767068	.0010924	13.18581	.3937743	.4921846
#3	3.522521	34.21102	.1780464	.0007061	13.22643	.3892265	.4916362

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.101407	-.089768	.0021528	.0136870	4.234036	3.621618	5.265002
Stddev	.026475	.002552	.0003550	.0003729	.008715	.012455	.007999
%RSD	.4339109	2.843261	16.48991	2.724186	.2058306	.3439075	.1519301

#1	6.078210	-.086829	.0018802	.0140722	4.225559	3.620032	5.256410
#2	6.095761	-.091425	.0020240	.0133279	4.233579	3.634790	5.272234
#3	6.130249	-.091050	.0025542	.0136609	4.242971	3.610032	5.266363

Sample Name: Q1637-03DUP Acquired: 3/26/2025 13:56:15 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.894416	.1588555	-.031431
Stddev	.005172	.0011544	.000402
%RSD	.1786975	.7266729	1.278687
#1	2.891003	.1592029	-.031831
#2	2.900367	.1575674	-.031027
#3	2.891879	.1597964	-.031436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.714	83352.09	18207.75	2419.919	4757.510
Stddev	11.562	65.82	87.09	4.604	12.516
%RSD	.3106699	.0789650	.4783167	.1902377	.2630855
#1	3709.281	83415.60	18306.51	2422.871	4750.484
#2	3732.145	83356.48	18174.78	2422.272	4771.961
#3	3723.715	83284.18	18141.96	2414.615	4750.086

Sample Name: Q1637-03LX5 Acquired: 3/26/2025 14:00:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0068565	-.001572	.0825579	-.010552	-.002246	21.85938	.1087213
Stddev	.0031720	.000825	.0014562	.004561	.001086	.09506	.0005732
%RSD	46.26289	52.51341	1.763829	43.22299	48.35605	.4348811	.5272558

#1	.0039869	-.002463	.0839182	-.015690	-.001013	21.82666	.1093337
#2	.0102625	-.001417	.0827338	-.008979	-.002662	21.78500	.1086325
#3	.0063202	-.000835	.0810218	-.006985	-.003062	21.96648	.1081976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015579	-.002136	8.176314	.0433963	.0232655	.0988153	48.07590
Stddev	.0000637	.000099	.028948	.0000320	.0001603	.0000512	.16101
%RSD	4.087260	4.641524	.3540470	.0738413	.6891684	.0518532	.3349046

#1	.0015560	-.002235	8.179894	.0433678	.0234448	.0988191	47.91783
#2	.0014952	-.002137	8.145743	.0434310	.0231359	.0988645	48.23969
#3	.0016225	-.002036	8.203305	.0433901	.0232158	.0987622	48.07017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8102983	7.896366	.0357899	.0005763	2.640595	.0894020	.1090106
Stddev	.0046485	.031787	.0004363	.0000961	.011441	.0024712	.0004327
%RSD	.5736735	.4025566	1.219124	16.67403	.4332620	2.764121	.3969215

#1	.8131436	7.877205	.0359104	.0006873	2.639274	.0917069	.1087100
#2	.8049340	7.878834	.0361533	.0005204	2.652639	.0867928	.1088153
#3	.8128173	7.933059	.0353060	.0005213	2.629872	.0897063	.1095065

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326212	-.039154	.0003920	.0035728	.9664215	.8199565	1.050438
Stddev	.035516	.001643	.0001656	.0006359	.0049298	.0022591	.005645
%RSD	2.677983	4.197016	42.25588	17.79737	.5101116	.2755101	.5374057

#1	1.321035	-.038668	.0005731	.0038431	.9663803	.8175808	1.056455
#2	1.293569	-.037808	.0003546	.0040289	.9615123	.8220773	1.045258
#3	1.364032	-.040985	.0002482	.0028465	.9713717	.8202115	1.049602

Sample Name: Q1637-03LX5 Acquired: 3/26/2025 14:00:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.5693201	.0331524	-.004979
Stddev	.0032907	.0004426	.000220
%RSD	.5780089	1.334997	4.416504
#1	.5728031	.0329190	-.004796
#2	.5688940	.0328754	-.005223
#3	.5662631	.0336629	-.004917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.357	78910.74	15956.33	2273.496	5146.892
Stddev	13.096	161.40	109.12	2.522	14.873
%RSD	.3773590	.2045374	.6838661	.1109180	.2889661
#1	3477.956	78967.21	15861.60	2274.415	5155.066
#2	3477.880	78728.70	16075.65	2270.644	5155.885
#3	3455.236	79036.32	15931.75	2275.430	5129.725

Sample Name: Q1637-03MS Acquired: 3/26/2025 14:04:34 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7386650	1.918678	1.705401	1.640465	.3344396	136.1644
Stddev	.0047690	.031264	.002241	.010957	.0009785	.1625
%RSD	.6456286	1.629456	.1314078	.6679407	.2925796	.1193496

#1	.7344958	1.882635	1.703211	1.628642	.3333313	136.2745
#2	.7438652	1.934927	1.705302	1.650278	.3348035	135.9777
#3	.7376340	1.938471	1.707690	1.642475	.3351840	136.2409

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104572	.1633604	.1892460	55.96408	.6099491	.3307301
Stddev	.001670	.0010574	.0002686	.10920	.0036713	.0006355
%RSD	.1511585	.6472970	.1419495	.1951244	.6018960	.1921383

#1	1.106497	.1642958	.1894626	56.05992	.6097863	.3301701
#2	1.103523	.1622131	.1893299	55.84520	.6063620	.3305996
#3	1.103695	.1635722	.1889454	55.98714	.6136991	.3314207

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6348187	255.1820	5.835606	38.91164	.7064403	.0697292
Stddev	.0007993	1.2288	.014211	.09087	.0016841	.0003146
%RSD	.1259078	.4815580	.2435191	.2335322	.2383856	.4511521

#1	.6342234	254.0406	5.851339	39.00305	.7045047	.0699126
#2	.6357271	255.0227	5.823702	38.82132	.7075698	.0693659
#3	.6345054	256.4827	5.831777	38.91055	.7072464	.0699089

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.63658	.6607426	.9289109	17.18538	.0539257	.3620810
Stddev	.06742	.0011382	.0056637	.09938	.0050817	.0007070
%RSD	.4311604	.1722625	.6097158	.5782778	9.423585	.1952479

#1	15.57035	.6596182	.9263042	17.08198	.0486889	.3612666
#2	15.63424	.6618941	.9250200	17.19398	.0542516	.3625367
#3	15.70513	.6607155	.9354087	17.28018	.0588367	.3624397

Sample Name: Q1637-03MS Acquired: 3/26/2025 14:04:34 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6810931	4.691853	6.178182	F 12.68020	2.972003	.3724269
Stddev	.0035388	.010613	.029689	.04394	.016432	.0013049
%RSD	.5195796	.2262021	.4805436	.3464954	.5528772	.3503771
#1	.6770541	4.702204	6.165110	12.63449	2.953029	.3725044
#2	.6825756	4.680996	6.157272	12.68400	2.981457	.3710850
#3	.6836495	4.692361	6.212163	12.72211	2.981523	.3736913

Elem	Sr4077
Units	ppm
Avg	.1693670
Stddev	.0010902
%RSD	.6437120
#1	.1705193
#2	.1692300
#3	.1683517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.724	81922.61	18102.35	2347.085	4614.961
Stddev	1.437	339.49	119.96	7.673	4.322
%RSD	.0392100	.4144069	.6626842	.3269360	.0936604
#1	3663.309	81865.53	17973.53	2350.123	4619.190
#2	3666.182	82287.02	18210.86	2352.774	4615.141
#3	3664.681	81615.27	18122.65	2338.357	4610.551

Sample Name: Q1637-03MSD Acquired: 3/26/2025 14:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7407043	1.907151	1.715234	1.657139	.3353383	136.8374
Stddev	.0022933	.014266	.003069	.008253	.0005031	.1415
%RSD	.3096117	.7480420	.1789288	.4980343	.1500128	.1034268

#1	.7411905	1.919040	1.712787	1.666338	.3356040	136.9668
#2	.7427155	1.911082	1.714239	1.650383	.3347581	136.8592
#3	.7382069	1.891332	1.718677	1.654696	.3356527	136.6862

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120174	.1617941	.1906626	56.19195	.6049448	.3319773
Stddev	.003405	.0005409	.0000499	.13831	.0023686	.0007082
%RSD	.3040109	.3343217	.0261806	.2461448	.3915409	.2133168

#1	1.120179	.1611723	.1907144	56.04444	.6031815	.3325780
#2	1.116766	.1621559	.1906148	56.31873	.6040157	.3311965
#3	1.123577	.1620542	.1906587	56.21268	.6076370	.3321575

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6411168	253.9128	5.836406	38.77198	.7101243	.0690125
Stddev	.0008831	1.5602	.015272	.12091	.0004721	.0002603
%RSD	.1377429	.6144602	.2616753	.3118439	.0664811	.3771684

#1	.6415548	253.8258	5.835818	38.65181	.7103299	.0690865
#2	.6401003	252.3979	5.821436	38.89361	.7095843	.0687233
#3	.6416952	255.5146	5.851964	38.77053	.7104587	.0692278

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71898	.6602648	.9314857	17.27309	.0562175	.3618089
Stddev	.16672	.0009030	.0052475	.08764	.0078517	.0008591
%RSD	1.060617	.1367698	.5633506	.5073517	13.96669	.2374422

#1	15.71639	.6592727	.9256040	17.27726	.0572206	.3621103
#2	15.55358	.6604830	.9356878	17.18344	.0479125	.3624766
#3	15.88698	.6610388	.9331653	17.35856	.0635195	.3608397

Sample Name: Q1637-03MSD Acquired: 3/26/2025 14:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6861040	4.760609	7.175083	F 12.74467	3.019164	.3727491
Stddev	.0030610	.006570	.012637	.03882	.007380	.0019126
%RSD	.4461353	.1380144	.1761288	.3046014	.2444445	.5131060
#1	.6863340	4.759720	7.174910	12.78889	3.019887	.3712746
#2	.6829345	4.754528	7.162534	12.71619	3.011449	.3720624
#3	.6890434	4.767578	7.187807	12.72894	3.026156	.3749102

Elem	Sr4077
Units	ppm
Avg	.1741026
Stddev	.0002853
%RSD	.1638733
#1	.1741475
#2	.1743628
#3	.1737975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.809	83166.61	18328.98	2372.950	4601.870
Stddev	7.038	146.85	63.17	14.070	9.941
%RSD	.1920934	.1765675	.3446535	.5929374	.2160180
#1	3659.882	83215.83	18369.71	2384.059	4599.342
#2	3671.934	83282.52	18256.21	2357.129	4612.831
#3	3659.611	83001.48	18361.03	2377.663	4593.438

Sample Name: Q1637-03A Acquired: 3/26/2025 14:12:34 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6940631	1.757934	1.261613	1.573746	.6689892	98.91884
Stddev	.0041384	.011412	.002505	.003062	.0021885	.19634
%RSD	.5962611	.6491874	.1985420	.1945865	.3271387	.1984837

#1	.6911875	1.770898	1.261471	1.576974	.6675855	99.14463
#2	.6988061	1.749404	1.259182	1.570882	.6678713	98.78828
#3	.6921955	1.753501	1.264185	1.573382	.6715109	98.82361

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6606389	.1563075	.1748425	36.10299	.5149512	.3000203
Stddev	.0027667	.0012509	.0007847	.08470	.0026006	.0010822
%RSD	.4187938	.8002722	.4488215	.2346177	.5050218	.3607023

#1	.6624662	.1562212	.1750644	36.19161	.5121668	.2999587
#2	.6619948	.1551021	.1739708	36.02283	.5153696	.2989703
#3	.6574558	.1575994	.1754924	36.09453	.5173173	.3011320

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6598195	219.8259	3.643087	35.89407	.6338196	.0636302
Stddev	.0017770	1.2527	.009779	.09702	.0012446	.0003714
%RSD	.2693224	.5698570	.2684186	.2702879	.1963700	.5836565

#1	.6603409	219.3887	3.654349	35.99234	.6337554	.0640225
#2	.6578401	221.2385	3.638155	35.79836	.6326083	.0635842
#3	.6612775	218.8503	3.636757	35.89150	.6350951	.0632840

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20695	.6224282	.6487193	14.35326	.0941860	.3443840
Stddev	.12944	.0017319	.0016640	.11466	.0049661	.0008990
%RSD	.8511806	.2782430	.2565067	.7988366	5.272640	.2610365

#1	15.17469	.6244209	.6486357	14.31681	.0933498	.3447471
#2	15.34947	.6215777	.6470987	14.48172	.0995170	.3433603
#3	15.09670	.6212860	.6504235	14.26126	.0896910	.3450446

Sample Name: Q1637-03A Acquired: 3/26/2025 14:12:34 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6541502	4.391317	4.733402	F 10.53730	2.853772	.3201945
Stddev	.0018104	.011005	.029960	.02689	.008608	.0001935
%RSD	.2767643	.2506149	.6329402	.2552180	.3016204	.0604379

#1	.6559556	4.402090	4.728424	10.54936	2.856343	.3203953
#2	.6523347	4.391768	4.765539	10.50649	2.844171	.3201791
#3	.6541601	4.380094	4.706244	10.55606	2.860800	.3200091

Elem	Sr4077
Units	ppm
Avg	.1277093
Stddev	.0012833
%RSD	1.004859

#1	.1290745
#2	.1265277
#3	.1275255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.129	83493.91	17639.81	2405.015	4734.347
Stddev	6.260	314.39	82.62	2.730	12.267
%RSD	.1692326	.3765400	.4683854	.1135154	.2591004

#1	3700.119	83849.89	17632.01	2407.367	4740.789
#2	3704.836	83254.27	17726.06	2405.656	4742.050
#3	3692.433	83377.58	17561.37	2402.021	4720.201

Sample Name: PB167313BL Acquired: 3/26/2025 14:16:32 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.001176	-.000172	-.000635	-.000687	-.000731	.0040605	-.005645
Stddev	.002394	.000868	.000628	.000909	.001203	.0020626	.000744
%RSD	203.6701	503.2211	98.85326	132.3959	164.5151	50.79766	13.18006

#1	-.003727	-.001102	-.001077	-.000484	-.000167	.0057692	-.004827
#2	-.000821	-.000034	.000084	-.001680	.000086	.0046429	-.006282
#3	.001022	.000618	-.000912	.000104	-.002112	.0017692	-.005825

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001726	-.000028	-.002584	.0003830	-.000059	-.000680	-.003334
Stddev	.0000412	.000040	.006130	.0002700	.000046	.000272	.003836
%RSD	23.85078	142.7742	237.2336	70.49031	79.09484	39.95697	115.0568

#1	.0001863	-.000064	.004097	.0003977	-.000109	-.000571	.001086
#2	.0001264	.000015	-.007950	.0006454	-.000017	-.000989	-.005298
#3	.0002052	-.000035	-.003899	.0001060	-.000050	-.000480	-.005791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000621	.0041960	-.000021	.0004141	.0238695	-.000049	-.000564
Stddev	.0002228	.0158386	.000195	.0002300	.0113447	.000471	.000204
%RSD	359.0694	377.4675	939.1423	55.54580	47.52780	961.0265	36.25103

#1	-.000122	-.005347	-.000225	.0004130	.0289912	-.000592	-.000359
#2	.000310	.022479	.000163	.0006446	.0108671	.000233	-.000565
#3	-.000002	-.004544	-.000001	.0001846	.0317503	.000212	-.000768

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932978	-.003223	.0000400	.0019291	.0005762	-.003204	-.002574
Stddev	.0312893	.000050	.0000677	.0001590	.0005156	.004646	.001525
%RSD	33.53703	1.541463	169.2836	8.243966	89.48296	145.0290	59.25131

#1	.0694496	-.003279	.0000977	.0017456	.0000189	-.003894	-.001031
#2	.0817174	-.003206	-.000035	.0020266	.0010363	-.007466	-.002609
#3	.1287266	-.003184	.000057	.0020150	.0006733	.001749	-.004081

Sample Name: PB167313BL Acquired: 3/26/2025 14:16:32 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0001809	-.002103	-.000010
Stddev	.0019110	.000737	.000073
%RSD	1056.391	35.03877	703.0973
#1	-.001786	-.001656	-.000068
#2	.000299	-.001700	-.000034
#3	.002030	-.002954	.000071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.949	76690.99	15627.28	2241.320	5517.283
Stddev	5.592	274.52	82.81	7.424	10.800
%RSD	.1617483	.3579560	.5299013	.3312503	.1957537
#1	3461.900	76987.27	15535.18	2248.194	5517.378
#2	3458.062	76640.45	15695.59	2233.446	5528.035
#3	3450.884	76445.26	15651.07	2242.319	5506.435

Sample Name: PB167313BS Acquired: 3/26/2025 14:20:51 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7602951	1.919882	.8981028	1.952293	.7859959	1.872280
Stddev	.0071777	.017938	.0053541	.013633	.0069626	.005554
%RSD	.9440695	.9343368	.5961565	.6983245	.8858332	.2966217

#1	.7553332	1.910289	.8957451	1.945662	.7829214	1.875256
#2	.7570269	1.908781	.8943321	1.943243	.7810998	1.875712
#3	.7685254	1.940577	.9042311	1.967973	.7939665	1.865873

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671692	.1835763	.1816909	.9075368	.3921011	.1846168
Stddev	.0015653	.0003260	.0008336	.0001799	.0009754	.0007829
%RSD	.9363518	.1775839	.4587876	.0198209	.2487712	.4240623

#1	.1673514	.1836340	.1811285	.9073940	.3914126	.1839965
#2	.1686354	.1838696	.1812956	.9074777	.3916735	.1843573
#3	.1655208	.1832253	.1826486	.9077388	.3932173	.1854964

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3029428	2.777722	.1784657	1.809552	.4662302	.0738394
Stddev	.0012693	.004400	.0005956	.006434	.0014477	.0005330
%RSD	.4189734	.1583980	.3337259	.3555684	.3105163	.7217639

#1	.3019083	2.782081	.1788140	1.811550	.4650616	.0732261
#2	.3025609	2.777803	.1788051	1.814750	.4657791	.0741897
#3	.3043592	2.773282	.1777780	1.802356	.4678497	.0741025

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593724	.2765352	.1981007	9.253466	.2646407	.3971789
Stddev	.014276	.0007436	.0000715	.068498	.0005971	.0025747
%RSD	.5504019	.2689008	.0360731	.7402422	.2256147	.6482516

#1	2.586407	.2757516	.1980897	9.286697	.2647299	.3959079
#2	2.610175	.2772309	.1981770	9.299009	.2651881	.3954868
#3	2.584591	.2766231	.1980354	9.174691	.2640040	.4001420

Sample Name: PB167313BS Acquired: 3/26/2025 14:20:51 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6471519	.1804957	F .7458231	5.339436	F -.006263	.1839737
Stddev	.0044846	.0018657	.0062016	.024054	.001344	.0013452
%RSD	.6929741	1.033667	.8315071	.4504979	21.45433	.7311620
#1	.6429248	.1801077	.7510622	5.327526	-.005116	.1840874
#2	.6466750	.1825249	.7389758	5.323661	-.007741	.1852585
#3	.6518559	.1788544	.7474311	5.367122	-.005931	.1825754
Elem	Sr4077					
Units	ppm					
Avg	.1756467					
Stddev	.0011317					
%RSD	.6443141					
#1	.1758953					
#2	.1766335					
#3	.1744114					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3382.567	75421.05	15298.33	2192.264	5285.892	
Stddev	7.794	258.51	34.40	4.331	6.833	
%RSD	.2304066	.3427597	.2248419	.1975520	.1292741	
#1	3387.686	75248.97	15307.08	2190.369	5292.534	
#2	3386.418	75718.33	15327.51	2197.219	5286.258	
#3	3373.598	75295.86	15260.41	2189.204	5278.883	

Sample Name: CCV04 Acquired: 3/26/2025 14:30:09 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.013842	4.907186	4.781223	5.077888	5.005318	9.743823	9.408292
Stddev	.013095	.050972	.009848	.023038	.014373	.079996	.076989
%RSD	.2611707	1.038725	.2059711	.4536980	.2871464	.8209951	.8183153

#1	5.004818	4.873828	4.770296	5.058208	4.996324	9.834549	9.340378
#2	5.007847	4.965860	4.783962	5.072226	4.997737	9.713489	9.491929
#3	5.028861	4.881871	4.789412	5.103229	5.021894	9.683429	9.392569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2295594	2.397198	23.61246	.9854083	2.397780	1.247524	4.816667
Stddev	.0003897	.004948	.10982	.0034923	.005144	.004294	.028285
%RSD	.1697437	.2064246	.4650946	.3543989	.2145157	.3442310	.5872368

#1	.2295429	2.391901	23.72750	.9894368	2.393180	1.246108	4.849315
#2	.2291782	2.397992	23.60113	.9832381	2.396827	1.244116	4.801151
#3	.2299570	2.401702	23.50874	.9835500	2.403334	1.252347	4.799537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.275165	23.52038	2.406325	1.220497	23.96378	2.395292	2.468743
Stddev	.007906	.12392	.006220	.003894	.22782	.015244	.010091
%RSD	.3474970	.5268512	.2584825	.3190156	.9506692	.6364294	.4087684

#1	2.284290	23.58240	2.401886	1.222904	24.22354	2.412743	2.476990
#2	2.270845	23.60105	2.403655	1.216005	23.79796	2.388565	2.457490
#3	2.270360	23.37770	2.413434	1.222582	23.86982	2.384569	2.471749

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.78780	4.583550	5.012979	4.830477	4.731543	5.046740	4.792740
Stddev	.16095	.005112	.010856	.010339	.026411	.030467	.026291
%RSD	.6493307	.1115365	.2165637	.2140345	.5581838	.6037020	.5485518

#1	24.96530	4.581089	5.007863	4.819681	4.761395	5.079955	4.767567
#2	24.65133	4.580134	5.005626	4.831461	4.722020	5.020090	4.820022
#3	24.74676	4.589428	5.025448	4.840288	4.711215	5.040176	4.790632

Sample Name: CCV04 Acquired: 3/26/2025 14:30:09 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.795345	4.704555	4.728944
Stddev	.005200	.038514	.031066
%RSD	.1084298	.8186528	.6569265
#1	4.789344	4.748925	4.759886
#2	4.798209	4.684976	4.697756
#3	4.798484	4.679763	4.729191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.398	73920.52	15215.37	2132.347	4857.722
Stddev	9.786	157.91	15.25	7.093	7.873
%RSD	.2978714	.2136273	.1002570	.3326373	.1620758
#1	3281.120	73750.19	15225.56	2124.352	4856.768
#2	3296.595	74062.06	15197.83	2134.806	4866.028
#3	3278.479	73949.31	15222.72	2137.883	4850.369

Sample Name: CCB04 Acquired: 3/26/2025 14:34:33 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000513	-.000091	-.000548	-.002120	-.000546	.0032126	-.006212
Stddev	.002074	.000721	.000613	.000645	.001345	.0038419	.000151
%RSD	404.3490	795.9219	111.8645	30.41009	246.1908	119.5891	2.425347

#1	-.000334	.000567	-.001123	-.001652	-.000560	.0075601	-.006038
#2	.001466	.000023	-.000618	-.001853	-.001884	.0018035	-.006299
#3	-.002670	-.000861	.000097	-.002855	.000805	.0002742	-.006298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000866	-.000023	-.005372	.0003347	.0000074	-.000455	-.007270
Stddev	.0000396	.000073	.000431	.0001265	.0000752	.000119	.001327
%RSD	45.75335	319.9330	8.019589	37.79341	1013.745	26.10180	18.25875

#1	.0000423	-.000054	-.005548	.0002157	-.000062	-.000333	-.005904
#2	.0000987	.000060	-.005687	.0004676	.000087	-.000570	-.007351
#3	.0001187	-.000075	-.004881	.0003208	-.000002	-.000463	-.008555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	.0119738	.0000781	.0005885	.0135628	-.000748	-.000692
Stddev	.000142	.0077761	.0001996	.0000870	.0170987	.001779	.000147
%RSD	141.3505	64.94307	255.4511	14.77636	126.0711	237.7521	21.22676

#1	-.000046	.0084628	.0000287	.0006235	-.003624	.000475	-.000584
#2	-.000261	.0065723	.0002978	.0004895	.030572	.000069	-.000859
#3	.000006	.0208863	-.000092	.0006525	.013739	-.002790	-.000632

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242875	.0024016	.0005305	.0022936	.0010424	.0049717	-.002432
Stddev	.0074868	.0003921	.0002093	.0002117	.0005708	.0050857	.001633
%RSD	6.023732	16.32640	39.45704	9.229303	54.75319	102.2919	67.13074

#1	.1177971	.0022850	.0007018	.0023497	.0015499	.0038938	-.003330
#2	.1225872	.0028388	.0002972	.0020596	.0004245	.0105099	-.003418
#3	.1324781	.0020811	.0005926	.0024717	.0011529	.0005114	-.000547

Sample Name: CCB04 Acquired: 3/26/2025 14:34:33 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0016315	-.002517	.0000460
Stddev	.0021662	.001713	.0000152
%RSD	132.7712	68.07882	33.15698
#1	.0041307	-.003942	.0000291
#2	.0004715	-.000616	.0000500
#3	.0002924	-.002991	.0000588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.685	76478.79	15682.11	2225.216	5500.829
Stddev	7.526	111.83	61.74	8.038	15.107
%RSD	.2185311	.1462178	.3937275	.3612412	.2746340
#1	3451.707	76393.58	15690.31	2228.566	5518.228
#2	3442.567	76437.37	15616.67	2216.045	5493.217
#3	3436.781	76605.41	15739.34	2231.038	5491.041

Sample Name: LR1 Acquired: 3/26/2025 14:44:05 Type: Unk
Method: NON EPA-6010-200.7(v2847) 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	.0407702	.0818464	.0723303	-.195510	-.029353	2036.698	.0086258
Stddev	.0028671	.0100456	.0061601	.004968	.010609	23.969	.0015294
%RSD	7.032386	12.27369	8.516646	2.541042	36.14129	1.176875	17.73025

#1	.0378949	.0708110	.0717479	-.198305	-.034283	2047.080	.0068638
#2	.0407868	.0842692	.0787609	-.198450	-.036600	2053.726	.0096087
#3	.0436290	.0904590	.0664821	-.189774	-.017177	2009.287	.0094049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083439	.0047859	1691.487	.0251308	.0290259	.0377732	990.3602
Stddev	.0000690	.0011201	9.816	.0004174	.0005495	.0040884	8.8693
%RSD	.8270949	23.40357	.5803115	1.660823	1.893078	10.82341	.8955655

#1	.0083019	.0037995	1691.303	.0246748	.0285423	.0331608	1000.154
#2	.0083063	.0045546	1701.393	.0254938	.0289121	.0392083	988.057
#3	.0084236	.0060036	1681.764	.0252239	.0296234	.0409504	982.869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074389	1661.234	.0232691	-.023325	1984.612	.0173413	.2052257
Stddev	.000528	5.674	.0017766	.002056	5.551	.0011806	.0006479
%RSD	.7100953	.3415274	7.635112	8.813546	.2797228	6.807853	.3157116

#1	-.074702	1654.700	.0225153	-.021337	1987.149	.0177332	.2057989
#2	-.074686	1664.092	.0219937	-.023195	1978.246	.0160147	.2053555
#3	-.073780	1664.910	.0252984	-.025442	1988.442	.0182762	.2045227

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1396.532	^ *****	-.009179	-.004140	-.036547	.1452033	.0827918
Stddev	12.476	-----	.000788	.000847	.000850	.0147359	.0076943
%RSD	.8933811	-----	8.589217	20.46655	2.326401	10.14844	9.293572

#1	1383.479	^ -----	-.008269	-.004327	-.035565	.1580684	.0914813
#2	1408.338	^ -----	-.009671	-.003214	-.037046	.1484151	.0800505
#3	1397.778	^ -----	-.009595	-.004878	-.037030	.1291264	.0768435

Sample Name: LR1 Acquired: 3/26/2025 14:44:05 Type: Unk
Method: NON EPA-6010-200.7(v2847) 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	-.202598	.1350031	-.860281
Stddev	.020778	.0031593	.007830
%RSD	10.25570	2.340189	.9101742
#1	-.190142	.1386434	-.868910
#2	-.226585	.1333896	-.858301
#3	-.191069	.1329764	-.853630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.180	50462.14	12896.59	1417.605	2805.904
Stddev	3.410	117.72	54.96	2.370	6.331
%RSD	.1543010	.2332832	.4261858	.1671820	.2256332
#1	2210.879	50360.67	12915.16	1419.882	2804.314
#2	2213.187	50591.20	12834.75	1417.782	2812.878
#3	2206.474	50434.54	12939.86	1415.152	2800.519

Sample Name: LR2 Acquired: 3/26/2025 14:49:02 Type: Unk
Method: NON EPA-6010-200.7(v2847) 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	.0088823	-.021009	255.2183	.0001331	-.003442	.1942151	^F *****
Stddev	.0037010	.001768	.7329	.0051010	.000703	.0066659	----
%RSD	41.66653	8.416459	.2871483	3833.149	20.41641	3.432234	----

#1	.0083857	-.019336	255.1846	.0002872	-.003606	.1866201	^ ----
#2	.0128065	-.020832	254.5029	-.005043	-.002672	.1969303	^ ----
#3	.0054548	-.022860	255.9674	.005155	-.004049	.1990949	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001152	-.002909	.1521593	.0095883	.0036207	249.6357	.0175769
Stddev	.000041	.000034	.0111228	.0002148	.0002252	1.0534	.0017737
%RSD	3.526796	1.165794	7.309964	2.240746	6.220504	.4219915	10.09107

#1	-.001116	-.002883	.1441198	.0098280	.0034164	248.6403	.0155662
#2	-.001145	-.002948	.1475048	.0095237	.0035835	249.5280	.0189196
#3	-.001196	-.002897	.1648532	.0094131	.0038622	250.7389	.0182449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.60239	-.041211	46.24968	.0008938	.3087353	-.010932	34.65392
Stddev	.20052	.011851	.06018	.0004024	.0316249	.000460	.16956
%RSD	.4125647	28.75609	.1301225	45.02437	10.24338	4.203230	.4892832

#1	48.55698	-.052986	46.25588	.0008169	.3333759	-.011457	34.76044
#2	48.42847	-.041361	46.18663	.0005354	.3197551	-.010735	34.45839
#3	48.82171	-.029286	46.30651	.0013291	.2730748	-.010604	34.74292

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4705111	-.001746	-.006534	-.004163	-.033695	-.004548	.1623094
Stddev	.0131262	.000838	.000227	.000744	.000501	.003834	.0093820
%RSD	2.789778	48.01335	3.471185	17.86714	1.485678	84.29927	5.780298

#1	.4812811	-.001203	-.006796	-.004013	-.033727	-.000763	.1564305
#2	.4558901	-.001323	-.006413	-.004970	-.034180	-.004452	.1573684
#3	.4743622	-.002711	-.006394	-.003506	-.033180	-.008428	.1731292

Sample Name: LR2 Acquired: 3/26/2025 14:49:02 Type: Unk
Method: NON EPA-6010-200.7(v2847) 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	-.024457	.0017745	.0014373
Stddev	.005165	.0011138	.0000350
%RSD	21.11874	62.76890	2.437316
#1	-.026841	.0007186	.0014485
#2	-.018530	.0029383	.0014653
#3	-.027998	.0016665	.0013980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.539	75519.59	16011.57	2093.976	5004.293
Stddev	14.465	340.56	79.71	5.645	13.954
%RSD	.4831944	.4509609	.4978069	.2695647	.2788459
#1	3010.202	75163.18	16103.60	2087.464	5019.283
#2	2984.207	75553.86	15966.14	2097.480	4991.680
#3	2986.210	75841.72	15964.97	2096.983	5001.916

Sample Name: CCV05 Acquired: 3/26/2025 15:02:20 Type: Unk
Method: NON EPA-6010-200.7(v2848) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.006055	4.918381	4.760391	5.078813	5.026338	9.628727	9.323700
Stddev	.013745	.029973	.006142	.005774	.017819	.005738	.142990
%RSD	.2745636	.6094097	.1290255	.1136950	.3545131	.0595925	1.533621

#1	4.999386	4.886409	4.764193	5.076164	5.013909	9.622782	9.293233
#2	4.996917	4.945844	4.753305	5.074839	5.018352	9.634233	9.479468
#3	5.021862	4.922890	4.763674	5.085437	5.046753	9.629166	9.198398

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2271499	2.385793	23.30574	.9960560	2.386981	1.245412	4.808521
Stddev	.0016143	.001626	.05102	.0041036	.002382	.002285	.030835
%RSD	.7106593	.0681613	.2189199	.4119867	.0997821	.1834923	.6412522

#1	.2262071	2.384477	23.34147	.9918209	2.385326	1.244455	4.811298
#2	.2290139	2.385291	23.32844	.9963329	2.385907	1.243761	4.776392
#3	.2262289	2.387611	23.24731	1.000014	2.389711	1.248020	4.837874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.320212	23.10422	2.397511	1.233994	24.07278	2.360628	2.479922
Stddev	.006660	.13936	.002011	.002833	.15597	.007878	.003434
%RSD	.2870390	.6032015	.0838794	.2295501	.6479150	.3337089	.1384889

#1	2.327370	23.02595	2.397386	1.231494	24.17150	2.363019	2.478705
#2	2.319066	23.26513	2.395565	1.233419	23.89297	2.367033	2.477261
#3	2.314199	23.02159	2.399581	1.237071	24.15387	2.351832	2.483799

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.06920	4.520654	5.032931	4.810596	4.676365	5.081880	4.775431
Stddev	.11793	.016209	.009115	.007189	.017181	.025112	.012083
%RSD	.4704256	.3585640	.1811060	.1494424	.3674020	.4941451	.2530160

#1	25.08053	4.511485	5.025183	4.813986	4.692526	5.069302	4.775379
#2	24.94601	4.539370	5.030634	4.815462	4.678249	5.065542	4.763374
#3	25.18106	4.511107	5.042974	4.802338	4.658320	5.110795	4.787539

Sample Name: CCV05 Acquired: 3/26/2025 15:02:20 Type: Unk
 Method: NON EPA-6010-200.7(v2848) 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	4.751161	4.619361	4.700014
Stddev	.010536	.017934	.057596
%RSD	.2217583	.3882337	1.225440
#1	4.759411	4.639767	4.669488
#2	4.739293	4.612210	4.766448
#3	4.754780	4.606106	4.664107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3277.403	72970.78	15389.14	2089.035	4872.611
Stddev	8.168	335.90	98.19	1.168	6.487
%RSD	.2492322	.4603247	.6380389	.0559229	.1331308
#1	3283.409	73334.89	15433.02	2089.935	4878.979
#2	3280.699	72904.48	15276.66	2087.715	4872.843
#3	3268.102	72672.97	15457.74	2089.456	4866.012

Sample Name: CCB05 Acquired: 3/26/2025 15:07:53 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0001982	-.000512	-.000340	-.002570	-.000131	.0048308	-.009462
Stddev	.0019359	.000910	.001129	.002241	.000724	.0045795	.000547
%RSD	976.8937	177.5298	332.6509	87.18816	552.1886	94.79851	5.783340
#1	.0018397	-.000559	-.001613	-.002471	.000183	.0001503	-.010090
#2	.0006914	.000420	.000540	-.004858	.000383	.0050399	-.009090
#3	-.001937	-.001398	.000055	-.000380	-.000959	.0093022	-.009205
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000987	.0000174	.0025631	.0000506	-.000058	-.000581	-.008098
Stddev	.0000312	.0000828	.0051299	.0000911	.000115	.000564	.001623
%RSD	31.58106	475.2657	200.1458	180.0643	196.4411	96.96862	20.04671
#1	.0001291	-.000002	.0050530	.0000711	.000039	-.000405	-.006488
#2	.0000668	-.000054	-.003337	-.000049	-.000029	-.000127	-.008070
#3	.0001001	.000108	.005973	.000130	-.000185	-.001212	-.009735
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0111763	-.000078	.0003612	.0766323	.0002660	-.000733
Stddev	.000253	.0121148	.000108	.0002379	.0203298	.0009410	.000074
%RSD	6244.077	108.3968	138.6253	65.86023	26.52894	353.7472	10.10629
#1	-.000173	.0191155	-.000086	.0005156	.0723518	-.000379	-.000811
#2	-.000126	-.002768	-.000181	.0000872	.0587837	-.000169	-.000664
#3	.000287	.017181	.000034	.0004807	.0987615	.001346	-.000724
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047037	.0008563	.0001438	.0023418	.0013476	.0033559	-.002410
Stddev	.0206848	.0006914	.0001824	.0003028	.0008760	.0071257	.000466
%RSD	19.75553	80.74528	126.8343	12.93002	65.00305	212.3316	19.34983
#1	.0821887	.0001601	.0003000	.0020911	.0004732	.0097526	-.002928
#2	.1090571	.0008659	-.000057	.0026782	.0013444	.0046394	-.002279
#3	.1228653	.0015429	.000188	.0022562	.0022252	-.004324	-.002023

Sample Name: CCB05 Acquired: 3/26/2025 15:07:53 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0008138	-.002552	.0000970
Stddev	.0027298	.001140	.0000454
%RSD	335.4431	44.67133	46.81441
#1	.0038922	-.002243	.0000682
#2	-.001312	-.003816	.0000735
#3	-.000139	-.001599	.0001493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.116	78963.55	15279.74	2230.831	5502.965
Stddev	1.640	123.38	61.15	8.666	9.966
%RSD	.0479837	.1562504	.4002353	.3884615	.1811009
#1	3417.204	79053.92	15277.46	2230.115	5511.453
#2	3415.435	78822.98	15342.00	2222.545	5505.450
#3	3418.710	79013.74	15219.75	2239.833	5491.992

Sample Name: Q1647-01 Acquired: 3/26/2025 15:12:13 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0984801	.0640579	.2515204	-.107098	-.022907	138.7995
Stddev	.0014032	.0030316	.0005054	.001874	.000333	.2109
%RSD	1.424875	4.732561	.2009593	1.749684	1.452612	.1519579

#1	.0996665	.0633587	.2513506	-.105307	-.022613	138.8523
#2	.0969312	.0673779	.2520888	-.109045	-.022839	138.9790
#3	.0988424	.0614369	.2511216	-.106942	-.023268	138.5672

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.400285	.0179653	.0177397	37.33842	.3578982	.1925955
Stddev	.006111	.0000571	.0011042	.09603	.0005173	.0002186
%RSD	.4363859	.3180570	6.224301	.2571824	.1445304	.1134813

#1	1.406951	.0179255	.0165939	37.39242	.3584888	.1926043
#2	1.398956	.0180308	.0178283	37.39528	.3576800	.1923727
#3	1.394948	.0179397	.0187970	37.22755	.3575258	.1928096

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1528141	600.4584	21.97166	36.96857	.4080877	-.006288
Stddev	.0017399	4.3474	.23191	.01744	.0015109	.000515
%RSD	1.138602	.7240134	1.055506	.0471861	.3702469	8.185881

#1	.1511894	604.5259	21.71115	36.97111	.4094077	-.005808
#2	.1526028	600.9726	22.15563	36.98460	.4064397	-.006225
#3	.1546500	595.8768	22.04820	36.95000	.4084157	-.006832

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.5045	.2560945	1.487592	48.89278	^ *****	.0110851
Stddev	.9252	.0011267	.001683	.35105	-----	.0004398
%RSD	.8769092	.4399675	.1131330	.7179899	-----	3.967201

#1	106.5681	.2558297	1.488444	49.28485	^ -----	.0106190
#2	105.0599	.2573300	1.488679	48.78588	^ -----	.0111437
#3	104.8855	.2551237	1.485654	48.60762	^ -----	.0114926

Sample Name: Q1647-01 Acquired: 3/26/2025 15:12:13 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0088062	.4307621	3.366292	9.170847	F 17.96706	.3947992
Stddev	.0019439	.0036438	.019683	.027422	.03003	.0021491
%RSD	22.07462	.8458872	.5846980	.2990102	.1671503	.5443623
#1	.0067982	.4349515	3.382116	9.182985	17.93892	.3965401
#2	.0106790	.4283306	3.372510	9.190105	17.96360	.3954603
#3	.0089414	.4290040	3.344252	9.139451	17.99868	.3923972

Elem	Sr4077
Units	ppm
Avg	.5686938
Stddev	.0046967
%RSD	.8258775
#1	.5650574
#2	.5739965
#3	.5670277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4216.443	98068.72	21911.31	2805.411	4315.036
Stddev	.390	200.97	34.31	13.713	4.484
%RSD	.0092590	.2049242	.1565640	.4887898	.1039092
#1	4216.890	97836.91	21949.13	2791.260	4310.396
#2	4216.171	98175.40	21882.20	2818.638	4319.345
#3	4216.267	98193.85	21902.60	2806.335	4315.369

Sample Name: Q1648-01 Acquired: 3/26/2025 15:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0588398	.0092888	2.124015	-.031713	.0046786	98.84249	.9839025
Stddev	.0019037	.0014868	.000442	.004579	.0025065	.04397	.0020508
%RSD	3.235367	16.00592	.0208136	14.43985	53.57401	.0444829	.2084326

#1	.0605587	.0109462	2.123700	-.029741	.0073818	98.88763	.9861400
#2	.0591668	.0080725	2.123825	-.036948	.0024314	98.79980	.9821123
#3	.0567937	.0088477	2.124520	-.028450	.0042226	98.84004	.9834551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077564	-.003823	29.00579	.2009535	.0897893	.5542068	214.2358
Stddev	.0001206	.000078	.05877	.0002680	.0004280	.0013435	.1702
%RSD	1.554755	2.042824	.2026174	.1333802	.4766341	.2424151	.0794379

#1	.0076257	-.003887	28.99371	.2010769	.0902784	.5536164	214.4267
#2	.0078633	-.003847	29.06967	.2006460	.0894835	.5532596	214.1808
#3	.0077804	-.003736	28.95401	.2011377	.0896061	.5557444	214.0999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845053	21.24245	.1701206	.0027312	2.030637	.2755557	2.194525
Stddev	.003600	.02964	.0001738	.0001875	.007348	.0012777	.014230
%RSD	.0743004	.1395397	.1021425	6.864019	.3618805	.4636857	.6484368

#1	4.848787	21.20940	.1701180	.0025155	2.026561	.2769594	2.205901
#2	4.841604	21.25125	.1699482	.0028547	2.039120	.2752472	2.199105
#3	4.844768	21.26669	.1702957	.0028234	2.026230	.2744605	2.178568

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13090	-.115493	.0036895	.3270453	2.752750	9.567281	6.136047
Stddev	.05392	.000708	.0001626	.0007141	.019219	.129008	.009898
%RSD	.5322483	.6133147	4.408056	.2183436	.6981634	1.348431	.1613062

#1	10.08174	-.114705	.0037097	.3275260	2.770229	9.708414	6.135464
#2	10.12239	-.115696	.0035177	.3273852	2.755853	9.455433	6.146224
#3	10.18857	-.116077	.0038411	.3262248	2.732169	9.537994	6.126454

Sample Name: Q1648-01 Acquired: 3/26/2025 15:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.147103	.1937452	.0110616
Stddev	.002797	.0009378	.0001974
%RSD	.1302753	.4840219	1.784357
#1	2.149913	.1940219	.0111912
#2	2.144319	.1927002	.0108345
#3	2.147078	.1945135	.0111592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.047	81489.54	17538.73	2390.316	4863.172
Stddev	7.098	141.98	27.22	17.014	8.032
%RSD	.1950632	.1742285	.1552118	.7117950	.1651512
#1	3646.809	81650.80	17559.40	2374.342	4870.307
#2	3632.885	81383.32	17548.90	2388.398	4854.473
#3	3637.447	81434.50	17507.89	2408.208	4864.736

Sample Name: Q1648-03 Acquired: 3/26/2025 15:20:46 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0789162	.0048676	1.272598	-.034261	-.000806	112.4644	3.062306
Stddev	.0016443	.0042220	.004643	.002081	.002772	.3104	.010151
%RSD	2.083589	86.73619	.3648824	6.074650	344.0774	.2759771	.3314791

#1	.0799056	.0009317	1.275868	-.032880	-.000757	112.5804	3.072110
#2	.0770181	.0043442	1.274643	-.033247	-.003601	112.1128	3.051841
#3	.0798249	.0093268	1.267283	-.036655	.001942	112.7001	3.062967

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079256	-.002686	234.4852	.2057087	.0925061	.5546755	201.9854
Stddev	.0001014	.000148	.7739	.0010858	.0003668	.0011811	.4271
%RSD	1.278775	5.518172	.3300533	.5278266	.3964573	.2129302	.2114368

#1	.0079872	-.002765	235.2910	.2058488	.0928367	.5557839	202.4722
#2	.0078086	-.002777	233.7476	.2067176	.0925702	.5548095	201.6738
#3	.0079808	-.002515	234.4170	.2045597	.0921116	.5534332	201.8101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.592916	31.56768	.1856454	.0006601	4.746239	.2666914	.9566554
Stddev	.015491	.14164	.0005586	.0003037	.015383	.0010558	.0021727
%RSD	.3372813	.4486812	.3009014	46.00362	.3241039	.3958862	.2271151

#1	4.606272	31.60531	.1862879	.0008846	4.758994	.2677730	.9590732
#2	4.575933	31.41102	.1853739	.0007810	4.750568	.2656635	.9560264
#3	4.596543	31.68670	.1852745	.0003146	4.729156	.2666378	.9548667

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.99146	-.124773	.0031810	.0967259	2.812191	7.156213	6.962929
Stddev	.02597	.002669	.0000999	.0003317	.018483	.057637	.034844
%RSD	.1999054	2.139190	3.139527	.3429380	.6572470	.8054101	.5004222

#1	12.96307	-.121775	.0030818	.0970612	2.822400	7.122318	6.998331
#2	12.99728	-.125653	.0031797	.0967184	2.790855	7.123558	6.961784
#3	13.01403	-.126891	.0032816	.0963979	2.823317	7.222763	6.928672

Sample Name: Q1648-03 Acquired: 3/26/2025 15:20:46 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.735880	.1744972	.7351136
Stddev	.010532	.0009799	.0024921
%RSD	.2223939	.5615691	.3390072
#1	4.747242	.1748339	.7376086
#2	4.733955	.1752644	.7326245
#3	4.726443	.1733934	.7351079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.738	79900.47	17472.43	2271.176	4500.942
Stddev	5.764	105.15	45.86	9.343	7.863
%RSD	.1658877	.1315955	.2624483	.4113809	.1746904
#1	3474.644	79813.59	17445.69	2262.039	4492.421
#2	3480.548	80017.36	17525.38	2280.713	4507.916
#3	3469.021	79870.46	17446.23	2270.776	4502.489

Sample Name: Q1643-03 Acquired: 3/26/2025 15:24:56 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.784509	.4111369	21.24229	F -1.17444	.8387781	177.7450
Stddev	.018395	.0003617	.08062	.00812	.0025739	.7024
%RSD	.3844765	.0879721	.3795152	.6914419	.3068597	.3951808

#1	4.765970	.4110171	21.24864	-1.17033	.8365335	177.1103
#2	4.784799	.4108502	21.15869	-1.16920	.8415875	177.6249
#3	4.802758	.4115432	21.31955	-1.18380	.8382135	178.4997

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.155522	.0701715	.5726867	130.0528	F 4.279451	3.087942
Stddev	.061391	.0001868	.0056100	.2034	.002593	.009022
%RSD	.9973298	.2661996	.9795943	.1563624	.0605925	.2921801

#1	6.180495	.0700540	.5662181	130.1774	4.277897	3.084226
#2	6.200490	.0703869	.5762217	130.1627	4.282444	3.081372
#3	6.085580	.0700737	.5756203	129.8181	4.278011	3.098229

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.64673	F 2761.517	10.14862	79.27556	4.717895	^ *****
Stddev	.11644	13.313	.03424	.15769	.013255	-----
%RSD	.1539285	.4820929	.3373701	.1989144	.2809524	-----

#1	75.60875	2773.289	10.17333	79.18109	4.711398	^ -----
#2	75.55402	2747.069	10.16299	79.45760	4.709141	^ -----
#3	75.77742	2764.194	10.10954	79.18798	4.733145	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.71441	.8047971	31.31617	77.69382	^ *****	F 24.07925
Stddev	.28862	.0042740	.09795	.50747	-----	.02055
%RSD	.7652694	.5310666	.3127697	.6531631	-----	.0853575

#1	38.04716	.8086085	31.36183	78.27806	^ -----	24.08272
#2	37.56418	.8056068	31.38294	77.36263	^ -----	24.05718
#3	37.53190	.8001762	31.20372	77.44078	^ -----	24.09785

Sample Name: Q1643-03 Acquired: 3/26/2025 15:24:56 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	3.503455	8.364097	F 13.67589	8.812565	F 95.34662	1.175742
Stddev	.005492	.031165	.06436	.033374	.29622	.006268
%RSD	.1567690	.3726087	.4705937	.3787118	.3106751	.5330720
#1	3.507994	8.396300	13.73632	8.783679	95.28558	1.181588
#2	3.497349	8.361904	13.60822	8.804916	95.08568	1.169124
#3	3.505021	8.334085	13.68314	8.849099	95.66861	1.176515

Elem	Sr4077
Units	ppm
Avg	F -1.50931
Stddev	.01191
%RSD	.7892222
#1	-1.51892
#2	-1.49598
#3	-1.51303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.999	79902.91	18947.65	2028.754	3439.926
Stddev	5.093	39.22	58.91	4.127	9.747
%RSD	.1616332	.0490864	.3109225	.2034386	.2833539
#1	3154.346	79863.03	18986.73	2031.625	3445.629
#2	3153.514	79941.44	18879.88	2030.612	3445.478
#3	3145.138	79904.26	18976.32	2024.024	3428.671

Sample Name: Q1648-05 Acquired: 3/26/2025 15:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0670589	.0035696	3.941931	-.027134	.0001922	105.7610	2.885013
Stddev	.0032412	.0012241	.009171	.004092	.0019665	.1097	.013279
%RSD	4.833298	34.29118	.2326511	15.07939	1023.402	.1037670	.4602735

#1	.0648689	.0049126	3.947559	-.022878	.0023957	105.6895	2.874062
#2	.0655256	.0032798	3.931348	-.027484	-.000435	105.8873	2.881196
#3	.0707822	.0025164	3.946886	-.031039	-.001384	105.7060	2.899783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077495	-.001980	68.32826	.1845532	.0891457	2.078276	181.8059
Stddev	.0000123	.000136	.17053	.0004874	.0003973	.002554	1.0187
%RSD	.1591230	6.887239	.2495753	.2640695	.4456527	.1228851	.5603116

#1	.0077400	-.001956	68.13191	.1839920	.0890849	2.080813	181.5502
#2	.0077451	-.001858	68.41356	.1848695	.0887823	2.075706	180.9394
#3	.0077634	-.002128	68.43931	.1847981	.0895698	2.078308	182.9281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.488679	25.14091	.1849641	.0012452	1.784482	.2391120	2.620897
Stddev	.015791	.06207	.0005612	.0005966	.021010	.0009028	.005770
%RSD	.2876957	.2468961	.3034153	47.91134	1.177355	.3775641	.2201470

#1	5.472401	25.14671	.1852909	.0006417	1.793371	.2384363	2.617061
#2	5.489704	25.19988	.1843161	.0012591	1.760489	.2401374	2.627532
#3	5.503932	25.07615	.1852853	.0018347	1.799585	.2387624	2.618096

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32048	-.097490	.0042484	.1512946	2.027291	9.918557	6.882528
Stddev	.07944	.007141	.0003138	.0004693	.002768	.075534	.020610
%RSD	.7696974	7.324682	7.386733	.3101745	.1365149	.7615413	.2994564

#1	10.36193	-.096605	.0038906	.1516170	2.025491	9.989096	6.867954
#2	10.22890	-.105032	.0044770	.1507562	2.030478	9.838862	6.873521
#3	10.37063	-.090832	.0043776	.1515105	2.025904	9.927713	6.906108

Sample Name: Q1648-05 Acquired: 3/26/2025 15:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.856698	.1860742	.2728475
Stddev	.018526	.0009553	.0009135
%RSD	.6485265	.5134217	.3348157
#1	2.865558	.1849736	.2718906
#2	2.835406	.1865608	.2729415
#3	2.869131	.1866884	.2737103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.181	83994.28	18524.73	2431.311	4752.068
Stddev	9.477	56.35	83.87	4.644	5.196
%RSD	.2536457	.0670841	.4527272	.1910005	.1093392
#1	3726.265	83929.64	18528.50	2436.672	4746.231
#2	3737.130	84033.01	18439.04	2428.712	4753.782
#3	3745.147	84020.19	18606.65	2428.548	4756.189

Sample Name: Q1648-07 Acquired: 3/26/2025 15:33:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0529382	.0018709	1.277931	-.021893	.0033653	108.3766
Stddev	.0023665	.0004795	.003062	.000398	.0020495	.1524
%RSD	4.470359	25.63156	.2396183	1.816059	60.89965	.1406598
#1	.0511090	.0023910	1.277441	-.022189	.0010399	108.2005
#2	.0556109	.0017752	1.281208	-.021441	.0049084	108.4669
#3	.0520947	.0014464	1.275143	-.022050	.0041477	108.4622
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.223924	.0082781	.0005266	47.06192	.1660702	.1031820
Stddev	.001836	.0000504	.0006106	.04491	.0035756	.0002190
%RSD	.1500117	.6089444	115.9569	.0954312	2.153091	.2122536
#1	1.221960	.0082720	-.000124	47.08000	.1700801	.1033497
#2	1.225597	.0082311	.001087	47.09498	.1632134	.1032621
#3	1.224214	.0083313	.000617	47.01079	.1649172	.1029342
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6399564	151.5473	4.014629	21.18090	.1693806	.0007877
Stddev	.0027968	2.8658	.003266	.04221	.0004404	.0001655
%RSD	.4370367	1.891050	.0813452	.1992734	.2599854	21.00387
#1	.6367308	154.7539	4.018241	21.22321	.1688732	.0006890
#2	.6417063	149.2359	4.013758	21.13879	.1696054	.0009788
#3	.6414322	150.6521	4.011886	21.18070	.1696632	.0006955
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.315559	.2561700	1.013266	8.182043	-.123643	.0246467
Stddev	.046895	.0009349	.018493	.124718	.007885	.0002223
%RSD	1.414404	.3649531	1.825063	1.524294	6.377400	.9017697
#1	3.368491	.2559783	1.033607	8.325088	-.114630	.0249018
#2	3.279200	.2553458	.997467	8.096088	-.129264	.0245436
#3	3.298987	.2571859	1.008725	8.124953	-.127036	.0244947

Sample Name: Q1648-07 Acquired: 3/26/2025 15:33:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.1343477	1.889624	4.906243	F 10.17728	F 16.48001	.1732111
Stddev	.0006362	.004530	.112924	.01894	.03396	.0011065
%RSD	.4735264	.2397416	2.301646	.1860669	.2060828	.6388057
#1	.1350697	1.890456	5.025708	10.19405	16.51901	.1737462
#2	.1338693	1.893681	4.891766	10.15674	16.46416	.1719388
#3	.1341042	1.884735	4.801256	10.18105	16.45688	.1739483

Elem	Sr4077
Units	ppm
Avg	.1331366
Stddev	.0025866
%RSD	1.942816
#1	.1303531
#2	.1354661
#3	.1335906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.975	88333.25	18089.61	2533.342	4815.402
Stddev	8.960	1520.37	23.04	33.793	9.066
%RSD	.2328458	1.721178	.1273852	1.333934	.1882689
#1	3853.245	86704.28	18098.49	2495.692	4820.846
#2	3837.629	89714.63	18106.90	2561.044	4804.936
#3	3853.049	88580.85	18063.45	2543.291	4820.423

Sample Name: Q1648-09 Acquired: 3/26/2025 15:37:44 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0562135	.0031820	1.513049	-.038221	-.000126	116.2522	1.527966
Stddev	.0011732	.0012059	.003838	.004031	.001600	.5185	.008122
%RSD	2.086981	37.89780	.2536457	10.54712	1275.171	.4460444	.5315599

#1	.0552595	.0039812	1.509518	-.042166	.001270	116.0630	1.525004
#2	.0575234	.0017949	1.512496	-.038389	.000226	115.8548	1.521740
#3	.0558576	.0037699	1.517134	-.034109	-.001872	116.8387	1.537153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090426	-.004194	46.66423	.2266249	.1064904	.9690091	230.0380
Stddev	.0000349	.000120	.24911	.0012816	.0001842	.0031785	.5746
%RSD	.3860948	2.851552	.5338298	.5655151	.1729863	.3280150	.2497813

#1	.0090709	-.004299	46.58060	.2268555	.1066966	.9672284	230.2312
#2	.0090535	-.004064	46.46769	.2277756	.1064328	.9671201	230.4912
#3	.0090036	-.004221	46.94439	.2252437	.1063419	.9726788	229.3918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.335237	30.48231	.2015189	.0005388	2.699074	.3249815	.9704044
Stddev	.026275	.16897	.0007685	.0001765	.008881	.0008526	.0018957
%RSD	.6060864	.5543142	.3813447	32.75234	.3290279	.2623607	.1953472

#1	4.320506	30.35042	.2019295	.0003361	2.688822	.3246115	.9723638
#2	4.319631	30.42374	.2019949	.0006579	2.704387	.3243765	.9702699
#3	4.365573	30.67277	.2006324	.0006225	2.704013	.3259567	.9685797

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.41814	-.147876	.0041196	.2015147	3.610811	7.188572	6.537730
Stddev	.01967	.008054	.0004883	.0013956	.013703	.048416	.013734
%RSD	.1583979	5.446758	11.85282	.6925654	.3794991	.6735097	.2100710

#1	12.40738	-.140715	.0044608	.2016330	3.606323	7.186773	6.552044
#2	12.44085	-.146317	.0035603	.2000637	3.599915	7.141081	6.524661
#3	12.40621	-.156596	.0043379	.2028474	3.626195	7.237862	6.536483

Sample Name: Q1648-09 Acquired: 3/26/2025 15:37:44 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	1.609962	.2281893	.0943464
Stddev	.001320	.0011446	.0022020
%RSD	.0819841	.5015923	2.333950
#1	1.609238	.2281390	.0937010
#2	1.609162	.2270707	.0925393
#3	1.611485	.2293582	.0967991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.092	85356.69	18206.36	2446.220	4728.541
Stddev	10.833	277.61	96.85	5.566	3.200
%RSD	.2919995	.3252312	.5319467	.2275251	.0676761
#1	3717.396	85352.03	18272.17	2452.314	4728.697
#2	3715.234	85081.44	18251.77	2444.944	4731.661
#3	3697.645	85636.60	18095.16	2441.404	4725.266

Sample Name: Q1648-11 Acquired: 3/26/2025 15:41:49 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0427942	.0063136	.5625529	-.032203	-.005534	144.6320	1.265581
Stddev	.0035276	.0016218	.0021052	.002543	.002169	.3170	.003796
%RSD	8.243203	25.68787	.3742319	7.895460	39.19983	.2191495	.2999317

#1	.0388307	.0054381	.5616443	-.029804	-.004846	144.2716	1.263041
#2	.0455897	.0053176	.5649599	-.034868	-.003792	144.7567	1.269945
#3	.0439620	.0081850	.5610546	-.031936	-.007964	144.8676	1.263758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093148	-.002786	28.39880	.2628593	.0984354	.3924426	201.3779
Stddev	.0001276	.000207	.10740	.0005929	.0001537	.0009949	1.0919
%RSD	1.370216	7.418448	.3781910	.2255442	.1561756	.2535207	.5421967

#1	.0094622	-.002687	28.47900	.2622150	.0983413	.3935595	200.2429
#2	.0092384	-.002648	28.44063	.2629813	.0986128	.3916510	201.4700
#3	.0092440	-.003024	28.27678	.2633818	.0983520	.3921174	202.4208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.047919	30.91448	.1912259	.0003005	1.124729	.3113368	.5965821
Stddev	.013263	.16965	.0004808	.0001979	.004892	.0018495	.0030206
%RSD	.4351415	.5487822	.2514345	65.85460	.4349175	.5940614	.5063230

#1	3.055435	31.08595	.1912295	.0003510	1.121492	.3102985	.5978489
#2	3.055716	30.91077	.1917049	.0000822	1.130356	.3134722	.5987631
#3	3.032605	30.74671	.1907433	.0004682	1.122338	.3102397	.5931344

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.95556	-.148020	.0021348	.0295391	1.705465	5.930208	6.174708
Stddev	.14948	.011373	.0000971	.0004795	.002632	.044741	.018892
%RSD	1.153799	7.683115	4.547025	1.623146	.1543205	.7544551	.3059613

#1	12.78941	-.158041	.0021494	.0298007	1.702732	5.943828	6.184533
#2	12.99813	-.150358	.0022237	.0298309	1.707982	5.966556	6.186662
#3	13.07914	-.135660	.0020312	.0289857	1.705680	5.880240	6.152927

Sample Name: Q1648-11 Acquired: 3/26/2025 15:41:49 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	1.595024	.2260800	-.039782
Stddev	.001795	.0011319	.000596
%RSD	.1125154	.5006596	1.498004
#1	1.597055	.2250896	-.039325
#2	1.594367	.2258366	-.039564
#3	1.593651	.2273138	-.040456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.667	87692.10	18910.02	2501.287	4722.589
Stddev	8.921	127.88	178.03	5.510	6.742
%RSD	.2344822	.1458268	.9414381	.2202829	.1427546
#1	3799.824	87825.23	18743.94	2504.091	4715.183
#2	3814.962	87680.86	18888.15	2494.939	4724.213
#3	3799.214	87570.21	19097.98	2504.831	4728.370

Sample Name: Q1648-13 Acquired: 3/26/2025 15:45:55 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0699303	.0083732	1.287329	-.038707	-.007292	109.4801	1.366469
Stddev	.0013466	.0024055	.003262	.002598	.003943	.1347	.004843
%RSD	1.925570	28.72882	.2533873	6.711671	54.07484	.1230272	.3543911

#1	.0713247	.0056021	1.285860	-.041465	-.007651	109.5059	1.372056
#2	.0698289	.0095933	1.285061	-.036306	-.003182	109.5999	1.363877
#3	.0686373	.0099242	1.291068	-.038349	-.011044	109.3343	1.363474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105200	-.002590	44.74385	.2095783	.0996855	.5063447	239.0661
Stddev	.0001207	.000136	.07961	.0003197	.0005038	.0014277	.2972
%RSD	1.147568	5.262261	.1779193	.1525483	.5053523	.2819706	.1243165

#1	.0106417	-.002464	44.82807	.2098589	.1001104	.5069793	239.4089
#2	.0105179	-.002734	44.73362	.2096458	.0991290	.5047097	238.9089
#3	.0104003	-.002572	44.66984	.2092303	.0998171	.5073451	238.8805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.313466	22.73186	.1791766	.0013411	2.059572	.3549250	1.010679
Stddev	.009858	.03385	.0002199	.0001111	.003600	.0001162	.007238
%RSD	.2285472	.1489288	.1227496	8.280945	.1748134	.0327313	.7161504

#1	4.324693	22.71712	.1789311	.0014693	2.055986	.3548057	1.002382
#2	4.309483	22.70788	.1792434	.0012779	2.059543	.3550378	1.013953
#3	4.306222	22.77059	.1793555	.0012760	2.063187	.3549315	1.015701

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64644	-.158287	.0037360	.1544931	1.930872	7.227590	8.647372
Stddev	.01841	.000961	.0001993	.0014780	.029781	.094465	.016354
%RSD	.1729217	.6071107	5.334815	.9566762	1.542336	1.307007	.1891179

#1	10.63953	-.158423	.0035746	.1561744	1.928028	7.206076	8.653922
#2	10.63248	-.157266	.0039588	.1539058	1.961973	7.330957	8.628759
#3	10.66730	-.159173	.0036745	.1533989	1.902616	7.145738	8.659436

Sample Name: Q1648-13 Acquired: 3/26/2025 15:45:55 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	3.312451	.2052523	.0698621
Stddev	.018786	.0010560	.0008161
%RSD	.5671278	.5144803	1.168090
#1	3.297289	.2063077	.0707880
#2	3.306598	.2052535	.0695506
#3	3.333467	.2041957	.0692477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.274	87834.20	19308.41	2491.569	4742.284
Stddev	8.892	105.17	28.44	3.515	11.946
%RSD	.2326246	.1197381	.1472941	.1410906	.2518934
#1	3814.082	87866.14	19287.85	2494.975	4733.167
#2	3831.730	87919.69	19340.87	2491.780	4755.807
#3	3821.010	87716.76	19296.52	2487.953	4737.879

Sample Name: Q1650-01DUP Acquired: 3/26/2025 15:49:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0508531	.0002088	.3559676	-.034465	-.007921	98.21547	.4827493
Stddev	.0004344	.0018951	.0026201	.001270	.000464	.14659	.0025712
%RSD	.8542491	907.6640	.7360385	3.685792	5.853108	.1492487	.5326119
#1	.0511560	-.000799	.3529646	-.033931	-.008353	98.35871	.4851377
#2	.0510479	.002395	.3571509	-.035915	-.007978	98.06575	.4800278
#3	.0503554	-.000969	.3577874	-.033549	-.007431	98.22196	.4830824
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070617	-.003661	31.10648	.2930254	.1064426	.3772746	222.0470
Stddev	.0000324	.000192	.07994	.0013132	.0004747	.0005497	1.1993
%RSD	.4589044	5.258380	.2569826	.4481419	.4459480	.1456894	.5401010
#1	.0070819	-.003875	31.14683	.2944053	.1058948	.3774966	223.4291
#2	.0070789	-.003604	31.01441	.2928797	.1067325	.3766486	221.4314
#3	.0070244	-.003503	31.15820	.2917911	.1067005	.3776785	221.2806
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.096182	33.34190	.1938099	.0077010	3.888690	.3608364	.9157347
Stddev	.008184	.08184	.0011413	.0001690	.035873	.0010569	.0046788
%RSD	.2643395	.2454596	.5888867	2.194857	.9224878	.2929027	.5109328
#1	3.104439	33.33203	.1949896	.0077899	3.930111	.3596299	.9150114
#2	3.088073	33.26544	.1927113	.0078070	3.867709	.3615986	.9114597
#3	3.096033	33.42823	.1937289	.0075061	3.868251	.3612808	.9207330
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82113	-.134238	.0044884	.0064544	3.968113	7.001533	5.475774
Stddev	.09081	.007665	.0002354	.0011890	.016912	.092719	.010356
%RSD	.8391695	5.710079	5.244075	18.42237	.4262010	1.324267	.1891298
#1	10.91713	-.125387	.0047163	.0071746	3.986991	7.077437	5.463819
#2	10.80964	-.138734	.0042462	.0071065	3.954345	7.028970	5.481998
#3	10.73661	-.138591	.0045027	.0050819	3.963004	6.898192	5.481505

Sample Name: Q1650-01DUP Acquired: 3/26/2025 15:49:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.260790	.1950940	-.060438
Stddev	.006224	.0011586	.000430
%RSD	.2752919	.5938732	.7111192
#1	2.267926	.1960986	-.060907
#2	2.257954	.1953570	-.060345
#3	2.256488	.1938266	-.060063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.085	84858.67	18609.15	2456.553	4782.104
Stddev	3.297	198.59	74.51	3.981	4.676
%RSD	.0873472	.2340272	.4004019	.1620440	.0977913
#1	3770.525	84668.69	18664.49	2454.815	4777.120
#2	3774.699	85064.88	18638.53	2461.107	4782.797
#3	3777.032	84842.45	18524.43	2453.737	4786.395

Sample Name: CCV06 Acquired: 3/26/2025 15:54:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.004369	4.987230	4.838233	5.073604	5.041404	9.784752	9.537590
Stddev	.005272	.013653	.013201	.015591	.005977	.002984	.039217
%RSD	.1053387	.2737586	.2728569	.3072990	.1185522	.0304975	.4111835

#1	5.007305	4.994335	4.850146	5.086817	5.038833	9.787192	9.509905
#2	4.998283	4.995866	4.824040	5.056408	5.037142	9.785639	9.520397
#3	5.007518	4.971490	4.840513	5.077588	5.048236	9.781425	9.582467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2360344	2.418631	23.82241	.9982369	2.427684	1.258983	4.867279
Stddev	.0007290	.004461	.02006	.0049385	.004470	.001222	.035477
%RSD	.3088592	.1844372	.0842066	.4947218	.1841071	.0970650	.7288943

#1	.2354997	2.421223	23.80334	1.003661	2.429291	1.259257	4.893466
#2	.2368648	2.413480	23.84333	.997048	2.422633	1.257648	4.826903
#3	.2357388	2.421191	23.82055	.994002	2.431128	1.260046	4.881468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.312563	23.58285	2.433843	1.251928	24.40820	2.418493	2.470594
Stddev	.001785	.04616	.005302	.003562	.14156	.007025	.008751
%RSD	.0771703	.1957192	.2178595	.2845485	.5799812	.2904860	.3542253

#1	2.310629	23.60849	2.437039	1.255480	24.55000	2.410497	2.479013
#2	2.312912	23.61050	2.427723	1.251947	24.26687	2.421309	2.471225
#3	2.314147	23.52957	2.436769	1.248356	24.40772	2.423674	2.461544

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.12911	4.728712	5.068243	4.874428	4.787804	5.072211	4.871023
Stddev	.10550	.026546	.005477	.010156	.007380	.031494	.002318
%RSD	.4198265	.5613839	.1080658	.2083626	.1541391	.6209159	.0475889

#1	25.24648	4.703908	5.071564	4.879627	4.779882	5.095428	4.868355
#2	25.04218	4.756711	5.061922	4.862725	4.794484	5.036362	4.872168
#3	25.09866	4.725519	5.071245	4.880932	4.789046	5.084843	4.872546

Sample Name: CCV06 Acquired: 3/26/2025 15:54:04 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.829185	4.756817	4.753302
Stddev	.014606	.008562	.030650
%RSD	.3024567	.1799957	.6448173
#1	4.843311	4.752911	4.769433
#2	4.814142	4.766635	4.772518
#3	4.830100	4.750904	4.717955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.339	74164.91	15207.57	2177.585	4910.515
Stddev	5.309	450.12	30.03	15.876	7.951
%RSD	.1596167	.6069235	.1974753	.7290863	.1619086
#1	3328.372	73645.86	15213.23	2159.618	4909.378
#2	3330.332	74447.92	15175.12	2183.416	4918.973
#3	3320.314	74400.95	15234.37	2189.722	4903.194

Sample Name: CCB06 Acquired: 3/26/2025 15:58:16 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000667	-.000363	-.000438	-.000375	-.000581	-.002581	-.006696
Stddev	.000731	.000696	.000778	.002831	.001163	.000645	.000232
%RSD	109.5306	191.9220	177.7254	754.4935	199.9300	24.97836	3.458545

#1	-.000624	-.001157	.000344	-.000400	-.000690	-.002362	-.006630
#2	.000041	-.000071	-.001211	.002468	.000631	-.003307	-.006504
#3	-.001418	.000140	-.000445	-.003194	-.001686	-.002075	-.006953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001360	.0000296	-.005750	.0003533	-.000242	-.000058	-.006255
Stddev	.0000548	.0000483	.004997	.0000088	.000075	.000108	.003428
%RSD	40.31926	162.8056	86.90114	2.498750	30.91190	185.9948	54.79628

#1	.0001923	.0000536	-.004870	.0003531	-.000253	-.000170	-.008415
#2	.0000828	-.000026	-.011129	.0003446	-.000310	-.000050	-.008048
#3	.0001328	.000061	-.001252	.0003622	-.000162	.000046	-.002303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0054073	.0001560	.0003784	.0516562	.0003196	-.001038
Stddev	.000169	.0053741	.0000861	.0000689	.0130062	.0014763	.000175
%RSD	644.6471	99.38448	55.19875	18.19973	25.17838	461.8917	16.82556

#1	-.000077	.0094514	.0000824	.0003225	.0547593	.0018094	-.001010
#2	.000163	.0074615	.0002506	.0003574	.0373792	-.001143	-.001225
#3	-.000164	-.000691	.0001349	.0004553	.0628303	.000292	-.000879

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531789	.0008764	.0004507	.0022144	.0007210	.0036109	-.004339
Stddev	.0495902	.0007730	.0002503	.0009049	.0001375	.0015855	.002612
%RSD	19.58700	88.19472	55.53036	40.86414	19.07215	43.90956	60.20108

#1	.2132254	.0017476	.0004967	.0022613	.0006340	.0020965	-.006587
#2	.2376313	.0006094	.0001806	.0030949	.0008795	.0034772	-.004956
#3	.3086799	.0002724	.0006748	.0012870	.0006494	.0052591	-.001473

Sample Name: CCB06 Acquired: 3/26/2025 15:58:16 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	-.001099	-.003758	.0000796
Stddev	.003072	.001264	.0000722
%RSD	279.6131	33.62884	90.66657
#1	.001688	-.005150	.0000285
#2	-.004392	-.003439	.0000482
#3	-.000591	-.002684	.0001622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.058	76743.91	15645.78	2230.156	5482.240
Stddev	7.341	146.11	89.92	10.336	4.573
%RSD	.2142070	.1903908	.5747497	.4634854	.0834237
#1	3432.593	76639.05	15599.50	2225.868	5486.540
#2	3429.851	76681.86	15749.42	2222.653	5482.747
#3	3418.731	76910.80	15588.43	2241.946	5477.435

Sample Name: Q1650-01 Acquired: 3/26/2025 16:02:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0502088	-.001927	.3564558	-.033773	-.007110	98.20096	.4745167
Stddev	.0015706	.003426	.0008435	.000477	.000325	.15185	.0017443
%RSD	3.128083	177.8064	.2366247	1.412182	4.572132	.1546300	.3675881

#1	.0498201	.000841	.3555642	-.033996	-.007164	98.07686	.4737680
#2	.0519372	-.000863	.3565621	-.033225	-.006761	98.15574	.4732718
#3	.0488690	-.005759	.3572411	-.034097	-.007404	98.37028	.4765104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068746	-.003132	30.98927	.2725717	.1066722	.3791088	220.9383
Stddev	.0000720	.000064	.10999	.0020139	.0000752	.0004891	.2387
%RSD	1.047604	2.037560	.3549168	.7388385	.0705003	.1290148	.1080502

#1	.0068250	-.003180	30.89016	.2717587	.1065893	.3792088	220.7882
#2	.0068416	-.003157	30.97005	.2748650	.1066915	.3795402	220.8130
#3	.0069572	-.003060	31.10760	.2710914	.1067359	.3785774	221.2135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.047465	33.26526	.1944641	.0074076	3.863852	.3585829	.9221605
Stddev	.011138	.02689	.0008273	.0001999	.016675	.0004980	.0044682
%RSD	.3654949	.0808434	.4254438	2.697932	.4315612	.1388708	.4845373

#1	3.035636	33.26088	.1950772	.0074833	3.866013	.3591133	.9256654
#2	3.049007	33.24082	.1935231	.0071810	3.846202	.3585099	.9236872
#3	3.057752	33.29407	.1947920	.0075585	3.879341	.3581254	.9171291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87358	-.130164	.0043207	.0065421	3.911163	7.010485	5.516279
Stddev	.04078	.001931	.0000751	.0012821	.015486	.042762	.006067
%RSD	.3750163	1.483406	1.739276	19.59738	.3959394	.6099716	.1099893

#1	10.91723	-.128051	.0044063	.0059841	3.896302	6.968244	5.520390
#2	10.83646	-.131837	.0042658	.0080086	3.909980	7.009461	5.509310
#3	10.86706	-.130604	.0042900	.0056336	3.927206	7.053749	5.519136

Sample Name: Q1650-01 Acquired: 3/26/2025 16:02:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	2.311786	.1919106	-.060692
Stddev	.008937	.0017950	.000199
%RSD	.3865780	.9353034	.3276989
#1	2.310607	.1903186	-.060607
#2	2.303497	.1915571	-.060919
#3	2.321254	.1938560	-.060550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.382	84381.19	18691.35	2415.691	4762.462
Stddev	5.346	220.52	39.08	9.532	2.804
%RSD	.1424255	.2613333	.2090618	.3945775	.0588739
#1	3759.198	84271.33	18725.17	2407.424	4760.389
#2	3752.267	84237.19	18648.58	2413.531	4765.652
#3	3748.682	84635.06	18700.32	2426.117	4761.345

Sample Name: Q1650-01LX5 Acquired: 3/26/2025 16:06:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0108787	-.000005	.0730829	-.007236	-.001049	22.31402	.1015582
Stddev	.0019525	.001062	.0007074	.001399	.002673	.05456	.0002974
%RSD	17.94758	20962.60	.9679488	19.33441	254.9006	.2445240	.2928226

#1	.0087996	-.000897	.0733077	-.008831	.001910	22.34164	.1013407
#2	.0126733	-.000289	.0722904	-.006217	-.003291	22.34924	.1018971
#3	.0111633	.001171	.0736506	-.006660	-.001766	22.25117	.1014367

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018063	-.002016	7.202080	.0619014	.0211509	.0905180	48.69496
Stddev	.0001267	.000129	.005788	.0002127	.0002045	.0003376	.47022
%RSD	7.014911	6.419985	.0803593	.3436778	.9668720	.3729729	.9656371

#1	.0016847	-.001999	7.207218	.0616591	.0213707	.0904786	48.61215
#2	.0017967	-.001896	7.203212	.0620575	.0211160	.0908735	48.27165
#3	.0019376	-.002153	7.195810	.0619875	.0209662	.0902018	49.20108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7204950	7.725536	.0391363	.0020529	.8226608	.0828462	.2079501
Stddev	.0012428	.035851	.0001338	.0000994	.0171078	.0013368	.0013004
%RSD	.1724951	.4640631	.3419963	4.844015	2.079573	1.613570	.6253464

#1	.7204169	7.712602	.0389854	.0020589	.8307869	.0825928	.2066156
#2	.7217751	7.766059	.0392409	.0019505	.8030044	.0842915	.2080214
#3	.7192931	7.697946	.0391826	.0021491	.8341910	.0816542	.2092134

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429053	-.047290	.0009239	.0026896	.9079944	1.472076	1.092213
Stddev	.063157	.002254	.0003403	.0004606	.0021835	.032629	.001948
%RSD	2.600070	4.765807	36.83406	17.12577	.2404785	2.216521	.1783670

#1	2.444883	-.047164	.0008579	.0028796	.9092095	1.504402	1.094342
#2	2.359487	-.049605	.0012924	.0030248	.9093001	1.439152	1.091777
#3	2.482789	-.045103	.0006214	.0021644	.9054736	1.472674	1.090520

Sample Name: Q1650-01LX5 Acquired: 3/26/2025 16:06:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.4506842	.0402787	-.012261
Stddev	.0009661	.0008384	.000338
%RSD	.2143689	2.081574	2.758432
#1	.4517955	.0394830	-.012200
#2	.4500443	.0401990	-.011957
#3	.4502126	.0411541	-.012625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.662	78410.57	16225.51	2265.438	5174.091
Stddev	6.851	165.99	137.36	9.576	7.568
%RSD	.1962636	.2116955	.8465526	.4227216	.1462692
#1	3483.690	78371.65	16198.45	2263.193	5167.484
#2	3497.385	78592.56	16103.69	2275.937	5182.348
#3	3490.911	78267.50	16374.38	2257.183	5172.440

Sample Name: Q1650-01MS Acquired: 3/26/2025 16:10:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6843115	1.766615	1.165219	1.512700	.3174562	115.1159
Stddev	.0020706	.008646	.006084	.002174	.0012546	.1540
%RSD	.3025806	.4894260	.5221242	.1437476	.3952067	.1338204

#1	.6826646	1.770979	1.172237	1.514698	.3163401	114.9937
#2	.6866360	1.756657	1.161987	1.510384	.3188141	115.2889
#3	.6836338	1.772210	1.161433	1.513018	.3172142	115.0649

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6297968	.1533360	.1787215	26.53304	.6106393	.2904469
Stddev	.0011838	.0005443	.0006809	.04334	.0004125	.0014685
%RSD	.1879655	.3549945	.3809650	.1633330	.0675438	.5055916

#1	.6310482	.1532718	.1795061	26.56062	.6103623	.2921014
#2	.6296476	.1539097	.1783728	26.55541	.6104424	.2892982
#3	.6286947	.1528267	.1782856	26.48309	.6111133	.2899410

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5866058	221.9983	2.949220	36.91930	.6624455	.0625856
Stddev	.0009808	.5041	.004818	.08120	.0012175	.0000894
%RSD	.1671930	.2270638	.1633777	.2199493	.1837891	.1428767

#1	.5874785	222.4881	2.954781	37.00905	.6638216	.0626263
#2	.5867945	221.4811	2.946295	36.89794	.6620064	.0624831
#3	.5855444	222.0258	2.946584	36.85092	.6615084	.0626474

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.507517	.5914885	1.061326	18.11974	.0410511	.3234675
Stddev	.019315	.0012185	.004909	.05622	.0023037	.0007635
%RSD	.2968093	.2060060	.4625277	.3102873	5.611869	.2360478

#1	6.522828	.5900816	1.057944	18.12282	.0430113	.3241117
#2	6.513906	.5921782	1.066957	18.06204	.0385136	.3236666
#3	6.485817	.5922058	1.059078	18.17436	.0416282	.3226241

Sample Name: Q1650-01MS Acquired: 3/26/2025 16:10:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6356239	4.215935	7.091672	F 10.98326	1.948172	.3728529
Stddev	.0009231	.004701	.062158	.04794	.005131	.0010176
%RSD	.1452210	.1114947	.8764885	.4364773	.2633827	.2729163
#1	.6359022	4.218335	7.163236	11.03834	1.948920	.3731753
#2	.6363758	4.218952	7.051144	10.95094	1.942708	.3736703
#3	.6345937	4.210519	7.060636	10.96050	1.952889	.3717132

Elem	Sr4077
Units	ppm
Avg	.0815426
Stddev	.0004378
%RSD	.5368694
#1	.0814173
#2	.0820294
#3	.0811812

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.561	86530.67	18568.59	2518.324	4738.449
Stddev	9.347	129.89	55.00	8.869	16.565
%RSD	.2441955	.1501044	.2961857	.3521617	.3495885
#1	3817.727	86566.85	18574.99	2520.846	4719.338
#2	3828.628	86386.53	18510.67	2508.468	4747.298
#3	3836.329	86638.63	18620.11	2525.659	4748.710

Sample Name: Q1650-01MSD Acquired: 3/26/2025 16:14:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6788694	1.768185	1.164829	1.495919	.3196961	114.3403
Stddev	.0042710	.021900	.005919	.005890	.0027263	.2366
%RSD	.6291326	1.238567	.5081703	.3937702	.8527860	.2069403

#1	.6740190	1.792555	1.164725	1.493311	.3207261	114.2416
#2	.6820667	1.750152	1.158963	1.491783	.3166049	114.1691
#3	.6805227	1.761849	1.170800	1.502664	.3217574	114.6104

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6288196	.1513274	.1783771	25.86904	.6028837	.2883591
Stddev	.0022341	.0006476	.0009821	.08013	.0014782	.0014209
%RSD	.3552802	.4279737	.5505726	.3097584	.2451862	.4927387

#1	.6278810	.1505799	.1782547	25.81158	.6040502	.2885515
#2	.6272080	.1517217	.1774620	25.83496	.6033797	.2868519
#3	.6313699	.1516804	.1794147	25.96058	.6012214	.2896740

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5839543	215.6743	2.944538	36.74917	.6581087	.0605004
Stddev	.0023254	.8695	.014511	.08132	.0031630	.0003012
%RSD	.3982208	.4031632	.4928264	.2212870	.4806151	.4978077

#1	.5830838	216.6150	2.936180	36.65838	.6582767	.0602052
#2	.5821897	214.9000	2.936140	36.77382	.6548650	.0604888
#3	.5865894	215.5081	2.961295	36.81531	.6611843	.0608073

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.150382	.5942586	1.029353	17.46844	.0151602	.3280146
Stddev	.019258	.0027734	.003721	.12819	.0037511	.0019064
%RSD	.3131165	.4666929	.3614432	.7338165	24.74297	.5812072

#1	6.163952	.5943635	1.033639	17.59550	.0194299	.3277350
#2	6.128341	.5914343	1.027462	17.33916	.0136560	.3262634
#3	6.158854	.5969780	1.026957	17.47066	.0123947	.3300454

Sample Name: Q1650-01MSD Acquired: 3/26/2025 16:14:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6295222	4.190873	5.255778	F 10.95755	1.892608	.3689538
Stddev	.0019653	.012550	.057058	.04052	.014823	.0010729
%RSD	.3121805	.2994500	1.085619	.3697982	.7831953	.2908063
#1	.6296433	4.186185	5.275156	10.95601	1.895224	.3686350
#2	.6274993	4.181342	5.191555	10.91781	1.876651	.3680764
#3	.6314242	4.205092	5.300623	10.99881	1.905949	.3701500

Elem	Sr4077
Units	ppm
Avg	.0853762
Stddev	.0011182
%RSD	1.309697
#1	.0844834
#2	.0850150
#3	.0866304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.775	89040.05	18581.86	2556.676	4782.793
Stddev	12.246	240.96	75.94	11.956	16.123
%RSD	.3176087	.2706165	.4086811	.4676502	.3371107
#1	3856.263	88762.35	18663.48	2545.184	4777.608
#2	3867.771	89164.11	18568.79	2569.048	4800.871
#3	3843.293	89193.71	18513.29	2555.795	4769.901

Sample Name: Q1650-01A Acquired: 3/26/2025 16:18:53 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6987442	1.790365	1.176672	1.542916	.3251315	115.0617
Stddev	.0020310	.000463	.005812	.005223	.0051558	.1071
%RSD	.2906694	.0258804	.4939312	.3385017	1.585760	.0930526

#1	.7002817	1.790808	1.180262	1.537046	.3193229	115.1507
#2	.6995092	1.789884	1.169967	1.547048	.3291663	114.9429
#3	.6964418	1.790403	1.179788	1.544654	.3269052	115.0915

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6267974	.1532038	.1806430	25.71273	.6156719	.2922282
Stddev	.0016434	.0006976	.0005515	.03636	.0020994	.0004134
%RSD	.2621945	.4553166	.3052812	.1413937	.3409950	.1414712

#1	.6283985	.1533892	.1806693	25.75461	.6133944	.2926391
#2	.6268792	.1524322	.1800789	25.68927	.6160915	.2918123
#3	.6251146	.1537899	.1811809	25.69431	.6175298	.2922332

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5890340	223.2401	2.949624	36.95282	.6670428	.0627893
Stddev	.0007537	1.1181	.005671	.10358	.0002557	.0002737
%RSD	.1279581	.5008609	.1922622	.2802968	.0383278	.4359726

#1	.5892243	222.4238	2.956153	36.90756	.6673176	.0625748
#2	.5896743	224.5146	2.945916	36.87959	.6668119	.0630976
#3	.5882033	222.7820	2.946805	37.07133	.6669991	.0626956

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.514415	.5939284	1.050887	17.92070	.0377659	.3334436
Stddev	.031273	.0005121	.002359	.10758	.0043064	.0007140
%RSD	.4800561	.0862236	.2244818	.6003366	11.40301	.2141255

#1	6.517887	.5944450	1.049779	17.85295	.0368796	.3326621
#2	6.543807	.5939192	1.049286	18.04475	.0424465	.3340618
#3	6.481551	.5934209	1.053596	17.86440	.0339715	.3336069

Sample Name: Q1650-01A Acquired: 3/26/2025 16:18:53 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6424986	4.194253	4.583479	F 11.13738	1.927812	.3723997
Stddev	.0003783	.006349	.034993	.01144	.006364	.0007097
%RSD	.0588718	.1513747	.7634488	.1026763	.3301184	.1905672
#1	.6425207	4.201469	4.547181	11.14325	1.925088	.3728874
#2	.6421098	4.191765	4.617001	11.12421	1.935085	.3715856
#3	.6428653	4.189525	4.586254	11.14470	1.923264	.3727263
Elem	Sr4077					
Units	ppm					
Avg	.0790469					
Stddev	.0015002					
%RSD	1.897821					
#1	.0806882					
#2	.0777465					
#3	.0787061					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3785.105	86118.98	18583.72	2497.722	4704.383	
Stddev	1.531	446.59	52.63	10.502	6.220	
%RSD	.0404452	.5185731	.2831891	.4204649	.1322170	
#1	3786.616	86629.46	18577.10	2507.953	4701.615	
#2	3785.145	85800.47	18639.35	2486.969	4711.507	
#3	3783.555	85927.02	18534.72	2498.243	4700.028	

Sample Name: PB167336BL Acquired: 3/26/2025 16:22:52 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000710	-.000899	-.000348	-.002438	.0004937	.0028197	-.007893
Stddev	.003203	.000949	.001029	.000992	.0008645	.0034147	.000833
%RSD	450.8529	105.6652	295.9651	40.69702	175.0837	121.1022	10.55351

#1	-.002535	.000164	.000442	-.001581	.0011452	.0009820	-.008814
#2	-.002584	-.001198	-.001511	-.003525	-.000487	.0067596	-.007193
#3	.002988	-.001662	.000027	-.002207	.000823	.0007174	-.007670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001140	-.000091	-.004635	.0004443	.0000381	-.000452	-.001625
Stddev	.0000413	.000070	.003074	.0000149	.0000989	.000192	.002691
%RSD	36.23877	77.08703	66.31301	3.353769	259.5432	42.55641	165.6356

#1	.0001003	-.000014	-.002061	.0004340	.0001511	-.000620	-.004573
#2	.0000813	-.000107	-.008038	.0004374	-.000032	-.000242	.000699
#3	.0001604	-.000152	-.003805	.0004614	-.000005	-.000495	-.001000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003716	.0090734	-.000094	.0008473	.0631330	.0006435	-.001066
Stddev	.0000278	.0145613	.000177	.0000881	.0192620	.0007961	.000290
%RSD	7.475563	160.4837	187.2038	10.39347	30.51019	123.7160	27.19363

#1	.0003478	.0201040	-.000181	.0007514	.0764912	.0000849	-.001352
#2	.0004021	.0145479	.000109	.0008660	.0410528	.0015551	-.000772
#3	.0003649	-.007432	-.000211	.0009246	.0718548	.0002905	-.001073

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1418915	-.003161	-.000207	.0019958	.0010374	.0112259	-.002967
Stddev	.0492414	.000240	.000154	.0004526	.0000901	.0064845	.000707
%RSD	34.70356	7.581513	74.00455	22.67651	8.687834	57.76381	23.82651

#1	.0867248	-.003431	-.000298	.0020268	.0010216	.0147423	-.003774
#2	.1813993	-.002973	-.000295	.0024321	.0009563	.0037427	-.002455
#3	.1575505	-.003080	-.000030	.0015286	.0011344	.0151925	-.002672

Sample Name: PB167336BL Acquired: 3/26/2025 16:22:52 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0016693	-.004581	.0000476
Stddev	.0034882	.001323	.0000197
%RSD	208.9582	28.87739	41.39737
#1	-.000832	-.005998	.0000704
#2	.000186	-.004367	.0000357
#3	.005654	-.003378	.0000368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.231	76272.56	15628.84	2180.425	5506.809
Stddev	6.482	324.25	52.19	12.864	8.518
%RSD	.1901296	.4251153	.3339114	.5899927	.1546856
#1	3403.551	75904.17	15688.23	2165.671	5497.922
#2	3407.849	76514.67	15608.01	2189.297	5507.603
#3	3416.292	76398.83	15590.29	2186.307	5514.903

Sample Name: PB167336BS Acquired: 3/26/2025 16:27:12 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7736529	1.921153	.9022463	1.992373	.7988721	1.893255
Stddev	.0035821	.014306	.0028423	.005428	.0034910	.007170
%RSD	.4630165	.7446620	.3150272	.2724275	.4369854	.3787379

#1	.7698789	1.916883	.8999903	1.995291	.8021620	1.899965
#2	.7740737	1.909468	.9054387	1.986110	.7952100	1.885699
#3	.7770060	1.937108	.9013100	1.995717	.7992442	1.894102

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1672851	.1805253	.1823222	.9050082	.3856305	.1851125
Stddev	.0008418	.0010591	.0003058	.0049616	.0022950	.0003311
%RSD	.5032098	.5866480	.1677528	.5482324	.5951270	.1788732

#1	.1675912	.1795707	.1822275	.9107304	.3880903	.1851944
#2	.1663331	.1816645	.1826642	.9023895	.3852545	.1853950
#3	.1679311	.1803407	.1820749	.9019045	.3835467	.1847481

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3039439	2.733978	.1761200	1.772451	.4674259	.0728626
Stddev	.0005760	.022963	.0010354	.020975	.0009877	.0001531
%RSD	.1895126	.8399101	.5878887	1.183411	.2113008	.2101173

#1	.3042282	2.760407	.1758486	1.751241	.4665962	.0730066
#2	.3043226	2.718915	.1772641	1.793183	.4685184	.0728794
#3	.3032811	2.722612	.1752474	1.772930	.4671630	.0727018

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.562716	.2717802	.1936736	9.252318	.2622925	.3973349
Stddev	.041183	.0021231	.0012681	.081710	.0011124	.0010183
%RSD	1.607024	.7811867	.6547490	.8831345	.4240928	.2562941

#1	2.602912	.2727036	.1947413	9.344241	.2623069	.3982628
#2	2.564626	.2732852	.1940076	9.224774	.2633976	.3962454
#3	2.520611	.2693517	.1922720	9.187939	.2611730	.3974965

Sample Name: PB167336BS Acquired: 3/26/2025 16:27:12 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6520290	.1791216	F .7415921	5.422122	F -.006318	.1810834
Stddev	.0007366	.0000977	.0070835	.007202	.002860	.0009193
%RSD	.1129709	.0545621	.9551784	.1328206	45.27482	.5076884
#1	.6515196	.1792170	.7494989	5.419566	-.009578	.1800635
#2	.6528736	.1791261	.7358254	5.430253	-.005148	.1813381
#3	.6516937	.1790217	.7394519	5.416547	-.004227	.1818485

Elem	Sr4077
Units	ppm
Avg	.1755503
Stddev	.0000905
%RSD	.0515321
#1	.1755132
#2	.1756535
#3	.1754843

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.728	76457.48	15508.83	2216.377	5219.825
Stddev	8.083	314.36	69.15	13.094	7.337
%RSD	.2414483	.4111626	.4458855	.5907850	.1405517
#1	3338.437	76181.79	15582.60	2201.462	5216.461
#2	3353.142	76390.81	15445.48	2221.687	5214.775
#3	3351.605	76799.83	15498.40	2225.982	5228.241

Sample Name: Q1642-01 Acquired: 3/26/2025 16:31:14 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0381388	-.001519	.2911238	-.036200	-.006888	85.02851	.3897645
Stddev	.0030001	.004943	.0007646	.002579	.000382	.10040	.0000868
%RSD	7.866316	325.3184	.2626271	7.124965	5.552795	.1180783	.0222743

#1	.0355767	.000898	.2902454	-.034894	-.006875	84.93041	.3896667
#2	.0374005	.001750	.2914861	-.034535	-.006512	85.02405	.3897945
#3	.0414392	-.007205	.2916399	-.039171	-.007277	85.13106	.3898324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062253	-.004448	64.48335	.2294136	.1190489	.4333665	237.9616
Stddev	.0000823	.000556	.10602	.0020880	.0002867	.0012160	2.6907
%RSD	1.321639	12.49820	.1644114	.9101389	.2407851	.2805916	1.130738

#1	.0061314	-.004936	64.41574	.2313818	.1193735	.4338978	239.9019
#2	.0062845	-.004565	64.42877	.2296355	.1189424	.4319753	239.0930
#3	.0062601	-.003843	64.60554	.2272235	.1188307	.4342265	234.8899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.716268	51.30918	.2031213	.0008122	16.06185	.4311159	.7094078
Stddev	.005541	.11615	.0007315	.0003146	.20309	.0024028	.0102052
%RSD	.2040035	.2263760	.3601364	38.73691	1.264455	.5573421	1.438550

#1	2.711510	51.23733	.2039517	.0009612	16.17174	.4287517	.7158587
#2	2.714942	51.24702	.2028401	.0004507	16.18633	.4335555	.7147226
#3	2.722352	51.44319	.2025722	.0010245	15.82749	.4310404	.6976422

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.14206	-.088584	.0039401	.0035866	5.072780	3.894091	7.503209
Stddev	.19060	.006465	.0006198	.0006177	.011435	.033113	.015341
%RSD	1.180776	7.298043	15.73090	17.22347	.2254194	.8503313	.2044649

#1	16.22607	-.082945	.0045422	.0041895	5.059998	3.859230	7.520566
#2	16.27622	-.087166	.0033040	.0036152	5.076303	3.897919	7.491465
#3	15.92388	-.095640	.0039743	.0029550	5.082039	3.925123	7.497594

Sample Name: Q1642-01 Acquired: 3/26/2025 16:31:14 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	8.434904	.2202049	-.023520
Stddev	.007524	.0019258	.002902
%RSD	.0891999	.8745469	12.33910
#1	8.443545	.2213721	-.025825
#2	8.431364	.2212604	-.024473
#3	8.429804	.2179821	-.020261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3709.680	84634.99	18315.43	2454.609	4698.468
Stddev	2.802	766.04	77.76	21.185	2.096
%RSD	.0755424	.9051105	.4245736	.8630637	.0446097
#1	3710.938	84047.97	18346.42	2432.575	4698.006
#2	3706.469	84355.46	18372.93	2456.425	4696.642
#3	3711.634	85501.54	18226.96	2474.828	4700.757

Sample Name: Q1643-03DUP Acquired: 3/26/2025 16:35:18 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.721774	.4101417	21.60337	F -1.18269	.8092179	178.5513
Stddev	.025442	.0049129	.04535	.00923	.0058394	.2553
%RSD	.5388172	1.197861	.2099141	.7807165	.7216057	.1429750

#1	4.737828	.4084787	21.55896	-1.17470	.8132040	178.2665
#2	4.692440	.4156703	21.64960	-1.18056	.8025152	178.6277
#3	4.735054	.4062760	21.60156	-1.19280	.8119346	178.7596

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.111325	.0741370	.5668637	129.9080	F 4.244235	3.111431
Stddev	.089086	.0002681	.0058150	.6111	.009627	.006436
%RSD	1.457726	.3616652	1.025821	.4704008	.2268177	.2068589

#1	6.213666	.0740166	.5631035	130.5764	4.241708	3.104002
#2	6.051144	.0739502	.5639260	129.3779	4.236124	3.115320
#3	6.069166	.0744442	.5735614	129.7698	4.254873	3.114972

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.08485	F 2706.072	10.44860	80.38676	4.758338	^ *****
Stddev	.19972	4.761	.03167	.07821	.008619	-----
%RSD	.2624974	.1759204	.3030874	.0972966	.1811280	-----

#1	76.14862	2704.335	10.48487	80.46939	4.748523	^ -----
#2	75.86103	2711.457	10.42644	80.31388	4.761821	^ -----
#3	76.24490	2702.424	10.43449	80.37701	4.764670	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.13973	.8041652	31.40799	73.86399	^ *****	F 24.12766
Stddev	.08284	.0029025	.45587	.20604	-----	.05600
%RSD	.2292204	.3609313	1.451440	.2789499	-----	.2321167

#1	36.15322	.8015295	31.66498	73.63423	^ -----	24.13699
#2	36.21500	.8072759	30.88164	73.92539	^ -----	24.06758
#3	36.05097	.8036904	31.67733	74.03236	^ -----	24.17841

Sample Name: Q1643-03DUP Acquired: 3/26/2025 16:35:18 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	3.549147	8.455056	5.742051	9.000764	F 96.73793	1.154286
Stddev	.007410	.014300	.019679	.027524	.20647	.002009
%RSD	.2087786	.1691290	.3427119	.3057940	.2134372	.1740150
#1	3.540793	8.471309	5.719677	8.987397	96.82458	1.153981
#2	3.554925	8.444405	5.756672	9.032419	96.88697	1.156430
#3	3.551723	8.449455	5.749806	8.982477	96.50226	1.152447

Elem	Sr4077
Units	ppm
Avg	F -1.45855
Stddev	.00469
%RSD	.3214902
#1	-1.45548
#2	-1.46395
#3	-1.45624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.823	81214.70	18090.59	2108.332	3467.146
Stddev	11.316	160.65	74.26	5.183	9.311
%RSD	.3536311	.1978150	.4104908	.2458180	.2685387
#1	3200.077	81269.66	18031.05	2112.689	3476.242
#2	3211.009	81340.67	18173.80	2109.707	3467.563
#3	3188.382	81033.78	18066.92	2102.601	3457.634

Sample Name: Q1643-03LX5 Acquired: 3/26/2025 16:39:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	1.129133	.1380367	4.587765	-.174670	.1789748	41.80950
Stddev	.001851	.0018439	.017887	.002185	.0022393	.70357
%RSD	.1639173	1.335773	.3898937	1.250855	1.251187	1.682794

#1	1.128380	.1400709	4.573580	-.172636	.1791277	42.61998
#2	1.127778	.1364751	4.581856	-.176980	.1811338	41.45275
#3	1.131242	.1375641	4.607860	-.174394	.1766630	41.35578

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444437	.0184672	.0024124	34.79694	1.149910	.6330867
Stddev	.026251	.0003636	.0020389	.58890	.003872	.0023040
%RSD	1.817396	1.969180	84.52074	1.692401	.3367425	.3639322

#1	1.474657	.0188867	.0002757	35.47680	1.151644	.6311690
#2	1.431371	.0182414	.0026245	34.44455	1.145474	.6324486
#3	1.427282	.0182736	.0043370	34.46948	1.152612	.6356425

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.14121	F 923.8466	2.682872	21.10817	1.015581	-.004175
Stddev	.09746	4.4606	.047746	.27201	.002972	.000264
%RSD	.4838823	.4828323	1.779641	1.288660	.2926164	6.316341

#1	20.09198	928.9972	2.737999	21.42215	1.013709	-.004036
#2	20.07820	921.2968	2.654685	20.94390	1.014026	-.004011
#3	20.25347	921.2457	2.655932	20.95846	1.019008	-.004480

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.514098	.2021133	17.45779	16.43549	^ *****	6.185088
Stddev	.053661	.0011853	.11319	.12302	-----	.034739
%RSD	.7141382	.5864779	.6483467	.7484921	-----	.5616552

#1	7.564293	.2034617	17.47056	16.52005	^ -----	6.163116
#2	7.457539	.2012355	17.33876	16.29436	^ -----	6.167011
#3	7.520462	.2016427	17.56405	16.49206	^ -----	6.225138

Sample Name: Q1643-03LX5 Acquired: 3/26/2025 16:39:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7509826	2.119121	1.257524	1.703796	F 19.74435	.3809190
Stddev	.0037303	.037121	.020329	.014277	.09857	.0018159
%RSD	.4967210	1.751740	1.616611	.8379472	.4992216	.4767109
#1	.7471248	2.161842	1.234729	1.693093	19.63839	.3829805
#2	.7512522	2.100786	1.264069	1.698290	19.76133	.3802206
#3	.7545708	2.094734	1.273775	1.720007	19.83332	.3795561

Elem	Sr4077
Units	ppm
Avg	-.591234
Stddev	.000404
%RSD	.0682570
#1	-.591484
#2	-.590768
#3	-.591450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.706	75970.81	16403.63	2131.553	4561.392
Stddev	13.346	221.82	232.98	3.831	10.990
%RSD	.4098110	.2919767	1.420305	.1797452	.2409311
#1	3260.816	75795.55	16140.27	2132.637	4569.729
#2	3267.514	76220.20	16487.77	2134.726	4565.508
#3	3241.788	75896.67	16582.86	2127.296	4548.938

Sample Name: CCV07 Acquired: 3/26/2025 16:43:50 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153077	5.006062	4.894751	5.247136	5.182200	9.902606	9.479435
Stddev	.005555	.038922	.007042	.006503	.007254	.040572	.123552
%RSD	.1077934	.7774938	.1438615	.1239384	.1399698	.4097105	1.303364

#1	5.158094	4.987390	4.901829	5.254476	5.189642	9.927682	9.359034
#2	5.154029	4.979994	4.887746	5.244840	5.181807	9.855797	9.473358
#3	5.147107	5.050801	4.894676	5.242093	5.175151	9.924338	9.605913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2376381	2.457923	23.96298	1.017291	2.458916	1.282332	4.966382
Stddev	.0008742	.001800	.10867	.000440	.002134	.000486	.019387
%RSD	.3678612	.0732469	.4534777	.0432294	.0868024	.0379097	.3903644

#1	.2382112	2.456245	24.03124	1.016794	2.457165	1.282882	4.974562
#2	.2366320	2.459825	23.83767	1.017629	2.461294	1.282152	4.980338
#3	.2380713	2.457700	24.02002	1.017450	2.458289	1.281962	4.944245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.294538	23.66802	2.471401	1.269542	24.43930	2.423952	2.458083
Stddev	.013432	.09178	.001315	.001765	.11737	.010581	.004313
%RSD	.5854000	.3877959	.0532279	.1389936	.4802687	.4364986	.1754713

#1	2.308249	23.76238	2.471142	1.267765	24.43935	2.435399	2.453138
#2	2.281403	23.57905	2.472826	1.271293	24.55664	2.414531	2.461068
#3	2.293962	23.66261	2.470234	1.269568	24.32189	2.421925	2.460043

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.52275	4.741188	5.154142	4.943572	4.804111	5.214752	4.905588
Stddev	.12583	.022545	.001811	.011592	.024077	.025898	.017020
%RSD	.4930117	.4755058	.0351392	.2344910	.5011798	.4966201	.3469458

#1	25.43730	4.746734	5.156058	4.935053	4.823544	5.201424	4.890879
#2	25.66724	4.716388	5.152458	4.938891	4.777176	5.244600	4.901654
#3	25.46369	4.760442	5.153910	4.956773	4.811614	5.198234	4.924230

Sample Name: CCV07 Acquired: 3/26/2025 16:43:50 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	4.917449	4.739167	4.777124
Stddev	.006191	.016952	.039947
%RSD	.1258892	.3576977	.8362152
#1	4.920965	4.757655	4.806383
#2	4.910301	4.724355	4.731612
#3	4.921081	4.735490	4.793375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.674	73392.12	15280.27	2121.940	4871.378
Stddev	1.568	55.42	106.60	2.864	5.290
%RSD	.0477072	.0755188	.6976598	.1349762	.1086033
#1	3286.091	73363.16	15197.41	2120.192	4875.583
#2	3286.992	73357.17	15400.53	2120.383	4873.112
#3	3283.941	73456.03	15242.87	2125.246	4865.438

Sample Name: CCB07 Acquired: 3/26/2025 16:48:00 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0007892	-.000073	-.000238	.0001604	.0002465	.0030153	-.006884
Stddev	.0021141	.001374	.001397	.0012572	.0012083	.0030837	.000846
%RSD	267.8610	1889.612	586.7796	783.9436	490.1366	102.2686	12.28305

#1	.0001790	-.001575	.000861	-.000867	-.001143	.0005718	-.007604
#2	.0031413	.001119	-.001811	-.000214	.001047	.0019940	-.007094
#3	-.000953	.000238	.000235	.001562	.000836	.0064802	-.005953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001518	.0000334	-.004347	.0000975	.0000363	-.000244	-.006730
Stddev	.0000312	.0000668	.002677	.0002312	.0000477	.000228	.002415
%RSD	20.55470	200.1494	61.58733	237.1054	131.4884	93.45969	35.88885

#1	.0001331	-.000023	-.004744	.0000426	.0000856	-.000256	-.007954
#2	.0001878	.000107	-.006804	.0003513	-.000010	-.000010	-.003948
#3	.0001345	.000015	-.001494	-.000101	.000033	-.000466	-.008289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000309	.0112140	.0001312	.0009697	.0324256	.0005596	-.001004
Stddev	.0002161	.0062386	.0001909	.0004092	.0105049	.0004267	.000229
%RSD	698.6375	55.63201	145.4734	42.20098	32.39700	76.26259	22.79386

#1	-.000206	.0064264	.0003515	.0014206	.0237279	.0004329	-.000793
#2	.000218	.0089463	.0000136	.0006220	.0440967	.0002105	-.000973
#3	.000081	.0182692	.0000286	.0008664	.0294521	.0010353	-.001247

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3055484	.0010666	.0007244	.0025078	.0008720	.0074339	-.004911
Stddev	.0521306	.0001613	.0000912	.0005606	.0008258	.0013878	.001188
%RSD	17.06133	15.12505	12.58980	22.35229	94.69487	18.66836	24.20066

#1	.2513090	.0008806	.0008052	.0019255	-.000078	.0061819	-.004333
#2	.3100592	.0011683	.0006255	.0025542	.001414	.0089261	-.004122
#3	.3552771	.0011511	.0007426	.0030437	.001281	.0071936	-.006278

Sample Name: CCB07 Acquired: 3/26/2025 16:48:00 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0027177	-.004705	.0000857
Stddev	.0022065	.000600	.0000811
%RSD	81.18798	12.75007	94.60806
#1	.0050174	-.004074	.0001603
#2	.0006182	-.004772	.0000973
#3	.0025175	-.005268	-.000001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.255	76476.66	15753.26	2243.149	5524.167
Stddev	2.632	209.63	423.14	8.896	4.343
%RSD	.0761440	.2741075	2.686071	.3965846	.0786094
#1	3453.252	76251.71	16237.69	2235.047	5519.406
#2	3457.353	76511.72	15566.24	2241.731	5525.184
#3	3458.160	76666.54	15455.86	2252.669	5527.911

Sample Name: PB167318BL Acquired: 3/26/2025 16:52:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000944	-.000915	-.000727	-.002498	-.000827	.0007001	-.006418
Stddev	.001369	.001801	.000808	.002460	.001497	.0036991	.000199
%RSD	144.9749	196.7788	111.0338	98.47884	181.0330	528.3324	3.095646

#1	-.002131	-.002821	-.001660	-.004514	-.002529	-.003450	-.006548
#2	-.001254	-.000685	-.000280	-.003222	.000283	.003650	-.006518
#3	.000553	.000760	-.000243	.000243	-.000235	.001901	-.006190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000882	-.000039	-.001454	.0001111	-.000141	-.000790	-.011206
Stddev	.0000303	.000050	.003970	.0002031	.000115	.000517	.002642
%RSD	34.36979	127.5047	273.0272	182.8558	81.16846	65.50744	23.58000

#1	.0000835	-.000022	.002056	.0000027	-.000009	-.000918	-.008194
#2	.0000605	-.000096	-.005762	.0003454	-.000202	-.001230	-.012291
#3	.0001206	-.000000	-.000656	-.000015	-.000214	-.000220	-.013133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000390	.0131030	.0000640	.0007495	.0059954	.0000192	-.001095
Stddev	.0001603	.0055354	.0001688	.0002200	.0103735	.0014753	.000245
%RSD	410.8725	42.24519	263.9435	29.35498	173.0243	7702.676	22.37143

#1	-.000032	.0067903	.0000163	.0008184	.0079671	.0016999	-.000889
#2	.000223	.0171269	-.000076	.0005033	-.005222	-.000581	-.001031
#3	-.000073	.0153918	.000252	.0009268	.015242	-.001062	-.001366

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2762254	-.001928	.0001724	.0022187	.0005140	-.002567	-.003311
Stddev	.0325994	.001011	.0001316	.0003932	.0004394	.004369	.002684
%RSD	11.80174	52.45622	76.31070	17.72257	85.50148	170.2436	81.07032

#1	.2521182	-.001682	.0002592	.0017922	.0010117	-.006112	-.005245
#2	.2632419	-.003040	.0000210	.0025668	.0003506	.002315	-.000246
#3	.3133160	-.001062	.0002370	.0022973	.0001796	-.003902	-.004442

Sample Name: PB167318BL Acquired: 3/26/2025 16:52:20 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0011962	-.004436	.0000417
Stddev	.0022412	.001507	.0000159
%RSD	187.3629	33.96205	38.14363

#1	-.001369	-.004474	.0000356
#2	.002183	-.005923	.0000598
#3	.002775	-.002911	.0000298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.110	77275.90	15466.52	2283.287	5533.380
Stddev	4.327	587.28	62.55	22.504	11.575
%RSD	.1248059	.7599795	.4044119	.9856179	.2091933

#1	3464.237	76598.12	15397.08	2258.841	5522.060
#2	3472.087	77633.78	15484.05	2287.878	5545.195
#3	3465.007	77595.79	15518.43	2303.142	5532.885

Sample Name: PB167318BS Acquired: 3/26/2025 16:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.7570011	1.894624	.8909479	1.944984	.7927360	1.881823
Stddev	.0104577	.028941	.0063043	.019972	.0035789	.006079
%RSD	1.381460	1.527553	.7075951	1.026869	.4514592	.3230242
#1	.7475211	1.883008	.8892932	1.934800	.7914284	1.879936
#2	.7552634	1.873294	.8856359	1.932155	.7899948	1.888621
#3	.7682188	1.927568	.8979145	1.967995	.7967848	1.876911
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1654900	.1861285	.1794444	.9033031	.3838855	.1825988
Stddev	.0013845	.0009389	.0010374	.0036779	.0008181	.0007837
%RSD	.8366273	.5044163	.5781357	.4071620	.2131154	.4291925
#1	.1651368	.1850476	.1789689	.9035853	.3829885	.1823879
#2	.1670169	.1865968	.1787300	.9068317	.3845907	.1819422
#3	.1643162	.1867412	.1806344	.8994921	.3840773	.1834664
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2991117	2.675744	.1774463	1.788439	.4609790	.0728349
Stddev	.0031704	.017481	.0006842	.006438	.0028043	.0003118
%RSD	1.059938	.6533077	.3855689	.3599522	.6083386	.4281509
#1	.2977708	2.691406	.1780160	1.791670	.4601307	.0724993
#2	.2968320	2.678939	.1776355	1.781026	.4586967	.0731157
#3	.3027322	2.656886	.1766874	1.792621	.4641095	.0728897
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.503135	.2717278	.1892759	9.074295	.2697630	.3980013
Stddev	.022788	.0003333	.0008571	.033408	.0024086	.0036627
%RSD	.9103610	.1226702	.4528065	.3681565	.8928729	.9202723
#1	2.526869	.2716157	.1893600	9.093554	.2673165	.3960020
#2	2.501108	.2714649	.1900878	9.093611	.2698407	.3957733
#3	2.481429	.2721027	.1883799	9.035719	.2721319	.4022285

Sample Name: PB167318BS Acquired: 3/26/2025 16:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.6483060	.1811776	F .7261850	5.309369	F -.005809	.1818865
Stddev	.0044406	.0003255	.0039528	.031487	.002830	.0022846
%RSD	.6849476	.1796789	.5443193	.5930469	48.70963	1.256075
#1	.6477808	.1811807	.7306949	5.295604	-.004948	.1844532
#2	.6441513	.1808506	.7245382	5.287109	-.008969	.1800755
#3	.6529857	.1815016	.7233219	5.345395	-.003510	.1811306

Elem	Sr4077
Units	ppm
Avg	.1748035
Stddev	.0006673
%RSD	.3817655
#1	.1754192
#2	.1748970
#3	.1740944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.630	76410.19	15081.20	2234.479	5321.325
Stddev	24.486	88.96	53.86	3.156	28.393
%RSD	.7204708	.1164270	.3571180	.1412568	.5335612
#1	3407.035	76398.46	15141.96	2233.093	5332.405
#2	3417.807	76327.67	15039.32	2232.252	5342.506
#3	3371.048	76504.43	15062.33	2238.091	5289.063

Sample Name: Q1643-03MS Acquired: 3/26/2025 17:00:43 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.652080	1.867619	23.83582	.2108250	.9611767	192.6792
Stddev	.020499	.009122	.06443	.0088584	.0052168	2.7439
%RSD	.3626819	.4884033	.2703074	4.201797	.5427508	1.424070

#1	5.650325	1.876048	23.76880	.2059663	.9560319	189.8072
#2	5.632515	1.868873	23.84135	.2210496	.9610355	192.9564
#3	5.673401	1.857935	23.89730	.2054591	.9664627	195.2739

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.733786	.1877064	.8206029	137.7973	F 4.695694	3.475675
Stddev	.109711	.0019546	.0086343	2.4162	.032245	.011481
%RSD	1.629264	1.041324	1.052194	1.753437	.6866961	.3303348

#1	6.607105	.1855342	.8219422	135.0714	4.701694	3.463164
#2	6.796483	.1882618	.8113771	138.6454	4.724517	3.478133
#3	6.797771	.1893233	.8284893	139.6751	4.660870	3.485729

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.00086	F 2735.131	10.56303	84.42974	5.446806	^ *****
Stddev	.28188	27.283	.16317	1.29870	.015227	-----
%RSD	.3568004	.9975045	1.544735	1.538203	.2795527	-----

#1	78.78240	2714.232	10.38181	82.95937	5.431790	^ -----
#2	78.90115	2765.996	10.60899	84.90970	5.446393	^ -----
#3	79.31904	2725.165	10.69829	85.42014	5.462235	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.22852	1.017940	30.68951	87.94047	^ *****	F 26.10455
Stddev	.27836	.013187	.39339	.60364	-----	.07975
%RSD	.6751652	1.295424	1.281846	.6864220	-----	.3055162

#1	41.14330	1.002762	31.01025	87.73955	^ -----	26.06091
#2	41.53953	1.024478	30.80770	88.61894	^ -----	26.05615
#3	41.00274	1.026580	30.25057	87.46290	^ -----	26.19661

Sample Name: Q1643-03MS Acquired: 3/26/2025 17:00:43 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.092462	F 10.27592	3.150688	F 14.88280	F 97.53026	1.321132
Stddev	.012241	.14997	.026631	.06490	.25164	.013093
%RSD	.2991018	1.459461	.8452359	.4360434	.2580145	.9910640
#1	4.079106	10.10874	3.150174	14.81601	97.29021	1.309533
#2	4.103146	10.32040	3.177572	14.88677	97.50850	1.335330
#3	4.095133	10.39862	3.124318	14.94562	97.79208	1.318532

Elem	Sr4077
Units	ppm
Avg	F -1.28706
Stddev	.02764
%RSD	2.147746
#1	-1.27262
#2	-1.31894
#3	-1.26963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.455	82623.40	18822.77	2096.260	3377.786
Stddev	9.860	565.79	224.12	30.460	8.934
%RSD	.3116898	.6847877	1.190706	1.453043	.2645050
#1	3169.835	82572.33	19071.67	2087.304	3386.718
#2	3168.433	82084.88	18759.71	2071.284	3377.790
#3	3152.099	83213.01	18636.93	2130.194	3368.849

Sample Name: Q1643-03MSD Acquired: 3/26/2025 17:05:17 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.513016	1.873814	23.83461	.1994105	.9410226	191.9561
Stddev	.014882	.005873	.00290	.0159597	.0030073	.3470
%RSD	.2699438	.3134354	.0121797	8.003436	.3195753	.1807895

#1	5.496578	1.867033	23.83126	.2170992	.9423795	192.3118
#2	5.516898	1.877266	23.83614	.1950434	.9431122	191.9380
#3	5.525573	1.877144	23.83642	.1860890	.9375759	191.6185

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.948204	.1888457	.7876880	138.8560	F 4.712101	3.459879
Stddev	.084111	.0003267	.0005837	.0458	.015959	.005099
%RSD	1.210542	.1729694	.0740988	.0330004	.3386894	.1473789

#1	6.970598	.1889249	.7877886	138.9076	4.693698	3.458428
#2	6.855163	.1884867	.7870606	138.8404	4.720471	3.455662
#3	7.018852	.1891255	.7882149	138.8200	4.722135	3.465546

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.05519	F 2785.793	10.73396	84.62556	5.418825	^ *****
Stddev	.07905	9.605	.00723	.03256	.004075	-----
%RSD	.1012706	.3447753	.0673644	.0384765	.0751974	-----

#1	77.96462	2775.267	10.73966	84.59221	5.419960	^ -----
#2	78.09072	2788.030	10.72582	84.65727	5.414303	^ -----
#3	78.11024	2794.082	10.73639	84.62720	5.422212	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.17731	1.026363	30.76988	88.80589	^ *****	F 25.84012
Stddev	.21648	.001145	.20575	.50410	-----	.03169
%RSD	.5132647	.1115258	.6686784	.5676378	-----	.1226219

#1	41.92961	1.025693	30.90516	88.22514	^ -----	25.80410
#2	42.27206	1.025710	30.53310	89.13040	^ -----	25.85253
#3	42.33027	1.027684	30.87138	89.06212	^ -----	25.86371

Sample Name: Q1643-03MSD Acquired: 3/26/2025 17:05:17 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.054614	F 10.38864	5.329681	F 14.74599	F 96.37506	1.340905
Stddev	.009139	.00599	.017903	.04292	.10205	.003630
%RSD	.2253933	.0576510	.3359115	.2910574	.1058843	.2707235
#1	4.047111	10.39442	5.309278	14.72004	96.27075	1.337122
#2	4.051939	10.38246	5.337001	14.72241	96.37975	1.341234
#3	4.064792	10.38905	5.342765	14.79553	96.47468	1.344359

Elem	Sr4077
Units	ppm
Avg	F -1.31906
Stddev	.01628
%RSD	1.234537
#1	-1.30763
#2	-1.31186
#3	-1.33771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.800	82672.98	18806.04	2141.548	3418.450
Stddev	1.064	249.96	33.11	14.515	3.131
%RSD	.0330717	.3023519	.1760469	.6777615	.0915938
#1	3217.197	82959.85	18768.06	2157.286	3414.897
#2	3217.176	82501.96	18828.76	2128.688	3420.806
#3	3219.029	82557.12	18821.30	2138.670	3419.648

Sample Name: Q1643-03A Acquired: 3/26/2025 17:09:51 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	5.513197	1.870746	23.78668	.1921339	.9310642	192.4615
Stddev	.008539	.017441	.03383	.0129630	.0020536	1.4285
%RSD	.1548900	.9322857	.1422201	6.746855	.2205670	.7422098

#1	5.503689	1.888002	23.80180	.2036418	.9297118	191.0995
#2	5.520213	1.871110	23.74793	.1946693	.9334273	193.9483
#3	5.515689	1.853126	23.81032	.1780905	.9300536	192.3368

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.824429	.1899340	.7788843	139.2578	F 4.717421	3.468427
Stddev	.017879	.0013166	.0028390	.2129	.012870	.007433
%RSD	.2619835	.6931647	.3644980	.1528466	.2728130	.2143005

#1	6.844869	.1908945	.7757777	139.3162	4.726081	3.463186
#2	6.816728	.1904743	.7795309	139.4354	4.723550	3.465163
#3	6.811692	.1884333	.7813442	139.0219	4.702632	3.476934

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.45688	F 2794.095	10.75253	84.99656	5.439589	^ *****
Stddev	.16876	.378	.01908	.23203	.010544	-----
%RSD	.2151027	.0135228	.1774008	.2729861	.1938340	-----

#1	78.29472	2794.528	10.76074	85.04636	5.434143	^ -----
#2	78.44436	2793.833	10.76613	85.19964	5.432882	^ -----
#3	78.63155	2793.924	10.73072	84.74367	5.451742	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.07913	1.021526	30.95354	87.97476	^ *****	F 25.40384
Stddev	.13403	.001662	.28207	.16669	-----	.01277
%RSD	.3185260	.1626831	.9112532	.1894722	-----	.0502849

#1	42.19577	1.021178	30.65253	87.92127	^ -----	25.38910
#2	41.93271	1.023334	30.99631	87.84139	^ -----	25.41180
#3	42.10892	1.020065	31.21178	88.16163	^ -----	25.41061

Sample Name: Q1643-03A Acquired: 3/26/2025 17:09:51 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.076001	F 10.34518	6.191048	F 14.95732	F 97.63460	1.343777
Stddev	.003685	.01219	.025010	.00816	.11966	.001836
%RSD	.0904087	.1178759	.4039722	.0545664	.1225603	.1365983
#1	4.079929	10.34941	6.202976	14.95486	97.77234	1.345647
#2	4.072620	10.35469	6.207861	14.96644	97.57529	1.341977
#3	4.075454	10.33143	6.162307	14.95068	97.55618	1.343707

Elem	Sr4077
Units	ppm
Avg	F -1.32822
Stddev	.00063
%RSD	.0473109
#1	-1.32892
#2	-1.32805
#3	-1.32770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.726	82251.70	18669.97	2144.837	3414.647
Stddev	6.919	215.84	64.16	7.536	7.472
%RSD	.2148811	.2624092	.3436517	.3513594	.2188275
#1	3227.136	82356.44	18708.29	2153.534	3421.223
#2	3218.607	82003.48	18595.90	2140.747	3416.196
#3	3213.435	82395.19	18705.72	2140.230	3406.521

Sample Name: Q1644-02 Acquired: 3/26/2025 17:14:27 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0035979	.0138571	.0430385	-.005380	1.737285	7.927139	.2936919
Stddev	.0033692	.0007816	.0013554	.002280	.006973	.011076	.0010462
%RSD	93.64238	5.640183	3.149240	42.37739	.4013987	.1397240	.3562219

#1	.0072146	.0142582	.0421509	-.003613	1.735685	7.939786	.2941464
#2	.0005480	.0129564	.0423660	-.007954	1.731251	7.919166	.2944339
#3	.0030313	.0143567	.0445986	-.004574	1.744920	7.922465	.2924953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007947	-.000254	10.92295	.1249169	.0151445	.2098338	32.35034
Stddev	.0000150	.000081	.02339	.0004466	.0001657	.0011135	.11677
%RSD	1.892403	31.81902	.2141443	.3575312	1.094093	.5306687	.3609506

#1	.0008121	-.000343	10.94995	.1248492	.0149740	.2097290	32.47944
#2	.0007870	-.000232	10.91029	.1253935	.0153049	.2087764	32.31947
#3	.0007851	-.000186	10.90863	.1245079	.0151545	.2109961	32.25210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3507299	4.432862	.1027591	.0096599	9.646902	.0359323	6.099874
Stddev	.0016333	.023443	.0001763	.0002399	.029799	.0010011	.023474
%RSD	.4656750	.5288485	.1715409	2.483774	.3088968	2.786096	.3848223

#1	.3520141	4.443892	.1026161	.0094617	9.674009	.0364610	6.117316
#2	.3512840	4.405939	.1027051	.0099267	9.651704	.0365582	6.073185
#3	.3488917	4.448756	.1029561	.0095914	9.614994	.0347777	6.109120

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.750958	.0028190	1.684295	.0498229	.6658737	1.636647	.7339948
Stddev	.025233	.0006866	.004977	.0004444	.0026575	.018072	.0036407
%RSD	.6727031	24.35705	.2954917	.8919251	.3991007	1.104213	.4960096

#1	3.723142	.0036117	1.684501	.0502798	.6641259	1.619602	.7375444
#2	3.772374	.0024083	1.679218	.0493922	.6689319	1.655596	.7302694
#3	3.757359	.0024371	1.689165	.0497968	.6645633	1.634744	.7341708

Sample Name: Q1644-02 Acquired: 3/26/2025 17:14:27 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	3.512573	.1180972	.0515824
Stddev	.012154	.0013763	.0001216
%RSD	.3460023	1.165435	.2357414
#1	3.525832	.1196555	.0515187
#2	3.501961	.1170475	.0517227
#3	3.509926	.1175887	.0515059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3412.802	78971.40	15885.43	2253.434	5247.586
Stddev	12.296	172.61	16.70	11.394	12.900
%RSD	.3603016	.2185775	.1051328	.5056317	.2458315
#1	3417.273	78798.76	15887.04	2260.879	5252.820
#2	3422.237	79143.98	15901.27	2259.105	5257.047
#3	3398.895	78971.45	15867.98	2240.317	5232.892

Sample Name: Q1645-01 Acquired: 3/26/2025 17:18:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0414534	.0085426	.1340843	-.032585	-.007201	81.42294	.8849729
Stddev	.0013429	.0002734	.0012397	.002235	.001381	.03065	.0031897
%RSD	3.239487	3.200359	.9245764	6.859660	19.17601	.0376372	.3604338
#1	.0429077	.0085403	.1338360	-.035041	-.005614	81.45670	.8813192
#2	.0411923	.0088172	.1329875	-.032041	-.008125	81.41525	.8863971
#3	.0402603	.0082704	.1354293	-.030671	-.007865	81.39688	.8872025
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090973	-.004790	18.84565	.1663094	.1000682	.6508921	204.7814
Stddev	.0001023	.000154	.02576	.0004225	.0004883	.0009408	.3750
%RSD	1.124463	3.222571	.1366994	.2540610	.4879988	.1445397	.1831378
#1	.0090356	-.004612	18.81785	.1665864	.0996807	.6510495	204.5783
#2	.0090409	-.004884	18.85040	.1658231	.0999070	.6498826	204.5518
#3	.0092154	-.004875	18.86871	.1665187	.1006167	.6517443	205.2142
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.906916	27.64445	.1951252	.0006372	4.081053	.2145502	.5338001
Stddev	.007715	.12177	.0001270	.0000438	.020582	.0008841	.0023515
%RSD	.1306060	.4404813	.0650761	6.867847	.5043220	.4120670	.4405197
#1	5.899483	27.59261	.1952287	.0006278	4.083305	.2136589	.5358811
#2	5.906380	27.55718	.1951635	.0006849	4.100417	.2145647	.5342702
#3	5.914885	27.78356	.1949835	.0005990	4.059438	.2154269	.5312491
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.393706	-.144896	.0016782	-.002213	2.125253	3.574013	7.281430
Stddev	.028420	.002671	.0003333	.000273	.008123	.017467	.029836
%RSD	.3025423	1.843721	19.86374	12.35460	.3821986	.4887180	.4097603
#1	9.362386	-.145130	.0018745	-.001903	2.124354	3.555394	7.276742
#2	9.417850	-.147442	.0012933	-.002420	2.117617	3.576607	7.254215
#3	9.400881	-.142115	.0018667	-.002316	2.133788	3.590038	7.313333

Sample Name: Q1645-01 Acquired: 3/26/2025 17:18:35 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.1823171	.1931092	-.068632
Stddev	.0005027	.0008394	.000227
%RSD	.2757155	.4346532	.3304590
#1	.1828307	.1936615	-.068674
#2	.1822946	.1921433	-.068387
#3	.1818261	.1935229	-.068834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.255	85174.18	18442.41	2444.800	4895.581
Stddev	5.930	96.32	28.04	4.523	10.012
%RSD	.1558722	.1130917	.1520299	.1849981	.2045087
#1	3805.926	85216.16	18451.28	2444.118	4896.878
#2	3809.169	85242.39	18464.95	2440.656	4904.882
#3	3797.668	85063.99	18411.01	2449.624	4884.984

Sample Name: Q1645-05 Acquired: 3/26/2025 17:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0338331	.0018896	.0567476	-.011899	-.003282	43.47757	.0692591
Stddev	.0033451	.0010729	.0004941	.000998	.001439	.06605	.0006751
%RSD	9.887035	56.78100	.8707606	8.388296	43.84513	.1519261	.9747441

#1	.0372373	.0012506	.0570506	-.012910	-.004175	43.54161	.0700345
#2	.0337115	.0012898	.0570148	-.011874	-.001622	43.48142	.0689413
#3	.0305504	.0031283	.0561774	-.010914	-.004048	43.40967	.0688016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013434	-.004344	3.226265	.0870249	.0039940	.0475786	77.01484
Stddev	.0000779	.000137	.005222	.0003092	.0000829	.0002435	.24513
%RSD	5.800694	3.153005	.1618457	.3552644	2.075594	.5118265	.3182951

#1	.0014099	-.004428	3.220686	.0871316	.0039004	.0475661	76.87968
#2	.0012576	-.004417	3.227072	.0872667	.0040579	.0473416	77.29780
#3	.0013627	-.004186	3.231035	.0866766	.0040239	.0478281	76.86704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744770	.9247037	.0203895	.0007712	1.964001	.1380340	.0534856
Stddev	.0004388	.0074288	.0001849	.0000675	.014521	.0026981	.0002008
%RSD	.5892172	.8033719	.9067960	8.748299	.7393601	1.954686	.3754600

#1	.0748395	.9300120	.0205041	.0006933	1.971338	.1365311	.0534724
#2	.0739891	.9162140	.0204882	.0008096	1.947275	.1411490	.0532917
#3	.0746025	.9278851	.0201762	.0008107	1.973389	.1364221	.0536927

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.292884	-.070287	.0037562	-.002003	.7111509	5.193290	.5383625
Stddev	.017793	.001210	.0000908	.000986	.0140321	.047940	.0049451
%RSD	1.376196	1.721890	2.417168	49.23676	1.973148	.9231167	.9185374

#1	1.278762	-.070221	.0038250	-.003102	.7273382	5.183324	.5338870
#2	1.312868	-.069110	.0037903	-.001710	.7036713	5.245430	.5375292
#3	1.287023	-.071528	.0036533	-.001196	.7024431	5.151117	.5436713

Sample Name: Q1645-05 Acquired: 3/26/2025 17:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.2886998	.0293188	-.039460
Stddev	.0025146	.0017047	.000286
%RSD	.8710159	5.814338	.7259828
#1	.2894096	.0312562	-.039398
#2	.2859066	.0280488	-.039772
#3	.2907832	.0286513	-.039210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.904	77179.74	16342.94	2223.084	5250.548
Stddev	5.980	222.13	22.00	1.652	9.622
%RSD	.1728758	.2878065	.1345992	.0743047	.1832578
#1	3459.820	77198.93	16330.08	2221.331	5257.572
#2	3464.372	76948.64	16330.40	2223.309	5254.490
#3	3452.519	77391.65	16368.34	2224.612	5239.580

Sample Name: Q1643-03DLX20 Acquired: 3/26/2025 17:26:55 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.2810334	.0372970	1.190480	-.041117	.0427622	10.76612	.3621475
Stddev	.0026705	.0008185	.001508	.003702	.0002036	.01431	.0011449
%RSD	.9502526	2.194649	.1266689	9.003029	.4760389	.1329384	.3161277
#1	.2802659	.0382210	1.188812	-.039470	.0425274	10.75569	.3634328
#2	.2788306	.0366627	1.190880	-.038524	.0428896	10.78244	.3612371
#3	.2840036	.0370074	1.191747	-.045356	.0428695	10.76024	.3617725
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050653	-.006864	10.31254	.3092613	.1605398	5.332300	252.5706
Stddev	.0000881	.001196	.01782	.0056486	.0007383	.019165	5.4764
%RSD	1.738453	17.42399	.1728093	1.826485	.4599067	.3594064	2.168282
#1	.0051572	-.008243	10.32333	.3156814	.1600650	5.318913	258.8232
#2	.0049817	-.006112	10.32231	.3050544	.1601638	5.323733	248.6256
#3	.0050571	-.006237	10.29197	.3070482	.1613904	5.354254	250.2629
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7213115	5.629581	.2617194	.0006986	1.866837	.0524068	5.337305
Stddev	.0025226	.033433	.0012978	.0003141	.038915	.0005026	.119668
%RSD	.3497244	.5938754	.4958580	44.95285	2.084535	.9589373	2.242097
#1	.7241638	5.651149	.2608743	.0007880	1.911697	.0523412	5.465553
#2	.7203970	5.646526	.2610703	.0009584	1.846643	.0529390	5.228632
#3	.7193737	5.591069	.2632136	.0003496	1.842169	.0519404	5.317731
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.175697	-.218922	1.606634	.1867500	.5849075	1.320066	.4303046
Stddev	.072415	.014666	.006355	.0017366	.0014406	.034743	.0014922
%RSD	1.734200	6.699220	.3955611	.9298958	.2462962	2.631929	.3467767
#1	4.247806	-.202299	1.603181	.1851191	.5865190	1.359924	.4307110
#2	4.102980	-.230036	1.602752	.1885758	.5844592	1.296188	.4286513
#3	4.176305	-.224430	1.613968	.1865551	.5837444	1.304087	.4315515

Sample Name: Q1643-03DLX20 Acquired: 3/26/2025 17:26:55 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.719698	.1014574	-.164410
Stddev	.014376	.0021781	.004535
%RSD	.3046033	2.146820	2.758374

#1	4.710806	.1039725	-.169584
#2	4.712004	.1002007	-.161126
#3	4.736284	.1001990	-.162519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.699	75717.07	15693.65	2199.098	5059.457
Stddev	2.878	1227.11	31.42	37.825	11.487
%RSD	.0849812	1.620651	.2002278	1.720011	.2270393

#1	3388.948	74318.46	15724.50	2157.295	5069.586
#2	3387.692	76613.12	15661.68	2230.959	5061.809
#3	3383.455	76219.63	15694.77	2209.039	5046.976

Sample Name: Q1643-03DUPDLX20 Acquired: 3/26/2025 17:30:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.2821510	.0350554	1.195396	-.044451	.0432741	10.85604	.3555841
Stddev	.0006126	.0018677	.003266	.002118	.0019269	.10645	.0031591
%RSD	.2171370	5.327900	.2732534	4.764231	4.452830	.9805588	.8884334

#1	.2820907	.0365586	1.197804	-.045966	.0410555	10.93463	.3577520
#2	.2815708	.0329645	1.196706	-.045356	.0442369	10.89860	.3570409
#3	.2827916	.0356432	1.191678	-.042031	.0445299	10.73489	.3519594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052121	-.004094	10.24633	.3076421	.1615461	5.365953	240.2260
Stddev	.0000888	.000104	.08216	.0012848	.0002547	.017444	.4156
%RSD	1.704472	2.534470	.8018713	.4176269	.1576456	.3250828	.1730214

#1	.0051998	-.004204	10.31772	.3090614	.1612644	5.348588	239.7506
#2	.0053064	-.004080	10.26475	.3065585	.1617601	5.365798	240.5208
#3	.0051300	-.003997	10.15652	.3073064	.1616138	5.383474	240.4065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7264768	5.690207	.2631011	-.001229	1.761869	.0532211	5.285464
Stddev	.0062120	.067008	.0009138	.000158	.031329	.0021726	.017672
%RSD	.8550799	1.177608	.3473049	12.85292	1.778178	4.082258	.3343422

#1	.7323543	5.759117	.2632602	-.001410	1.726952	.0536058	5.265193
#2	.7270988	5.686224	.2621183	-.001125	1.771136	.0551757	5.293570
#3	.7199772	5.625279	.2639249	-.001150	1.787519	.0508818	5.297627

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.016065	-.291166	1.622214	.1903944	.5846601	1.217853	.4334087
Stddev	.075300	.011834	.005188	.0004937	.0052460	.004742	.0031439
%RSD	1.874962	4.064232	.3198334	.2592928	.8972750	.3893625	.7253909

#1	3.932197	-.301786	1.616958	.1899079	.5895992	1.221329	.4307014
#2	4.038132	-.293302	1.622351	.1903804	.5852277	1.219778	.4368569
#3	4.077865	-.278410	1.627332	.1908950	.5791533	1.212451	.4326679

Sample Name: Q1643-03DUPDLX20 Acquired: 3/26/2025 17:30:59 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.732317	.0944439	-.153961
Stddev	.014139	.0013774	.000868
%RSD	.2987648	1.458418	.5640611

#1	4.718820	.0930624	-.153168
#2	4.731112	.0944520	-.153827
#3	4.747019	.0958171	-.154889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.356	77931.85	15193.15	2255.213	5090.801
Stddev	6.644	24.30	178.31	8.990	2.750
%RSD	.1952126	.0311759	1.173607	.3986244	.0540255

#1	3406.695	77959.09	15018.45	2255.028	5090.770
#2	3407.668	77912.42	15186.14	2264.293	5093.566
#3	3395.705	77924.02	15374.86	2246.317	5088.066

Sample Name: CCV08 Acquired: 3/26/2025 17:35:04 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.137814	5.039412	4.862967	5.213436	5.156472	9.807026	9.447736
Stddev	.028009	.046627	.009270	.027883	.018973	.028966	.044305
%RSD	.5451528	.9252405	.1906256	.5348301	.3679433	.2953634	.4689463

#1	5.124444	5.013033	4.861044	5.188754	5.149311	9.773741	9.397427
#2	5.118995	5.093248	4.854809	5.207872	5.142121	9.826518	9.464850
#3	5.170002	5.011955	4.873048	5.243681	5.177983	9.820820	9.480931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2381016	2.452943	23.99072	1.024552	2.447254	1.275034	4.875800
Stddev	.0012566	.004622	.06831	.005355	.005553	.004661	.015447
%RSD	.5277539	.1884331	.2847216	.5226899	.2268958	.3655809	.3168070

#1	.2367349	2.448619	23.91380	1.020850	2.443092	1.272863	4.862601
#2	.2383631	2.452395	24.04430	1.030693	2.445111	1.271855	4.892789
#3	.2392069	2.457815	24.01405	1.022113	2.453559	1.280385	4.872010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.266827	23.73891	2.459602	1.263393	24.06260	2.406688	2.388095
Stddev	.005458	.10671	.003843	.002162	.05192	.010736	.010552
%RSD	.2407914	.4495228	.1562300	.1711079	.2157753	.4461058	.4418396

#1	2.261140	23.62198	2.458297	1.263018	24.12222	2.395436	2.377766
#2	2.272024	23.83104	2.456581	1.265718	24.02738	2.407806	2.387663
#3	2.267318	23.76371	2.463927	1.261443	24.03819	2.416821	2.398855

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.25241	4.699783	5.159989	4.943002	4.753953	5.174071	4.924884
Stddev	.05139	.020072	.018289	.008192	.010093	.024105	.029335
%RSD	.2035021	.4270734	.3544363	.1657378	.2123090	.4658879	.5956403

#1	25.19313	4.684044	5.149179	4.935441	4.742338	5.148544	4.891608
#2	25.27978	4.692919	5.149683	4.941860	4.758929	5.196445	4.947005
#3	25.28432	4.722386	5.181105	4.951706	4.760593	5.177223	4.936038

Sample Name: CCV08 Acquired: 3/26/2025 17:35:04 Type: Unk
 Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.867674	4.656178	4.732047
Stddev	.025921	.006141	.061529
%RSD	.5325092	.1318926	1.300268
#1	4.839041	4.657142	4.663379
#2	4.874443	4.649612	4.782172
#3	4.889539	4.661781	4.750590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.963	73247.50	15223.35	2119.887	4895.706
Stddev	8.473	388.51	54.82	9.960	5.254
%RSD	.2572999	.5304121	.3601181	.4698365	.1073164
#1	3293.623	73425.39	15277.57	2122.177	4901.520
#2	3301.086	72801.89	15167.95	2108.982	4894.302
#3	3284.179	73515.22	15224.54	2128.503	4891.297

Sample Name: CCB08 Acquired: 3/26/2025 17:39:14 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	-.000241	-.000208	.0001873	-.001473	-.000848	.0051418	-.007284
Stddev	.001307	.000847	.0005106	.002285	.001344	.0012241	.000585
%RSD	541.5556	407.2031	272.7019	155.0884	158.4875	23.80674	8.034093

#1	-.001742	.000578	-.000402	-.001504	-.000386	.0050438	-.007607
#2	.000369	-.000097	.000485	.000827	-.002362	.0039697	-.007637
#3	.000649	-.001104	.000479	-.003743	.000204	.0064119	-.006608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001201	.0000540	-.004993	.0002158	.0001286	-.000190	-.005312
Stddev	.0000488	.0000210	.005868	.0005029	.0002054	.000297	.003037
%RSD	40.60436	38.86422	117.5386	233.0320	159.7489	156.2584	57.17371

#1	.0000838	.0000354	-.010333	.0003670	.0002014	-.000402	-.002916
#2	.0001755	.0000500	-.005935	-.000345	.0002877	.000149	-.008728
#3	.0001010	.0000768	.001290	.000626	-.000103	-.000317	-.004294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000732	.0099820	.0002424	.0008057	.0119400	.0001891	-.001183
Stddev	.0001126	.0059777	.0001686	.0001291	.0148301	.0010397	.000176
%RSD	153.9683	59.88451	69.56261	16.01973	124.2049	549.6997	14.85543

#1	.0000397	.0164057	.0000539	.0008038	-.002828	-.001007	-.001078
#2	.0001987	.0089573	.0003789	.0006776	.026831	.000879	-.001085
#3	-.000019	.0045829	.0002946	.0009357	.011817	.000695	-.001386

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3026728	.0012037	.0006422	.0016011	.0013840	.0123151	-.003056
Stddev	.0071440	.0000625	.0001499	.0002100	.0004677	.0001094	.000480
%RSD	2.360295	5.192933	23.33951	13.11747	33.79093	.8883621	15.70231

#1	.3003910	.0012248	.0008053	.0014704	.0019181	.0121889	-.003081
#2	.2969486	.0012529	.0006110	.0018433	.0010478	.0123834	-.002564
#3	.3106790	.0011334	.0005104	.0014895	.0011861	.0123731	-.003522

Sample Name: CCB08 Acquired: 3/26/2025 17:39:14 Type: Unk
 Method: NON EPA-6010-200.7(v2846) 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	.0014502	-.004047	.0001955
Stddev	.0015947	.000742	.0000162
%RSD	109.9645	18.34047	8.275457
#1	.0031722	-.004868	.0001989
#2	.0000243	-.003422	.0002098
#3	.0011540	-.003852	.0001779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.452	74791.62	15776.99	2147.668	5511.430
Stddev	9.969	1309.30	100.87	38.430	17.781
%RSD	.2917989	1.750603	.6393384	1.789390	.3226264
#1	3422.155	73880.78	15857.72	2115.858	5527.310
#2	3422.260	76292.05	15809.33	2190.368	5514.761
#3	3404.941	74202.01	15663.91	2136.777	5492.218

Sample Name: Q1643-03LDLX100 Acquired: 3/26/2025 17:43:33 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.0565813	.0075837	.2439088	-.008533	.0086923	2.223650	.0691492
Stddev	.0011905	.0019152	.0015678	.002873	.0006385	.008735	.0000634
%RSD	2.104023	25.25387	.6427724	33.66863	7.345162	.3928036	.0916856

#1	.0553134	.0085384	.2442094	-.008907	.0091615	2.214022	.0691995
#2	.0567554	.0088339	.2453044	-.005492	.0089501	2.231066	.0690780
#3	.0576752	.0053788	.2422124	-.011201	.0079652	2.225863	.0691702

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012013	-.001594	2.156396	.0642072	.0321019	1.133565	51.64088
Stddev	.0000863	.000043	.001922	.0003366	.0002808	.002064	.18872
%RSD	7.184844	2.673713	.0891284	.5242797	.8747645	.1821179	.3654388

#1	.0011255	-.001635	2.155885	.0638432	.0322354	1.133896	51.44713
#2	.0011832	-.001550	2.154781	.0642713	.0322911	1.135444	51.82412
#3	.0012952	-.001597	2.158522	.0645072	.0317793	1.131355	51.65140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489847	1.172668	.0531667	.0008013	.3812518	.0117133	1.165228
Stddev	.0002919	.008362	.0005673	.0000666	.0030467	.0020236	.014256
%RSD	.1959220	.7130884	1.067038	8.317303	.7991314	17.27584	1.223414

#1	.1489275	1.170578	.0534950	.0008475	.3802060	.0119703	1.150126
#2	.1493010	1.181877	.0534934	.0008314	.3846837	.0135960	1.178450
#3	.1487257	1.165550	.0525116	.0007249	.3788657	.0095734	1.167109

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.107275	-.049673	.3319228	.0391795	.1211021	.2687872	.0857692
Stddev	.051952	.000849	.0007635	.0008706	.0007768	.0056777	.0015932
%RSD	4.691892	1.708502	.2300390	2.222121	.6414631	2.112350	1.857568

#1	1.053330	-.050127	.3319413	.0390933	.1202460	.2691667	.0840854
#2	1.111522	-.048694	.3326770	.0400900	.1217620	.2742657	.0872530
#3	1.156973	-.050198	.3311502	.0383551	.1212982	.2629292	.0859692

Sample Name: Q1643-03LDLX100 Acquired: 3/26/2025 17:43:33 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.9448611	.0169825	-.033429
Stddev	.0059688	.0009104	.000183
%RSD	.6317138	5.361002	.5488055
#1	.9450172	.0174927	-.033254
#2	.9507504	.0175234	-.033620
#3	.9388158	.0159314	-.033413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.904	77031.91	15835.96	2246.874	5317.161
Stddev	8.968	231.62	7.06	8.726	17.135
%RSD	.2624709	.3006849	.0445575	.3883551	.3222602
#1	3414.654	77294.38	15842.16	2254.063	5311.125
#2	3409.276	76856.15	15828.28	2237.166	5303.861
#3	3426.784	76945.20	15837.45	2249.393	5336.498

Sample Name: Q1643-03MSDLX20 Acquired: 3/26/2025 17:47:45 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3363222	.1190336	1.309543	.0442427	.0520797	11.93655	.4033512
Stddev	.0026400	.0007160	.003606	.0019677	.0004000	.01623	.0012906
%RSD	.7849552	.6015229	.2753706	4.447546	.7680487	.1359848	.3199604

#1	.3371098	.1188999	1.305830	.0419746	.0525294	11.95525	.4035980
#2	.3333780	.1183938	1.309769	.0452597	.0517635	11.92817	.4045005
#3	.3384786	.1198070	1.313031	.0454938	.0519462	11.92621	.4019550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140338	.0031682	11.55995	.3516683	.1791611	5.684225	260.9774
Stddev	.0001262	.0004472	.00706	.0014085	.0005622	.017524	1.0859
%RSD	.8994060	14.11412	.0610316	.4005337	.3137826	.3082922	.4160779

#1	.0140806	.0028372	11.55983	.3504985	.1787351	5.666803	260.8853
#2	.0138909	.0029905	11.55296	.3532318	.1789498	5.684022	262.1064
#3	.0141299	.0036769	11.56706	.3512746	.1797983	5.701849	259.9406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7684465	6.194942	.3004110	.0040928	2.090655	.0689902	5.787674
Stddev	.0015954	.030932	.0014172	.0002129	.021948	.0012961	.050142
%RSD	.2076148	.4993084	.4717396	5.202211	1.049814	1.878722	.8663577

#1	.7673215	6.188283	.2987755	.0041213	2.103758	.0675225	5.773341
#2	.7702724	6.167883	.3012742	.0042899	2.102891	.0699775	5.843422
#3	.7677457	6.228662	.3011834	.0038670	2.065317	.0694707	5.746259

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.849557	-.257405	1.741913	.2194654	.6976583	.4365303	.7381719
Stddev	.028063	.010644	.007610	.0011360	.0025140	.0046646	.0052778
%RSD	.5786758	4.135228	.4368948	.5176376	.3603451	1.068561	.7149798

#1	4.820775	-.252840	1.733426	.2181748	.6978734	.4332545	.7337052
#2	4.876842	-.249806	1.744182	.2199076	.7000579	.4418710	.7368147
#3	4.851055	-.269571	1.748131	.2203139	.6950437	.4344655	.7439957

Sample Name: Q1643-03MSDLX20 Acquired: 3/26/2025 17:47:45 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.876132	.1127614	-.158204
Stddev	.023023	.0011172	.000696
%RSD	.4721514	.9907623	.4397882

#1	4.850526	.1114735	-.158190
#2	4.882749	.1133414	-.158906
#3	4.895122	.1134693	-.157515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.478	77571.91	15535.03	2250.414	5036.512
Stddev	8.435	295.69	70.85	13.259	14.776
%RSD	.2492204	.3811881	.4560792	.5891670	.2933716

#1	3392.674	77858.57	15606.01	2263.239	5052.476
#2	3384.937	77267.94	15534.77	2236.760	5033.743
#3	3375.823	77589.23	15464.30	2251.242	5023.317

Sample Name: Q1643-03MSDDLX20 Acquired: 3/26/2025 17:51:49 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3355212	.1175664	1.289714	.0489403	.0515189	11.62874	.3970414
Stddev	.0026495	.0008101	.005120	.0034920	.0003138	.00602	.0008499
%RSD	.7896727	.6890952	.3969639	7.135292	.6090115	.0517654	.2140568

#1	.3352574	.1166373	1.284296	.0522548	.0515699	11.62254	.3970770
#2	.3330134	.1181259	1.294472	.0452943	.0518041	11.63456	.3978729
#3	.3382927	.1179358	1.290373	.0492716	.0511828	11.62912	.3961743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136298	.0019065	11.40856	.3508273	.1763434	5.600274	263.9751
Stddev	.0001599	.0003572	.01999	.0013455	.0011553	.030381	1.2125
%RSD	1.173309	18.73825	.1752483	.3835178	.6551181	.5424957	.4593348

#1	.0136774	.0015050	11.38601	.3492777	.1754034	5.565404	263.9383
#2	.0137604	.0020250	11.42414	.3516991	.1776331	5.621039	265.2056
#3	.0134514	.0021894	11.41552	.3515052	.1759937	5.614378	262.7814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7492061	6.042243	.2951005	.0050881	2.123310	.0682836	5.794751
Stddev	.0007851	.017440	.0013927	.0004527	.007096	.0009238	.025144
%RSD	.1047879	.2886262	.4719308	8.897067	.3341737	1.352837	.4339072

#1	.7489649	6.044768	.2937653	.0050804	2.117118	.0693503	5.765873
#2	.7500835	6.023679	.2965443	.0055445	2.121760	.0677451	5.806587
#3	.7485700	6.058283	.2949919	.0046392	2.131053	.0677555	5.811793

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.931702	-.212081	1.722737	.2159150	.6845585	.4483778	.7267715
Stddev	.027981	.002646	.008119	.0011908	.0003265	.0051760	.0052055
%RSD	.5673663	1.247623	.4712563	.5515237	.0476998	1.154391	.7162509

#1	4.899828	-.210975	1.713412	.2150724	.6848671	.4526058	.7243070
#2	4.952217	-.210168	1.728232	.2172774	.6842166	.4426054	.7327516
#3	4.943061	-.215101	1.726566	.2153954	.6845918	.4499223	.7232559

Sample Name: Q1643-03MSDDLX20 Acquired: 3/26/2025 17:51:49 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.797140	.1130219	-.162135
Stddev	.017405	.0008751	.000959
%RSD	.3628183	.7743199	.5915243

#1	4.777177	.1131322	-.161966
#2	4.809134	.1120969	-.163167
#3	4.805107	.1138368	-.161271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.755	75767.53	15770.78	2203.567	5040.344
Stddev	12.679	71.13	37.84	13.291	19.064
%RSD	.3756946	.0938855	.2399427	.6031454	.3782290

#1	3388.918	75786.81	15781.21	2216.615	5057.338
#2	3364.462	75688.74	15802.31	2190.046	5019.729
#3	3370.885	75827.03	15728.82	2204.041	5043.964

Sample Name: Q1643-03ADLX20 Acquired: 3/26/2025 17:55:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	.3481642	.1221054	1.336404	.0477404	.0539002	12.13690	.3997458
Stddev	.0046192	.0008960	.005800	.0049398	.0027200	.00631	.0012775
%RSD	1.326740	.7337876	.4340312	10.34722	5.046339	.0519629	.3195851

#1	.3466406	.1220524	1.330000	.0457102	.0507676	12.13205	.4001247
#2	.3444992	.1230267	1.337905	.0441392	.0552706	12.14403	.4007910
#3	.3533527	.1212371	1.341306	.0533718	.0556624	12.13460	.3983217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143558	.0035013	11.62374	.3652761	.1825170	5.832547	267.7994
Stddev	.0001562	.0002621	.01425	.0022817	.0007461	.021250	1.0415
%RSD	1.087864	7.486030	.1226023	.6246599	.4087863	.3643277	.3889086

#1	.0141867	.0034379	11.61193	.3636234	.1817252	5.816091	267.9227
#2	.0144945	.0037892	11.63957	.3643254	.1832069	5.825013	266.7018
#3	.0143863	.0032767	11.61972	.3678794	.1826189	5.856537	268.7738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7675855	6.268331	.3059834	.0041686	2.099346	.0702172	6.058648
Stddev	.0015714	.010235	.0007908	.0004814	.015460	.0018276	.019944
%RSD	.2047133	.1632845	.2584556	11.54811	.7364183	2.602744	.3291840

#1	.7665938	6.260948	.3051557	.0047245	2.085616	.0696214	6.037239
#2	.7693973	6.280014	.3060633	.0038905	2.096331	.0722684	6.076702
#3	.7667655	6.264030	.3067313	.0038909	2.116091	.0687619	6.062002

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.944176	-.268296	1.794605	.2245528	.7006511	.4563871	.7488374
Stddev	.048017	.006611	.007044	.0018276	.0006873	.0137860	.0031185
%RSD	.9711751	2.464084	.3925303	.8138687	.0980900	3.020690	.4164417

#1	4.909166	-.261948	1.789365	.2228965	.7000203	.4672195	.7454674
#2	4.924448	-.275142	1.791837	.2242485	.7013835	.4408689	.7516211
#3	4.998914	-.267800	1.802613	.2265134	.7005496	.4610727	.7494238

Sample Name: Q1643-03ADLX20 Acquired: 3/26/2025 17:55:54 Type: Unk
Method: NON EPA-6010-200.7(v2846) 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	4.999706	.1145723	-.164595
Stddev	.031938	.0011894	.001246
%RSD	.6387892	1.038087	.7571758
#1	4.972418	.1132536	-.164836
#2	4.991867	.1148996	-.163245
#3	5.034833	.1155638	-.165703

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.799	74617.39	15330.98	2143.049	4965.487
Stddev	10.218	393.34	75.54	16.416	16.112
%RSD	.3078826	.5271391	.4927067	.7660177	.3244709
#1	3328.464	74821.07	15416.25	2161.478	4983.962
#2	3319.828	74867.11	15272.44	2137.678	4958.139
#3	3308.106	74163.98	15304.26	2129.992	4954.358

Sample Name: CCV09 Acquired: 3/26/2025 17:59:58 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.230124	5.056895	4.940438	5.320859	5.249512	10.00323	9.586004
Stddev	.036228	.020557	.030166	.033040	.041351	.08329	.107692
%RSD	.6926715	.4065242	.6105903	.6209584	.7877158	.8326176	1.123426
#1	5.194086	5.037782	4.906755	5.291596	5.206684	9.91441	9.529762
#2	5.229746	5.054259	4.949591	5.314290	5.252645	10.07958	9.518076
#3	5.266538	5.078643	4.964967	5.356690	5.289209	10.01570	9.710172
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2396894	2.491789	24.44139	1.037306	2.485024	1.294078	4.919488
Stddev	.0016681	.016863	.22009	.001827	.016483	.007732	.023400
%RSD	.6959566	.6767376	.9004837	.1761463	.6632859	.5975087	.4756548
#1	.2381427	2.474115	24.21580	1.035465	2.467946	1.285361	4.894583
#2	.2414570	2.493551	24.65553	1.037334	2.486287	1.296768	4.941015
#3	.2394685	2.507702	24.45285	1.039119	2.500839	1.300107	4.922868
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.303783	24.07463	2.497980	1.276459	24.46850	2.449627	2.476645
Stddev	.024040	.18304	.017142	.001684	.08584	.022532	.004691
%RSD	1.043487	.7602987	.6862509	.1319261	.3508209	.9198017	.1894242
#1	2.278141	23.88026	2.480188	1.275564	24.38613	2.426353	2.481928
#2	2.325811	24.24371	2.499363	1.275411	24.55744	2.471335	2.475041
#3	2.307395	24.09991	2.514389	1.278401	24.46193	2.451192	2.472967
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.68484	4.766334	5.220116	5.013979	4.846743	5.244091	4.983985
Stddev	.14069	.042756	.033365	.036299	.048482	.034577	.047829
%RSD	.5477689	.8970395	.6391674	.7239555	1.000295	.6593612	.9596597
#1	25.53083	4.720090	5.183444	4.975796	4.796764	5.204369	4.931376
#2	25.80661	4.804428	5.228225	5.018099	4.893574	5.267446	4.995731
#3	25.71710	4.774485	5.248679	5.048042	4.849892	5.260458	5.024846

Sample Name: CCV09 Acquired: 3/26/2025 17:59:58 Type: Unk
 Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.944220	4.749996	4.822764
Stddev	.032933	.052689	.023440
%RSD	.6660863	1.109237	.4860299
#1	4.915170	4.697639	4.846123
#2	4.937492	4.803010	4.822925
#3	4.979997	4.749338	4.799244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.211	73710.09	15254.25	2114.885	4878.087
Stddev	21.787	97.11	91.51	7.707	28.977
%RSD	.6625844	.1317391	.5998773	.3644312	.5940293
#1	3312.944	73652.24	15350.35	2106.108	4909.803
#2	3279.831	73822.20	15168.15	2118.004	4871.461
#3	3271.858	73655.83	15244.26	2120.545	4852.996

Sample Name: CCB09 Acquired: 3/26/2025 18:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006287	.0011169	-.000358	.0001463	-.001316	.0041860	-.006802
Stddev	.0010963	.0016607	.000463	.0034726	.000854	.0003676	.000631
%RSD	174.3792	148.6983	129.2541	2374.328	64.95011	8.781529	9.282881

#1	.0003452	-.000642	-.000032	.0036716	-.001662	.0045626	-.007101
#2	.0018389	.001335	-.000887	-.003271	-.000342	.0038281	-.006076
#3	-.000298	.002658	-.000154	.000038	-.001942	.0041675	-.007227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001004	.0000743	-.001148	.0000755	-.000054	-.000446	-.007794
Stddev	.0000863	.0000113	.002039	.0002549	.000062	.000195	.003369
%RSD	85.91851	15.23431	177.6672	337.3329	116.4594	43.78701	43.22425

#1	.0002000	.0000683	.000977	-.000014	.000008	-.000379	-.009921
#2	.0000533	.0000672	-.003090	.000363	-.000052	-.000666	-.003910
#3	.0000480	.0000874	-.001331	-.000122	-.000117	-.000293	-.009551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0153292	.0000717	.0006401	-.016807	.0007886	-.000980
Stddev	.000110	.0110277	.0003279	.0000385	.014277	.0012185	.000258
%RSD	5632.413	71.93915	457.2050	6.014678	84.94758	154.5178	26.36801

#1	.000108	.0221050	.0003949	.0006115	-.033281	.0021696	-.001102
#2	-.000000	.0212781	-.000261	.0006839	-.009100	.0003312	-.001156
#3	-.000113	.0026045	.000081	.0006249	-.008040	-.000135	-.000683

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2360996	.0008957	.0006868	.0021181	.0008143	.0090752	-.002699
Stddev	.0206275	.0004172	.0003737	.0005921	.0004525	.0014545	.003515
%RSD	8.736789	46.57500	54.40598	27.95615	55.56958	16.02718	130.2387

#1	.2566354	.0013225	.0009821	.0020958	.0003001	.0091368	-.001530
#2	.2153816	.0008759	.0008116	.0027211	.0011517	.0075909	.000083
#3	.2362818	.0004888	.0002667	.0015374	.0009912	.0104979	-.006650

Sample Name: CCB09 Acquired: 3/26/2025 18:04:10 Type: Unk
 Method: NON EPA-6010-200.7(v2846) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010104	-.003681	.0001977
Stddev	.0017719	.001125	.0000025
%RSD	175.3609	30.55082	1.248149
#1	.0013097	-.003662	.0001975
#2	-.000892	-.002566	.0002003
#3	.002614	-.004814	.0001954

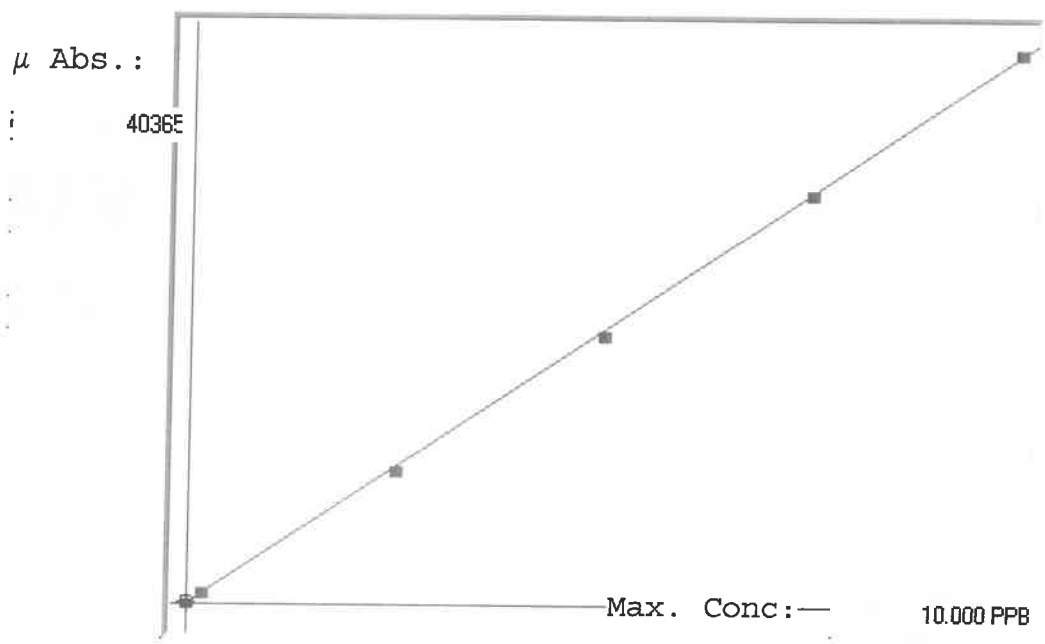
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.614	78310.61	15333.83	2270.943	5567.810
Stddev	30.705	141.35	120.46	7.614	51.521
%RSD	.8864879	.1804934	.7855555	.3352819	.9253416
#1	3460.614	78406.22	15471.97	2263.582	5579.893
#2	3434.520	78377.36	15250.76	2278.787	5511.321
#3	3495.709	78148.26	15278.74	2270.462	5612.216

LB135183

7470A

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000
B= 2.4934e-004
C= -8.0475e-003
Rho= 0.9998945
Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	
0.0	0.000	0.056	0.056	258	0.000	258	0				0.16
0.2	0.200	0.231	0.031	957	0.0 %	957					16
2.5	2.500	2.444	-0.056	9833	0.0 %	9833					-2
5.0	5.000	4.918	-0.082	19756	0.0 %	19756					-2
7.5	7.500	7.495	-0.005	30091	0.0 %	30091					0
10.0	10.000	10.057	0.057	40365	0.0 %	40365					1

LB135183 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 26 Mar 2025 08:05:02

Sample ID	Extended ID	μ Abs.	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	50	258	-	0.0000	7470A	PPB	26 Mar 2025 08:20:32	S	Std
0.2 - 1	50.2	957	-	0.2000	7470A	PPB	26 Mar 2025 08:22:49	S	Std
2.5 - 1	52.15	9833	-	2.5000	7470A	PPB	26 Mar 2025 08:26:49	S	Std
5.0 - 1	55	19756	-	5.0000	7470A	PPB	26 Mar 2025 08:29:05	S	Std
7.5 - 1	59.5	30091	-	7.5000	7470A	PPB	26 Mar 2025 08:31:23	S	Std
10.0 - 1	516	40365	-	10.0000	7470A	PPB	26 Mar 2025 08:33:42	S	Std
ICV61 - 1	ICV61	16350	4.0687	-	7470A	PPB	26 Mar 2025 08:36:39	U	SMPL
ICB61 - 1	ICB61	-265	-0.0741	-	7470A	PPB	26 Mar 2025 08:38:55	U	SMPL
CCV60 - 1	CCV60	20159	5.0184	-	7470A	PPB	26 Mar 2025 08:41:13	U	SMPL
CCB60 - 1	CCB60	-254	-0.0714	-	7470A	PPB	26 Mar 2025 08:43:28	U	SMPL
CRA - 1	CRA	380	0.0867	-	7470A	PPB	26 Mar 2025 08:45:46	U	SMPL
HighStd - 1	HighStd	0	-0.0080	-	7470A	PPB	26 Mar 2025 08:48:01	U	SMPL
CRA - 1	CRA	715	0.1702	-	7470A	PPB	26 Mar 2025 08:48:19	U	SMPL
HighStd - 1	HighStd	40640	10.1252	-	7470A	PPB	26 Mar 2025 08:50:34	U	SMPL
ChkStd - 1	ChkStd	28567	7.1149	-	7470A	PPB	26 Mar 2025 08:55:30	U	SMPL
PB167309BL - 1	PBW	78	0.0114	-	7470A	PPB	26 Mar 2025 09:03:07	U	SMPL
PB167309BS - 1	LCSW	15401	3.8321	-	7470A	PPB	26 Mar 2025 09:05:22	U	SMPL
Q1626-03 - 1	CO-32-1	-327	-0.0896	-	7470A	PPB	26 Mar 2025 09:07:40	U	SMPL
Q1627-01 - 1	GRID-LINE-1.2-NORTH	-65	-0.0243	-	7470A	PPB	26 Mar 2025 09:09:58	U	SMPL
Q1630-02 - 1	VNJ-206	-27	-0.0148	-	7470A	PPB	26 Mar 2025 09:12:15	U	SMPL
Q1632-02 - 1	PIER-1-2	-5	-0.0093	-	7470A	PPB	26 Mar 2025 09:14:33	U	SMPL
Q1635-04 - 1	TP-2	-32	-0.0160	-	7470A	PPB	26 Mar 2025 09:16:49	U	SMPL
CCV61 - 1	CCV61	19380	4.8242	-	7470A	PPB	26 Mar 2025 09:19:04	U	SMPL
CCB61 - 1	CCB61	-133	-0.0412	-	7470A	PPB	26 Mar 2025 09:21:19	U	SMPL
Q1636-04 - 1	WC-1	32	-0.0001	-	7470A	PPB	26 Mar 2025 09:23:37	U	SMPL
Q1636-08 - 1	WC-2	43	0.0027	-	7470A	PPB	26 Mar 2025 09:25:52	U	SMPL
Q1636-12 - 1	WC-3	19	-0.0033	-	7470A	PPB	26 Mar 2025 09:28:08	U	SMPL
Q1636-16 - 1	WC-4	9	-0.0058	-	7470A	PPB	26 Mar 2025 09:30:23	U	SMPL
Q1636-20 - 1	WC-5	6	-0.0066	-	7470A	PPB	26 Mar 2025 09:32:39	U	SMPL
Q1636-20DUP - 1	WC-5DUP	-6	-0.0095	-	7470A	PPB	26 Mar 2025 09:34:55	U	SMPL
Q1636-20MS - 1	WC-5MS	14065	3.4989	-	7470A	PPB	26 Mar 2025 09:37:12	U	SMPL
Q1636-20MSD - 1	WC-5MSD	15281	3.8021	-	7470A	PPB	26 Mar 2025 09:39:29	U	SMPL
CCV62 - 1	CCV62	19120	4.7594	-	7470A	PPB	26 Mar 2025 09:41:50	U	SMPL
CCB62 - 1	CCB62	-156	-0.0469	-	7470A	PPB	26 Mar 2025 09:44:08	U	SMPL
PB167275TB - 1	PB167275TB	-6	-0.0095	-	7470A	PPB	26 Mar 2025 09:46:26	U	SMPL
Q1636-20LX5 - 1		55	0.0057	-	7470A	PPB	26 Mar 2025 09:48:41	U	SMPL
Q1636-20A - 1		15920	3.9615	-	7470A	PPB	26 Mar 2025 09:50:57	U	SMPL
CCV63 - 1	CCV63	18917	4.7087	-	7470A	PPB	26 Mar 2025 09:53:13	U	SMPL
CCB63 - 1	CCB63	-212	-0.0609	-	7470A	PPB	26 Mar 2025 09:55:30	U	SMPL

SOP ID : M3050B-Digestion-20

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: 03/25/2025 Time : 12:05 Temp : 96 °C

End Digest Date: 03/25/2025 Time : 15:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLG*

Supervisor Signature: *CS*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-2	0.25	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP84720
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 55 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/25/25 16:10	<i>SLG. met.dig</i>	<i>CS (met.dig)</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
PB167275TB	PB167275TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167307BL	PBW307	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB167307BS	LCS307	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	3
Q1626-03	CO-32-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1627-01	GRID-LINE-1.2-NORTH	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1630-02	VNJ-206	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q1631-02	364	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q1631-05	359	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1632-02	PIER-1-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q1635-04	TP-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
Q1636-04	WC-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
Q1636-08	WC-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q1636-12	WC-3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
Q1636-16	WC-4	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
Q1636-20	WC-5	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
Q1636-20MS	WC-5MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	17
Q1636-20MSD	WC-5MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	18
Q1636-20DUP	WC-5DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16

TCLP EXTRACTION LOGPAGE

PB167275

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167275TB	LEB275	13	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1626-03	CO-32-1	01	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1627-01	GRID-LINE-1.2-NORTH	02	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1630-02	VNJ-206	03	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1631-02	364	04	100.04	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1631-05	359	05	100.02	2000	N/A	N/A	N/A	10.0	1.0	T-1
Q1632-02	PIER-1-2	06	100.03	2000	N/A	N/A	N/A	9.5	1.5	T-1
Q1635-04	TP-2	07	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1636-04	WC-1	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1636-08	WC-2	09	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1636-12	WC-3	10	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1636-16	WC-4	11	100.04	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1636-20	WC-5	12	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135183

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85001,MP85003,MP85004,MP85005,MP85006,MP85007
ICV Standard	MP85008
CCV Standard	MP85010
ICSA Standard	
CRI Standard	MP85012
LCS Standard	
Chk Standard	MP85009,MP85011,MP85032MP84995

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/26/25 08:20		Mohan	OK
2	S0.2	S0.2	CAL2	03/26/25 08:22		Mohan	OK
3	S2.5	S2.5	CAL3	03/26/25 08:26		Mohan	OK
4	S5	S5	CAL4	03/26/25 08:29		Mohan	OK
5	S7.5	S7.5	CAL5	03/26/25 08:31		Mohan	OK
6	S10	S10	CAL6	03/26/25 08:33		Mohan	OK
7	ICV61	ICV61	ICV	03/26/25 08:36		Mohan	OK
8	ICB61	ICB61	ICB	03/26/25 08:38		Mohan	OK
9	CCV60	CCV60	CCV	03/26/25 08:41		Mohan	OK
10	CCB60	CCB60	CCB	03/26/25 08:43		Mohan	OK
11	CRA	CRA	CRDL	03/26/25 08:48		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/26/25 08:50		Mohan	OK
13	ChkStd	ChkStd	SAM	03/26/25 08:55		Mohan	OK
14	PB167309BL	PB167309BL	MB	03/26/25 09:03		Mohan	OK
15	PB167309BS	PB167309BS	LCS	03/26/25 09:05		Mohan	OK
16	Q1626-03	CO-32-1	SAM	03/26/25 09:07		Mohan	OK
17	Q1627-01	GRID-LINE-1.2-NORT	SAM	03/26/25 09:09		Mohan	OK
18	Q1630-02	VNJ-206	SAM	03/26/25 09:12		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135183

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85001,MP85003,MP85004,MP85005,MP85006,MP85007
ICV Standard	MP85008
CCV Standard	MP85010
ICSA Standard	
CRI Standard	MP85012
LCS Standard	
Chk Standard	MP85009,MP85011,MP85032MP84995

19	Q1632-02	PIER-1-2	SAM	03/26/25 09:14		Mohan	OK
20	Q1635-04	TP-2	SAM	03/26/25 09:16		Mohan	OK
21	CCV61	CCV61	CCV	03/26/25 09:19		Mohan	OK
22	CCB61	CCB61	CCB	03/26/25 09:21		Mohan	OK
23	Q1636-04	WC-1	SAM	03/26/25 09:23		Mohan	OK
24	Q1636-08	WC-2	SAM	03/26/25 09:25		Mohan	OK
25	Q1636-12	WC-3	SAM	03/26/25 09:28		Mohan	OK
26	Q1636-16	WC-4	SAM	03/26/25 09:30		Mohan	OK
27	Q1636-20	WC-5	SAM	03/26/25 09:32		Mohan	OK
28	Q1636-20DUP	WC-5DUP	DUP	03/26/25 09:34		Mohan	OK
29	Q1636-20MS	WC-5MS	MS	03/26/25 09:37		Mohan	OK
30	Q1636-20MSD	WC-5MSD	MSD	03/26/25 09:39		Mohan	OK
31	CCV62	CCV62	CCV	03/26/25 09:41		Mohan	OK
32	CCB62	CCB62	CCB	03/26/25 09:44		Mohan	OK
33	PB167275TB	PB167275TB	MB	03/26/25 09:46		Mohan	OK
34	Q1636-20L	WC-5L	SD	03/26/25 09:48		Mohan	OK
35	Q1636-20A	WC-5A	PS	03/26/25 09:50		Mohan	OK
36	CCV63	CCV63	CCV	03/26/25 09:53		Mohan	OK
37	CCB63	CCB63	CCB	03/26/25 09:55		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/26/25 10:38		Kareem	OK
2	S1	S1	CAL2	03/26/25 10:43		Kareem	OK
3	S2	S2	CAL3	03/26/25 10:47		Kareem	OK
4	S3	S3	CAL4	03/26/25 10:51		Kareem	OK
5	S4	S4	CAL5	03/26/25 10:55		Kareem	OK
6	S5	S5	CAL6	03/26/25 10:59		Kareem	OK
7	ICV01	ICV01	ICV	03/26/25 11:04		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/26/25 11:14		Kareem	OK
9	ICB01	ICB01	ICB	03/26/25 11:18		Kareem	OK
10	CRI01	CRI01	CRDL	03/26/25 11:22		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/26/25 11:27		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/26/25 11:31		Kareem	OK
13	CCV01	CCV01	CCV	03/26/25 11:35		Kareem	OK
14	CCB01	CCB01	CCB	03/26/25 11:53		Kareem	OK
15	PB167275TB	PB167275TB	MB	03/26/25 11:57		Kareem	OK
16	Q1626-03	CO-32-1	SAM	03/26/25 12:01		Kareem	OK
17	Q1606-09	CHRT28607	SAM	03/26/25 12:06		Kareem	OK
18	Q1627-01	GRID-LINE-1.2-NORT	SAM	03/26/25 12:10		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	Q1630-02	VNJ-206	SAM	03/26/25 12:14		Kareem	OK
20	Q1631-02	364	SAM	03/26/25 12:19		Kareem	OK
21	Q1631-05	359	SAM	03/26/25 12:23		Kareem	OK
22	Q1632-02	PIER-1-2	SAM	03/26/25 12:27		Kareem	OK
23	Q1635-04	TP-2	SAM	03/26/25 12:32	Need to Confirm TCLP (Ba)	Kareem	OK
24	Q1636-04	WC-1	SAM	03/26/25 12:36	Need to Confirm TCLP (Ba)	Kareem	OK
25	CCV02	CCV02	CCV	03/26/25 12:41		Kareem	OK
26	CCB02	CCB02	CCB	03/26/25 12:45		Kareem	OK
27	Q1636-08	WC-2	SAM	03/26/25 12:52		Kareem	OK
28	Q1636-12	WC-3	SAM	03/26/25 12:56	Need to Confirm TCLP (Ba)	Kareem	OK
29	Q1636-16	WC-4	SAM	03/26/25 13:01	Need to Confirm TCLP (Ba)	Kareem	OK
30	Q1636-20	WC-5	SAM	03/26/25 13:05	Need to Confirm TCLP (Ba)	Kareem	OK
31	Q1636-20DUP	WC-5DUP	DUP	03/26/25 13:09		Kareem	OK
32	Q1636-20L	WC-5L	SD	03/26/25 13:14		Kareem	OK
33	Q1636-20MS	WC-5MS	MS	03/26/25 13:18		Kareem	OK
34	Q1636-20MSD	WC-5MSD	MSD	03/26/25 13:22		Kareem	OK
35	Q1636-20A	WC-5A	PS	03/26/25 13:27		Kareem	OK
36	PB167307BL	PB167307BL	MB	03/26/25 13:31		Kareem	OK
37	CCV03	CCV03	CCV	03/26/25 13:35		Kareem	OK
38	CCB03	CCB03	CCB	03/26/25 13:39		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	PB167307BS	PB167307BS	LCS	03/26/25 13:44		Kareem	OK
40	Q1637-01	EO-01-032525	SAM	03/26/25 13:48		Kareem	OK
41	Q1637-03	EO-02-032525	SAM	03/26/25 13:52		Kareem	OK
42	Q1637-03DUP	EO-02-032525DUP	DUP	03/26/25 13:56		Kareem	OK
43	Q1637-03L	EO-02-032525L	SD	03/26/25 14:00		Kareem	OK
44	Q1637-03MS	EO-02-032525MS	MS	03/26/25 14:04		Kareem	OK
45	Q1637-03MSD	EO-02-032525MSD	MSD	03/26/25 14:08		Kareem	OK
46	Q1637-03A	EO-02-032525A	PS	03/26/25 14:12		Kareem	OK
47	PB167313BL	PB167313BL	MB	03/26/25 14:16		Kareem	OK
48	PB167313BS	PB167313BS	LCS	03/26/25 14:20		Kareem	OK
49	CCV04	CCV04	CCV	03/26/25 14:30		Kareem	OK
50	CCB04	CCB04	CCB	03/26/25 14:34		Kareem	OK
51	LR1	LR1	HIGH STD	03/26/25 14:44		Kareem	OK
52	LR2	LR2	HIGH STD	03/26/25 14:49		Kareem	OK
53	CCV05	CCV05	CCV	03/26/25 15:02		Kareem	OK
54	CCB05	CCB05	CCB	03/26/25 15:07		Kareem	OK
55	Q1647-01	HR-SPILL-DEBRIS	SAM	03/26/25 15:12	%Soil missing	Kareem	OK
56	Q1648-01	TP-4	SAM	03/26/25 15:16	%Soil missing	Kareem	OK
57	Q1648-03	TP-5	SAM	03/26/25 15:20	%Soil missing	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

58	Q1643-03	030825-COMP	SAM	03/26/25 15:24	Cr,Fe high & Se,Ag (oversaturated)	Kareem	Dilution
59	Q1648-05	TP-3	SAM	03/26/25 15:29	%Soil missing	Kareem	OK
60	Q1648-07	TP-6	SAM	03/26/25 15:33	%Soil missing	Kareem	OK
61	Q1648-09	TP-7	SAM	03/26/25 15:37	%Soil missing	Kareem	OK
62	Q1648-11	TP-8	SAM	03/26/25 15:41	%Soil missing	Kareem	OK
63	Q1648-13	TP-2	SAM	03/26/25 15:45	%Soil missing	Kareem	OK
64	Q1650-01DUP	STOCK-PILE-BIN2DUP	DUP	03/26/25 15:49		Kareem	OK
65	CCV06	CCV06	CCV	03/26/25 15:54		Kareem	OK
66	CCB06	CCB06	CCB	03/26/25 15:58		Kareem	OK
67	Q1650-01	STOCK-PILE-BIN2	SAM	03/26/25 16:02	%Soil missing	Kareem	OK
68	Q1650-01L	STOCK-PILE-BIN2L	SD	03/26/25 16:06		Kareem	OK
69	Q1650-01MS	STOCK-PILE-BIN2MS	MS	03/26/25 16:10		Kareem	OK
70	Q1650-01MSD	STOCK-PILE-BIN2MSD	MSD	03/26/25 16:14		Kareem	OK
71	Q1650-01A	STOCK-PILE-BIN2A	PS	03/26/25 16:18		Kareem	OK
72	PB167336BL	PB167336BL	MB	03/26/25 16:22		Kareem	OK
73	PB167336BS	PB167336BS	LCS	03/26/25 16:27		Kareem	OK
74	Q1642-01	PAT-1-032525	SAM	03/26/25 16:31		Kareem	OK
75	Q1643-03DUP	030825-COMPDUP	DUP	03/26/25 16:35	Cr,Fe high & Se,Ag (oversaturated)	Kareem	Dilution
76	Q1643-03L	030825-COMPL	SD	03/26/25 16:39		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

77	CCV07	CCV07	CCV	03/26/25 16:43		Kareem	OK
78	CCB07	CCB07	CCB	03/26/25 16:48		Kareem	OK
79	PB167318BL	PB167318BL	MB	03/26/25 16:52		Kareem	OK
80	PB167318BS	PB167318BS	LCS	03/26/25 16:56		Kareem	OK
81	Q1643-03MS	030825-COMPMS	MS	03/26/25 17:00	Cr,Fe high & Ag (oversaturated)	Kareem	Dilution
82	Q1643-03MSD	030825-COMPMSD	MSD	03/26/25 17:05	Cr,Fe high & Ag (oversaturated)	Kareem	Dilution
83	Q1643-03A	030825-COMPA	PS	03/26/25 17:09		Kareem	OK
84	Q1644-02	12325-C	SAM	03/26/25 17:14		Kareem	OK
85	Q1645-01	TP-4	SAM	03/26/25 17:18		Kareem	OK
86	Q1645-05	TP-1	SAM	03/26/25 17:22		Kareem	OK
87	Q1643-03DL	030825-COMPDL	SAM	03/26/25 17:26	20x for Cr,Fe,Se,Ag	Kareem	Confirms
88	Q1643-03DUPDL	030825-COMPDUPL	DUP	03/26/25 17:30	20x for Cr,Fe,Se,Ag	Kareem	Confirms
89	CCV08	CCV08	CCV	03/26/25 17:35		Kareem	OK
90	CCB08	CCB08	CCB	03/26/25 17:39		Kareem	OK
91	Q1643-03LDL	030825-COMPLDL	SD	03/26/25 17:43	Not Required	Kareem	Not Ok
92	Q1643-03MSDL	030825-COMPMSDL	MS	03/26/25 17:47	20x for Cr,Fe,Ag	Kareem	Confirms
93	Q1643-03MSDDL	030825-COMPMSDDL	MSD	03/26/25 17:51	20x for Cr,Fe,Ag	Kareem	Confirms
94	Q1643-03ADL	030825-COMPADL	PS	03/26/25 17:55	Not Required	Kareem	Not Ok
95	CCV09	CCV09	CCV	03/26/25 17:59		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135196

Review By		Review On					
Supervise By		Supervise On					
STD. NAME	STD REF.#						
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard							

96	CCB09	CCB09	CCB	03/26/25 18:04		Kareem	OK
----	-------	-------	-----	----------------	--	--------	----

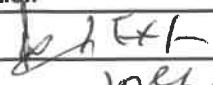
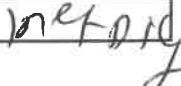
SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 03/24/2025 Time : 17:00
Weigh By :	JP	End Prep Date : 03/25/2025 Time : 10:40
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : ⁸⁰ N/A
Extraction By :	JP	Initial Room Temperature: 23 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : 
Tumbler ID :	T-1 / T-2	Supervisor By : 
TCLP Filter ID :	115525	

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	W3172.	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. Particle size reduction is not required. Tumbler T-1 / T-2 checked, 30 rpm. q1636-20 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/25/25 12:00	 1200 Room	5/29. 
	Preparation Group	Analysis Group 

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167275TB	LEB275	13	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1626-03	CO-32-1	01	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1627-01	GRID-LINE-1.2-NORTH	02	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1630-02	VNJ-206	03	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1631-02	364	04	100.04	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1631-05	359	05	100.02	2000	N/A	N/A	N/A	10.0	1.0	T-1
Q1632-02	PIER-1-2	06	100.03	2000	N/A	N/A	N/A	9.5	1.5	T-1
Q1635-04	TP-2	07	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1636-04	WC-1	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1636-08	WC-2	09	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1636-12	WC-3	10	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1636-16	WC-4	11	100.04	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1636-20	WC-5	12	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167275TB	LEB275	N/A	N/A	N/A	N/A	N/A	N/A
Q1626-03	CO-32-1	N/A	N/A	N/A	N/A	100	N/A
Q1627-01	GRID-LINE-1.2-NORTH	N/A	N/A	N/A	N/A	100	N/A
Q1630-02	VNJ-206	N/A	N/A	N/A	N/A	100	N/A
Q1631-02	364	N/A	N/A	N/A	N/A	100	N/A
Q1631-05	359	N/A	N/A	N/A	N/A	100	N/A
Q1632-02	PIER-1-2	N/A	N/A	N/A	N/A	100	N/A
Q1635-04	TP-2	N/A	N/A	N/A	N/A	100	N/A
Q1636-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q1636-08	WC-2	N/A	N/A	N/A	N/A	100	N/A
Q1636-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q1636-16	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q1636-20	WC-5	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167275TB	LEB275	N/A	N/A	N/A	N/A	#1	4.93
Q1626-03	CO-32-1	5.01	96.5	8.2	3.5	#1	4.93
Q1627-01	GRID-LINE-1.2-NORTH	5.01	96.5	11.0	4.5	#1	4.93
Q1630-02	VNJ-206	5.02	96.5	8.0	3.5	#1	4.93
Q1631-02	364	5.01	96.5	9.7	4.0	#1	4.93
Q1631-05	359	5.02	96.5	11.0	4.5	#1	4.93
Q1632-02	PIER-1-2	5.03	96.5	10.5	4.0	#1	4.93
Q1635-04	TP-2	5.04	96.5	8.0	3.5	#1	4.93
Q1636-04	WC-1	5.02	96.5	6.0	2.0	#1	4.93
Q1636-08	WC-2	5.03	96.5	6.6	1.5	#1	4.93
Q1636-12	WC-3	5.04	96.5	6.2	2.0	#1	4.93
Q1636-16	WC-4	5.02	96.5	6.0	2.0	#1	4.93
Q1636-20	WC-5	5.03	96.5	6.0	2.0	#1	4.93



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1627

COC Number:

CLIENT INFORMATION

COMPANY: Scalամandre Tully JV
ADDRESS: 57 Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: Dean Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: DOT Harper Street Yard
PROJECT #: 23657 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ ASAP _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

* RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

Full TCLP	RIC								
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE 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.	Grid Line 1/2 North	Soil		X	3/20/25	1230		X	X								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. D Devoe	DATE/TIME March 20, 2025	RECEIVED BY 1.	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>4.8°C</u> MeOH extraction requires an additional 4oz. Jar for percent solid Comments: ☐ Ice in Cooler? <u>yes</u> <u>IR-Gun #1</u>	
RELINQUISHED BY 2.	DATE/TIME 3-21-25	RECEIVED BY 2.		
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.		
Page _____ of _____			SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight	Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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