

Cover Page

Order ID : Q1574

Project ID : Ave L

Client : G Environmental

Lab Sample Number

Q1574-01
Q1574-02

Client Sample Number

WC1
WC1

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: 3/21/2025

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 #: Q1574

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: PRADIP PRAJAPATI

Date: 03/21/2025

LAB CHRONICLE

OrderID:	Q1574	OrderDate:	3/14/2025 11:25:00 AM
Client:	G Environmental	Project:	Ave L
Contact:	Gary Landis	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	WC1	SOIL			03/12/25			03/14/25
			Mercury	7471B		03/17/25	03/17/25	
			Metals ICP-TAL	6010D		03/14/25	03/18/25	
Q1574-02	WC1	TCLP			03/12/25			03/14/25
			TCLP ICP Metals	6010D		03/17/25	03/18/25	
			TCLP Mercury	7470A		03/17/25	03/18/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q1574
Client: G Environmental

Order ID: Q1574
Project ID: Ave L

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1574-02	WC1	TCLP	Arsenic	58.2	J	34.8	100	ug/L
Q1574-02	WC1	TCLP	Barium	1180		62.8	500	ug/L
Q1574-02	WC1	TCLP	Cadmium	176		0.94	30.0	ug/L
Q1574-02	WC1	TCLP	Chromium	10.8	J	6.60	50.0	ug/L
Q1574-02	WC1	TCLP	Lead	4690		35.1	60.0	ug/L
Q1574-02	WC1	TCLP	Mercury	5.22		0.76	2.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-02	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	58.2	J	1	34.8	100	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7440-39-3	Barium	1180		1	62.8	500	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7440-43-9	Cadmium	176		1	0.94	30.0	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7440-47-3	Chromium	10.8	J	1	6.60	50.0	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7439-92-1	Lead	4690		1	35.1	60.0	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7439-97-6	Mercury	5.22		1	0.76	2.00	ug/L	03/17/25 10:35	03/18/25 10:45	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/17/25 12:05	03/18/25 11:45	SW6010	SW3050

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

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

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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
ICV46	Mercury	3.94	4.0	99	90 - 110	CV	03/18/2025	09:55	LB135064

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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
CCV20	Mercury	5.37	5.0	107	90 - 110	CV	03/18/2025	09:59	LB135064
CCV21	Mercury	4.87	5.0	97	90 - 110	CV	03/18/2025	10:35	LB135064
CCV22	Mercury	5.12	5.0	102	90 - 110	CV	03/18/2025	10:54	LB135064

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	1020	1000	102	90 - 110	P	03/17/2025	14:31	LB135063
	Barium	533	520	102	90 - 110	P	03/17/2025	14:31	LB135063
	Cadmium	504	510	99	90 - 110	P	03/17/2025	14:31	LB135063
	Chromium	529	520	102	90 - 110	P	03/17/2025	14:31	LB135063
	Lead	996	1000	100	90 - 110	P	03/17/2025	14:31	LB135063
	Selenium	1050	1000	105	90 - 110	P	03/17/2025	14:31	LB135063
	Silver	257	250	103	90 - 110	P	03/17/2025	14:31	LB135063

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	19.4	20.0	97	80 - 120	P	03/17/2025	14:38	LB135063
	Barium	93.6	100	94	80 - 120	P	03/17/2025	14:38	LB135063
	Cadmium	5.89	6.0	98	80 - 120	P	03/17/2025	14:38	LB135063
	Chromium	10.3	10.0	103	80 - 120	P	03/17/2025	14:38	LB135063
	Lead	12.3	12.0	103	80 - 120	P	03/17/2025	14:38	LB135063
	Selenium	18.2	20.0	91	80 - 120	P	03/17/2025	14:38	LB135063
	Silver	10.5	10.0	105	80 - 120	P	03/17/2025	14:38	LB135063

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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	5160	5000	103	90 - 110	P	03/17/2025	15:15	LB135063
	Barium	9740	10000	97	90 - 110	P	03/17/2025	15:15	LB135063
	Cadmium	2510	2500	100	90 - 110	P	03/17/2025	15:15	LB135063
	Chromium	1030	1000	103	90 - 110	P	03/17/2025	15:15	LB135063
	Lead	5080	5000	102	90 - 110	P	03/17/2025	15:15	LB135063
	Selenium	5080	5000	102	90 - 110	P	03/17/2025	15:15	LB135063
	Silver	1310	1250	104	90 - 110	P	03/17/2025	15:15	LB135063
CCV02	Arsenic	5220	5000	104	90 - 110	P	03/17/2025	16:13	LB135063
	Barium	9760	10000	98	90 - 110	P	03/17/2025	16:13	LB135063
	Cadmium	2500	2500	100	90 - 110	P	03/17/2025	16:13	LB135063
	Chromium	1040	1000	104	90 - 110	P	03/17/2025	16:13	LB135063
	Lead	5070	5000	101	90 - 110	P	03/17/2025	16:13	LB135063
	Selenium	5140	5000	103	90 - 110	P	03/17/2025	16:13	LB135063
	Silver	1290	1250	103	90 - 110	P	03/17/2025	16:13	LB135063
CCV03	Arsenic	5320	5000	106	90 - 110	P	03/17/2025	17:05	LB135063
	Barium	9780	10000	98	90 - 110	P	03/17/2025	17:05	LB135063
	Cadmium	2570	2500	103	90 - 110	P	03/17/2025	17:05	LB135063
	Chromium	1090	1000	109	90 - 110	P	03/17/2025	17:05	LB135063
	Lead	5200	5000	104	90 - 110	P	03/17/2025	17:05	LB135063
	Selenium	5220	5000	104	90 - 110	P	03/17/2025	17:05	LB135063
	Silver	1330	1250	106	90 - 110	P	03/17/2025	17:05	LB135063
CCV04	Arsenic	5020	5000	100	90 - 110	P	03/17/2025	17:51	LB135063
	Barium	9270	10000	93	90 - 110	P	03/17/2025	17:51	LB135063
	Cadmium	2390	2500	96	90 - 110	P	03/17/2025	17:51	LB135063
	Chromium	1010	1000	101	90 - 110	P	03/17/2025	17:51	LB135063
	Lead	4870	5000	97	90 - 110	P	03/17/2025	17:51	LB135063
	Selenium	4900	5000	98	90 - 110	P	03/17/2025	17:51	LB135063
	Silver	1240	1250	100	90 - 110	P	03/17/2025	17:51	LB135063
CCV05	Arsenic	5050	5000	101	90 - 110	P	03/17/2025	18:18	LB135063
	Barium	9500	10000	95	90 - 110	P	03/17/2025	18:18	LB135063
	Cadmium	2390	2500	96	90 - 110	P	03/17/2025	18:18	LB135063
	Chromium	1020	1000	102	90 - 110	P	03/17/2025	18:18	LB135063
	Lead	4870	5000	97	90 - 110	P	03/17/2025	18:18	LB135063
	Selenium	4960	5000	99	90 - 110	P	03/17/2025	18:18	LB135063

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	03/17/2025	18:18	LB135063



- 2a -

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1574</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1574</u>	SAS No.:	<u>Q1574</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Arsenic	1020	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Barium	540	520	104	90 - 110	P	03/18/2025	10:36	LB135083
	Cadmium	510	510	100	90 - 110	P	03/18/2025	10:36	LB135083
	Chromium	537	520	103	90 - 110	P	03/18/2025	10:36	LB135083
	Lead	1010	1000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Selenium	1050	1000	105	90 - 110	P	03/18/2025	10:36	LB135083
	Silver	260	250	104	90 - 110	P	03/18/2025	10:36	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	21.9	20.0	110	80 - 120	P	03/18/2025	10:41	LB135083
	Barium	95.4	100	95	80 - 120	P	03/18/2025	10:41	LB135083
	Cadmium	5.91	6.0	98	80 - 120	P	03/18/2025	10:41	LB135083
	Chromium	10.9	10.0	109	80 - 120	P	03/18/2025	10:41	LB135083
	Lead	10.9	12.0	91	80 - 120	P	03/18/2025	10:41	LB135083
	Selenium	18.4	20.0	92	80 - 120	P	03/18/2025	10:41	LB135083
	Silver	10.1	10.0	101	80 - 120	P	03/18/2025	10:41	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Barium	9530	10000	95	90 - 110	P	03/18/2025	11:09	LB135083
	Cadmium	2470	2500	99	90 - 110	P	03/18/2025	11:09	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	11:09	LB135083
	Lead	4990	5000	100	90 - 110	P	03/18/2025	11:09	LB135083
	Selenium	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Silver	1260	1250	101	90 - 110	P	03/18/2025	11:09	LB135083
CCV02	Arsenic	4890	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Barium	9170	10000	92	90 - 110	P	03/18/2025	12:08	LB135083
	Cadmium	2410	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	12:08	LB135083
	Lead	4880	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Selenium	4860	5000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	12:08	LB135083
CCV03	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Barium	9800	10000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Cadmium	2400	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	13:07	LB135083
	Lead	4850	5000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Selenium	4910	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	13:07	LB135083
CCV04	Arsenic	4770	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Barium	9510	10000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Cadmium	2310	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Chromium	981	1000	98	90 - 110	P	03/18/2025	14:07	LB135083
	Lead	4660	5000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Selenium	4760	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Silver	1190	1250	95	90 - 110	P	03/18/2025	14:07	LB135083
CCV05	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Barium	10800	10000	108	90 - 110	P	03/18/2025	14:49	LB135083
	Cadmium	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Chromium	1000	1000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Lead	4790	5000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Selenium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	03/18/2025	14:49	LB135083



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	19.6	20.0	98	40 - 160	P	03/17/2025	14:47	LB135063
	Barium	92.8	100	93	40 - 160	P	03/17/2025	14:47	LB135063
	Cadmium	5.88	6.0	98	40 - 160	P	03/17/2025	14:47	LB135063
	Chromium	10.3	10.0	103	40 - 160	P	03/17/2025	14:47	LB135063
	Lead	12.6	12.0	105	40 - 160	P	03/17/2025	14:47	LB135063
	Selenium	18.9	20.0	94	40 - 160	P	03/17/2025	14:47	LB135063
	Silver	10.3	10.0	103	40 - 160	P	03/17/2025	14:47	LB135063
CRA	Mercury	0.16	0.2	81	40 - 160	CV	03/18/2025	10:06	LB135064
CRI01	Arsenic	22.6	20.0	113	40 - 160	P	03/18/2025	10:49	LB135083
	Barium	94.4	100	94	40 - 160	P	03/18/2025	10:49	LB135083
	Cadmium	5.91	6.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Chromium	10.8	10.0	108	40 - 160	P	03/18/2025	10:49	LB135083
	Lead	11.3	12.0	94	40 - 160	P	03/18/2025	10:49	LB135083
	Selenium	16.6	20.0	83	40 - 160	P	03/18/2025	10:49	LB135083
	Silver	10.7	10.0	107	40 - 160	P	03/18/2025	10:49	LB135083



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1574				
Contract:	GENV01	Lab Code:	CHEM		Case No.:	Q1574	SAS No.:	Q1574		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB46	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	09:57	LB135064	

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB20	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	10:04	LB135064
CCB21	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	10:41	LB135064
CCB22	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	10:59	LB135064

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1574</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1574</u>	SAS No.: <u>Q1574</u>						
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	03/17/2025	14:43	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	14:43	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	14:43	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	14:43	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	14:43	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	14:43	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	14:43	LB135063

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental			SDG No.:	Q1574				
Contract:	GENV01	Lab Code:	CHEM	Case No.:	Q1574	SAS No.:	Q1574		
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	03/17/2025	15:27	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	15:27	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	15:27	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	15:27	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	15:27	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	15:27	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	15:27	LB135063
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	03/17/2025	16:17	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	16:17	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	16:17	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	16:17	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	16:17	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	16:17	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	16:17	LB135063
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	03/17/2025	17:09	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	17:09	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	17:09	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	17:09	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	17:09	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	17:09	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	17:09	LB135063
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	03/17/2025	17:55	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	17:55	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	17:55	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	17:55	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	17:55	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	17:55	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	17:55	LB135063
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	03/17/2025	18:22	LB135063
	Barium	100	+/-100	U	100	P	03/17/2025	18:22	LB135063
	Cadmium	6.00	+/-6.00	U	6.00	P	03/17/2025	18:22	LB135063
	Chromium	10.0	+/-10.0	U	10.0	P	03/17/2025	18:22	LB135063
	Lead	12.0	+/-12.0	U	12.0	P	03/17/2025	18:22	LB135063
	Selenium	20.0	+/-20.0	U	20.0	P	03/17/2025	18:22	LB135063
	Silver	10.0	+/-10.0	U	10.0	P	03/17/2025	18:22	LB135063

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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	03/18/2025	10:45	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	10:45	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	10:45	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1574</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1574</u>	SAS No.: <u>Q1574</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	11:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	11:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	12:17	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	12:17	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	13:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	13:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:20	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:20	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:53	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:53	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167133TB	WATER			Batch Number:	PB167166		Prep Date:	03/17/2025	
	Mercury	2.00	<2.00	U	2.00	CV	03/18/2025	10:48	LB135064
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167166BL	WATER			Batch Number:	PB167166		Prep Date:	03/17/2025	
	Mercury	0.20	<0.20	U	0.20	CV	03/18/2025	10:16	LB135064

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167133TB		WATER		Batch Number:	PB167161		Prep Date:	03/17/2025	
	Arsenic	100	<100	U	100	P	03/17/2025	16:56	LB135063
	Barium	500	<500	U	500	P	03/17/2025	16:56	LB135063
	Cadmium	30.0	<30.0	U	30.0	P	03/17/2025	16:56	LB135063
	Chromium	50.0	<50.0	U	50.0	P	03/17/2025	16:56	LB135063
	Lead	60.0	<60.0	U	60.0	P	03/17/2025	16:56	LB135063
	Selenium	100	<100	U	100	P	03/17/2025	16:56	LB135063
	Silver	50.0	<50.0	U	50.0	P	03/17/2025	16:56	LB135063
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167161BL		WATER		Batch Number:	PB167161		Prep Date:	03/17/2025	
	Arsenic	100	<100	U	100	P	03/17/2025	17:00	LB135063
	Barium	500	<500	U	500	P	03/17/2025	17:00	LB135063
	Cadmium	30.0	<30.0	U	30.0	P	03/17/2025	17:00	LB135063
	Chromium	50.0	<50.0	U	50.0	P	03/17/2025	17:00	LB135063
	Lead	60.0	<60.0	U	60.0	P	03/17/2025	17:00	LB135063
	Selenium	100	<100	U	100	P	03/17/2025	17:00	LB135063
	Silver	50.0	<50.0	U	50.0	P	03/17/2025	17:00	LB135063

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1574</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
ICS Source:	<u>EPA</u>	Case No.:	<u>Q1574</u>
		SAS No.:	<u>Q1574</u>
		Instrument ID:	<u>P4</u>

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	4.68			-20	20	03/17/2025	14:51	LB135063
	Barium	3.10	6.0	52	-94	106	03/17/2025	14:51	LB135063
	Cadmium	-4.02	1.0	402	-5	7	03/17/2025	14:51	LB135063
	Chromium	60.2	52.0	116	42	62	03/17/2025	14:51	LB135063
	Lead	7.22			-12	12	03/17/2025	14:51	LB135063
	Selenium	-0.91			-20	20	03/17/2025	14:51	LB135063
	Silver	-2.37			-10	10	03/17/2025	14:51	LB135063
ICSAB01	Arsenic	95.9	104	92	88.4	120	03/17/2025	15:02	LB135063
	Barium	491	537	91	437	637	03/17/2025	15:02	LB135063
	Cadmium	1030	972	106	826	1120	03/17/2025	15:02	LB135063
	Chromium	588	542	108	460	624	03/17/2025	15:02	LB135063
	Lead	58.7	49.0	120	37	61	03/17/2025	15:02	LB135063
	Selenium	57.1	46.0	124	26	66	03/17/2025	15:02	LB135063
	Silver	224	201	111	170	232	03/17/2025	15:02	LB135063
ICSA01	Arsenic	3.99			-20	20	03/18/2025	10:54	LB135083
	Barium	5.93	6.0	99	-94	106	03/18/2025	10:54	LB135083
	Cadmium	-4.36	1.0	436	-5	7	03/18/2025	10:54	LB135083
	Chromium	60.3	52.0	116	42	62	03/18/2025	10:54	LB135083
	Lead	5.17			-12	12	03/18/2025	10:54	LB135083
	Selenium	-12.3			-20	20	03/18/2025	10:54	LB135083
	Silver	-0.69			-10	10	03/18/2025	10:54	LB135083
ICSAB01	Arsenic	106	104	102	88.4	120	03/18/2025	11:04	LB135083
	Barium	452	537	84	437	637	03/18/2025	11:04	LB135083
	Cadmium	955	972	98	826	1120	03/18/2025	11:04	LB135083
	Chromium	555	542	102	460	624	03/18/2025	11:04	LB135083
	Lead	51.9	49.0	106	37	61	03/18/2025	11:04	LB135083
	Selenium	34.2	46.0	74	26	66	03/18/2025	11:04	LB135083
	Silver	211	201	105	170	232	03/18/2025	11:04	LB135083



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1574</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1574</u> sas no.: <u>Q1574</u>
matrix: <u>Water</u>	sample id: <u>Q1568-04</u>	client id: <u>JC-03-03132025MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1568-04MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4220		100	U	4000	106		P
Barium	ug/L	75 - 125	2690		1710		1000	98		P
Cadmium	ug/L	75 - 125	1000		2.07	J	1000	100		P
Chromium	ug/L	75 - 125	2130		50.0	U	2000	106		P
Lead	ug/L	75 - 125	4920		70.8		5000	97		P
Mercury	ug/L	82 - 119	39.4		2.00	U	40.0	98		CV
Selenium	ug/L	75 - 125	10200		100	U	10000	102		P
Silver	ug/L	75 - 125	396		50.0	U	380	104		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1574</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1574</u> sas no.: <u>Q1574</u>
matrix: <u>Water</u>	sample id: <u>Q1568-04</u>	client id: <u>JC-03-03132025MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1568-04MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4250		100	U	4000	106		P
Barium	ug/L	75 - 125	2680		1710		1000	97		P
Cadmium	ug/L	75 - 125	1010		2.07	J	1000	101		P
Chromium	ug/L	75 - 125	2150		50.0	U	2000	108		P
Lead	ug/L	75 - 125	4950		70.8		5000	98		P
Mercury	ug/L	82 - 119	38.9		2.00	U	40.0	97		CV
Selenium	ug/L	75 - 125	10300		100	U	10000	103		P
Silver	ug/L	75 - 125	400		50.0	U	380	105		P

Metals
- 5b -

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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: G Environmental **Level:** LOW **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Matrix: Water **Sample ID:** Q1568-04 **Client ID:** JC-03-03132025DUP
Percent Solids for Sample: NA **Duplicate ID** Q1568-04DUP **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	1710		1720		1		P
Cadmium	ug/L	20	2.07	J	2.25	J	8		P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	70.8		66.6		6		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: G Environmental **Level:** LOW **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Matrix: Water **Sample ID:** Q1568-04MS **Client ID:** JC-03-03132025MSD
Percent Solids for Sample: NA **Duplicate ID** Q1568-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4220		4250		1		P
Barium	ug/L	20	2690		2680		0		P
Cadmium	ug/L	20	1000		1010		1		P
Chromium	ug/L	20	2130		2150		1		P
Lead	ug/L	20	4920		4950		1		P
Mercury	ug/L	20	39.4		38.9		1		CV
Selenium	ug/L	20	10200		10300		1		P
Silver	ug/L	20	396		400		1		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167161BS							
Arsenic	ug/L	4000	3850		96	80 - 120	P
Barium	ug/L	1000	869		87	80 - 120	P
Cadmium	ug/L	1000	933		93	80 - 120	P
Chromium	ug/L	2000	2010		100	80 - 120	P
Lead	ug/L	5000	4670		93	80 - 120	P
Selenium	ug/L	10000	9550		96	80 - 120	P
Silver	ug/L	380	376		99	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167166BS Mercury	ug/L	4.0	4.60		115	82 - 119	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

JC-03-03132025L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM **Lb No.:** lb135063 **Lab Sample ID :** Q1568-04L **SDG No.:** Q1574

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	1710		1710	J	0		P
Cadmium	2.07	J	150	U	100.0		P
Chromium	50.0	U	250	U			P
Lead	70.8		300	U	100.0		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: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1574 **SAS No.:** Q1574

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167161							
PB167133TB	PB167133TB	MB	WATER	03/17/2025	5.0	25.0	
PB167161BL	PB167161BL	MB	WATER	03/17/2025	5.0	25.0	
PB167161BS	PB167161BS	LCS	WATER	03/17/2025	5.0	25.0	
Q1568-04DUP	JC-03-03132025DUP	DUP	WATER	03/17/2025	5.0	25.0	
Q1568-04MS	JC-03-03132025MS	MS	WATER	03/17/2025	5.0	25.0	
Q1568-04MSD	JC-03-03132025MSD	MSD	WATER	03/17/2025	5.0	25.0	
Q1574-02	WC1	SAM	WATER	03/17/2025	5.0	25.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1574 **SAS No.:** Q1574

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167166							
PB167133TB	PB167133TB	MB	WATER	03/17/2025	3.0	30.0	
PB167166BL	PB167166BL	MB	WATER	03/17/2025	30.0	30.0	
PB167166BS	PB167166BS	LCS	WATER	03/17/2025	30.0	30.0	
Q1568-04DUP	JC-03-03132025DUP	DUP	WATER	03/17/2025	3.0	30.0	
Q1568-04MS	JC-03-03132025MS	MS	WATER	03/17/2025	3.0	30.0	
Q1568-04MSD	JC-03-03132025MSD	MSD	WATER	03/17/2025	3.0	30.0	
Q1574-02	WC1	SAM	WATER	03/17/2025	3.0	30.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135063

Start date: 03/17/2025 **End date:** 03/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1405	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1414	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1418	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1422	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1427	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1431	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1438	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1443	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1447	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1451	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1515	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1527	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1613	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1617	Ag,As,Ba,Cd,Cr,Pb,Se
Q1568-04DUP	JC-03-03132025DUP	1	1635	Ag,As,Ba,Cd,Cr,Pb,Se
Q1568-04L	JC-03-03132025L	5	1639	Ag,As,Ba,Cd,Cr,Pb,Se
Q1568-04MS	JC-03-03132025MS	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
Q1568-04MSD	JC-03-03132025MSD	1	1647	Ag,As,Ba,Cd,Cr,Pb,Se
PB167133TB	PB167133TB	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
PB167161BL	PB167161BL	1	1700	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1705	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1709	Ag,As,Ba,Cd,Cr,Pb,Se
PB167161BS	PB167161BS	1	1713	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1751	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1755	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1818	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1822	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135064

Start date: 03/18/2025 **End date:** 03/18/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0934	HG
S0.2	S0.2	1	0936	HG
S2.5	S2.5	1	0939	HG
S5	S5	1	0941	HG
S7.5	S7.5	1	0949	HG
S10	S10	1	0952	HG
ICV46	ICV46	1	0955	HG
ICB46	ICB46	1	0957	HG
CCV20	CCV20	1	0959	HG
CCB20	CCB20	1	1004	HG
CRA	CRA	1	1006	HG
PB167166BL	PB167166BL	1	1016	HG
PB167166BS	PB167166BS	1	1018	HG
Q1568-04DUP	JC-03-03132025DUP	1	1023	HG
Q1568-04MS	JC-03-03132025MS	1	1025	HG
Q1568-04MSD	JC-03-03132025MSD	1	1027	HG
CCV21	CCV21	1	1035	HG
CCB21	CCB21	1	1041	HG
Q1574-02	WC1	1	1045	HG
PB167133TB	PB167133TB	1	1048	HG
Q1568-04L	JC-03-03132025L	5	1050	HG
CCV22	CCV22	1	1054	HG
CCB22	CCB22	1	1059	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135083

Start date: 03/18/2025 **End date:** 03/18/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1011	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1015	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1020	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1024	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1028	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1032	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1036	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1041	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1045	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1049	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1054	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1109	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1113	Ag,As,Ba,Cd,Cr,Pb,Se
Q1574-02	WC1	1	1145	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1208	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1217	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1307	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1313	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1407	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1420	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1449	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1453	Ag,As,Ba,Cd,Cr,Pb,Se



METAL RAW DATA

Sample Name: S0 Acquired: 3/17/2025 14:05:30 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	-.00010	-.00009	-.00028	.00028	.00051	.00023	.05454	-.00012
Stddev	.00002	.00011	.00012	.00015	.00011	.00009	.00156	.00017
%RSD	21.173	125.93	44.660	54.057	21.200	40.147	2.8632	144.94
#1	-.00012	.00001	-.00029	.00011	.00041	.00016	.05566	-.00022
#2	-.00010	-.00007	-.00040	.00038	.00062	.00020	.05276	.00008
#3	-.00008	-.00021	-.00015	.00036	.00049	.00033	.05521	-.00021
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	-.00010	.00079	.00003	.00008	-.00053	.00002	.00023	-.00016
Stddev	.00004	.00021	.00001	.00014	.00021	.00002	.00011	.00006
%RSD	41.401	26.447	40.104	176.51	38.534	71.406	46.696	33.681
#1	-.00014	.00058	.00002	.00011	-.00068	.00001	.00021	-.00019
#2	-.00006	.00079	.00004	.00020	-.00063	.00002	.00014	-.00020
#3	-.00010	.00100	.00002	-.00007	-.00030	.00004	.00035	-.00010
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	-.00027	-.00151	.00036	-.00006	.00690	-.00178	.00395	.00032
Stddev	.00031	.00005	.00008	.00012	.00102	.00021	.00013	.00010
%RSD	114.28	3.1061	21.512	182.99	14.733	11.832	3.3852	30.798
#1	.00004	-.00156	.00039	-.00020	.00577	-.00175	.00408	.00024
#2	-.00028	-.00147	.00041	.00003	.00773	-.00200	.00381	.00043
#3	-.00058	-.00151	.00027	-.00002	.00721	-.00158	.00398	.00028
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	.00024	.00219	.00020	-.00079	.00045	.00495	.00148	
Stddev	.00006	.00025	.00002	.00013	.00007	.00031	.00012	
%RSD	23.558	11.272	7.7162	16.034	15.247	6.2476	8.2646	
#1	.00030	.00194	.00021	-.00071	.00039	.00529	.00147	
#2	.00022	.00243	.00022	-.00073	.00053	.00468	.00137	
#3	.00020	.00220	.00019	-.00094	.00044	.00490	.00161	

Sample Name: S0 Acquired: 3/17/2025 14:05:30 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	3211.9	69756.	14148.	2198.6	4848.2
Stddev	3.7	292.	30.	8.2	1.4
%RSD	.11606	.41846	.21033	.37409	.02904
#1	3210.8	69676.	14117.	2199.3	4849.8
#2	3216.1	70080.	14177.	2206.5	4847.6
#3	3208.9	69513.	14150.	2190.1	4847.2

Sample Name: S1 Acquired: 3/17/2025 14:09:56 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	.00088	.00229	.00191	.00120	.00658	.00797	.26403	.02289
Stddev	.00006	.00009	.00017	.00017	.00012	.00037	.00405	.00024
%RSD	6.5208	3.9753	9.1342	13.803	1.8111	4.6157	1.5336	1.0435
#1	.00085	.00238	.00177	.00102	.00656	.00839	.26777	.02296
#2	.00084	.00229	.00186	.00134	.00671	.00772	.26460	.02309
#3	.00094	.00220	.00211	.00125	.00647	.00779	.25973	.02262
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	.01391	.11168	.00175	.02561	.01496	.00053	.01162	.02621
Stddev	.00013	.00024	.00003	.00037	.00019	.00003	.00219	.00017
%RSD	.91567	.21635	1.6873	1.4588	1.2431	6.1823	18.811	.65985
#1	.01380	.11195	.00174	.02546	.01493	.00056	.01056	.02633
#2	.01388	.11161	.00172	.02534	.01478	.00053	.01413	.02628
#3	.01405	.11149	.00178	.02604	.01515	.00049	.01017	.02601
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	.02366	.00109	.04328	.00502	.11020	.01289	.03471	.13258
Stddev	.00014	.00000	.00021	.00010	.00089	.00008	.00011	.00022
%RSD	.58602	.41821	.47511	2.0828	.80616	.61241	.31114	.16622
#1	.02363	.00109	.04304	.00514	.11092	.01297	.03479	.13268
#2	.02381	.00110	.04341	.00497	.11049	.01281	.03476	.13273
#3	.02353	.00109	.04338	.00496	.10921	.01289	.03459	.13233
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	.00471	.01668	.00226	-.00016	.00086	.02268	.14872	
Stddev	.00006	.00021	.00005	.00010	.00004	.00032	.00090	
%RSD	1.2953	1.2831	2.1532	65.184	5.2216	1.3939	.60396	
#1	.00472	.01661	.00222	-.00008	.00088	.02246	.14920	
#2	.00465	.01652	.00231	-.00012	.00081	.02255	.14928	
#3	.00477	.01692	.00225	-.00028	.00089	.02305	.14769	

Sample Name: S1 Acquired: 3/17/2025 14:09:56 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	3156.5	70395.	14241.	2180.6	4708.2
Stddev	7.1	51.	40.	4.3	11.1
%RSD	.22417	.07239	.28001	.19551	.23556
#1	3164.1	70361.	14195.	2179.4	4715.0
#2	3155.2	70370.	14259.	2177.0	4714.2
#3	3150.2	70454.	14268.	2185.3	4695.4

Sample Name: S2 Acquired: 3/17/2025 14:14:21 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	.03758	.04811	.14991	.03864	.09785	.11901	3.5096	.15306
Stddev	.00012	.00040	.00055	.00009	.00049	.00019	.0046	.00068
%RSD	.32381	.82591	.36653	.23609	.50335	.15708	.13094	.44382
#1	.03747	.04771	.15050	.03865	.09728	.11881	3.5068	.15252
#2	.03755	.04850	.14941	.03855	.09820	.11904	3.5070	.15285
#3	.03771	.04813	.14983	.03873	.09805	.11918	3.5149	.15383
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	.91799	.21968	.02806	.33914	.14096	.00432	.17641	.04799
Stddev	.00152	.00053	.00011	.00122	.00005	.00004	.00071	.00029
%RSD	.16507	.24020	.38241	.36050	.03780	1.0082	.40282	.60781
#1	.91663	.21933	.02805	.33845	.14093	.00434	.17563	.04778
#2	.91772	.21942	.02796	.33841	.14103	.00435	.17657	.04786
#3	.91962	.22028	.02817	.34055	.14094	.00427	.17703	.04832
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	.23710	.05261	.08863	.04900	1.0342	.02772	.25325	.52792
Stddev	.00053	.00013	.00041	.00019	.0041	.00016	.00164	.00157
%RSD	.22455	.25115	.46594	.39603	.39514	.58152	.64714	.29780
#1	.23675	.05272	.08899	.04879	1.0382	.02753	.25193	.52715
#2	.23683	.05246	.08872	.04904	1.0344	.02781	.25274	.52688
#3	.23771	.05264	.08818	.04918	1.0301	.02780	.25508	.52973
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	.08867	.29786	.00458	.02312	.01782	.71153	6.0645	
Stddev	.00030	.00110	.00005	.00013	.00016	.00120	.0044	
%RSD	.34100	.36933	1.0913	.57046	.87087	.16898	.07239	
#1	.08841	.29846	.00452	.02324	.01769	.71257	6.0602	
#2	.08861	.29659	.00459	.02313	.01778	.71022	6.0643	
#3	.08900	.29854	.00462	.02298	.01799	.71180	6.0689	

Sample Name: S2 Acquired: 3/17/2025 14:14:21 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	3138.0	67977.	14213.	2119.7	4645.3
Stddev	4.3	197.	79.	10.9	4.0
%RSD	.13762	.28948	.55414	.51573	.08524
#1	3142.9	67906.	14260.	2109.3	4649.7
#2	3136.3	68199.	14257.	2131.1	4642.0
#3	3134.8	67825.	14122.	2118.7	4644.2

Sample Name: S3 Acquired: 3/17/2025 14:18:30 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	.12034	.15085	.47461	.12208	.30790	.37483	10.817	.48345
Stddev	.00042	.00108	.00145	.00043	.00092	.00063	.141	.00204
%RSD	.34985	.71846	.30640	.35081	.29766	.16728	1.3005	.42195

#1	.12038	.15019	.47454	.12168	.30764	.37551	10.890	.48354
#2	.11991	.15027	.47319	.12202	.30715	.37427	10.655	.48137
#3	.12075	.15210	.47609	.12253	.30892	.37470	10.907	.48545

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	2.9246	.68055	.08794	1.0719	.43925	.01348	.54682	.15137
Stddev	.0073	.00228	.00041	.0031	.00157	.00006	.00193	.00052
%RSD	.25048	.33448	.46145	.28735	.35774	.45985	.35354	.34169

#1	2.9256	.67921	.08801	1.0708	.43860	.01355	.54760	.15178
#2	2.9168	.67926	.08751	1.0695	.43810	.01342	.54462	.15154
#3	2.9314	.68317	.08831	1.0753	.44104	.01347	.54824	.15079

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	.74975	.16688	.28057	.15454	3.2106	.09253	.79293	1.6403
Stddev	.00236	.00027	.00034	.00071	.0124	.00023	.00155	.0070
%RSD	.31507	.16099	.12109	.45700	.38573	.24562	.19548	.42666

#1	.74974	.16717	.28024	.15378	3.2190	.09242	.79320	1.6368
#2	.74739	.16665	.28056	.15466	3.2164	.09237	.79126	1.6357
#3	.75211	.16681	.28092	.15518	3.1964	.09279	.79432	1.6484

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	.28312	.92597	.01423	.07891	.05792	2.2385	18.658	
Stddev	.00113	.00283	.00005	.00028	.00015	.0035	.148	
%RSD	.39757	.30604	.31907	.34884	.26416	.15802	.79084	

#1	.28330	.92509	.01418	.07865	.05783	2.2378	18.808	
#2	.28191	.92369	.01427	.07887	.05783	2.2354	18.513	
#3	.28414	.92914	.01423	.07920	.05809	2.2424	18.653	

Sample Name: S3 Acquired: 3/17/2025 14:18:30 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	3049.7	66372.	13984.	2066.8	4400.7
Stddev	11.0	172.	41.	6.0	12.5
%RSD	.36024	.25956	.29535	.29176	.28417
#1	3054.0	66356.	13986.	2060.0	4402.5
#2	3057.9	66552.	14025.	2071.4	4412.2
#3	3037.2	66208.	13942.	2069.1	4387.4

Sample Name: S4 Acquired: 3/17/2025 14:22:50 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	.25075	.30006	.97026	.24365	.61610	.75975	21.365	.96365
Stddev	.00046	.00190	.00232	.00035	.00060	.00014	.229	.00319
%RSD	.18260	.63313	.23903	.14163	.09795	.01903	1.0740	.33114

#1	.25110	.29900	.96766	.24352	.61642	.75985	21.625	.96400
#2	.25023	.29892	.97102	.24338	.61648	.75982	21.278	.96665
#3	.25093	.30225	.97210	.24404	.61540	.75959	21.191	.96030

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	5.9081	1.3573	.17183	2.1561	.87106	.02555	1.0838	.30556
Stddev	.0071	.0034	.00051	.0030	.00102	.00004	.0040	.00053
%RSD	.12088	.25043	.29696	.13948	.11722	.15266	.36790	.17344

#1	5.8999	1.3569	.17144	2.1526	.87086	.02557	1.0841	.30506
#2	5.9114	1.3609	.17165	2.1579	.87015	.02550	1.0876	.30550
#3	5.9129	1.3542	.17241	2.1578	.87216	.02557	1.0797	.30611

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	1.4986	.32501	.54469	.31186	6.2174	.18107	1.6006	3.2588
Stddev	.0009	.00104	.00210	.00042	.0149	.00082	.0069	.0029
%RSD	.06114	.31908	.38626	.13480	.23983	.45484	.42767	.09011

#1	1.4975	.32383	.54454	.31224	6.2064	.18103	1.5974	3.2562
#2	1.4989	.32578	.54267	.31193	6.2344	.18026	1.6084	3.2582
#3	1.4993	.32541	.54687	.31141	6.2115	.18191	1.5958	3.2620

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	.56668	1.8443	.02868	.16149	.11730	4.5512	37.493	
Stddev	.00074	.0037	.00020	.00074	.00046	.0009	.209	
%RSD	.13074	.20149	.70557	.45797	.39432	.01997	.55790	

#1	.56587	1.8442	.02856	.16075	.11677	4.5522	37.490	
#2	.56733	1.8480	.02857	.16151	.11748	4.5510	37.285	
#3	.56684	1.8406	.02891	.16223	.11764	4.5504	37.704	

Sample Name: S4 Acquired: 3/17/2025 14:22:50 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	2988.4	67785.	13603.	2035.3	4250.3
Stddev	1.4	121.	45.	.7	4.1
%RSD	.04679	.17836	.33360	.03299	.09749
#1	2988.5	67892.	13619.	2034.5	4254.7
#2	2987.0	67809.	13552.	2035.8	4246.5
#3	2989.8	67653.	13639.	2035.5	4249.5

Sample Name: S5 Acquired: 3/17/2025 14:27:05 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	.51681	.60872	1.9607	.49798	1.2690	1.5610	43.659	1.9087
Stddev	.00085	.00218	.0006	.00202	.0046	.0022	.180	.0072
%RSD	.16455	.35786	.03142	.40519	.36286	.13767	.41186	.37645
#1	.51611	.60649	1.9603	.49646	1.2648	1.5590	43.845	1.9122
#2	.51657	.61084	1.9614	.49721	1.2683	1.5633	43.486	1.9135
#3	.51776	.60883	1.9603	.50027	1.2739	1.5606	43.646	1.9004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.999	2.7563	.34454	4.3762	1.7453	.05267	2.1741	.61961
Stddev	.013	.0044	.00083	.0041	.0040	.00020	.0050	.00284
%RSD	.10894	.15837	.24094	.09357	.23127	.37313	.23236	.45887
#1	12.008	2.7596	.34410	4.3787	1.7422	.05244	2.1792	.62208
#2	12.005	2.7580	.34550	4.3785	1.7438	.05277	2.1740	.62026
#3	11.984	2.7514	.34402	4.3715	1.7498	.05279	2.1691	.61650
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	3.0264	.66391	1.1701	.63606	12.570	.39217	3.1409	6.5420
Stddev	.0027	.00096	.0037	.00146	.045	.00099	.0053	.0149
%RSD	.08917	.14410	.31669	.22903	.36164	.25298	.16965	.22731
#1	3.0268	.66285	1.1660	.63573	12.607	.39109	3.1375	6.5283
#2	3.0288	.66415	1.1711	.63766	12.585	.39237	3.1470	6.5400
#3	3.0235	.66472	1.1732	.63480	12.519	.39304	3.1382	6.5578
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.1490	3.7673	.06064	.33662	.24807	9.3959	75.569	
Stddev	.0014	.0037	.00053	.00103	.00047	.0138	.301	
%RSD	.12626	.09896	.87427	.30507	.18764	.14681	.39812	
#1	1.1497	3.7641	.06018	.33779	.24785	9.3973	75.528	
#2	1.1500	3.7714	.06052	.33616	.24860	9.4090	75.291	
#3	1.1474	3.7664	.06122	.33590	.24775	9.3815	75.889	

Sample Name: S5 Acquired: 3/17/2025 14:27:05 Type: Cal
Method: NON EPA-6010-200.7(v2812) 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	2844.7	64310.	13350.	1919.5	3977.2
Stddev	.5	108.	24.	5.8	8.6
%RSD	.01862	.16763	.17786	.30427	.21731
#1	2845.3	64434.	13343.	1914.6	3969.5
#2	2844.3	64264.	13330.	1918.0	3975.5
#3	2844.5	64233.	13376.	1926.0	3986.5

Sample Name: ICV01 Acquired: 3/17/2025 14:31:24 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019236	1.041601	.9961180	1.048520	1.021386	2.516349	.5328627
Stddev	.003956	.008304	.0028703	.003846	.003600	.010402	.0015130
%RSD	.3881323	.7972132	.2881462	.3667911	.3524419	.4133657	.2839413
#1	1.015097	1.032865	.9942167	1.044172	1.018231	2.525857	.5345685
#2	1.019633	1.049392	.9994196	1.049911	1.020622	2.517950	.5316829
#3	1.022979	1.042547	.9947175	1.051477	1.025307	2.505239	.5323368
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5401404	.5035985	9.860088	.5292580	.5095053	.5278254	10.07578
Stddev	.0025433	.0004307	.043150	.0019773	.0008818	.0016465	.05640
%RSD	.4708528	.0855334	.4376242	.3735906	.1730782	.3119465	.5597677
#1	.5389973	.5037118	9.904838	.5315272	.5100179	.5274988	10.14053
#2	.5430546	.5039613	9.856685	.5283417	.5084871	.5263667	10.04939
#3	.5383691	.5031225	9.818739	.5279052	.5100110	.5296108	10.03740
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987306	5.836657	.5123473	.2568544	9.916461	.5193390	1.036309
Stddev	.0019781	.037690	.0005885	.0003597	.074762	.0026142	.002257
%RSD	.3966286	.6457527	.1148719	.1400503	.7539169	.5033610	.2178252
#1	.4979149	5.875079	.5129774	.2571994	9.993059	.5201689	1.033708
#2	.5009861	5.835150	.5118118	.2564815	9.843682	.5214374	1.037472
#3	.4972908	5.799743	.5122525	.2568823	9.912642	.5164106	1.037749
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777784	2.480019	2.386920	2.435351	2.458015	2.297730	2.369689
Stddev	.069104	.018392	.006901	.000040	.003346	.007904	.005856
%RSD	.7067460	.7416093	.2891023	.0016245	.1361369	.3439905	.2471355
#1	9.846661	2.468356	2.380465	2.435339	2.458999	2.305425	2.373081
#2	9.708456	2.501220	2.386101	2.435395	2.460760	2.298132	2.373059
#3	9.778235	2.470479	2.394193	2.435319	2.454288	2.289633	2.362927

Sample Name: ICV01 Acquired: 3/17/2025 14:31:24 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.489771	2.534620	2.545534
Stddev	.004195	.007454	.012240
%RSD	.1685022	.2940879	.4808554

#1	2.489202	2.543202	2.542611
#2	2.494222	2.530892	2.558971
#3	2.485889	2.529765	2.535019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.895	67319.80	14388.50	2012.775	4443.124
Stddev	6.063	243.82	82.54	5.279	3.660
%RSD	.2009109	.3621839	.5736375	.2622597	.0823831

#1	3020.741	67054.82	14398.87	2018.156	4439.699
#2	3022.011	67369.88	14301.26	2007.604	4446.982
#3	3010.932	67534.69	14465.35	2012.566	4442.691

Sample Name: LLICV01 Acquired: 3/17/2025 14:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193602	.0423945	.0123125	.0181550	.0498100	.0938276	.0935610
Stddev	.0017811	.0017424	.0007991	.0016970	.0002815	.0022267	.0005521
%RSD	9.199618	4.110071	6.490508	9.347473	.5651692	2.373179	.5901007

#1	.0173147	.0417194	.0130535	.0198971	.0498563	.0918663	.0929701
#2	.0205681	.0410906	.0124182	.0165069	.0495082	.0962482	.0940637
#3	.0201977	.0443734	.0114658	.0180609	.0500655	.0933685	.0936492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059336	.0058923	1.968595	.0103390	.0292555	.0220529	.0997752
Stddev	.0000820	.0000401	.025213	.0001669	.0000785	.0003349	.0041018
%RSD	1.381213	.6801739	1.280738	1.614243	.2682463	1.518654	4.111075

#1	.0058703	.0058476	1.940056	.0103936	.0291806	.0216734	.1003742
#2	.0060262	.0059249	1.977885	.0104717	.0293371	.0223071	.1035447
#3	.0059044	.0059045	1.987845	.0101516	.0292488	.0221782	.0954069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219192	2.088004	.0392849	.0105155	1.996998	.0392366	.0424947
Stddev	.0005491	.021770	.0003612	.0002031	.003687	.0011261	.0006282
%RSD	2.505228	1.042600	.9193576	1.931238	.1846395	2.869922	1.478285

#1	.0215623	2.064387	.0390585	.0107498	1.998999	.0379476	.0432155
#2	.0216439	2.107268	.0390949	.0104067	1.992743	.0397330	.0420639
#3	.0225516	2.092357	.0397014	.0103899	1.999253	.0400292	.0422047

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.963727	.0998598	.2058659	.0389840	.0384795	.3653105	.0174860
Stddev	.021861	.0003709	.0006611	.0006386	.0007450	.0079023	.0017730
%RSD	1.113247	.3714588	.3211341	1.638106	1.936087	2.163185	10.13972

#1	1.987231	.0996640	.2061568	.0384958	.0377120	.3644801	.0183639
#2	1.944002	.0996277	.2063317	.0387494	.0391997	.3578561	.0186489
#3	1.959948	.1002876	.2051092	.0397067	.0385268	.3735952	.0154453

Sample Name: LLICV01 Acquired: 3/17/2025 14:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0167485	.0185704	.0190471
Stddev	.0037377	.0000655	.0001351
%RSD	22.31677	.3526455	.7093173

#1	.0201305	.0185613	.0189208
#2	.0127354	.0185099	.0190309
#3	.0173797	.0186399	.0191896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.429	67001.95	14387.87	2024.069	4621.388
Stddev	6.972	62.50	134.84	12.053	11.382
%RSD	.2278772	.0932747	.9372016	.5954734	.2462889

#1	3064.073	66933.16	14543.36	2011.678	4633.291
#2	3051.413	67017.46	14317.18	2035.752	4610.611
#3	3062.802	67055.23	14303.07	2024.777	4620.262

Sample Name: ICB01 Acquired: 3/17/2025 14:43:08 Type: Unk
Method: NON EPA-6010-200.7(v2812) 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	.0004608	-.000242	.0001401	.0000986	-.001414	.0002400	-.001311
Stddev	.0012292	.001052	.0008546	.0002170	.000738	.0028488	.000824
%RSD	266.7224	434.1572	610.1206	220.1559	52.22835	1186.820	62.83746

#1	.0011200	.000015	.0010757	-.000150	-.000571	-.002066	-.000632
#2	-.000957	.000657	-.000056	.000250	-.001949	.003425	-.001074
#3	.001220	-.001399	-.000599	.000196	-.001721	-.000638	-.002227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	-.000038	-.003243	.0004413	.0000060	-.000080	-.002975
Stddev	.0000262	.000047	.000808	.0000763	.0002697	.000051	.003133
%RSD	44.55500	124.2533	24.92143	17.29690	4508.596	63.85093	105.3193

#1	.0000883	-.000011	-.002408	.0003741	.0000979	-.000074	-.005254
#2	.0000388	-.000010	-.003300	.0004256	-.000298	-.000033	-.004269
#3	.0000490	-.000092	-.004021	.0005243	.000218	-.000135	.000598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027318	.0060317	.0001672	.0002745	.0047133	.0011104	-.000777
Stddev	.0003643	.0098228	.0001164	.0001521	.0083942	.0003047	.000199
%RSD	13.33422	162.8523	69.63567	55.40105	178.0973	27.43941	25.56231

#1	.0025728	.0168087	.0002138	.0002196	.0130308	.0007750	-.000777
#2	.0031485	-.002419	.0000347	.0004464	.0048645	.0011864	-.000578
#3	.0024741	.003706	.0002531	.0001575	-.003756	.0013700	-.000975

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197993	-.006318	-.000383	.0003634	-.000547	-.004368	-.001932
Stddev	.0262336	.000453	.000122	.0004272	.000348	.004579	.002257
%RSD	132.4974	7.173746	31.77913	117.5579	63.70821	104.8255	116.8318

#1	-.009882	-.005795	-.000517	.0001478	-.000346	-.004106	-.000461
#2	.039879	-.006550	-.000355	.0000869	-.000345	.000074	-.004530
#3	.029401	-.006608	-.000278	.0008554	-.000949	-.009073	-.000804

Sample Name: ICB01 Acquired: 3/17/2025 14:43:08 Type: Unk
Method: NON EPA-6010-200.7(v2812) 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	-.007183	.0003177	-.000169
Stddev	.004037	.0005044	.000055
%RSD	56.19609	158.7799	32.72445
#1	-.004526	.0003234	-.000124
#2	-.005196	-.000190	-.000231
#3	-.011829	.000819	-.000152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3072.227	68683.66	13886.91	2043.921	4703.190
Stddev	5.448	141.42	106.85	9.423	8.522
%RSD	.1773440	.2058936	.7694270	.4610385	.1811856
#1	3072.485	68597.41	13958.99	2037.567	4700.943
#2	3077.542	68846.86	13937.59	2054.748	4712.610
#3	3066.654	68606.70	13764.15	2039.448	4696.017

Sample Name: CRI01 Acquired: 3/17/2025 14:47:28 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195854	.0432483	.0125851	.0188631	.0500873	.0984496
Stddev	.0033426	.0015388	.0005747	.0015352	.0004015	.0032095
%RSD	17.06685	3.558158	4.566876	8.138544	.8015242	3.260072

#1	.0179879	.0416778	.0119627	.0197090	.0505406	.1019827
#2	.0173413	.0447535	.0130958	.0197892	.0499445	.0976521
#3	.0234271	.0433136	.0126967	.0170910	.0497767	.0957140

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0928130	.0060233	.0058750	1.982229	.0102754	.0294599
Stddev	.0008942	.0000136	.0000236	.003334	.0003068	.0002633
%RSD	.9633851	.2253202	.4013701	.1681770	2.985593	.8936824

#1	.0937159	.0060382	.0058544	1.985477	.0104649	.0293156
#2	.0919279	.0060117	.0059007	1.982395	.0104399	.0293003
#3	.0927951	.0060199	.0058697	1.978816	.0099215	.0297638

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221699	.0982014	.0214728	2.105780	.0394178	.0102767
Stddev	.0004193	.0043814	.0003930	.026684	.0003086	.0002906
%RSD	1.891531	4.461600	1.830416	1.267181	.7828818	2.827693

#1	.0225797	.0955494	.0214247	2.136272	.0397546	.0099502
#2	.0217416	.0957961	.0211060	2.094371	.0391486	.0105072
#3	.0221884	.1032585	.0218876	2.086698	.0393503	.0103725

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003947	.0404824	.0428610	1.962960	.0934123	.2093619
Stddev	.015772	.0007962	.0005765	.014791	.0006505	.0005451
%RSD	.7870378	1.966755	1.345132	.7535005	.6963456	.2603683

#1	2.018239	.0412795	.0426963	1.975228	.0934570	.2098915
#2	2.006577	.0396871	.0423846	1.946535	.0927407	.2088025
#3	1.987026	.0404807	.0435019	1.967115	.0940393	.2093919

Sample Name: CRI01 Acquired: 3/17/2025 14:47:28 Type: Unk
Method: NON EPA-6010-200.7(v2812) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392835	.0382454	.3732099	.0162917	F .0129901	.0183196
Stddev	.0002884	.0007207	.0086261	.0021387	.0037073	.0005820
%RSD	.7341243	1.884424	2.311326	13.12758	28.53993	3.177187
#1	.0391975	.0390233	.3695182	.0154706	.0113023	.0186287
#2	.0390479	.0376004	.3830675	.0146852	.0104269	.0176482
#3	.0396051	.0381126	.3670441	.0187192	.0172410	.0186819

Elem	Sr4077
Units	ppm
Avg	.0188707
Stddev	.0000520
%RSD	.2754591
#1	.0189291
#2	.0188295
#3	.0188535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.089	65618.90	14102.75	1971.622	4608.689
Stddev	10.984	314.41	9.04	3.179	12.767
%RSD	.3633535	.4791382	.0641193	.1612547	.2770118
#1	3018.485	65467.16	14098.86	1971.393	4609.675
#2	3035.626	65409.15	14096.30	1974.910	4620.934
#3	3015.156	65980.40	14113.08	1968.564	4595.458

Sample Name: ICSA01 Acquired: 3/17/2025 14:51:45 Type: Unk
Method: NON EPA-6010-200.7(v2812) 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	.0046773	.0093307	.0072153	-.000908	-.002923	252.0006
Stddev	.0018602	.0013460	.0005636	.004769	.004435	.9912
%RSD	39.77155	14.42600	7.810442	525.2539	151.7217	.3933397

#1	.0063744	.0098782	.0078309	.000479	-.007506	250.9191
#2	.0026884	.0103167	.0070902	.003014	.001348	252.2169
#3	.0049692	.0077972	.0067248	-.006217	-.002611	252.8658

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031008	.0013049	-.004015	236.6739	.0602497	.0016748
Stddev	.0004845	.0000173	.000047	1.3682	.0008791	.0001665
%RSD	15.62558	1.323796	1.162263	.5781108	1.459174	9.939178

#1	.0033027	.0013049	-.004068	235.7662	.0598667	.0018251
#2	.0034518	.0012876	-.004000	236.0078	.0612553	.0014959
#3	.0025480	.0013222	-.003978	238.2476	.0596269	.0017035

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174617	101.1857	.0106704	255.8123	.0022047	-.002374
Stddev	.0001412	.3894	.0004473	1.2754	.0003294	.000442
%RSD	.8087300	.3848331	4.191881	.4985662	14.93880	18.61133

#1	.0174250	101.1426	.0101593	254.8271	.0019184	-.002086
#2	.0173426	101.5948	.0108616	255.3570	.0025647	-.002153
#3	.0176177	100.8196	.0109903	257.2529	.0021311	-.002882

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544933	.0041047	.0035465	-.004639	F -.242807	-.000175
Stddev	.0036921	.0020401	.0003850	.005395	.002392	.000471
%RSD	6.775244	49.70204	10.85580	116.2916	.9849814	268.5073

#1	.0557610	.0060645	.0035411	.001028	-.240164	.000348
#2	.0503344	.0019928	.0031643	-.005233	-.243437	-.000308
#3	.0573844	.0042569	.0039343	-.009712	-.244821	-.000565

Sample Name: ICSA01 Acquired: 3/17/2025 14:51:45 Type: Unk
Method: NON EPA-6010-200.7(v2812) 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	-.005420	-.001279	.0191619	-.000344	-.018380	.0034174
Stddev	.000987	.000898	.0100381	.003189	.001419	.0013367
%RSD	18.21216	70.18365	52.38580	926.3416	7.719331	39.11453
#1	-.004291	-.002199	.0186746	.001939	-.018740	.0047351
#2	-.006119	-.000405	.0294348	.001017	-.016816	.0034546
#3	-.005850	-.001234	.0093763	-.003989	-.019584	.0020625

Elem	Sr4077
Units	ppm
Avg	.0067658
Stddev	.0007624
%RSD	11.26889
#1	.0061092
#2	.0065862
#3	.0076020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.292	59468.99	13609.46	1758.543	3718.338
Stddev	6.348	275.46	60.86	3.795	4.787
%RSD	.2369125	.4631990	.4471841	.2158161	.1287504
#1	2684.671	59390.52	13637.67	1756.622	3719.788
#2	2680.913	59241.28	13651.09	1756.093	3722.234
#3	2672.291	59775.17	13539.61	1762.915	3712.994

Sample Name: ICSAB01 Acquired: 3/17/2025 15:02:33 Type: Unk
Method: NON EPA-6010-200.7(v2813) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958745	.1076010	.0587479	.0570729	.6436191	251.8046
Stddev	.0056717	.0015011	.0012885	.0082495	.0073025	2.0093
%RSD	5.915765	1.395077	2.193321	14.45426	1.134605	.7979645

#1	.0953411	.1088726	.0572607	.0503227	.6361117	251.7212
#2	.0904884	.1079854	.0594552	.0662686	.6506978	249.8382
#3	.1017941	.1059451	.0595279	.0546274	.6440479	253.8543

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4906402	.5090419	1.030986	235.0335	.5883500	.5245709
Stddev	.0024275	.0021328	.009063	.9033	.0014116	.0037691
%RSD	.4947664	.4189919	.8790992	.3843295	.2399204	.7185136

#1	.4917291	.5098409	1.023148	236.0475	.5875219	.5208391
#2	.4923326	.5066249	1.028898	234.7380	.5899798	.5244973
#3	.4878588	.5106598	1.040911	234.3149	.5875482	.5283762

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5343724	100.2752	.4920205	254.2775	1.033028	.2236018
Stddev	.0034823	.7629	.0022909	.7519	.008745	.0006844
%RSD	.6516560	.7607760	.4656140	.2956842	.8465259	.3060593

#1	.5304033	100.1222	.4943185	255.1163	1.024550	.2234752
#2	.5357994	101.1030	.4920061	253.6641	1.032517	.2243407
#3	.5369145	99.6004	.4897368	254.0523	1.042017	.2229897

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404971	.4883362	.8266638	-.021146	F .7902197	1.130620
Stddev	.0036239	.0016465	.0041678	.009979	.0048253	.008804
%RSD	8.948652	.3371727	.5041749	47.19346	.6106228	.7787251

#1	.0364090	.4870389	.8244875	-.011439	.7883846	1.120743
#2	.0433149	.4901885	.8314693	-.020621	.7865812	1.133471
#3	.0417674	.4877811	.8240346	-.031377	.7956933	1.137646

Sample Name: ICSAB01 Acquired: 3/17/2025 15:02:33 Type: Unk
Method: NON EPA-6010-200.7(v2813) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.116529	1.047423	1.002623	F .0030435	F -.023301	F .0034404
Stddev	.011242	.003125	.014696	.0027213	.002485	.0007134
%RSD	1.006838	.2983931	1.465737	89.41273	10.66272	20.73627
#1	1.106539	1.048815	.992855	.0001095	-.025009	.0040818
#2	1.114346	1.049610	1.019524	.0054847	-.020451	.0035674
#3	1.128702	1.043843	.995491	.0035363	-.024443	.0026720

Elem	Sr4077
Units	ppm
Avg	F .0074663
Stddev	.0003160
%RSD	4.232123
#1	.0077263
#2	.0071147
#3	.0075580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.834	59507.41	13495.46	1780.612	3671.318
Stddev	18.697	139.56	78.75	10.984	23.476
%RSD	.7069334	.2345261	.5835570	.6168518	.6394516
#1	2666.228	59522.58	13423.77	1777.450	3692.595
#2	2636.645	59360.89	13579.75	1771.556	3675.228
#3	2631.628	59638.77	13482.85	1792.830	3646.133

Sample Name: ICSADLX20 Acquired: 3/17/2025 15:06:56 Type: Unk
Method: NON EPA-6010-200.7(v2814) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	-.000142	.0001237	-.002381	-.000541	12.42514	-.001355
Stddev	.000678	.001663	.0005144	.004731	.000770	.07940	.000772
%RSD	553.3331	1172.750	415.9083	198.7026	142.3986	.6390095	56.98829

#1	.000597	-.001282	-.000322	.001910	.000330	12.38223	-.001746
#2	-.000750	.001767	.000687	-.007454	-.000819	12.51676	-.000465
#3	-.000215	-.000910	.000006	-.001598	-.001133	12.37643	-.001853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001567	-.000271	12.15389	.0028032	.0000442	.0008317	5.040576
Stddev	.0000154	.000032	.06378	.0003013	.0003703	.0002729	.057891
%RSD	9.861383	11.95952	.5247981	10.74760	838.7092	32.81516	1.148502

#1	.0001429	-.000308	12.11518	.0024979	.0002835	.0005212	4.999316
#2	.0001734	-.000256	12.22751	.0031003	-.000382	.0009402	5.015658
#3	.0001538	-.000248	12.11898	.0028115	.000231	.0010337	5.106754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000437	12.65924	.0002960	-.000268	-.009287	.0004619	-.000461
Stddev	.0002301	.11566	.0003686	.000229	.007186	.0009351	.000163
%RSD	526.1584	.9136114	124.5421	85.51287	77.37815	202.4425	35.37678

#1	.0002776	12.62438	.0007144	-.000462	-.006613	-.000617	-.000290
#2	.0000361	12.78832	.0000192	-.000325	-.017427	.000966	-.000479
#3	-.000182	12.56503	.0001543	-.000016	-.003821	.001037	-.000614

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028533	-.019802	-.000397	-.002153	.0000386	-.001026	-.005242
Stddev	.025330	.000575	.000210	.001223	.0007884	.005528	.002145
%RSD	88.77254	2.903527	52.81716	56.80696	2042.434	538.6422	40.92088

#1	-.015159	-.019199	-.000302	-.003026	.0009371	.001800	-.007064
#2	-.012694	-.019864	-.000253	-.000755	-.000537	-.007396	-.002878
#3	-.057747	-.020344	-.000638	-.002678	-.000284	.002517	-.005784

Sample Name: ICSADLX20 Acquired: 3/17/2025 15:06:56 Type: Unk
Method: NON EPA-6010-200.7(v2814) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006698	.0000877	.0002859
Stddev	.000588	.0015574	.0001275
%RSD	8.782537	1775.663	44.60707
#1	-.007372	-.000425	.0004079
#2	-.006439	.001837	.0002963
#3	-.006284	-.001149	.0001535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.552	64308.84	13701.03	1930.101	4438.259
Stddev	4.641	244.89	131.12	10.025	8.220
%RSD	.1569795	.3808040	.9569881	.5194193	.1852097
#1	2961.911	64458.40	13730.18	1924.560	4447.691
#2	2953.812	64441.88	13557.80	1941.674	4432.623
#3	2953.934	64026.22	13815.13	1924.070	4434.463

Sample Name: ICSABDLX20 Acquired: 3/17/2025 15:11:12 Type: Unk
Method: NON EPA-6010-200.7(v2814) 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	.0044676	.0049769	.0032801	.0008020	.0302901	12.65003	.0222837
Stddev	.0015069	.0009279	.0004720	.0027696	.0018365	.04289	.0002323
%RSD	33.73034	18.64378	14.39078	345.3402	6.062894	.3390464	1.042646
#1	.0056090	.0043235	.0028205	-.001310	.0289661	12.69573	.0222180
#2	.0050343	.0060390	.0037637	-.000221	.0295176	12.61065	.0220912
#3	.0027595	.0045683	.0032560	.003938	.0323866	12.64370	.0225418
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262839	.0509696	12.42278	.0300545	.0254253	.0277912	5.181773
Stddev	.0001295	.0003072	.02180	.0002632	.0002084	.0004255	.036594
%RSD	.4927294	.6026122	.1755033	.8759144	.8194685	1.531152	.7062147
#1	.0262512	.0509199	12.43494	.0298471	.0254986	.0278901	5.149453
#2	.0264266	.0506904	12.39761	.0299656	.0251902	.0273249	5.174359
#3	.0261739	.0512986	12.43578	.0303506	.0255871	.0281585	5.221507
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249703	12.80979	.0509876	.0110639	.0021269	.0263791	.0551877
Stddev	.0001313	.06335	.0000382	.0001609	.0083631	.0016698	.0004047
%RSD	.5259449	.4945245	.0748676	1.454310	393.2095	6.330187	.7332611
#1	.0249266	12.88293	.0510216	.0111084	-.004257	.0266453	.0548439
#2	.0248664	12.77394	.0509463	.0108854	.011594	.0245921	.0556337
#3	.0251179	12.77250	.0509950	.0111979	-.000956	.0278998	.0550855
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013459	.0339515	.0592909	.0535855	.0556763	.0494484	.0441336
Stddev	.029840	.0009440	.0001294	.0012022	.0003577	.0033396	.0016228
%RSD	221.7094	2.780406	.2181613	2.243554	.6424343	6.753616	3.677144
#1	-.046879	.0345411	.0593550	.0542034	.0560174	.0512974	.0442634
#2	.010513	.0344507	.0591420	.0543531	.0553040	.0455933	.0424497
#3	-.004011	.0328627	.0593757	.0522000	.0557075	.0514545	.0456876

Sample Name: ICSABDLX20 Acquired: 3/17/2025 15:11:12 Type: Unk
Method: NON EPA-6010-200.7(v2814) 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	.0364524	.0479219	.0499649
Stddev	.0034387	.0006815	.0002192
%RSD	9.433255	1.422032	.4388141
#1	.0372012	.0481064	.0497865
#2	.0394550	.0484920	.0502097
#3	.0327011	.0471671	.0498985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.611	64047.08	13923.55	1908.037	4479.741
Stddev	9.739	300.98	38.91	4.229	16.639
%RSD	.3281852	.4699321	.2794200	.2216239	.3714382
#1	2966.966	64149.96	13881.60	1911.355	4474.115
#2	2977.656	64283.13	13930.62	1903.276	4498.464
#3	2958.210	63708.15	13958.44	1909.482	4466.643

Sample Name: CCV01 Acquired: 3/17/2025 15:15:26 Type: Unk
Method: NON EPA-6010-200.7(v2814) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.157549	5.181448	5.077651	5.081963	5.171260	10.04655
Stddev	.018928	.039302	.012810	.029452	.017354	.06864
%RSD	.3669912	.7585177	.2522860	.5795484	.3355845	.6832246
#1	5.176372	5.200340	5.091673	5.104472	5.187094	10.03568
#2	5.138518	5.136267	5.066560	5.048630	5.152707	10.11998
#3	5.157757	5.207736	5.074721	5.092787	5.173979	9.98399
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.738619	.2498986	2.509248	24.71156	1.028685	2.495564
Stddev	.053895	.0006922	.006829	.14886	.007689	.006904
%RSD	.5534203	.2769836	.2721379	.6023989	.7474572	.2766496
#1	9.780111	.2493764	2.516520	24.64468	1.036866	2.503407
#2	9.758041	.2506837	2.502971	24.88213	1.021606	2.490407
#3	9.677704	.2496357	2.508254	24.60786	1.027584	2.492878
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.274095	5.184813	2.410198	24.72867	2.487137	1.305660
Stddev	.004364	.022612	.010481	.04355	.006913	.006040
%RSD	.3424979	.4361277	.4348511	.1760915	.2779615	.4625711
#1	1.278447	5.205975	2.408346	24.70453	2.494994	1.311308
#2	1.269719	5.160987	2.421480	24.77894	2.481986	1.299293
#3	1.274119	5.187476	2.400766	24.70255	2.484430	1.306379
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.24712	2.499521	2.622478	25.71103	4.978018	5.164828
Stddev	.14187	.013391	.001658	.14773	.018343	.018094
%RSD	.5405010	.5357304	.0632182	.5745929	.3684765	.3503342
#1	26.41092	2.498149	2.624392	25.87572	4.960167	5.183104
#2	26.16704	2.513545	2.621522	25.66720	4.996816	5.146921
#3	26.16339	2.486869	2.621519	25.59017	4.977071	5.164460

Sample Name: CCV01 Acquired: 3/17/2025 15:15:26 Type: Unk
Method: NON EPA-6010-200.7(v2814) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049536	4.945198	F 5.355460	5.083222	4.940431	4.834117
Stddev	.012408	.024171	.024232	.016669	.003802	.022861
%RSD	.2457240	.4887824	.4524790	.3279153	.0769482	.4729185
#1	5.058818	4.937227	5.380308	5.101625	4.937825	4.828760
#2	5.035443	4.972347	5.354177	5.069137	4.938674	4.859181
#3	5.054347	4.926018	5.331894	5.078905	4.944793	4.814409

Elem	Sr4077
Units	ppm
Avg	4.909053
Stddev	.027163
%RSD	.5533249
#1	4.900262
#2	4.939522
#3	4.887373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.563	62007.26	13560.75	1844.407	4171.318
Stddev	8.307	404.05	27.33	6.166	10.310
%RSD	.2876835	.6516116	.2015026	.3343292	.2471586
#1	2878.047	61660.13	13588.58	1837.330	4159.466
#2	2893.366	62450.78	13533.96	1848.625	4176.275
#3	2891.276	61910.86	13559.71	1847.266	4178.213

Sample Name: CCB01 Acquired: 3/17/2025 15:27:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000566	.0009542	.0006668	.0000751	-.000647	-.007171	-.002021
Stddev	.001281	.0011763	.0013643	.0008617	.001563	.003923	.000433
%RSD	226.1552	123.2788	204.5938	1147.715	241.4260	54.69975	21.44431

#1	-.001669	-.000383	.0006829	.0005422	-.000679	-.011637	-.001533
#2	-.000869	.001418	-.000705	.0006024	.000931	-.004281	-.002361
#3	.000839	.001828	.002023	-.000919	-.002194	-.005597	-.002168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000124	.0000617	-.004585	.0002779	.0000956	-.000424	.0006605
Stddev	.0000357	.0000257	.001421	.0000221	.0000807	.000216	.0009428
%RSD	287.5177	41.69830	31.00068	7.964036	84.41958	50.86355	142.7361

#1	.0000436	.0000898	-.004068	.0002528	.0000507	-.000305	.0015607
#2	-.000027	.0000559	-.006193	.0002865	.0001888	-.000295	.0007407
#3	.000020	.0000393	-.003495	.0002945	.0000474	-.000674	-.000320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000522	.0110496	.0002235	.0000623	.0113292	-.000068	-.000890
Stddev	.000224	.0027723	.0001837	.0003478	.0077821	.000386	.000327
%RSD	43.02376	25.08917	82.18859	558.3969	68.69111	566.6878	36.73268

#1	-.000325	.0088063	.0000133	-.000334	.0200621	.000212	-.000915
#2	-.000474	.0141489	.0003534	.000319	.0051287	.000092	-.000552
#3	-.000766	.0101935	.0003037	.000202	.0087967	-.000509	-.001204

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071292	.0094400	-.000009	-.000414	.0001517	.0065355	-.001725
Stddev	.0216744	.0009945	.000103	.000364	.0003223	.0017826	.001043
%RSD	304.0220	10.53515	1182.403	87.71685	212.5240	27.27592	60.46193

#1	.0275106	.0104225	-.000033	-.000099	.0000817	.0044771	-.000535
#2	.0095175	.0084338	-.000097	-.000333	.0005032	.0075700	-.002162
#3	-.015640	.0094637	.000104	-.000812	-.000130	.0075594	-.002478

Sample Name: CCB01 Acquired: 3/17/2025 15:27:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.009484	.0004707	.0000267
Stddev	.001885	.0004301	.0002540
%RSD	19.87958	91.36141	952.3735

#1	-.011660	.0006806	.0003197
#2	-.008461	-.000024	-.000109
#3	-.008332	.000756	-.000131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.423	65447.58	14207.72	1946.777	4648.710
Stddev	28.921	437.83	47.08	21.074	37.579
%RSD	.9626001	.6689825	.3313548	1.082511	.8083769

#1	3020.299	65530.07	14238.58	1942.026	4670.203
#2	3021.928	64974.38	14231.05	1928.484	4670.609
#3	2971.041	65838.31	14153.53	1969.821	4605.318

Sample Name: PB167007BL Acquired: 3/17/2025 15:31:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.001093	-.000052	.0006046	.0005120	-.001007	-.003217	-.003802
Stddev	.000913	.000521	.0013076	.0012028	.002266	.003535	.000794
%RSD	83.52016	998.2541	216.2812	234.9349	225.0834	109.8675	20.86914
#1	-.001102	.000485	-.000422	.0018800	.000239	-.005885	-.002886
#2	-.000176	-.000556	.002077	-.000379	-.003623	.000792	-.004270
#3	-.002003	-.000087	.000159	.000035	.000363	-.004560	-.004251
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000029	-.000059	-.001595	.0001972	.0000110	-.000089	-.005848
Stddev	.0000408	.000040	.005790	.0002405	.0002804	.000390	.004762
%RSD	1402.477	68.79300	363.0516	121.9788	2543.195	438.3021	81.42382
#1	.0000496	-.000095	-.006279	.0003194	-.000109	.000361	-.000358
#2	-.000026	-.000015	-.003385	.0003520	.000332	-.000332	-.008335
#3	-.000014	-.000066	.004879	-.000080	-.000189	-.000295	-.008852
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020910	-.006004	.0001191	.0002654	.0060494	.0008434	-.000715
Stddev	.0003173	.012353	.0001614	.0003043	.0040384	.0003608	.000427
%RSD	15.17374	205.7522	135.4809	114.6252	66.75786	42.77707	59.74765
#1	.0018340	-.019951	-.000039	.0005973	.0040681	.0010482	-.001186
#2	.0024456	.003558	.000284	.0001994	.0106958	.0004268	-.000602
#3	.0019932	-.001618	.000112	-.000000	.0033842	.0010552	-.000355
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005630	-.002219	-.000326	.0001166	-.000238	-.002677	-.000609
Stddev	.026994	.000404	.000176	.0003446	.000684	.004569	.001281
%RSD	479.4797	18.22056	54.05954	295.5621	286.8257	170.6862	210.4798
#1	-.003055	-.001768	-.000517	-.000025	-.000951	-.007422	.000860
#2	.019984	-.002340	-.000170	.000510	-.000178	.001692	-.001194
#3	-.033820	-.002549	-.000291	-.000134	.000413	-.002300	-.001493

Sample Name: PB167007BL Acquired: 3/17/2025 15:31:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.008175	-.000025	-.000132
Stddev	.001829	.000798	.000057
%RSD	22.37470	3185.247	43.12392

#1	-.008497	-.000265	-.000197
#2	-.009821	.000865	-.000100
#3	-.006206	-.000675	-.000098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.585	65653.39	14368.94	1939.509	4650.417
Stddev	11.458	459.54	223.28	15.423	15.186
%RSD	.3830186	.6999507	1.553936	.7952140	.3265566

#1	2985.875	65854.82	14226.42	1946.599	4644.899
#2	3004.776	65977.82	14626.27	1950.113	4667.591
#3	2984.104	65127.53	14254.13	1921.816	4638.761

Sample Name: PB167007BS Acquired: 3/17/2025 15:35:47 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7955097	1.994040	.9634608	1.990686	.8170772	1.927447
Stddev	.0038330	.022183	.0037556	.006315	.0021884	.025710
%RSD	.4818318	1.112463	.3898035	.3172185	.2678368	1.333890
#1	.7917751	1.969837	.9594860	1.983574	.8182524	1.928408
#2	.7953199	1.998878	.9639465	1.995635	.8184270	1.901270
#3	.7994341	2.013405	.9669499	1.992849	.8145522	1.952663
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1817864	.1950441	.1929580	.9874526	.4128908	.1940582
Stddev	.0032513	.0028522	.0009572	.0252879	.0009466	.0006883
%RSD	1.788527	1.462340	.4960813	2.560918	.2292500	.3547092
#1	.1803511	.1938596	.1919315	.9878509	.4123597	.1933647
#2	.1794998	.1929750	.1931164	.9619679	.4139837	.1940687
#3	.1855084	.1982977	.1938262	1.012539	.4123291	.1947413
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3124384	3.014304	.1919998	1.896670	.4876901	.0773792
Stddev	.0014638	.002351	.0034578	.040709	.0024047	.0004061
%RSD	.4684983	.0779993	1.800942	2.146363	.4930850	.5248823
#1	.3109983	3.015868	.1908314	1.889824	.4849669	.0776779
#2	.3123920	3.015443	.1892776	1.859818	.4885818	.0775430
#3	.3139248	3.011600	.1958904	1.940369	.4895216	.0769168
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991308	.2895074	.2105290	9.545891	.2768429	.4075611
Stddev	.001829	.0036497	.0008840	.038067	.0031790	.0016591
%RSD	.0611365	1.260648	.4198985	.3987738	1.148317	.4070725
#1	2.993418	.2873582	.2104912	9.536176	.2748975	.4056494
#2	2.990190	.2874425	.2114312	9.587873	.2751198	.4084094
#3	2.990315	.2937213	.2096644	9.513623	.2805115	.4086244

Sample Name: PB167007BS Acquired: 3/17/2025 15:35:47 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6824171	.1904135	.8051623	5.850168	F -.017809	.1906246
Stddev	.0021492	.0037295	.0053828	.022362	.002296	.0032023
%RSD	.3149426	1.958649	.6685294	.3822489	12.89325	1.679901
#1	.6801301	.1891162	.8038725	5.825325	-.015233	.1893298
#2	.6827260	.1875058	.8005416	5.856494	-.019643	.1882725
#3	.6843951	.1946184	.8110727	5.868686	-.018550	.1942716

Elem	Sr4077
Units	ppm
Avg	.1848373
Stddev	.0029139
%RSD	1.576484
#1	.1842067
#2	.1822904
#3	.1880149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.877	64304.56	13975.46	1925.641	4435.241
Stddev	4.319	53.49	235.60	.432	8.874
%RSD	.1467012	.0831782	1.685845	.0224400	.2000796
#1	2948.860	64250.44	14042.69	1925.698	4444.672
#2	2941.554	64357.39	14170.15	1926.042	4433.997
#3	2941.218	64305.84	13713.55	1925.183	4427.056

Sample Name: PB167119BL Acquired: 3/17/2025 15:39:49 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000018	-.000353	.0000740	-.001917	-.000298	.0000401	-.002340
Stddev	.001905	.000107	.0010941	.001247	.001669	.0020169	.000123
%RSD	10478.95	30.28260	1477.450	65.06899	559.5281	5027.748	5.249966

#1	.002180	-.000349	-.000085	-.003236	.001626	-.002121	-.002270
#2	-.001173	-.000248	-.000932	-.001759	-.001348	.000369	-.002268
#3	-.001062	-.000462	.001239	-.000756	-.001173	.001872	-.002482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000327	.0000036	.0014083	.0001428	.0000592	-.000053	-.000423
Stddev	.0000305	.0000370	.0011474	.0002530	.0001686	.000196	.003813
%RSD	93.42548	1029.235	81.46937	177.1903	284.9212	370.2656	900.8940

#1	-.000003	-.000039	.0022144	.0000892	-.000120	-.000077	.003873
#2	.000052	.000030	.0000947	-.000079	.000082	-.000236	-.003404
#3	.000049	.000019	.0019158	.000418	.000215	.000154	-.001739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025655	.0016016	.0001592	.0003859	.0083835	.0007242	-.000662
Stddev	.0004145	.0051409	.0000935	.0000703	.0099224	.0011716	.000236
%RSD	16.15618	320.9778	58.73039	18.20989	118.3568	161.7804	35.64266

#1	.0025392	-.003594	.0001974	.0003318	-.001160	-.000146	-.000432
#2	.0029925	.006686	.0000527	.0003605	.018645	.000262	-.000903
#3	.0021647	.001713	.0002277	.0004653	.007665	.002056	-.000651

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313822	-.006502	-.000254	.0000650	.0005825	-.002199	-.001527
Stddev	.0104652	.000455	.000134	.0002145	.0004082	.003291	.001852
%RSD	33.34758	6.991695	52.76325	329.7474	70.07528	149.6635	121.2885

#1	.0320723	-.006207	-.000238	.0002963	.0009742	-.005426	-.000376
#2	.0414852	-.006273	-.000395	-.000127	.0006138	-.002324	-.000542
#3	.0205890	-.007025	-.000128	.000026	.0001596	.001153	-.003664

Sample Name: PB167119BL Acquired: 3/17/2025 15:39:49 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.007408	.0001388	-.000192
Stddev	.001755	.0002034	.000048
%RSD	23.69354	146.4990	25.12002

#1	-.005621	-.000069	-.000137
#2	-.009130	.000337	-.000225
#3	-.007472	.000148	-.000215

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.117	64784.01	14011.13	1928.763	4639.837
Stddev	14.655	1597.16	114.24	36.007	19.380
%RSD	.4878217	2.465355	.8153250	1.866846	.4176776

#1	3006.431	65787.59	13880.23	1942.863	4643.842
#2	3017.478	65622.19	14062.48	1955.587	4656.902
#3	2988.444	62942.25	14090.68	1887.840	4618.769

Sample Name: PB167119BS Acquired: 3/17/2025 15:44:08 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7836703	1.994730	.9451043	1.948828	.8061101	1.879764
Stddev	.0039466	.010781	.0027297	.004212	.0041802	.010210
%RSD	.5035986	.5404855	.2888204	.2161375	.5185622	.5431410
#1	.7828051	1.988516	.9438885	1.948318	.8042975	1.875898
#2	.7802282	1.988496	.9431939	1.944895	.8031421	1.872052
#3	.7879777	2.007179	.9482306	1.953272	.8108906	1.891342
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786801	.1912227	.1887401	.9579249	.4002532	.1896783
Stddev	.0014152	.0017598	.0004571	.0079122	.0002961	.0004376
%RSD	.7920021	.9202644	.2421686	.8259703	.0739792	.2307117
#1	.1779956	.1899890	.1890187	.9566353	.4005598	.1900124
#2	.1777374	.1904413	.1882126	.9507368	.4002309	.1891830
#3	.1803074	.1932378	.1889890	.9664027	.3999689	.1898396
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3054841	2.871327	.1868920	1.858303	.4769381	.0745455
Stddev	.0002979	.016888	.0019581	.014295	.0008139	.0004169
%RSD	.0975110	.5881447	1.047704	.7692359	.1706545	.5592423
#1	.3058040	2.871911	.1856585	1.848668	.4778732	.0749650
#2	.3054333	2.887915	.1858677	1.851514	.4765513	.0745402
#3	.3052148	2.854155	.1891498	1.874727	.4763896	.0741313
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.865896	.2828442	.2011940	9.143908	.2678484	.4025571
Stddev	.020392	.0034802	.0004409	.092212	.0022857	.0011345
%RSD	.7115228	1.230429	.2191274	1.008448	.8533392	.2818254
#1	2.876595	.2814831	.2009961	9.197904	.2669239	.4018038
#2	2.878711	.2802503	.2008867	9.196385	.2661698	.4020055
#3	2.842382	.2867993	.2016991	9.037435	.2704515	.4038619

Sample Name: PB167119BS Acquired: 3/17/2025 15:44:08 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6741379	.1843116	.7600489	5.707698	F -.019199	.1850599
Stddev	.0033336	.0019733	.0039493	.006074	.002081	.0005940
%RSD	.4945045	1.070644	.5196118	.1064181	10.83901	.3209857
#1	.6770173	.1820343	.7635505	5.708375	-.016874	.1844666
#2	.6704858	.1855175	.7608282	5.701314	-.019836	.1850585
#3	.6749107	.1853829	.7557680	5.713405	-.020887	.1856546

Elem	Sr4077
Units	ppm
Avg	.1816049
Stddev	.0009469
%RSD	.5214148
#1	.1808125
#2	.1813487
#3	.1826536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.814	66490.17	14108.28	1978.232	4474.933
Stddev	3.857	267.23	119.15	3.682	5.005
%RSD	.1300322	.4019087	.8445531	.1861225	.1118441
#1	2968.262	66323.33	14188.32	1973.981	4476.399
#2	2967.812	66348.78	14165.18	1980.314	4479.042
#3	2961.368	66798.39	13971.35	1980.402	4469.359

Sample Name: Q1543-01 Acquired: 3/17/2025 15:48:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.001916	-.005029	.0000431	.0010183	.0011438	.4107695	.0507948
Stddev	.000519	.001193	.0003489	.0019159	.0015788	.0087199	.0000848
%RSD	27.10886	23.72187	810.2199	188.1510	138.0381	2.122825	.1669163

#1	-.002387	-.003669	.0004368	-.001175	-.000261	.4177471	.0507365
#2	-.002002	-.005898	-.000080	.001863	.000840	.4135673	.0508921
#3	-.001359	-.005520	-.000228	.002367	.002852	.4009941	.0507559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000097	-.000082	15.15161	.0026247	.0091091	.0026380	1.002638
Stddev	.0000210	.000039	.02122	.0000454	.0003416	.0000836	.003044
%RSD	214.7254	47.89758	.1400624	1.729567	3.750264	3.168132	.3035882

#1	.0000142	-.000100	15.12847	.0026770	.0092929	.0025546	1.005555
#2	.0000282	-.000037	15.15621	.0025962	.0087150	.0026377	1.002877
#3	-.000013	-.000108	15.17016	.0026007	.0093196	.0027218	.999481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729128	10.79726	.0058094	.0000259	28.52382	.0014406	.0099793
Stddev	.0006000	.04479	.0001734	.0001114	.08991	.0003958	.0001965
%RSD	.8229365	.4147936	2.984939	429.4346	.3151984	27.47658	1.969023

#1	.0736055	10.74564	.0057142	-.000097	28.61411	.0018000	.0097603
#2	.0725747	10.82039	.0060096	.000120	28.43430	.0010163	.0101401
#3	.0725580	10.82575	.0057045	.000055	28.52306	.0015055	.0100375

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7927194	.0554219	.0000740	-.001894	.0035788	9.575694	.0246554
Stddev	.0159724	.0001540	.0001420	.000266	.0004096	.015501	.0022144
%RSD	2.014889	.2778741	191.7214	14.01985	11.44564	.1618785	8.981382

#1	.7894440	.0555414	.0001749	-.001587	.0032311	9.575881	.0264951
#2	.8100755	.0554762	.0001355	-.002052	.0034749	9.591101	.0221976
#3	.7786385	.0552481	-.000088	-.002043	.0040303	9.560101	.0252734

Sample Name: Q1543-01 Acquired: 3/17/2025 15:48:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	8.684703	-.000099	.0972164
Stddev	.039731	.000640	.0004853
%RSD	.4574795	649.1079	.4992397
#1	8.712779	.000564	.0977427
#2	8.639243	-.000714	.0971200
#3	8.702089	-.000145	.0967865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.314	65699.53	14438.69	1904.966	4469.137
Stddev	10.246	88.09	47.25	6.660	18.594
%RSD	.3512231	.1340872	.3272263	.3496122	.4160534
#1	2912.587	65787.13	14491.44	1911.410	4460.569
#2	2929.071	65700.50	14424.35	1898.109	4490.470
#3	2910.285	65610.95	14400.27	1905.380	4456.371

Sample Name: Q1543-02 Acquired: 3/17/2025 15:52:25 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000448	-.005360	.0019460	.0029664	-.001070	1.681345
Stddev	.003073	.001539	.0006652	.0037210	.000588	.007317
%RSD	686.0485	28.71973	34.18459	125.4391	54.97429	.4351855
#1	-.001288	-.004309	.0026880	.0059980	-.000391	1.687877
#2	.002958	-.004644	.0014030	-.001186	-.001412	1.682720
#3	-.003014	-.007127	.0017470	.004087	-.001408	1.673438
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3296750	.0008016	-.000377	55.03957	.0028461	.0289583
Stddev	.0014864	.0000429	.000005	.14425	.0001874	.0002234
%RSD	.4508633	5.347359	1.365110	.2620768	6.584415	.7715912
#1	.3303681	.0007975	-.000376	54.89063	.0026866	.0291523
#2	.3279686	.0007609	-.000382	55.04947	.0030525	.0290085
#3	.3306881	.0008463	-.000372	55.17861	.0027992	.0287140
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057167	6.583640	.2859827	32.80274	.0148750	.0000087
Stddev	.0002300	.006755	.0016275	.09800	.0001372	.0002630
%RSD	4.024029	.1025985	.5690996	.2987660	.9224596	3024.086
#1	.0059688	6.589198	.2841235	32.69753	.0148218	-.000237
#2	.0055182	6.585599	.2866744	32.89144	.0150309	.000286
#3	.0056630	6.576122	.2871501	32.81924	.0147724	-.000023
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.9483	.0070920	.0362824	4.562783	.0625813	.0002754
Stddev	1.3401	.0012889	.0005411	.010710	.0002832	.0001629
%RSD	.4786978	18.17375	1.491392	.2347161	.4524986	59.16278
#1	278.4025	.0085095	.0359970	4.567878	.0622760	.0002846
#2	280.7841	.0059905	.0369064	4.569994	.0628355	.0004334
#3	280.6581	.0067761	.0359436	4.550477	.0626322	.0001080

Sample Name: Q1543-02 Acquired: 3/17/2025 15:52:25 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.003430	.0250452	F 15.06767	.1368170	F 21.69302	-.000120
Stddev	.000235	.0011082	.01249	.0008311	.04406	.000497
%RSD	6.842286	4.424808	.0828936	.6074542	.2031254	413.8351
#1	-.003324	.0261922	15.07941	.1377761	21.73477	.000260
#2	-.003268	.0239803	15.06904	.1363668	21.64696	-.000683
#3	-.003699	.0249631	15.05454	.1363081	21.69733	.000062

Elem	Sr4077
Units	ppm
Avg	.3183684
Stddev	.0014269
%RSD	.4481995
#1	.3174788
#2	.3176122
#3	.3200143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.131	63526.00	14063.50	1827.922	3978.448
Stddev	.725	306.28	35.55	12.530	6.314
%RSD	.0260209	.4821375	.2527834	.6854998	.1587115
#1	2788.920	63456.03	14093.64	1833.109	3974.738
#2	2787.982	63260.76	14024.30	1813.631	3985.738
#3	2787.492	63861.22	14072.56	1837.025	3974.867

Sample Name: Q1543-02DUP Acquired: 3/17/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000482	-.005805	.0020781	.0035210	.0010595	1.748262
Stddev	.000774	.002365	.0007666	.0055492	.0014811	.006759
%RSD	160.5943	40.73949	36.89129	157.6033	139.7998	.3866299
#1	.000406	-.008510	.0028539	.0044169	.0027603	1.755959
#2	-.001016	-.004782	.0020595	.0085676	.0000542	1.743292
#3	-.000836	-.004124	.0013210	-.002422	.0003638	1.745535
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3327267	.0007568	-.000346	54.69317	.0030988	.0287998
Stddev	.0027324	.0000483	.000035	.21856	.0001375	.0000970
%RSD	.8212110	6.381813	10.24063	.3996027	4.436019	.3369233
#1	.3354120	.0007580	-.000372	54.87964	.0031687	.0287944
#2	.3328184	.0008044	-.000306	54.74719	.0029404	.0287055
#3	.3299495	.0007078	-.000361	54.45266	.0031872	.0288994
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056377	6.885633	.2840342	32.20632	.0144943	-.000097
Stddev	.0002861	.032029	.0020990	.10270	.0001076	.000043
%RSD	5.075084	.4651633	.7390115	.3188888	.7424550	44.15503
#1	.0053891	6.863027	.2859617	32.25466	.0144371	-.000055
#2	.0059504	6.922286	.2843432	32.27593	.0146185	-.000141
#3	.0055735	6.871587	.2817978	32.08837	.0144275	-.000094
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	289.9685	.0065258	.0362972	4.796866	.0609106	.0001886
Stddev	1.6131	.0005868	.0004624	.012329	.0004645	.0002314
%RSD	.5562942	8.991377	1.273988	.2570188	.7626156	122.6692
#1	289.1580	.0067281	.0358641	4.788087	.0614391	.0000949
#2	288.9214	.0058647	.0362432	4.810961	.0607260	.0004522
#3	291.8261	.0069847	.0367842	4.791550	.0605669	.0000188

Sample Name: Q1543-02DUP Acquired: 3/17/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.002557	.0332728	F 15.78764	.1383549	F 21.49413	-.000255
Stddev	.000588	.0010207	.07242	.0008388	.10973	.000238
%RSD	22.98099	3.067684	.4586994	.6062705	.5105074	93.50913
#1	-.002675	.0321056	15.72411	.1378383	21.46955	-.000514
#2	-.003076	.0337143	15.86649	.1379036	21.39877	-.000205
#3	-.001919	.0339984	15.77232	.1393227	21.61406	-.000045

Elem	Sr4077
Units	ppm
Avg	.3192660
Stddev	.0020118
%RSD	.6301464
#1	.3214317
#2	.3189110
#3	.3174553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.865	61712.38	14401.76	1815.754	4014.361
Stddev	13.219	275.88	23.15	13.125	18.317
%RSD	.4686144	.4470449	.1607694	.7228662	.4562798
#1	2823.883	62029.00	14376.72	1829.778	4021.092
#2	2832.313	61523.65	14406.20	1803.765	4028.360
#3	2806.398	61584.49	14422.38	1813.720	3993.631

Sample Name: Q1543-02LX5 Acquired: 3/17/2025 16:01:09 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0008323	-.002476	.0008273	.0004124	-.000289	.8037820	.0662186
Stddev	.0019436	.002608	.0009454	.0006097	.000460	.0077215	.0005744
%RSD	233.5138	105.3277	114.2732	147.8356	159.1636	.9606436	.8674274

#1	-.001403	-.005488	.0015304	.0009255	.000022	.7979626	.0660902
#2	.002120	-.000955	.0011988	-.000262	-.000817	.8008417	.0668462
#3	.001780	-.000986	-.000247	.000573	-.000071	.8125417	.0657192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002080	-.000122	11.48501	.0013183	.0058801	.0010846	1.588302
Stddev	.0000397	.000067	.05548	.0001167	.0003434	.0000812	.014926
%RSD	19.08403	54.98109	.4830950	8.855066	5.839129	7.489427	.9397456

#1	.0001720	-.000072	11.42716	.0012736	.0060003	.0009981	1.571182
#2	.0002505	-.000199	11.49008	.0014508	.0054928	.0011592	1.598583
#3	.0002013	-.000097	11.53778	.0012306	.0061471	.0010966	1.595142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621419	6.785832	.0030556	.0001288	56.26800	.0026891	.0065939
Stddev	.0003465	.011251	.0000500	.0001497	.09591	.0008121	.0004691
%RSD	.5576197	.1658061	1.635226	116.1943	.1704496	30.20013	7.113740

#1	.0619251	6.793583	.0030275	-.000029	56.15738	.0017620	.0070990
#2	.0619589	6.772927	.0030261	.000147	56.31877	.0030307	.0061720
#3	.0625415	6.790985	.0031133	.000268	56.32785	.0032747	.0065106

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9684479	.0057328	-.000184	-.001218	.0348019	3.746444	.0262024
Stddev	.0135557	.0003041	.000113	.000988	.0017183	.025142	.0008918
%RSD	1.399731	5.304077	61.05799	81.06136	4.937355	.6710763	3.403577

#1	.9759127	.0059588	-.000301	-.000123	.0365128	3.735249	.0269009
#2	.9766305	.0058524	-.000076	-.001490	.0330763	3.728844	.0265085
#3	.9528007	.0053871	-.000176	-.002042	.0348165	3.775238	.0251979

Sample Name: Q1543-02LX5 Acquired: 3/17/2025 16:01:09 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	4.338648	.0016240	.0646356
Stddev	.074427	.0005325	.0002529
%RSD	1.715436	32.78656	.3912502
#1	4.423570	.0010376	.0644028
#2	4.284766	.0020772	.0649046
#3	4.307606	.0017573	.0645994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.864	63667.43	14034.45	1888.782	4289.575
Stddev	35.090	235.71	42.94	6.148	58.168
%RSD	1.211306	.3702270	.3059688	.3255052	1.356041
#1	2857.129	63668.37	14019.38	1891.199	4222.857
#2	2923.595	63902.67	14082.90	1893.355	4329.650
#3	2909.870	63431.25	14001.08	1881.793	4316.217

Sample Name: Q1543-02MS Acquired: 3/17/2025 16:05:24 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7940815	1.850108	.9108796	1.876216	.8161589	2.395782
Stddev	.0053486	.001522	.0085351	.011069	.0046134	.001458
%RSD	.6735646	.0822558	.9370181	.5899635	.5652576	.0608387

#1	.7950485	1.848812	.9203069	1.883752	.8204825	2.394100
#2	.7988806	1.849729	.9086547	1.881389	.8166922	2.396588
#3	.7883153	1.851784	.9036773	1.863508	.8113021	2.396659

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4974647	.1825078	.1874442	55.30502	.3954991	.2114447
Stddev	.0014054	.0005879	.0014583	.10285	.0012617	.0019533
%RSD	.2825039	.3221333	.7779963	.1859612	.3190036	.9237796

#1	.4964212	.1819051	.1889294	55.18687	.3957751	.2133188
#2	.4969101	.1825385	.1873888	55.35373	.3941223	.2115943
#3	.4990627	.1830797	.1860144	55.37446	.3965999	.2094208

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2860288	4.348805	.4309386	33.95387	.4797142	.0719259
Stddev	.0020251	.031982	.0015397	.06935	.0034277	.0002548
%RSD	.7080048	.7354225	.3572902	.2042476	.7145282	.3542699

#1	.2876727	4.351983	.4293355	33.97704	.4832619	.0718675
#2	.2866470	4.315352	.4310745	33.87590	.4794600	.0717053
#3	.2837666	4.379079	.4324059	34.00867	.4764207	.0722048

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	281.7876	.2821687	.2340323	15.13874	.3192094	.4105252
Stddev	1.0867	.0010222	.0012774	.06669	.0014152	.0026696
%RSD	.3856618	.3622551	.5458034	.4405257	.4433502	.6502823

#1	282.0149	.2832250	.2354587	15.13260	.3176620	.4127200
#2	282.7428	.2811844	.2329940	15.07533	.3204380	.4113023
#3	280.6052	.2820967	.2336442	15.20829	.3195283	.4075533

Sample Name: Q1543-02MS Acquired: 3/17/2025 16:05:24 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6787127	.1886984	F 14.51431	6.103935	F 21.04478	.1915066
Stddev	.0053278	.0004906	.06446	.045265	.14643	.0011715
%RSD	.7849900	.2599779	.4441396	.7415630	.6957849	.6117062
#1	.6845382	.1886833	14.55715	6.152257	21.19724	.1917857
#2	.6775125	.1891964	14.44018	6.097029	21.03185	.1902208
#3	.6740873	.1882156	14.54561	6.062521	20.90525	.1925134

Elem	Sr4077
Units	ppm
Avg	.5007030
Stddev	.0011837
%RSD	.2364007
#1	.4995127
#2	.5007163
#3	.5018799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.098	61087.28	13869.22	1785.459	3940.619
Stddev	12.220	174.72	24.75	10.274	18.854
%RSD	.4430727	.2860230	.1784680	.5754235	.4784555
#1	2749.383	61025.08	13896.73	1774.866	3920.468
#2	2752.845	61284.59	13862.20	1795.381	3943.559
#3	2772.067	60952.16	13848.75	1786.131	3957.831

Sample Name: Q1543-02MSD Acquired: 3/17/2025 16:09:31 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7896264	1.804286	.9060668	1.869652	.8137803	2.393307
Stddev	.0023579	.015778	.0017013	.007415	.0026052	.015884
%RSD	.2986066	.8744494	.1877617	.3966005	.3201404	.6636865
#1	.7911983	1.819135	.9078596	1.870009	.8164491	2.379521
#2	.7907658	1.806005	.9044749	1.862064	.8112436	2.389722
#3	.7869153	1.787720	.9058660	1.876882	.8136481	2.410677
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4905487	.1782312	.1864719	54.43427	.3923962	.2107922
Stddev	.0012640	.0013298	.0000778	.21312	.0002066	.0005510
%RSD	.2576780	.7460792	.0417123	.3915186	.0526465	.2613785
#1	.4917668	.1777458	.1864189	54.51929	.3926316	.2112617
#2	.4892432	.1772123	.1864356	54.19176	.3923119	.2101856
#3	.4906360	.1797355	.1865612	54.59175	.3922451	.2109292
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2844973	4.285856	.4221705	33.33324	.4774791	.0707013
Stddev	.0018313	.033442	.0010837	.17262	.0011323	.0003083
%RSD	.6436904	.7802844	.2566898	.5178681	.2371340	.4360220
#1	.2864651	4.289471	.4225958	33.30971	.4782968	.0710425
#2	.2828430	4.317343	.4209387	33.17359	.4761868	.0706186
#3	.2841838	4.250753	.4229770	33.51642	.4779537	.0704428
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	277.4728	.2773917	.2301909	14.85293	.3132307	.4091533
Stddev	.9102	.0025765	.0012232	.11493	.0019968	.0019864
%RSD	.3280495	.9288403	.5313747	.7737857	.6374726	.4854992
#1	278.3012	.2784889	.2305426	14.90243	.3115012	.4114309
#2	277.6188	.2744482	.2288303	14.93482	.3127748	.4077789
#3	276.4984	.2792380	.2311996	14.72155	.3154159	.4082502

Sample Name: Q1543-02MSD Acquired: 3/17/2025 16:09:31 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6745159	.1894402	F 14.29124	5.977040	F 20.75572	.1884044
Stddev	.0015926	.0006022	.04886	.006185	.00477	.0009004
%RSD	.2361028	.3179028	.3419099	.1034716	.0230003	.4778943
#1	.6751487	.1895097	14.33244	5.983796	20.75034	.1883173
#2	.6727043	.1888062	14.30402	5.975665	20.75739	.1893451
#3	.6756949	.1900047	14.23725	5.971659	20.75944	.1875507

Elem	Sr4077
Units	ppm
Avg	.4946785
Stddev	.0006521
%RSD	.1318217
#1	.4952858
#2	.4939894
#3	.4947605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.066	62444.39	14110.66	1802.794	3961.699
Stddev	11.302	278.69	69.61	4.370	6.631
%RSD	.4081613	.4463005	.4933263	.2424280	.1673897
#1	2756.042	62146.84	14089.87	1797.776	3954.145
#2	2776.298	62487.01	14188.29	1805.771	3966.562
#3	2774.858	62699.31	14053.81	1804.834	3964.391

Sample Name: CCV02 Acquired: 3/17/2025 16:13:39 Type: Unk
Method: NON EPA-6010-200.7(v2811) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.215821	5.229180	5.068136	5.136107	5.259924	9.980726	9.764141
Stddev	.029908	.030148	.028374	.026518	.027464	.015844	.032729
%RSD	.5734104	.5765273	.5598594	.5162967	.5221307	.1587435	.3351948
#1	5.223859	5.226426	5.048550	5.136486	5.264938	9.989963	9.762227
#2	5.182716	5.200504	5.055184	5.109401	5.230298	9.962431	9.732411
#3	5.240889	5.260610	5.100676	5.162432	5.284534	9.989783	9.797785
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2436347	2.501279	24.28984	1.038007	2.483371	1.281679	5.089813
Stddev	.0014476	.015357	.08090	.006454	.015740	.006450	.051220
%RSD	.5941717	.6139555	.3330788	.6217849	.6338227	.5032845	1.006326
#1	.2420023	2.489142	24.24478	1.041079	2.471401	1.279847	5.115172
#2	.2441394	2.496152	24.24151	1.030591	2.477512	1.276342	5.030861
#3	.2447624	2.518544	24.38325	1.042351	2.501201	1.288847	5.123407
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348220	24.24841	2.472436	1.287922	26.38762	2.468161	2.593198
Stddev	.011027	.12879	.014306	.007106	.27280	.005457	.017848
%RSD	.4696011	.5311098	.5786375	.5517035	1.033812	.2210767	.6882801
#1	2.345920	24.17906	2.458924	1.293649	26.64005	2.470461	2.605818
#2	2.338525	24.16916	2.470960	1.279971	26.09822	2.461931	2.572777
#3	2.360216	24.39701	2.487423	1.290147	26.42459	2.472092	2.600999
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.61845	4.863284	5.201716	5.046683	4.881840	5.347311	5.115179
Stddev	.24117	.022885	.029796	.025611	.013698	.027514	.039663
%RSD	.9414013	.4705570	.5728081	.5074828	.2805877	.5145444	.7754031
#1	25.85007	4.837865	5.199764	5.030095	4.886776	5.366603	5.087538
#2	25.36874	4.869740	5.172944	5.033775	4.866358	5.315804	5.097374
#3	25.63654	4.882247	5.232440	5.076180	4.892385	5.359526	5.160625

Sample Name: CCV02 Acquired: 3/17/2025 16:13:39 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	4.957305	4.778862	4.924835
Stddev	.022296	.017953	.050114
%RSD	.4497702	.3756673	1.017581

#1	4.941091	4.789311	4.866969
#2	4.948093	4.758132	4.953481
#3	4.982732	4.789143	4.954054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.613	62951.49	13846.46	1853.549	4178.265
Stddev	14.025	350.65	35.22	11.241	18.492
%RSD	.4880598	.5570114	.2543545	.6064619	.4425774

#1	2872.392	62648.94	13886.54	1841.160	4191.180
#2	2888.209	63335.79	13820.44	1863.096	4186.533
#3	2860.239	62869.75	13832.41	1856.391	4157.081

Sample Name: CCB02 Acquired: 3/17/2025 16:17:50 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000292	-.000439	.0001288	-.001401	-.002141	-.006500	-.001743
Stddev	.000427	.000839	.0002885	.000819	.001266	.002343	.000679
%RSD	146.0615	191.1326	224.0519	58.46512	59.12351	36.05037	38.96818

#1	-.000682	.000337	.0000304	-.001839	-.002149	-.004914	-.002411
#2	-.000358	-.000325	-.000098	-.001908	-.003404	-.009192	-.001053
#3	.000164	-.001328	.000454	-.000456	-.000872	-.005396	-.001766

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000599	.0000476	-.003336	.0002076	.0000137	-.000224	-.002367
Stddev	.0000430	.0000517	.003544	.0001956	.0001022	.000236	.003556
%RSD	71.74340	108.7572	106.2398	94.21461	746.4425	105.3279	150.2395

#1	.0000110	.0001070	.000495	.0002961	.0001129	.000044	-.006318
#2	.0000773	.0000232	-.006497	-.000017	.0000194	-.000318	-.001359
#3	.0000916	.0000125	-.004006	.000343	-.000091	-.000399	.000576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024502	.0046231	.0002248	-.000000	.0571511	.0003548	-.000885
Stddev	.0003394	.0069218	.0002154	.000361	.0090340	.0001384	.000329
%RSD	13.85310	149.7227	95.81867	186662.7	15.80721	39.00301	37.22526

#1	.0021849	.0005587	.0000507	-.000222	.0674174	.0003848	-.001238
#2	.0023329	.0006953	.0001580	.000417	.0536199	.0002038	-.000831
#3	.0028327	.0126153	.0004656	-.000195	.0504161	.0004756	-.000586

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242650	.0002725	.0000530	-.000389	.0000250	.0001964	-.002977
Stddev	.0258556	.0001677	.0001646	.000356	.0001305	.0048640	.002349
%RSD	106.5552	61.54384	310.8458	91.57774	520.8967	2477.166	78.93249

#1	.0321659	.0002565	.0002318	-.000659	-.000076	.0043693	-.001644
#2	-.004619	.0004476	.0000194	-.000523	.000172	-.005146	-.005689
#3	.045248	.0001133	-.000092	.000015	-.000022	.001365	-.001596

Sample Name: CCB02 Acquired: 3/17/2025 16:17:50 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.006783	.0011991	-.000054
Stddev	.001327	.0013591	.000104
%RSD	19.55866	113.3412	191.6420

#1	-.005572	-.000179	.000062
#2	-.008201	.001239	-.000138
#3	-.006576	.002538	-.000087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.128	64574.04	14080.89	1922.449	4706.072
Stddev	10.339	374.94	86.15	10.798	19.810
%RSD	.3416686	.5806403	.6118460	.5617011	.4209488

#1	3026.938	64378.45	14083.96	1915.937	4707.013
#2	3015.408	64337.33	14165.46	1916.497	4685.808
#3	3036.039	65006.33	13993.23	1934.914	4725.395

Sample Name: Q1553-03 Acquired: 3/17/2025 16:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0505586	-.002232	.4998894	-.003701	.0113211	15.99838
Stddev	.0023073	.002858	.0012347	.002706	.0016738	.01223
%RSD	4.563571	128.0039	.2469874	73.11846	14.78486	.0764734
#1	.0531802	.000746	.5008553	-.006691	.0124544	15.98827
#2	.0496591	-.002493	.5003146	-.002990	.0093986	15.99489
#3	.0488366	-.004951	.4984984	-.001421	.0121103	16.01198
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2269797	.0009010	.0006839	130.6890	.0629696	.0401248
Stddev	.0006560	.0000523	.0000863	.1516	.0000619	.0001246
%RSD	.2889940	5.802838	12.61932	.1159879	.0982579	.3105408
#1	.2262621	.0008629	.0007835	130.6323	.0629783	.0399827
#2	.2271285	.0009606	.0006375	130.5739	.0630267	.0402154
#3	.2275484	.0008795	.0006307	130.8607	.0629039	.0401763
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3560167	34.20406	1.270523	11.29098	.0535290	.0012825
Stddev	.0008651	.14121	.001580	.00588	.0004371	.0004540
%RSD	.2429838	.4128596	.1243576	.0520665	.8165696	35.39977
#1	.3568905	34.12991	1.269432	11.28553	.0537386	.0013794
#2	.3551606	34.11537	1.269802	11.29019	.0538217	.0016803
#3	.3559990	34.36691	1.272335	11.29721	.0530265	.0007879
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	958.1579	.0444935	17.75552	28.34357	.1022696	.0297063
Stddev	1.5522	.0011906	.03200	.19759	.0007315	.0003228
%RSD	.1620022	2.675990	.1802154	.6971298	.7152131	1.086504
#1	959.1466	.0431238	17.78262	28.22188	.1029289	.0294501
#2	956.3688	.0452810	17.76372	28.23728	.1023972	.0300688
#3	958.9582	.0450758	17.72022	28.57156	.1014828	.0296000

Sample Name: Q1553-03 Acquired: 3/17/2025 16:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0328339	.8920965	F 42.43528	2.430871	4.539472	.0059933
Stddev	.0005253	.0011526	.18423	.016360	.044770	.0013135
%RSD	1.599707	.1292031	.4341533	.6730092	.9862306	21.91552
#1	.0328997	.8933688	42.35088	2.446594	4.590877	.0074851
#2	.0333231	.8917986	42.30837	2.432078	4.518517	.0054844
#3	.0322788	.8911221	42.64660	2.413941	4.509024	.0050105

Elem	Sr4077
Units	ppm
Avg	1.015402
Stddev	.001970
%RSD	.1940031
#1	1.013596
#2	1.015108
#3	1.017503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.310	60778.18	14463.49	1778.409	3601.396
Stddev	6.613	271.24	15.85	3.709	17.526
%RSD	.2466250	.4462826	.1095677	.2085600	.4866351
#1	2673.823	60934.73	14480.98	1775.719	3581.436
#2	2686.354	60934.83	14459.40	1782.640	3608.486
#3	2683.753	60464.97	14450.09	1776.868	3614.266

Sample Name: Q1543-02A Acquired: 3/17/2025 16:26:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.8061430	1.867843	.9202375	1.901676	.8181000	3.648376
Stddev	.0063787	.017583	.0034026	.004991	.0023053	.014068
%RSD	.7912562	.9413310	.3697489	.2624699	.2817819	.3856072

#1	.8010659	1.848395	.9163159	1.899382	.8165805	3.635915
#2	.8133027	1.872517	.9219903	1.907402	.8207526	3.663632
#3	.8040605	1.882616	.9224063	1.898245	.8169670	3.645581

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093482	.1810015	.1884205	53.71995	.3984935	.2185452
Stddev	.0026345	.0010892	.0004930	.37077	.0005644	.0004821
%RSD	.5172230	.6017798	.2616544	.6901947	.1416421	.2206146

#1	.5073747	.1800177	.1879519	53.32775	.3978804	.2180352
#2	.5123398	.1821720	.1889347	54.06474	.3989916	.2186067
#3	.5083301	.1808147	.1883749	53.76736	.3986086	.2189936

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925315	9.418682	.4475649	33.10739	.4843399	.0745904
Stddev	.0008319	.061767	.0034930	.22577	.0014698	.0006643
%RSD	.2843643	.6557889	.7804447	.6819202	.3034691	.8905391

#1	.2918468	9.348460	.4435400	32.85535	.4832300	.0738507
#2	.2934573	9.442983	.4498036	33.29111	.4860068	.0751359
#3	.2922903	9.464602	.4493512	33.17569	.4837829	.0747847

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	280.8371	.2846637	.2411640	15.10471	.3062723	.4089208
Stddev	3.0365	.0041010	.0007966	.04074	.0029287	.0013488
%RSD	1.081230	1.440652	.3303024	.2696852	.9562236	.3298431

#1	277.8491	.2802497	.2415777	15.05824	.3040472	.4073725
#2	283.9199	.2883559	.2416686	15.13425	.3095903	.4098406
#3	280.7422	.2853857	.2402457	15.12165	.3051795	.4095494

Sample Name: Q1543-02A Acquired: 3/17/2025 16:26:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6782951	.2190919	F 15.95946	6.208747	F 21.19112	.1919364
Stddev	.0017225	.0020510	.05381	.016074	.07151	.0015035
%RSD	.2539450	.9361512	.3371907	.2588931	.3374529	.7833411
#1	.6764711	.2186967	15.89815	6.198052	21.12645	.1905785
#2	.6798940	.2172672	15.99890	6.227232	21.26792	.1935522
#3	.6785202	.2213118	15.98132	6.200957	21.17899	.1916786

Elem	Sr4077
Units	ppm
Avg	.4872536
Stddev	.0032695
%RSD	.6710072
#1	.4838704
#2	.4903961
#3	.4874942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.068	61851.45	14063.62	1783.624	3940.259
Stddev	5.405	292.65	100.06	10.969	10.315
%RSD	.1958335	.4731452	.7115041	.6149946	.2617959
#1	2765.629	62177.12	14172.33	1794.422	3951.218
#2	2754.834	61610.53	13975.36	1772.491	3930.738
#3	2759.741	61766.71	14043.18	1783.959	3938.820

Sample Name: Q1568-04 Acquired: 3/17/2025 16:30:36 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.003155	-.005454	.0141653	.0010444	-.001077	.0528677	.3417294
Stddev	.001301	.000975	.0006380	.0046419	.000724	.0034494	.0016867
%RSD	41.22917	17.87183	4.504043	444.4764	67.18819	6.524601	.4935653

#1	-.004343	-.004494	.0147028	-.000529	-.001784	.0501673	.3401754
#2	-.003358	-.005425	.0143329	.006268	-.001109	.0567535	.3414898
#3	-.001765	-.006443	.0134602	-.002606	-.000338	.0516824	.3435231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000101	.0004134	18.56175	.0002229	.0016646	.0143979	.0221797
Stddev	.0000286	.0000252	.09026	.0003814	.0000838	.0008144	.0054235
%RSD	283.2684	6.105939	.4862681	171.0918	5.034087	5.656122	24.45268

#1	.0000339	.0004153	18.47219	.0005719	.0015713	.0134781	.0197021
#2	.0000180	.0003873	18.65270	-.000184	.0017334	.0146888	.0184374
#3	-.000022	.0004377	18.56037	.000281	.0016891	.0150270	.0283995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3926819	2.198502	.0035340	.0005071	306.0827	-.000021	.1516484
Stddev	.0012956	.020565	.0001491	.0001537	6.1145	.000667	.0023851
%RSD	.3299257	.9354138	4.220086	30.31267	1.997676	3115.579	1.572749

#1	.3913691	2.209713	.0033647	.0006625	313.1151	.000658	.1543719
#2	.3927170	2.211025	.0036461	.0005036	303.1118	-.000674	.1499324
#3	.3939595	2.174767	.0035911	.0003552	302.0213	-.000048	.1506410

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9805716	.0578757	.0043984	-.002173	.0011910	.9141801	.0124271
Stddev	.0227035	.0010162	.0002248	.000589	.0003546	.0100884	.0011342
%RSD	2.315336	1.755805	5.110784	27.10728	29.77196	1.103549	9.127161

#1	.9631630	.0567025	.0043470	-.001824	.0010686	.9255337	.0113656
#2	.9723007	.0584792	.0046445	-.002853	.0009138	.9062452	.0136222
#3	1.006251	.0584455	.0042038	-.001841	.0015906	.9107616	.0122934

Sample Name: Q1568-04 Acquired: 3/17/2025 16:30:36 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.5557581	-.003390	.0778298
Stddev	.0046381	.000742	.0000870
%RSD	.8345579	21.88930	.1117651
#1	.5529769	-.003636	.0777597
#2	.5531850	-.003978	.0779272
#3	.5611124	-.002556	.0778026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.806	62450.42	14378.31	1804.985	4077.164
Stddev	6.799	554.08	48.99	24.159	10.644
%RSD	.2428526	.8872288	.3407102	1.338441	.2610544
#1	2802.063	61816.06	14421.46	1777.226	4085.680
#2	2805.190	62695.57	14325.06	1821.260	4080.582
#3	2792.165	62839.64	14388.43	1816.467	4065.232

Sample Name: Q1568-04DUP Acquired: 3/17/2025 16:35:03 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.002907	-.005065	.0133148	.0007508	-.001304	.0535159	.3430875
Stddev	.001163	.002637	.0014146	.0016229	.000886	.0016540	.0013558
%RSD	39.99251	52.05111	10.62391	216.1605	67.96025	3.090723	.3951855
#1	-.003841	-.002685	.0134671	.0018026	-.001735	.0546212	.3445839
#2	-.003275	-.004612	.0146470	-.001118	-.001891	.0543122	.3419406
#3	-.001605	-.007899	.0118303	.001568	-.000285	.0516144	.3427380
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000318	.0004492	18.58820	.0000698	.0016766	.0147895	.0274538
Stddev	.0000178	.0000940	.09570	.0004549	.0001444	.0002622	.0059926
%RSD	55.88907	20.92422	.5148616	651.6567	8.609807	1.772785	21.82795
#1	.0000516	.0004797	18.67452	-.000325	.0016840	.0150908	.0207530
#2	.0000175	.0005241	18.60481	-.000032	.0015288	.0146650	.0322994
#3	.0000261	.0003437	18.48528	.000567	.0018172	.0146128	.0293090
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3957643	2.215329	.0036836	.0003908	304.8836	.0012204	.1523863
Stddev	.0034685	.019836	.0000440	.0002493	1.5877	.0012104	.0009960
%RSD	.8763989	.8953934	1.195333	63.79902	.5207488	99.18255	.6535936
#1	.3995531	2.237745	.0036970	.0001588	303.0906	.0001544	.1516336
#2	.3949940	2.200049	.0037193	.0006545	306.1112	.0025362	.1535157
#3	.3927457	2.208192	.0036344	.0003591	305.4490	.0009706	.1520095
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9451180	.0581925	.0040603	-.001394	.0006976	.9023771	.0152700
Stddev	.0242076	.0004587	.0002033	.000792	.0007973	.0048148	.0012197
%RSD	2.561335	.7882341	5.006436	56.76425	114.2957	.5335684	7.987531
#1	.9181144	.0586850	.0040032	-.002183	.0006532	.8968188	.0150355
#2	.9523655	.0581149	.0038917	-.001399	-.000077	.9050531	.0141845
#3	.9648740	.0577775	.0042860	-.000600	.001516	.9052596	.0165899

Sample Name: Q1568-04DUP Acquired: 3/17/2025 16:35:03 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.5528483	-.003947	.0780157
Stddev	.0022471	.001409	.0003202
%RSD	.4064634	35.70697	.4104748
#1	.5506068	-.002349	.0781278
#2	.5551010	-.005011	.0776545
#3	.5528370	-.004480	.0782649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2798.237	62406.74	14363.52	1824.888	4062.085
Stddev	4.302	258.67	108.68	4.294	7.525
%RSD	.1537378	.4144829	.7566132	.2352868	.1852403
#1	2801.088	62607.07	14295.29	1827.034	4070.662
#2	2800.335	62114.72	14306.43	1819.944	4059.005
#3	2793.289	62498.43	14488.85	1827.685	4056.590

Sample Name: Q1568-04LX5 Acquired: 3/17/2025 16:39:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.001341	-.001374	.0026348	-.000523	-.001148	.0102391	.0683045
Stddev	.001809	.000656	.0007868	.001301	.000576	.0030160	.0008168
%RSD	134.8830	47.76024	29.86405	248.8594	50.20391	29.45581	1.195850

#1	.000746	-.001971	.0025591	-.001563	-.000829	.0137018	.0679169
#2	-.002319	-.001480	.0034567	-.000940	-.001813	.0081855	.0692429
#3	-.002450	-.000672	.0018885	.000935	-.000801	.0088301	.0677535

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000160	.0001165	3.914859	-.000015	.0004779	.0028822	.0029051
Stddev	.0000110	.0000540	.013867	.000415	.0000925	.0004947	.0048703
%RSD	68.95914	46.35877	.3542135	2799.638	19.36202	17.16590	167.6498

#1	.0000116	.0001130	3.902802	-.000021	.0005688	.0023126	-.001620
#2	.0000286	.0000644	3.930012	.000403	.0004810	.0032054	.002275
#3	.0000079	.0001723	3.911763	-.000427	.0003838	.0031284	.008060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837717	.4767686	.0007800	.0001035	59.85925	.0006080	.0298353
Stddev	.0003180	.0091286	.0003323	.0003042	.17294	.0005614	.0005271
%RSD	.3795906	1.914679	42.60018	293.8866	.2889125	92.32786	1.766592

#1	.0835233	.4662874	.0008921	.0001927	59.93810	.0007251	.0298380
#2	.0836617	.4829786	.0010418	-.000235	59.97872	.0011016	.0303610
#3	.0841300	.4810399	.0004062	.000353	59.66094	-.000003	.0293069

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2959695	.0059173	.0004012	-.000187	.0008836	.1748130	.0003078
Stddev	.0199808	.0001846	.0002203	.000652	.0004657	.0064188	.0013861
%RSD	6.750976	3.119339	54.91749	348.1188	52.70222	3.671801	450.3399

#1	.2971768	.0061124	.0004477	.000181	.0004057	.1721813	.0014222
#2	.3153192	.0057454	.0005945	-.000940	.0013360	.1821294	-.001244
#3	.2754123	.0058941	.0001613	.000197	.0009090	.1701284	.000746

Sample Name: Q1568-04LX5 Acquired: 3/17/2025 16:39:28 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.1007562	.0026144	.0160883
Stddev	.0020080	.0004038	.0001400
%RSD	1.992933	15.44518	.8699329
#1	.0999448	.0022899	.0160273
#2	.0992809	.0024867	.0162485
#3	.1030430	.0030666	.0159893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2999.727	66401.58	14482.26	1932.946	4475.764
Stddev	6.516	129.76	25.85	11.520	13.893
%RSD	.2172114	.1954228	.1784859	.5959762	.3104078
#1	3000.623	66292.07	14512.07	1919.909	4473.478
#2	3005.749	66367.77	14468.66	1937.179	4490.659
#3	2992.810	66544.91	14466.06	1941.751	4463.156

Sample Name: Q1568-04MS Acquired: 3/17/2025 16:43:46 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.8432797	1.958814	.9840438	2.037720	.8545638	2.028462	.5377212
Stddev	.0058282	.007599	.0051084	.008446	.0044987	.017103	.0021836
%RSD	.6911340	.3879326	.5191245	.4144686	.5264348	.8431487	.4060856

#1	.8498068	1.966964	.9890867	2.044063	.8551180	2.034480	.5354235
#2	.8385963	1.951924	.9788723	2.028133	.8498136	2.041742	.5397693
#3	.8414362	1.957553	.9841725	2.040964	.8587597	2.009163	.5379709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1893243	.2004022	19.78045	.4250855	.2030170	.3179071	3.173070
Stddev	.0012283	.0008011	.09415	.0016097	.0007395	.0018645	.038756
%RSD	.6487835	.3997615	.4759655	.3786797	.3642593	.5864902	1.221398

#1	.1903402	.2010600	19.74705	.4262257	.2037944	.3196029	3.145742
#2	.1896736	.1995100	19.88674	.4232442	.2023224	.3159105	3.156044
#3	.1879592	.2006364	19.70755	.4257868	.2029342	.3182079	3.217425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5807040	4.087400	.5023224	.0791781	308.8147	.2983494	.3619489
Stddev	.0036100	.017281	.0015497	.0003501	3.4439	.0016900	.0023247
%RSD	.6216623	.4227839	.3085177	.4421338	1.115193	.5664429	.6422717

#1	.5774970	4.073362	.5030945	.0795758	306.9172	.2974005	.3628493
#2	.5846137	4.106701	.5005383	.0790419	312.7900	.3003006	.3593087
#3	.5800012	4.082138	.5033345	.0789166	306.7369	.2973472	.3636888

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39042	.3136634	.4430549	.7128495	.1970114	1.773948	6.417841
Stddev	.06510	.0031748	.0014789	.0013851	.0011238	.011736	.031647
%RSD	.5254105	1.012177	.3337865	.1943116	.5704208	.6615525	.4931041

#1	12.31674	.3154840	.4431861	.7143266	.1972291	1.764887	6.452660
#2	12.41436	.3155087	.4415148	.7115796	.1980104	1.769751	6.390827
#3	12.44016	.3099974	.4444638	.7126424	.1957946	1.787205	6.410038

Sample Name: Q1568-04MS Acquired: 3/17/2025 16:43:46 Type: Unk
 Method: NON EPA-6010-200.7(v2811) 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	.5463123	.1988931	.2694813
Stddev	.0042592	.0003481	.0005431
%RSD	.7796220	.1750022	.2015232
#1	.5507673	.1984964	.2689777
#2	.5422805	.1991469	.2700567
#3	.5458890	.1990361	.2694094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.040	61997.72	14257.00	1810.135	4051.349
Stddev	10.878	134.36	71.68	9.711	13.784
%RSD	.3880933	.2167113	.5027862	.5364881	.3402369
#1	2796.632	62120.38	14231.68	1804.853	4043.516
#2	2815.601	62018.67	14201.41	1821.342	4067.265
#3	2796.888	61854.12	14337.90	1804.210	4043.266

Sample Name: Q1568-04MSD Acquired: 3/17/2025 16:47:56 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.8505241	1.935605	.9906690	2.064771	.8637862	2.049087	.5352262
Stddev	.0050433	.002436	.0015709	.004248	.0015762	.006757	.0030909
%RSD	.5929672	.1258705	.1585720	.2057184	.1824736	.3297724	.5775006
#1	.8447457	1.936290	.9891803	2.059932	.8624180	2.056861	.5369493
#2	.8540404	1.932899	.9923109	2.067882	.8655097	2.044621	.5370715
#3	.8527860	1.937625	.9905157	2.066499	.8634309	2.045778	.5316578
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898895	.2022507	19.80588	.4293110	.2052258	.3207748	3.217032
Stddev	.0006690	.0000343	.04407	.0005292	.0002027	.0005306	.029733
%RSD	.3523225	.0169814	.2225139	.1232666	.0987549	.1654059	.9242509
#1	.1891170	.2022291	19.83825	.4297771	.2049952	.3212532	3.250346
#2	.1902750	.2022903	19.75569	.4287358	.2053759	.3202042	3.207564
#3	.1902765	.2022327	19.82369	.4294202	.2053062	.3208670	3.193185
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5806306	4.140404	.5057469	.0799947	311.9313	.3005691	.3668664
Stddev	.0016636	.016779	.0010235	.0004987	1.9206	.0030388	.0010946
%RSD	.2865191	.4052508	.2023701	.6233921	.6156989	1.011028	.2983752
#1	.5825088	4.130103	.5055752	.0803985	313.9071	.3040123	.3671752
#2	.5800405	4.131345	.5048202	.0794372	311.8158	.2982620	.3656505
#3	.5793424	4.159766	.5068454	.0801482	310.0712	.2994330	.3677735
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52356	.3133639	.4471868	.7167592	.1954510	1.815836	6.403832
Stddev	.09614	.0012758	.0005644	.0024204	.0010742	.021009	.006196
%RSD	.7677095	.4071400	.1262196	.3376875	.5495899	1.157014	.0967520
#1	12.63359	.3120181	.4477690	.7150588	.1963824	1.840014	6.407049
#2	12.48137	.3145558	.4466420	.7156885	.1956945	1.805467	6.407758
#3	12.45572	.3135176	.4471494	.7195303	.1942759	1.802026	6.396690

Sample Name: Q1568-04MSD Acquired: 3/17/2025 16:47:56 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.5476276	.1984711	.2684396
Stddev	.0044063	.0016262	.0016926
%RSD	.8046146	.8193858	.6305213
#1	.5435626	.2002217	.2695951
#2	.5523100	.1981843	.2692268
#3	.5470103	.1970074	.2664968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.536	61068.38	14159.29	1780.827	4012.900
Stddev	1.515	181.81	24.10	7.442	5.265
%RSD	.0546273	.2977099	.1701805	.4179100	.1311977
#1	2774.742	60878.66	14184.13	1775.806	4014.328
#2	2771.835	61241.08	14157.71	1789.377	4007.069
#3	2774.032	61085.40	14136.02	1777.297	4017.304

Sample Name: Q1568-04A Acquired: 3/17/2025 16:52:06 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.8364670	1.933282	.9815640	2.037317	.8518232	2.071268	.5337479
Stddev	.0096266	.020485	.0158560	.032008	.0116420	.004596	.0026193
%RSD	1.150866	1.059606	1.615382	1.571109	1.366715	.2219074	.4907381
#1	.8319175	1.922313	.9729780	2.022416	.8423320	2.068472	.5331849
#2	.8299583	1.920618	.9718525	2.015476	.8483241	2.068760	.5314558
#3	.8475251	1.956916	.9998614	2.074060	.8648134	2.076573	.5366028
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1954024	.2010927	19.88562	.4270743	.2045698	.3176198	3.158464
Stddev	.0013068	.0033509	.09018	.0022729	.0032615	.0053396	.027563
%RSD	.6687593	1.666348	.4534997	.5322075	1.594323	1.681128	.8726718
#1	.1948140	.1995202	19.89302	.4247364	.2026895	.3142747	3.154975
#2	.1944932	.1988172	19.79197	.4292761	.2026839	.3148069	3.187605
#3	.1968999	.2049406	19.97188	.4272105	.2083358	.3237777	3.132811
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5920249	4.169946	.5045335	.0788086	303.7517	.3019112	.3598831
Stddev	.0030709	.029772	.0085889	.0010028	.7651	.0017910	.0020471
%RSD	.5187040	.7139711	1.702345	1.272467	.2518793	.5932064	.5688235
#1	.5924025	4.140255	.5004596	.0776963	303.5312	.3034503	.3577054
#2	.5887827	4.169784	.4987397	.0796434	304.6028	.3023379	.3617680
#3	.5948894	4.199799	.5144013	.0790862	303.1211	.2999454	.3601759
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.15645	.3243502	.4474774	.7123062	.1970801	1.763873	6.331535
Stddev	.06756	.0022756	.0078643	.0128263	.0015512	.021508	.119887
%RSD	.5557144	.7015984	1.757480	1.800670	.7871048	1.219374	1.893483
#1	12.12583	.3237358	.4430867	.7048699	.1980932	1.748475	6.257430
#2	12.23389	.3224449	.4427888	.7049320	.1952943	1.788447	6.267324
#3	12.10962	.3268700	.4565567	.7271167	.1978529	1.754697	6.469850

Sample Name: Q1568-04A Acquired: 3/17/2025 16:52:06 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.5395399	.2031307	.2672015
Stddev	.0093841	.0013720	.0010238
%RSD	1.739280	.6754357	.3831661
#1	.5363082	.2026773	.2674789
#2	.5321986	.2020428	.2660675
#3	.5501127	.2046720	.2680580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.863	61767.38	13748.68	1816.379	4077.837
Stddev	39.099	203.30	98.00	3.703	55.668
%RSD	1.388044	.3291452	.7127748	.2038775	1.365127
#1	2839.626	61863.20	13756.04	1820.641	4106.055
#2	2839.248	61533.87	13842.79	1813.946	4113.745
#3	2771.716	61905.07	13647.21	1814.551	4013.711

Sample Name: PB167133TB Acquired: 3/17/2025 16:56:16 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.002728	-.006331	.0010056	.0031663	.0006058	.0085408
Stddev	.002515	.001280	.0010400	.0002296	.0009615	.0018122
%RSD	92.19113	20.22373	103.4240	7.252006	158.7208	21.21794

#1	-.001466	-.006552	.0012177	.0029788	-.000393	.0105012
#2	-.005624	-.004954	.0019231	.0034224	.000684	.0069268
#3	-.001094	-.007486	-.000124	.0030976	.001526	.0081944

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003958	-.000098	-.000071	.0172866	.0004547	-.000289
Stddev	.000774	.000023	.000045	.0044005	.0000661	.000213
%RSD	19.54352	23.41158	63.18591	25.45593	14.53091	73.52342

#1	-.004480	-.000122	-.000020	.0154580	.0005299	-.000321
#2	-.004325	-.000077	-.000104	.0223065	.0004058	-.000484
#3	-.003070	-.000094	-.000089	.0140952	.0004284	-.000062

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001642	.0081429	.0025137	.0074769	.0011075	-.000018
Stddev	.0002229	.0042677	.0002028	.0006571	.0002028	.000397
%RSD	135.7623	52.41089	8.066566	8.788103	18.31370	2199.517

#1	.0001717	.0121013	.0027284	.0076936	.0010276	-.000379
#2	.0003832	.0087055	.0024872	.0079983	.0009568	.000408
#3	-.000062	.0036217	.0023254	.0067389	.0013381	-.000083

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 330.6930	.0013421	.0003643	.1021581	-.009735	-.000049
Stddev	1.5261	.0014074	.0003182	.0233426	.000512	.000111
%RSD	.4614864	104.8647	87.34703	22.84949	5.256580	227.1184

#1	330.4465	-.000132	.0003942	.0794914	-.009879	.000014
#2	329.3050	.002671	.0006666	.1008604	-.010159	-.000177
#3	332.3273	.001487	.0000322	.1261224	-.009167	.000016

Sample Name: PB167133TB Acquired: 3/17/2025 16:56:16 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000724	.0008113	.0055394	.0013593	.0087617	-.001029
Stddev	.000194	.0004720	.0064560	.0009526	.0010326	.001021
%RSD	26.80204	58.18111	116.5463	70.08072	11.78560	99.25336
#1	-.000546	.0005271	-.000486	.0002682	.0099375	-.001935
#2	-.000695	.0013561	.004751	.0017840	.0083455	.000078
#3	-.000931	.0005506	.012354	.0020257	.0080021	-.001230

Elem	Sr4077
Units	ppm
Avg	-.000063
Stddev	.000041
%RSD	65.98819
#1	-.000027
#2	-.000053
#3	-.000108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.879	62863.69	14213.04	1854.434	4104.729
Stddev	5.702	197.11	115.65	8.334	14.108
%RSD	.2013557	.3135573	.8137173	.4494152	.3437120
#1	2838.462	62636.30	14298.66	1846.680	4118.412
#2	2828.696	62986.00	14259.00	1853.375	4105.546
#3	2828.479	62968.77	14081.47	1863.247	4090.230

Sample Name: PB167161BL Acquired: 3/17/2025 17:00:44 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0004186	.0000303	-.000237	-.001266	-.001145	-.001152
Stddev	.0005765	.0013376	.000693	.001285	.002225	.001794
%RSD	137.7159	4406.946	292.7427	101.5300	194.3079	155.7062
#1	.0000022	.0007375	.000477	-.002723	-.002837	-.000956
#2	.0010765	-.001512	-.000906	-.000295	.001375	.000536
#3	.0001771	.000866	-.000281	-.000780	-.001974	-.003036
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002375	.0000645	-.000011	-.001066	.0004334	-.000060
Stddev	.000210	.0000194	.000009	.003425	.0002225	.000203
%RSD	8.853328	30.13560	78.60330	321.3823	51.32517	340.9838
#1	-.002282	.0000558	-.000005	.002887	.0004051	-.000032
#2	-.002616	.0000510	-.000022	-.002929	.0002265	-.000275
#3	-.002228	.0000868	-.000008	-.003155	.0006687	.000128
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001159	-.003366	.0021433	.0063108	.0001608	.0000063
Stddev	.0001234	.003164	.0002998	.0058994	.0003586	.0002095
%RSD	106.4650	94.02052	13.98905	93.48140	222.9954	3348.599
#1	.0001962	-.000824	.0020688	.0097582	.0000420	.0001588
#2	.0001777	-.006910	.0018877	-.000501	-.000123	-.000233
#3	-.000026	-.002364	.0024733	.009675	.000564	.000093
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3026121	.0008145	-.000940	.2073611	-.009710	-.000391
Stddev	.0197080	.0011315	.000105	.0239973	.000744	.000137
%RSD	6.512624	138.9301	11.17319	11.57269	7.664663	35.04143
#1	.3239706	.0020512	-.000850	.1809007	-.010566	-.000283
#2	.2987347	-.000169	-.001055	.2277154	-.009220	-.000545
#3	.2851310	.000561	-.000914	.2134671	-.009343	-.000345

Sample Name: PB167161BL Acquired: 3/17/2025 17:00:44 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0001202	.0007572	-.004955	-.002066	F .0102017	.0045030
Stddev	.0005601	.0004481	.000937	.000835	.0028811	.0002180
%RSD	465.9757	59.16799	18.91905	40.41612	28.24141	4.841426
#1	-.000523	.0012603	-.004428	-.001225	.0117212	.0043579
#2	.000498	.0006101	-.004400	-.002079	.0120049	.0047537
#3	.000385	.0004012	-.006037	-.002894	.0068789	.0043974

Elem	Sr4077
Units	ppm
Avg	-.000208
Stddev	.000014
%RSD	6.613395
#1	-.000194
#2	-.000209
#3	-.000221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.574	65767.12	14177.33	1963.826	4707.124
Stddev	7.061	473.75	75.27	6.870	16.267
%RSD	.2316124	.7203508	.5308919	.3498429	.3455788
#1	3041.485	65220.14	14156.39	1955.894	4689.096
#2	3048.630	66032.93	14260.85	1967.703	4711.573
#3	3055.607	66048.27	14114.75	1967.882	4720.704

Sample Name: CCV03 Acquired: 3/17/2025 17:05:04 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	5.324397	5.350509	5.198001	5.224400	5.368085	10.40666	9.781067
Stddev	.014779	.017284	.026479	.014237	.019497	.01605	.059901
%RSD	.2775678	.3230270	.5094020	.2725123	.3631930	.1542315	.6124166
#1	5.335612	5.369776	5.204830	5.229931	5.381596	10.39072	9.787352
#2	5.329930	5.345382	5.220396	5.235042	5.376925	10.40645	9.837577
#3	5.307651	5.336369	5.168777	5.208228	5.345734	10.42282	9.718271
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2601006	2.565295	25.14671	1.086163	2.543691	1.305804	5.129731
Stddev	.0001955	.012395	.01703	.006354	.011727	.003212	.050308
%RSD	.0751800	.4831885	.0677312	.5849853	.4610360	.2459412	.9807065
#1	.2601049	2.568131	25.13156	1.079702	2.547052	1.308298	5.076704
#2	.2599030	2.576026	25.14343	1.092404	2.553371	1.306933	5.176787
#3	.2602940	2.551727	25.16515	1.086384	2.530651	1.302180	5.135701
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.431216	25.55264	2.531378	1.331076	26.38475	2.564279	2.679943
Stddev	.005699	.04348	.012656	.008639	.18877	.002711	.013701
%RSD	.2344167	.1701651	.4999684	.6490203	.7154328	.1057070	.5112481
#1	2.428786	25.57557	2.534655	1.322225	26.18391	2.565222	2.671267
#2	2.437728	25.57985	2.542072	1.339486	26.55852	2.561223	2.695738
#3	2.427135	25.50249	2.517405	1.331518	26.41182	2.566393	2.672824
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.47598	5.168783	5.341741	5.180262	5.037402	5.403572	5.296167
Stddev	.18556	.003230	.016345	.027176	.009506	.039431	.026678
%RSD	.7283859	.0624875	.3059921	.5246026	.1887058	.7297171	.5037276
#1	25.26979	5.165188	5.351551	5.183277	5.026842	5.363247	5.305867
#2	25.62956	5.169721	5.350800	5.205804	5.045276	5.442043	5.316638
#3	25.52859	5.171440	5.322872	5.151704	5.040088	5.405427	5.265996

Sample Name: CCV03 Acquired: 3/17/2025 17:05:04 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	5.045783	4.944138	4.973081
Stddev	.023186	.008042	.025696
%RSD	.4595077	.1626512	.5167012

#1	5.046571	4.934856	4.991096
#2	5.068565	4.949005	4.984491
#3	5.022213	4.948554	4.943656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.210	62968.05	13388.18	1840.731	4235.810
Stddev	8.154	375.25	8.94	9.773	18.686
%RSD	.2797070	.5959450	.0667654	.5309417	.4411330

#1	2912.131	63297.99	13383.11	1847.233	4233.581
#2	2909.043	62559.83	13382.94	1829.492	4218.339
#3	2924.455	63046.33	13398.51	1845.469	4255.510

Sample Name: CCB03 Acquired: 3/17/2025 17:09:14 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.000538	-.001425	.0002480	-.002783	-.001684	-.001831	-.002895
Stddev	.000999	.000833	.0002811	.002724	.000437	.002010	.000186
%RSD	185.6093	58.44426	113.3270	97.86850	25.93683	109.7659	6.423587

#1	-.001209	-.000464	.0005716	-.002315	-.001292	-.003630	-.002837
#2	-.001017	-.001930	.0001075	-.000324	-.001607	-.002202	-.002745
#3	.000610	-.001880	.0000649	-.005711	-.002155	.000338	-.003103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000379	-.000013	.0003921	.0001848	.0000670	-.000133	-.003765
Stddev	.0000144	.000015	.0077389	.0004042	.0002831	.000230	.002231
%RSD	37.98280	117.1345	1973.550	218.7422	422.5397	173.1409	59.26828

#1	.0000545	.000000	.0093106	.0002474	.0002566	-.000264	-.003245
#2	.0000302	-.000029	-.003581	-.000247	-.000258	.000133	-.001839
#3	.0000290	-.000010	-.004554	.000554	.000203	-.000267	-.006210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024328	.0095653	.0002869	.0004043	.1196712	.0002350	-.001044
Stddev	.0002986	.0103219	.0000480	.0001571	.0046507	.0001606	.000395
%RSD	12.27468	107.9095	16.71493	38.84075	3.886258	68.31803	37.81232

#1	.0027086	-.001697	.0002527	.0005374	.1239576	.0003964	-.001137
#2	.0021157	.011817	.0003417	.0002311	.1203296	.0002334	-.000611
#3	.0024740	.018575	.0002663	.0004446	.1147263	.0000753	-.001385

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724705	-.002377	-.000138	-.000183	.0007680	-.000686	-.003646
Stddev	.0254872	.000669	.000041	.001002	.0002211	.005273	.000719
%RSD	35.16906	28.13181	29.99877	547.4690	28.79371	768.2668	19.72480

#1	.0921894	-.003122	-.000140	.000934	.0010095	-.001262	-.003720
#2	.0815313	-.001830	-.000178	-.001005	.0007187	-.005648	-.002893
#3	.0436909	-.002178	-.000096	-.000478	.0005756	.004851	-.004326

Sample Name: CCB03 Acquired: 3/17/2025 17:09:14 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.007531	.0014966	-.000158
Stddev	.003112	.0013448	.000068
%RSD	41.32716	89.85663	43.34087
#1	-.009149	.0004116	-.000084
#2	-.009500	.0010770	-.000170
#3	-.003943	.0030011	-.000218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.256	64777.80	14374.46	1913.967	4712.958
Stddev	8.318	61.50	56.85	19.382	9.803
%RSD	.2736811	.0949382	.3954988	1.012685	.2079998
#1	3030.453	64732.10	14415.20	1891.704	4702.078
#2	3040.329	64847.72	14309.52	1923.111	4715.695
#3	3046.985	64753.58	14398.68	1927.086	4721.102

Sample Name: PB167161BS Acquired: 3/17/2025 17:13:34 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7703596	1.937633	.9337871	1.910582	.7934661	1.887097
Stddev	.0024121	.017552	.0041625	.003247	.0007454	.002489
%RSD	.3131156	.9058654	.4457628	.1699547	.0939410	.1318914

#1	.7697035	1.923190	.9361507	1.914112	.7936107	1.889755
#2	.7730318	1.932540	.9289809	1.907723	.7926590	1.884821
#3	.7683433	1.957168	.9362296	1.909911	.7941286	1.886715

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1737552	.1929375	.1865013	.9651342	.4015509	.1877360
Stddev	.0016458	.0000567	.0006339	.0099376	.0015336	.0005172
%RSD	.9471744	.0293665	.3399183	1.029657	.3819175	.2754991

#1	.1721275	.1928902	.1863031	.9712761	.4026350	.1878313
#2	.1737196	.1929220	.1859902	.9536690	.3997962	.1871778
#3	.1754185	.1930003	.1872107	.9704575	.4022214	.1881989

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3005603	2.894468	.1869036	1.874319	.4701042	.0751500
Stddev	.0011030	.003269	.0002742	.018024	.0017890	.0002142
%RSD	.3669845	.1129409	.1467189	.9616128	.3805457	.2850848

#1	.3000385	2.898193	.1866067	1.860605	.4689163	.0752935
#2	.2998150	2.893135	.1869564	1.867618	.4692346	.0749038
#3	.3018274	2.892076	.1871475	1.894733	.4721618	.0752528

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.996986	.2811891	.2007513	9.135531	.2724205	.3991320
Stddev	.004260	.0016765	.0019236	.015786	.0009436	.0010877
%RSD	.1421274	.5962133	.9581852	.1728032	.3463770	.2725243

#1	3.001369	.2822713	.2026558	9.149241	.2717995	.3985131
#2	2.996727	.2820381	.2007888	9.118272	.2735064	.3984949
#3	2.992862	.2792580	.1988092	9.139081	.2719557	.4003879

Sample Name: PB167161BS Acquired: 3/17/2025 17:13:34 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6647435	.1838949	.7712507	5.642666	F -.010521	.1860806
Stddev	.0033831	.0004550	.0065509	.028073	.002787	.0005308
%RSD	.5089352	.2474076	.8493820	.4975177	26.49369	.2852535
#1	.6642304	.1839598	.7752168	5.615072	-.012092	.1866488
#2	.6616462	.1843139	.7748460	5.641732	-.007302	.1855974
#3	.6683538	.1834109	.7636895	5.671195	-.012168	.1859958

Elem	Sr4077
Units	ppm
Avg	.1778751
Stddev	.0003280
%RSD	.1844111
#1	.1780675
#2	.1774964
#3	.1780614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.423	65137.94	13882.84	1943.396	4563.788
Stddev	5.496	62.42	26.93	5.172	12.284
%RSD	.1822489	.0958320	.1939664	.2661094	.2691526
#1	3018.702	65106.14	13881.30	1938.566	4566.323
#2	3018.489	65209.86	13910.51	1942.770	4574.606
#3	3009.079	65097.82	13856.72	1948.852	4550.435

Sample Name: Q1566-01 Acquired: 3/17/2025 17:17:36 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0420432	-.003063	.4066537	.0069818	-.009450	115.9172	.6030624
Stddev	.0015449	.001504	.0013713	.0042840	.000736	.3536	.0014228
%RSD	3.674528	49.12161	.3372036	61.35980	7.787620	.3050157	.2359351

#1	.0402747	-.001340	.4068229	.0025306	-.009674	116.3254	.6047007
#2	.0431298	-.003732	.4052056	.0110764	-.010048	115.7111	.6021364
#3	.0427252	-.004116	.4079325	.0073385	-.008628	115.7150	.6023501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070985	-.007462	49.17354	.1689766	.1092862	.2954106	229.6143
Stddev	.0001028	.000074	.13558	.0010945	.0008235	.0007837	.9834
%RSD	1.448315	.9974452	.2757144	.6476958	.7535494	.2652775	.4282630

#1	.0070674	-.007545	49.30917	.1690305	.1099487	.2958799	229.9654
#2	.0070148	-.007440	49.03801	.1678562	.1095457	.2958461	230.3739
#3	.0072132	-.007402	49.17343	.1700431	.1083642	.2945060	228.5035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.932296	44.02702	.1847009	-.002875	10.45050	.3555953	.5242888
Stddev	.014455	.17074	.0004138	.000129	.07337	.0005965	.0021975
%RSD	.3675928	.3878107	.2240335	4.486712	.7020667	.1677496	.4191438

#1	3.948983	44.21521	.1849617	-.002727	10.45424	.3562810	.5256817
#2	3.924276	43.88202	.1849171	-.002960	10.52192	.3551964	.5254291
#3	3.923629	43.98384	.1842238	-.002939	10.37533	.3553085	.5217555

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.496714	-.335522	.0054379	.0083936	3.648634	6.048910	6.752519
Stddev	.038848	.003355	.0002843	.0002965	.007224	.028610	.023177
%RSD	.4090668	1.000077	5.227163	3.531808	.1980042	.4729840	.3432355

#1	9.509244	-.338890	.0051099	.0082449	3.656941	6.071701	6.769099
#2	9.527752	-.332179	.0055921	.0087350	3.643821	6.058227	6.762423
#3	9.453148	-.335497	.0056117	.0082010	3.645139	6.016803	6.726036

Sample Name: Q1566-01 Acquired: 3/17/2025 17:17:36 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	2.466897	.2013795	-.000071
Stddev	.010771	.0005471	.000328
%RSD	.4366175	.2716902	464.2724

#1	2.474415	.2018932	.000079
#2	2.471718	.2008041	-.000447
#3	2.454558	.2014412	.000156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.321	73401.05	16765.17	2194.150	4152.632
Stddev	4.488	185.16	123.80	8.036	11.153
%RSD	.1319577	.2522537	.7384342	.3662268	.2685852

#1	3403.543	73259.49	16699.97	2188.221	4148.902
#2	3396.155	73610.58	16907.95	2190.934	4143.821
#3	3404.265	73333.07	16687.61	2203.296	4165.172

Sample Name: Q1568-01 Acquired: 3/17/2025 17:21:40 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0351713	.0003360	.6743314	.0062977	-.006817	82.45089	.5685116
Stddev	.0025576	.0001830	.0007642	.0051277	.000488	.05182	.0021396
%RSD	7.271788	54.47270	.1133320	81.42041	7.155305	.0628455	.3763565
#1	.0377739	.0002510	.6736991	.0006839	-.006851	82.50616	.5699511
#2	.0350787	.0002109	.6741144	.0074748	-.007286	82.44310	.5695309
#3	.0326613	.0005460	.6751807	.0107345	-.006313	82.40340	.5660529
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058307	-.006383	34.26555	.1958819	.0854451	.3201008	181.0884
Stddev	.0000860	.000098	.05046	.0003642	.0002941	.0008016	.2914
%RSD	1.474410	1.532371	.1472651	.1859258	.3441435	.2504338	.1609133
#1	.0058538	-.006482	34.29788	.1955071	.0853660	.3199106	181.4206
#2	.0059027	-.006380	34.29137	.1962345	.0857706	.3194114	180.9683
#3	.0057355	-.006287	34.20741	.1959040	.0851987	.3209805	180.8763
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.535883	35.59984	.1710490	-.001771	8.661888	.2669389	.6713148
Stddev	.004614	.09769	.0003089	.000512	.027311	.0026132	.0039446
%RSD	.1819628	.2744128	.1805882	28.90181	.3152977	.9789387	.5875956
#1	2.537528	35.49098	.1713947	-.001222	8.691523	.2672144	.6667969
#2	2.539449	35.62865	.1709519	-.001857	8.637731	.2641989	.6740751
#3	2.530671	35.67988	.1708003	-.002235	8.656410	.2694034	.6730723
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.873547	-.358417	.0037379	.0249515	2.793385	5.336167	4.084682
Stddev	.009250	.004669	.0001429	.0002914	.011743	.030135	.005515
%RSD	.1345803	1.302599	3.822316	1.167812	.4204021	.5647292	.1350051
#1	6.876987	-.353582	.0038209	.0252873	2.798962	5.339700	4.089032
#2	6.880585	-.362900	.0038198	.0248030	2.801301	5.304421	4.086533
#3	6.863070	-.358770	.0035729	.0247643	2.779893	5.364379	4.078480

Sample Name: Q1568-01 Acquired: 3/17/2025 17:21:40 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	1.993000	.1816445	-.019769
Stddev	.002326	.0013629	.000270
%RSD	.1167229	.7502946	1.364282
#1	1.990359	.1807408	-.019573
#2	1.993894	.1832121	-.019656
#3	1.994746	.1809806	-.020076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.939	71095.22	15972.14	2095.385	4209.005
Stddev	9.201	214.76	79.63	5.816	4.534
%RSD	.2875468	.3020700	.4985324	.2775777	.1077111
#1	3201.890	71326.68	16050.05	2101.772	4209.326
#2	3208.009	70902.41	15890.90	2090.393	4213.370
#3	3189.919	71056.56	15975.49	2093.990	4204.319

Sample Name: Q1568-01DUP Acquired: 3/17/2025 17:25:44 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0351542	.0005346	.6671747	.0060592	-.008317	83.70838	.5604308
Stddev	.0017957	.0025506	.0050143	.0027067	.003685	.25233	.0028503
%RSD	5.108187	477.0926	.7515756	44.67074	44.31136	.3014400	.5085895
#1	.0335967	.0011177	.6636723	.0044178	-.004111	83.41983	.5571947
#2	.0371185	-.002257	.6649330	.0045766	-.009857	83.88763	.5615296
#3	.0347475	.002743	.6729188	.0091833	-.010982	83.81769	.5625682
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058717	-.006030	34.49115	.1980154	.0854833	.3155261	180.5521
Stddev	.0000223	.000725	.06137	.0044852	.0004688	.0028906	3.7957
%RSD	.3793725	12.01905	.1779156	2.265092	.5483888	.9161283	2.102251
#1	.0058665	-.005482	34.42136	.1945355	.0852095	.3166345	177.7292
#2	.0058525	-.006852	34.51544	.2030772	.0860246	.3122453	184.8671
#3	.0058961	-.005757	34.53666	.1964333	.0852159	.3176985	179.0601
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.516826	36.08203	.1704448	-.001813	8.647313	.2688735	.6714769
Stddev	.010355	.06463	.0003545	.000292	.199858	.0024103	.0106522
%RSD	.4114416	.1791067	.2079993	16.08835	2.311216	.8964572	1.586382
#1	2.506709	36.01473	.1708523	-.001553	8.501223	.2661504	.6625838
#2	2.516364	36.14361	.1702071	-.002128	8.875073	.2697369	.6832824
#3	2.527404	36.08775	.1702750	-.001757	8.565644	.2707332	.6685646
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.835604	-.372770	.0038902	.0244292	2.926485	8.055892	3.989095
Stddev	.147489	.003319	.0001220	.0010179	.007822	.208680	.016717
%RSD	2.157654	.8904041	3.136779	4.166709	.2672664	2.590408	.4190685
#1	6.721771	-.371493	.0039617	.0237129	2.917488	7.906548	3.978444
#2	7.002222	-.370279	.0039596	.0239803	2.930308	8.294331	3.980478
#3	6.782819	-.376538	.0037493	.0255944	2.931660	7.966795	4.008362

Sample Name: Q1568-01DUP Acquired: 3/17/2025 17:25:44 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	1.958987	.1818726	-.020223
Stddev	.017906	.0024941	.003141
%RSD	.9140355	1.371359	15.53409
#1	1.957499	.1805984	-.018214
#2	1.941872	.1847464	-.023843
#3	1.977590	.1802729	-.018611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3236.991	71352.90	15962.39	2086.611	4280.235
Stddev	9.520	1275.72	59.34	35.847	9.829
%RSD	.2941035	1.787897	.3717330	1.717977	.2296462
#1	3234.152	72322.05	15954.90	2119.252	4283.248
#2	3247.608	69907.59	16025.12	2048.246	4288.206
#3	3229.214	71829.07	15907.15	2092.336	4269.252

Sample Name: Q1568-01LX5 Acquired: 3/17/2025 17:29:49 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0078650	-.000030	.1383895	.0027506	-.003597	18.21194	.1212355
Stddev	.0008527	.002683	.0019052	.0008032	.000416	.01135	.0009076
%RSD	10.84237	8992.191	1.376713	29.20028	11.56836	.0622986	.7485804

#1	.0083877	.000848	.1384930	.0027185	-.003150	18.19922	.1219782
#2	.0083264	-.003042	.1364346	.0035693	-.003973	18.21559	.1215045
#3	.0068810	.002105	.1402408	.0019639	-.003668	18.22102	.1202239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013977	-.002109	7.719800	.0436394	.0174883	.0720156	39.44792
Stddev	.0000523	.000098	.013752	.0003948	.0002378	.0008802	.16120
%RSD	3.740173	4.657731	.1781386	.9048013	1.359629	1.222212	.4086351

#1	.0014147	-.002017	7.712151	.0438015	.0177209	.0718334	39.26262
#2	.0013391	-.002213	7.735676	.0431893	.0172456	.0712408	39.52532
#3	.0014394	-.002096	7.711574	.0439274	.0174984	.0729727	39.55582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5694746	7.931485	.0347386	-.000357	1.877158	.0617371	.1465021
Stddev	.0012350	.026002	.0004728	.000143	.010462	.0001008	.0004507
%RSD	.2168592	.3278289	1.361109	39.99289	.5573069	.1632994	.3076563

#1	.5685280	7.955046	.0350853	-.000451	1.868733	.0617151	.1468006
#2	.5690242	7.903588	.0342000	-.000193	1.888868	.0618471	.1467220
#3	.5708715	7.935820	.0349304	-.000428	1.873874	.0616491	.1459836

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.455023	-.088006	.0003015	.0036430	.6547860	1.776720	.8028373
Stddev	.022503	.000772	.0000966	.0002670	.0030001	.022260	.0039861
%RSD	1.546561	.8768450	32.02551	7.329623	.4581805	1.252898	.4965060

#1	1.429102	-.088782	.0002092	.0037265	.6580593	1.802138	.8024242
#2	1.466423	-.087238	.0004018	.0033442	.6541315	1.767325	.7990737
#3	1.469546	-.087998	.0002934	.0038583	.6521671	1.760697	.8070139

Sample Name: Q1568-01LX5 Acquired: 3/17/2025 17:29:49 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.3813726	.0393851	-.003761
Stddev	.0027747	.0006109	.000107
%RSD	.7275612	1.551172	2.834082
#1	.3789578	.0389074	-.003658
#2	.3844036	.0400735	-.003755
#3	.3807563	.0391744	-.003871

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.247	67703.12	14842.62	2002.244	4522.290
Stddev	7.029	29.47	21.10	5.594	11.244
%RSD	.2279820	.0435231	.1421604	.2793890	.2486437
#1	3079.638	67684.38	14826.63	2005.930	4514.666
#2	3091.348	67737.08	14866.53	1995.807	4535.204
#3	3078.756	67687.90	14834.69	2004.994	4517.000

Sample Name: Q1568-01MS Acquired: 3/17/2025 17:34:02 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6974320	1.858944	1.490122	1.575285	.3286679	100.6917
Stddev	.0040406	.003740	.005031	.003983	.0017679	.4615
%RSD	.5793609	.2011768	.3376437	.2528413	.5378922	.4583449
#1	.6927910	1.856125	1.488402	1.571174	.3277247	100.7106
#2	.7001679	1.857519	1.495788	1.579126	.3307074	101.1434
#3	.6993371	1.863186	1.486176	1.575554	.3275717	100.2210
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8154636	.1696809	.1792846	30.10929	.5714922	.2755519
Stddev	.0059345	.0011961	.0004516	.15182	.0008464	.0006223
%RSD	.7277501	.7049073	.2518930	.5042463	.1481079	.2258449
#1	.8158496	.1694916	.1790432	30.12331	.5721169	.2753457
#2	.8211957	.1709603	.1798056	30.25362	.5718308	.2762512
#3	.8093455	.1685907	.1790049	29.95094	.5705289	.2750589
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5709076	177.9437	2.675732	36.62219	.6341198	.0639957
Stddev	.0006189	.8909	.018902	.16016	.0004362	.0005504
%RSD	.1084002	.5006460	.7064142	.4373412	.0687860	.8601095
#1	.5702928	178.7673	2.683504	36.75322	.6342390	.0645681
#2	.5715305	178.0657	2.689508	36.66970	.6344839	.0634702
#3	.5708996	176.9981	2.654183	36.44364	.6336364	.0639490
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08526	.5231208	.8559782	16.25400	-.186307	.3487190
Stddev	.03606	.0023068	.0047274	.05241	.001133	.0011993
%RSD	.3253005	.4409635	.5522809	.3224734	.6081459	.3439037
#1	11.11142	.5243601	.8505782	16.29883	-.185082	.3481816
#2	11.10023	.5245430	.8593698	16.26679	-.187317	.3500930
#3	11.04413	.5204593	.8579866	16.19637	-.186520	.3478825

Sample Name: Q1568-01MS Acquired: 3/17/2025 17:34:02 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6528266	2.803394	6.514628	F 10.28959	1.911377	.3702158
Stddev	.0004708	.018996	.014322	.01777	.014666	.0013174
%RSD	.0721174	.6776029	.2198447	.1726551	.7672911	.3558427
#1	.6526309	2.807077	6.502317	10.27597	1.917098	.3710407
#2	.6533636	2.820278	6.511220	10.30968	1.922321	.3709103
#3	.6524851	2.782826	6.530346	10.28312	1.894713	.3686965

Elem	Sr4077
Units	ppm
Avg	.1433320
Stddev	.0014941
%RSD	1.042399
#1	.1432615
#2	.1448601
#3	.1418744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.778	73450.02	15832.48	2144.552	4255.959
Stddev	4.628	134.97	67.03	7.847	2.768
%RSD	.1412844	.1837540	.4233726	.3658859	.0650283
#1	3281.065	73348.66	15829.20	2153.302	4252.851
#2	3273.807	73398.18	15767.15	2138.140	4256.868
#3	3272.461	73603.22	15901.09	2142.213	4258.158

Sample Name: Q1568-01MSD Acquired: 3/17/2025 17:38:02 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6971753	1.866962	1.488651	1.560146	.3261107	100.5648
Stddev	.0047694	.007668	.003303	.003494	.0026851	.3904
%RSD	.6840958	.4107355	.2218674	.2239541	.8233752	.3881688
#1	.7026551	1.871692	1.492057	1.563959	.3237167	100.7700
#2	.6939609	1.871079	1.485462	1.557099	.3290140	100.8098
#3	.6949097	1.858114	1.488433	1.559379	.3256015	100.1146
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8004413	.1718337	.1773359	29.99458	.5816018	.2742787
Stddev	.0039028	.0010482	.0006154	.20071	.0003680	.0010109
%RSD	.4875862	.6100280	.3470339	.6691629	.0632800	.3685701
#1	.8027499	.1716948	.1780464	30.10512	.5819807	.2752680
#2	.8026389	.1729444	.1769900	30.11571	.5815790	.2743207
#3	.7959352	.1708618	.1769712	29.76289	.5812456	.2732475
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5660537	182.8092	2.638891	36.71370	.6302078	.0659175
Stddev	.0017536	.3477	.016028	.26312	.0031902	.0001540
%RSD	.3097856	.1902225	.6073782	.7166880	.5062171	.2335436
#1	.5668169	183.0927	2.647342	36.86856	.6336774	.0658611
#2	.5672963	182.4212	2.648925	36.86265	.6295450	.0660917
#3	.5640479	182.9137	2.620406	36.40989	.6274011	.0657998
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.41450	.5178558	.8721805	16.61615	-.171688	.3467533
Stddev	.02883	.0031134	.0034605	.06243	.002610	.0010557
%RSD	.2525872	.6012109	.3967592	.3757117	1.520024	.3044443
#1	11.39670	.5192573	.8681848	16.59094	-.171521	.3478006
#2	11.39904	.5200221	.8741568	16.57027	-.174377	.3467697
#3	11.44777	.5142880	.8741999	16.68725	-.169165	.3456895

Sample Name: Q1568-01MSD Acquired: 3/17/2025 17:38:02 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6527385	2.793983	6.992180	F 10.30506	1.896439	.3690128
Stddev	.0024606	.015388	.008135	.03044	.006856	.0017459
%RSD	.3769594	.5507433	.1163503	.2953458	.3615428	.4731336
#1	.6544547	2.804305	6.989545	10.33465	1.902635	.3701006
#2	.6538414	2.801347	6.985688	10.30669	1.897609	.3699388
#3	.6499195	2.776297	7.001306	10.27384	1.889072	.3669989

Elem	Sr4077
Units	ppm
Avg	.1345756
Stddev	.0016227
%RSD	1.205803
#1	.1354170
#2	.1356047
#3	.1327049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.244	70213.20	15700.65	2079.861	4261.365
Stddev	8.727	41.31	110.37	3.113	11.543
%RSD	.2665443	.0588306	.7029651	.1496526	.2708656
#1	3266.499	70257.57	15662.55	2083.174	4249.298
#2	3272.532	70175.85	15614.37	2079.412	4262.499
#3	3283.700	70206.19	15825.02	2076.998	4272.299

Sample Name: Q1568-01A Acquired: 3/17/2025 17:43:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7355313	1.875733	1.570759	1.684914	.7203166	84.88710	.7138255
Stddev	.0013423	.010935	.003209	.009930	.0049974	.23159	.0039604
%RSD	.1824919	.5829912	.2043057	.5893333	.6937817	.2728224	.5548105

#1	.7370100	1.875381	1.567111	1.675665	.7220812	84.96732	.7147460
#2	.7351943	1.864978	1.573148	1.683670	.7146762	85.06791	.7172445
#3	.7343897	1.886840	1.572018	1.695407	.7241923	84.62606	.7094859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1720064	.1781309	34.96958	.5569954	.2721364	.5676935	183.1077
Stddev	.0006378	.0005955	.13908	.0020664	.0008521	.0022368	.8695
%RSD	.3707812	.3343199	.3977270	.3709915	.3131309	.3940203	.4748679

#1	.1727403	.1777102	35.00138	.5590010	.2717335	.5663225	182.7927
#2	.1716911	.1778703	35.09000	.5571121	.2715604	.5664832	184.0908
#3	.1715876	.1788123	34.81735	.5548731	.2731152	.5702747	182.4395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.645116	37.57987	.6306072	.0673871	11.37039	.5149136	.8468893
Stddev	.010263	.10652	.0023487	.0003893	.02138	.0026636	.0045656
%RSD	.3880040	.2834431	.3724526	.5777566	.1879988	.5172975	.5390972

#1	2.644647	37.55701	.6282251	.0672022	11.35737	.5163334	.8479760
#2	2.655606	37.69596	.6306757	.0671246	11.39506	.5165667	.8508135
#3	2.635095	37.48664	.6329210	.0678344	11.35874	.5118409	.8418785

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87420	-.135113	.3699892	.6935312	3.099885	9.827392	9.798592
Stddev	.07633	.001627	.0020934	.0019642	.009244	.029423	.042144
%RSD	.4808141	1.204410	.5657896	.2832185	.2981903	.2994009	.4301044

#1	15.88310	-.135891	.3689851	.6920244	3.104213	9.855168	9.760502
#2	15.94569	-.133243	.3685871	.6928165	3.106172	9.830448	9.791408
#3	15.79382	-.136205	.3723955	.6957527	3.089272	9.796560	9.843867

Sample Name: Q1568-01A Acquired: 3/17/2025 17:43:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	1.938694	.3484206	.1393643
Stddev	.001362	.0018552	.0010167
%RSD	.0702653	.5324575	.7294915

#1	1.938137	.3488216	.1402869
#2	1.937699	.3500425	.1395317
#3	1.940247	.3463977	.1382744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.926	69132.51	15617.61	2043.309	4214.097
Stddev	12.888	165.24	63.56	9.478	13.879
%RSD	.4036547	.2390236	.4069741	.4638746	.3293525

#1	3203.815	69031.80	15550.71	2045.981	4228.435
#2	3196.268	69042.51	15624.93	2032.782	4213.128
#3	3178.696	69323.21	15677.19	2051.165	4200.727

Sample Name: CCV04 Acquired: 3/17/2025 17:51:24 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	5.016624	4.970539	4.865928	4.902508	5.068887	9.643414	9.269805
Stddev	.008586	.022204	.017861	.006361	.017267	.024028	.184124
%RSD	.1711586	.4467077	.3670679	.1297406	.3406448	.2491631	1.986276

#1	5.007332	4.970771	4.853959	4.897852	5.057179	9.647315	9.466245
#2	5.018276	4.948221	4.857366	4.899917	5.060765	9.665252	9.101157
#3	5.024265	4.992627	4.886458	4.909755	5.088717	9.617674	9.242013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383630	2.393577	23.58041	1.012390	2.373173	1.228430	4.876901
Stddev	.0017919	.009786	.04944	.002124	.009728	.003327	.053880
%RSD	.7517380	.4088441	.2096706	.2097708	.4098961	.2707964	1.104804

#1	.2375056	2.387957	23.53300	1.011393	2.368832	1.225543	4.887200
#2	.2371610	2.387897	23.63166	1.014829	2.366371	1.227680	4.924889
#3	.2404225	2.404877	23.57657	1.010949	2.384315	1.232068	4.818615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268709	23.60608	2.356192	1.244403	25.03249	2.396676	2.510690
Stddev	.008925	.01632	.010598	.000690	.25502	.001516	.011719
%RSD	.3933775	.0691483	.4497831	.0554601	1.018774	.0632577	.4667594

#1	2.264220	23.58879	2.350824	1.244802	25.14665	2.398127	2.519258
#2	2.278987	23.60821	2.349353	1.243606	25.21050	2.396797	2.515475
#3	2.262921	23.62123	2.368400	1.244801	24.74033	2.395103	2.497335

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.25270	4.750723	5.023224	4.830543	4.724784	5.135838	4.936373
Stddev	.24657	.034529	.015994	.022632	.018668	.042424	.010934
%RSD	1.016670	.7268243	.3184031	.4685174	.3951180	.8260467	.2214994

#1	24.33637	4.726746	5.011919	4.821110	4.716981	5.117389	4.928960
#2	24.44654	4.735125	5.016229	4.814154	4.746089	5.184364	4.931227
#3	23.97518	4.790300	5.041524	4.856366	4.711284	5.105762	4.948930

Sample Name: CCV04 Acquired: 3/17/2025 17:51:24 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	4.693390	4.564066	4.702935
Stddev	.012340	.026424	.030555
%RSD	.2629171	.5789671	.6496988
#1	4.692507	4.571694	4.671896
#2	4.681516	4.585837	4.703927
#3	4.706148	4.534667	4.732982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.213	63979.41	13879.17	1874.230	4307.864
Stddev	4.984	127.66	70.89	6.989	9.247
%RSD	.1694044	.1995297	.5107914	.3728982	.2146638
#1	2947.281	63900.80	13918.45	1868.793	4311.780
#2	2942.041	63910.74	13921.72	1871.783	4314.508
#3	2937.317	64126.71	13797.33	1882.113	4297.302

Sample Name: CCB04 Acquired: 3/17/2025 17:55:35 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.001123	-.001303	-.000160	-.000246	.0001322	-.006670	-.003768
Stddev	.002485	.001208	.000668	.002833	.0019729	.003644	.000400
%RSD	221.2154	92.77927	418.3204	1150.179	1492.112	54.63437	10.60337
#1	-.000167	-.000109	.000611	.002980	-.001346	-.008739	-.003575
#2	.000742	-.001273	-.000577	-.002329	-.000630	-.002462	-.004227
#3	-.003944	-.002525	-.000513	-.001389	.002372	-.008808	-.003501
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000542	.0000172	.0005364	.0004550	.0000788	.0000837	-.002887
Stddev	.0000162	.0000879	.0066342	.0001410	.0001151	.0002951	.004763
%RSD	29.88379	512.0276	1236.854	30.98544	146.0478	352.4909	164.9795
#1	.0000640	-.000079	-.006878	.0005456	.0000505	-.000235	-.006595
#2	.0000632	.000094	.005912	.0002926	.0002054	.000137	-.004551
#3	.0000355	.000036	.002575	.0005269	-.000019	.000348	.002485
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022479	-.004746	.0000038	.0003409	.0874713	.0005435	-.001026
Stddev	.0003511	.006597	.0000746	.0000737	.0054913	.0007998	.000229
%RSD	15.62038	139.0005	1945.004	21.62434	6.277824	147.1557	22.29349
#1	.0026097	-.010345	.0000070	.0002558	.0934158	.0007039	-.001289
#2	.0019085	-.006421	-.000072	.0003844	.0864101	-.000324	-.000872
#3	.0022254	.002527	.000077	.0003825	.0825881	.001251	-.000918
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048928	-.003039	-.000044	.0004682	.0001890	.0021598	-.004480
Stddev	.0217063	.000642	.000148	.0002669	.0002045	.0062842	.002072
%RSD	20.69380	21.13402	339.6192	57.00936	108.1804	290.9594	46.25552
#1	.0866420	-.002381	.000075	.0004411	.0002725	-.000807	-.005080
#2	.1288958	-.003664	.000003	.0007476	.0003387	.009378	-.006185
#3	.0991404	-.003073	-.000210	.0002158	-.000044	-.002091	-.002173

Sample Name: CCB04 Acquired: 3/17/2025 17:55:35 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	-.009792	.0007442	-.000122
Stddev	.002178	.0008803	.000072
%RSD	22.24657	118.2779	59.45099

#1	-.012303	.0017444	-.000194
#2	-.008665	.0000872	-.000049
#3	-.008408	.0004011	-.000122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.577	65706.96	14460.97	1961.945	4744.733
Stddev	2.719	167.97	49.16	9.436	7.110
%RSD	.0884106	.2556289	.3399785	.4809307	.1498485

#1	3078.390	65520.16	14456.06	1953.110	4751.759
#2	3072.963	65845.54	14414.45	1960.840	4744.898
#3	3075.378	65755.19	14512.41	1971.884	4737.542

Sample Name: LR1 Acquired: 3/17/2025 17:59:43 Type: Unk
Method: NON EPA-6010-200.7(v2815) 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	.0375926	.0732203	.0218873	.0112045	-.022674	2102.927	.0151047
Stddev	.0107922	.0073760	.0061524	.0082379	.008962	9.526	.0016176
%RSD	28.70843	10.07374	28.10949	73.52331	39.52547	.4529929	10.70947
#1	.0274799	.0648594	.0201536	.0040121	-.024033	2106.722	.0135352
#2	.0363424	.0788070	.0287206	.0094095	-.030878	2092.088	.0150125
#3	.0489555	.0759945	.0167878	.0201919	-.013110	2109.970	.0167665
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081305	-.004897	1846.380	.0327640	.0309924	.0915535	1016.315
Stddev	.0001171	.001958	5.619	.0003315	.0005257	.0043238	8.656
%RSD	1.440324	39.97375	.3043039	1.011675	1.696125	4.722680	.8516929
#1	.0081948	-.004020	1844.469	.0328933	.0314028	.0949146	1008.489
#2	.0079953	-.007140	1841.966	.0330113	.0311745	.0866757	1025.612
#3	.0082013	-.003531	1852.705	.0323873	.0303999	.0930702	1014.843
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021821	1741.088	.0068974	-.039482	1842.256	.0183751	-.001008
Stddev	.001014	3.507	.0011640	.001918	4.363	.0011378	.002750
%RSD	4.647395	.2014501	16.87551	4.858225	.2368509	6.192197	272.8316
#1	-.020899	1744.151	.0071131	-.040731	1838.270	.0175022	-.003373
#2	-.022907	1741.851	.0079384	-.037274	1841.580	.0196619	-.001659
#3	-.021656	1737.262	.0056406	-.040442	1846.918	.0179611	.002009
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1372.168	^ *****	.0058841	.0005718	-.037100	.1482213	.1373802
Stddev	4.367	-----	.0009801	.0018641	.000518	.0062172	.0065191
%RSD	.3182494	-----	16.65695	326.0134	1.396422	4.194553	4.745294
#1	1372.024	^ -----	.0047841	-.001504	-.037537	.1410444	.1339038
#2	1376.605	^ -----	.0062036	.001115	-.037235	.1516589	.1333362
#3	1367.875	^ -----	.0066646	.002104	-.036528	.1519606	.1449007

Sample Name: LR1 Acquired: 3/17/2025 17:59:43 Type: Unk
Method: NON EPA-6010-200.7(v2815) 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	-.206145	.1222730	-.882121
Stddev	.009488	.0043510	.007502
%RSD	4.602372	3.558437	.8504012
#1	-.197558	.1192497	-.875233
#2	-.204546	.1272597	-.890114
#3	-.216330	.1203096	-.881016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.595	46050.73	11834.30	1330.919	2563.340
Stddev	7.870	86.11	38.71	4.168	8.427
%RSD	.3836119	.1869804	.3271006	.3131943	.3287356
#1	2052.697	46137.70	11869.45	1335.246	2565.320
#2	2058.857	46048.97	11840.64	1330.579	2570.600
#3	2043.233	45965.52	11792.81	1326.930	2554.099

Sample Name: LR2 Acquired: 3/17/2025 18:04:40 Type: Unk
Method: NON EPA-6010-200.7(v2815) 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	.0114969	-.001389	236.8710	-.004439	-.002913	.1675831	^F *****
Stddev	.0025279	.004415	.3064	.002831	.000855	.0028008	----
%RSD	21.98793	317.7688	.1293456	63.76335	29.33311	1.671283	----

#1	.0087170	-.006470	236.5304	-.007207	-.002710	.1704665	^ ----
#2	.0136579	.001513	236.9586	-.001550	-.003851	.1674098	^ ----
#3	.0121158	.000789	237.1241	-.004560	-.002179	.1648729	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002941	-.003301	.0541033	.0101084	.0064925	257.4467	.0022089
Stddev	.000044	.000037	.0036186	.0001413	.0006572	.4104	.0015406
%RSD	1.509172	1.120285	6.688365	1.398092	10.12193	.1593982	69.74552

#1	-.002893	-.003262	.0579025	.0100439	.0072215	257.8956	.0029186
#2	-.002950	-.003303	.0537101	.0100108	.0063105	257.0908	.0032667
#3	-.002981	-.003336	.0506974	.0102705	.0059456	257.3537	.0004413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.66698	-.102476	46.34649	.0018719	.4001289	-.010132	33.77456
Stddev	.19896	.015392	.08205	.0004414	.0299939	.001204	.21299
%RSD	.4356834	15.01990	.1770386	23.58249	7.496058	11.87986	.6306245

#1	45.83505	-.089395	46.25485	.0021731	.4296148	-.010674	33.76975
#2	45.44730	-.119437	46.41315	.0020774	.4011204	-.010970	33.98992
#3	45.71860	-.098596	46.37147	.0013652	.3696516	-.008753	33.56402

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4598314	-.008470	-.007762	-.005147	-.036975	-.015944	.3757841
Stddev	.0260668	.000430	.000329	.000705	.000261	.002634	.0100944
%RSD	5.668779	5.073768	4.240397	13.69735	.7058033	16.52307	2.686229

#1	.4503808	-.008021	-.007474	-.005136	-.036828	-.018275	.3730815
#2	.4893053	-.008513	-.007691	-.005857	-.037276	-.013086	.3869548
#3	.4398081	-.008877	-.008120	-.004447	-.036820	-.016471	.3673161

Sample Name: LR2 Acquired: 3/17/2025 18:04:40 Type: Unk
Method: NON EPA-6010-200.7(v2815) 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	.0178270	.0027677	.0014636
Stddev	.0082771	.0014526	.0000434
%RSD	46.42989	52.48191	2.961737
#1	.0120074	.0043281	.0014189
#2	.0273025	.0014547	.0015055
#3	.0141711	.0025204	.0014662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.676	67569.10	14909.90	1895.012	4481.334
Stddev	8.687	343.79	42.64	4.188	3.375
%RSD	.3052664	.5087968	.2859541	.2209864	.0753171
#1	2837.414	67350.14	14860.85	1892.581	4477.565
#2	2854.734	67391.82	14930.72	1899.848	4484.079
#3	2844.880	67965.35	14938.12	1892.607	4482.358

Sample Name: PB167132BL Acquired: 3/17/2025 18:10:06 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0006220	-.000164	.0030854	-.002912	-.001412	-.001424
Stddev	.0002797	.001240	.0006601	.002788	.001071	.005824
%RSD	44.95939	757.2950	21.39461	95.73931	75.86013	409.1049

#1	.0005535	.000202	.0023651	-.000665	-.002647	-.007919
#2	.0009296	-.001545	.0036615	-.002039	-.000848	.003332
#3	.0003830	.000852	.0032296	-.006032	-.000740	.000317

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005262	.0000414	.0000128	.0022796	.0004225	.0000662
Stddev	.000073	.0000339	.0000160	.0044012	.0003323	.0001172
%RSD	1.385385	81.84630	124.8851	193.0701	78.66679	177.0875

#1	-.005345	.0000287	.0000308	-.001856	.0004216	-.000066
#2	-.005206	.0000157	.0000076	.006905	.0000906	.000108
#3	-.005237	.0000799	.0000001	.001790	.0007552	.000157

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023548	.0014264	.0026336	.0078793	.0003831	.0003817
Stddev	.0001708	.0025708	.0000865	.0075350	.0002738	.0003160
%RSD	7.253124	180.2259	3.284168	95.63047	71.46933	82.80660

#1	.0022644	.0022913	.0025340	.0033644	.0006205	.0006828
#2	.0022482	.0034533	.0026770	.0165778	.0004451	.0004097
#3	.0025518	-.001465	.0026897	.0036956	.0000836	.0000525

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3084986	.0011201	-.000578	.2940781	-.009980	-.000334
Stddev	.0098838	.0006599	.000274	.0116863	.000381	.000066
%RSD	3.203856	58.91301	47.39001	3.973866	3.813267	19.66294

#1	.3196851	.0004781	-.000564	.2866502	-.009626	-.000279
#2	.3048641	.0010857	-.000311	.2880355	-.010383	-.000316
#3	.3009465	.0017965	-.000858	.3075485	-.009930	-.000407

Sample Name: PB167132BL Acquired: 3/17/2025 18:10:06 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0003002	.0003339	-.001816	-.002419	F -.010539	.0035704
Stddev	.0006758	.0002395	.005457	.000613	.001383	.0005380
%RSD	225.0994	71.71844	300.5028	25.35157	13.12113	15.06691
#1	.0007009	.0002090	.004202	-.003124	-.011696	.0029507
#2	-.000480	.0006101	-.006442	-.002122	-.009007	.0038429
#3	.000680	.0001828	-.003208	-.002011	-.010912	.0039176

Elem	Sr4077
Units	ppm
Avg	-.000138
Stddev	.000062
%RSD	45.25235
#1	-.000074
#2	-.000198
#3	-.000141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.988	68432.93	14971.30	1995.879	4872.962
Stddev	5.215	175.54	15.90	3.774	6.589
%RSD	.1673506	.2565136	.1062153	.1891083	.1352152
#1	3110.286	68251.37	14978.96	1997.305	4865.358
#2	3117.163	68601.75	14981.92	1998.732	4876.545
#3	3120.514	68445.66	14953.02	1991.599	4876.983

Sample Name: PB167132BS Acquired: 3/17/2025 18:14:25 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.7785733	1.938999	.9269308	1.927858	.8093434	1.860330
Stddev	.0065444	.003217	.0026589	.003427	.0020501	.008190
%RSD	.8405603	.1659315	.2868517	.1777731	.2533070	.4402285

#1	.7742047	1.941882	.9288870	1.923957	.8086304	1.861289
#2	.7754176	1.935529	.9239034	1.930386	.8077449	1.867998
#3	.7860975	1.939587	.9280021	1.929230	.8116548	1.851703

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715252	.1840587	.1838463	.9405241	.3988995	.1850276
Stddev	.0013025	.0007975	.0004613	.0063554	.0006129	.0003389
%RSD	.7593538	.4332692	.2509070	.6757267	.1536546	.1831701

#1	.1714267	.1836661	.1839434	.9409017	.3993694	.1849649
#2	.1728741	.1849764	.1833441	.9466823	.3991230	.1847245
#3	.1702747	.1835337	.1842512	.9339884	.3982062	.1853935

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3015034	2.911610	.1805707	1.796283	.4617616	.0749994
Stddev	.0005906	.016580	.0010362	.010978	.0014330	.0002074
%RSD	.1958955	.5694492	.5738442	.6111452	.3103450	.2764728

#1	.3011461	2.899933	.1798727	1.808956	.4619649	.0752373
#2	.3011789	2.930588	.1817613	1.790184	.4602378	.0749041
#3	.3021851	2.904309	.1800781	1.789709	.4630821	.0748568

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120094	.2767666	.1999296	9.420341	.2568094	.4006225
Stddev	.010359	.0027122	.0009491	.039959	.0013469	.0012053
%RSD	.3320053	.9799743	.4747006	.4241828	.5244596	.3008466

#1	3.109376	.2737062	.2009716	9.398006	.2553710	.4007457
#2	3.130052	.2777208	.1997025	9.466474	.2580407	.3993603
#3	3.120855	.2788727	.1991147	9.396542	.2570166	.4017614

Sample Name: PB167132BS Acquired: 3/17/2025 18:14:25 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6567310	.1828309	.7814477	5.630826	F -.015943	.1827659
Stddev	.0021333	.0007873	.0014460	.027761	.003893	.0017097
%RSD	.3248310	.4306176	.1850455	.4930140	24.41842	.9354372
#1	.6566325	.1828257	.7800763	5.622360	-.020420	.1807918
#2	.6546487	.1836208	.7829583	5.608284	-.014053	.1837654
#3	.6589118	.1820462	.7813084	5.661834	-.013356	.1837404

Elem	Sr4077
Units	ppm
Avg	.1780834
Stddev	.0011675
%RSD	.6555640
#1	.1772346
#2	.1794148
#3	.1776008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.394	66791.24	14790.97	1971.988	4673.802
Stddev	6.244	49.53	62.19	6.064	14.307
%RSD	.2043527	.0741544	.4204681	.3075044	.3061114
#1	3050.704	66812.00	14826.88	1965.181	4661.613
#2	3062.481	66734.71	14719.16	1976.814	4689.554
#3	3052.997	66827.01	14826.86	1973.968	4670.238

Sample Name: CCV05 Acquired: 3/17/2025 18:18:27 Type: Unk
Method: NON EPA-6010-200.7(v2811) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050991	4.938255	4.871660	4.963963	5.143794	9.708916	9.498484
Stddev	.011587	.071526	.013453	.019598	.014674	.016435	.084024
%RSD	.2294020	1.448415	.2761554	.3948072	.2852846	.1692794	.8846087

#1	5.040462	4.999125	4.872205	4.946261	5.127409	9.725436	9.553007
#2	5.049105	4.859476	4.857943	4.960603	5.148245	9.708746	9.540724
#3	5.063405	4.956164	4.884833	4.985023	5.155727	9.692567	9.401720

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361758	2.388350	23.63123	1.015333	2.377593	1.236363	4.962501
Stddev	.0010063	.008882	.09419	.002494	.010489	.003324	.021010
%RSD	.4260695	.3718736	.3985681	.2456391	.4411420	.2688317	.4233714

#1	.2365849	2.385620	23.69184	1.018191	2.373450	1.232994	4.986600
#2	.2369131	2.381154	23.67914	1.013598	2.369809	1.236456	4.948038
#3	.2350294	2.398276	23.52272	1.014209	2.389521	1.239639	4.952863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.256459	23.35646	2.359884	1.264937	25.85975	2.404837	2.542797
Stddev	.011692	.12558	.009676	.003040	.12180	.007076	.005901
%RSD	.5181490	.5376659	.4100322	.2403502	.4710042	.2942597	.2320538

#1	2.266069	23.45386	2.354032	1.267379	25.96984	2.409240	2.535991
#2	2.259866	23.40080	2.354566	1.265902	25.72891	2.408598	2.546485
#3	2.243442	23.21473	2.371053	1.261532	25.88052	2.396674	2.545913

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.11457	4.735966	5.071918	4.832063	4.763310	5.248829	4.925594
Stddev	.19248	.019413	.012852	.018921	.018083	.016980	.036337
%RSD	.7664043	.4098997	.2533960	.3915751	.3796340	.3235087	.7377261

#1	25.29937	4.724425	5.064209	4.833926	4.779693	5.248396	4.904358
#2	24.91523	4.758378	5.064792	4.812280	4.766330	5.232068	4.904872
#3	25.12911	4.725094	5.086755	4.849985	4.743907	5.266021	4.967552

Sample Name: CCV05 Acquired: 3/17/2025 18:18:27 Type: Unk
Method: NON EPA-6010-200.7(v2811) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.702476	4.587746	4.742884
Stddev	.027281	.007872	.025433
%RSD	.5801376	.1715908	.5362401
#1	4.694825	4.596741	4.763208
#2	4.679837	4.582111	4.751082
#3	4.732765	4.584386	4.714363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.671	64964.63	14476.04	1895.094	4424.798
Stddev	10.564	289.74	67.85	3.900	17.212
%RSD	.3511186	.4459951	.4686757	.2057768	.3889785
#1	3019.421	64634.71	14433.05	1890.605	4435.159
#2	3008.288	65081.47	14440.82	1897.033	4434.306
#3	2998.303	65177.70	14554.25	1897.645	4404.931

Sample Name: CCB05 Acquired: 3/17/2025 18:22:37 Type: Unk
Method: NON EPA-6010-200.7(v2811) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

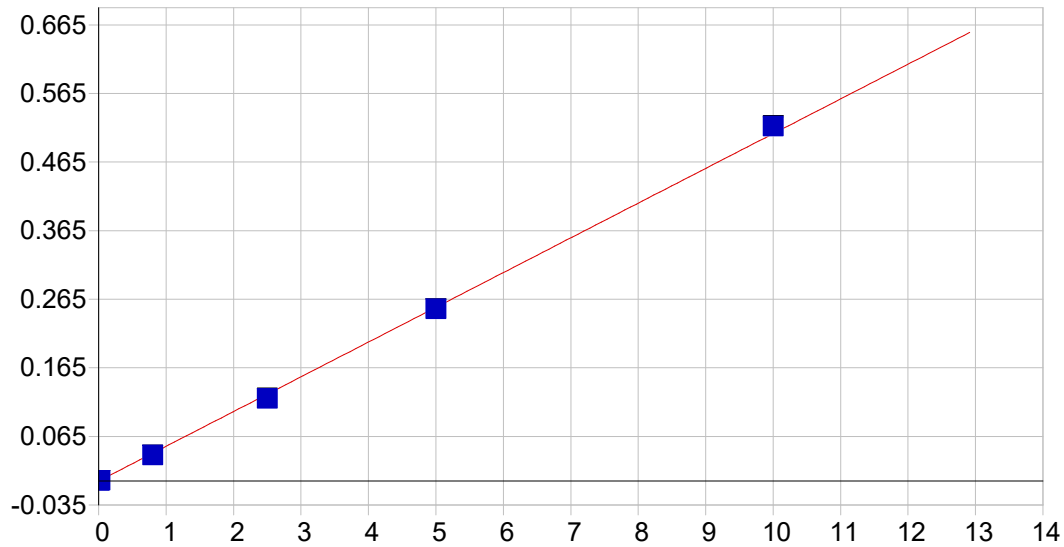
Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000202	-.000947	.0004991	-.002243	-.001789	-.004024
Stddev	.000102	.000392	.0004114	.000944	.000136	.001537
%RSD	50.60031	41.35809	82.42516	42.09253	7.590094	38.19510
#1	-.000089	-.000731	.0002990	-.003330	-.001652	-.005799
#2	-.000288	-.001399	.0002260	-.001621	-.001792	-.003106
#3	-.000228	-.000711	.0009723	-.001779	-.001923	-.003168
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005643	.0000041	.0000115	.0019788	.0000777	.0000224
Stddev	.000445	.0000075	.0000399	.0026110	.0004445	.0000487
%RSD	7.888188	182.0347	347.3022	131.9468	571.8813	217.3928
#1	-.005936	.0000030	.0000393	.0044016	.0005540	-.000034
#2	-.005131	.0000121	.0000294	-.000787	.0000055	.000054
#3	-.005862	-.000003	-.000034	.002321	-.000326	.000047
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002099	-.003387	.0022881	.0160108	.0001299	.0003020
Stddev	.0004316	.004757	.0001499	.0137992	.0001500	.0002362
%RSD	205.6579	140.4365	6.552984	86.18682	115.4664	78.19465
#1	.0001480	.001841	.0021778	.0313895	.0002484	.0003969
#2	.0006691	-.007461	.0024588	.0119321	-.000039	.0004760
#3	-.000187	-.004542	.0022276	.0047107	.000180	.0000332
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1319990	.0001913	-.001207	.1253917	-.004270	-.000072
Stddev	.0063970	.0006943	.000238	.0172943	.000176	.000176
%RSD	4.846218	362.9135	19.67653	13.79221	4.118636	244.0605
#1	.1253624	-.000264	-.001375	.1408523	-.004188	-.000004
#2	.1381259	-.000152	-.000935	.1286077	-.004151	-.000272
#3	.1325086	.000990	-.001311	.1067152	-.004472	.000059

Sample Name: CCB05 Acquired: 3/17/2025 18:22:37 Type: Unk
Method: NON EPA-6010-200.7(v2811) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003505	.0005736	-.004587	-.003023	F -.011635	.0011336
Stddev	.0008284	.0006896	.007584	.000645	.003442	.0004793
%RSD	236.3604	120.2263	165.3434	21.34255	29.58613	42.28334
#1	.0008710	-.000208	.001663	-.002879	-.009179	.0010765
#2	.0007853	.000832	-.002400	-.003728	-.015570	.0016389
#3	-.000605	.001097	-.013023	-.002462	-.010157	.0006854

Elem	Sr4077
Units	ppm
Avg	-.000100
Stddev	.000036
%RSD	35.87651
#1	-.000101
#2	-.000064
#3	-.000136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.082	68502.98	15063.17	2017.223	4829.709
Stddev	6.912	350.62	7.00	11.304	8.327
%RSD	.2217390	.5118258	.0464663	.5603922	.1724140
#1	3116.904	68838.30	15068.04	2025.901	4827.679
#2	3110.260	68531.77	15066.32	2021.327	4822.585
#3	3124.081	68138.85	15055.15	2004.439	4838.864

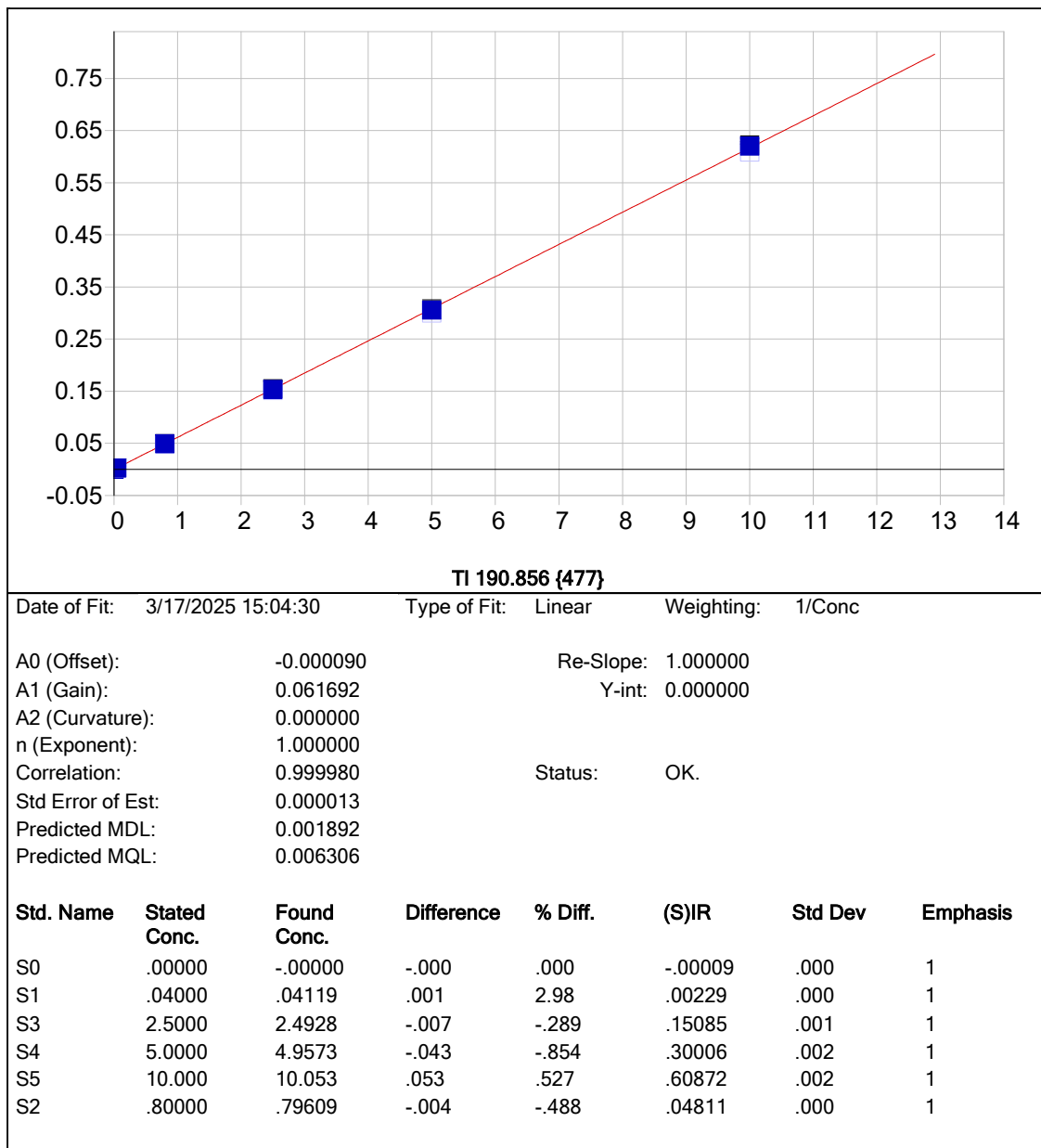


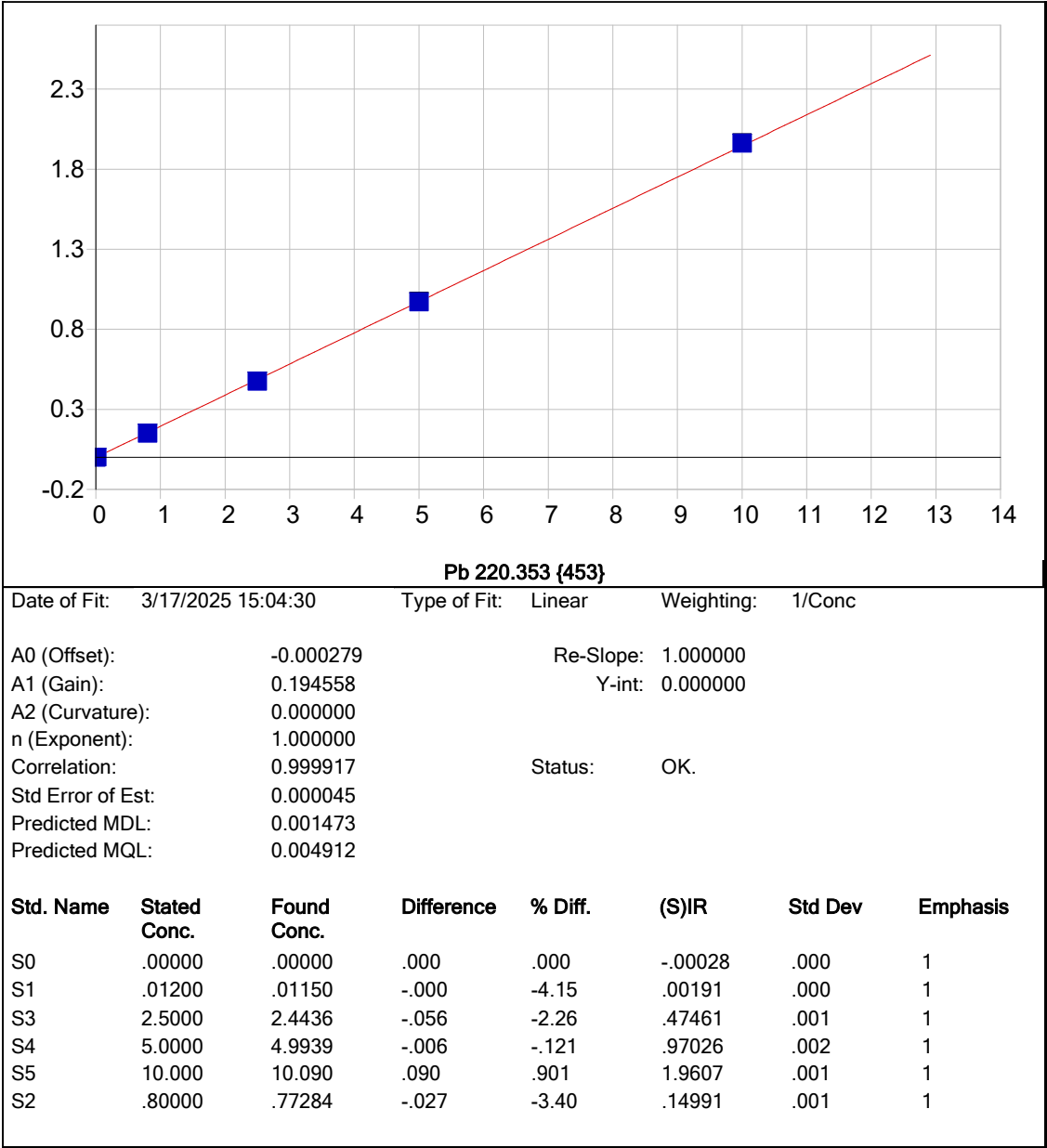
As 189.042 {479}

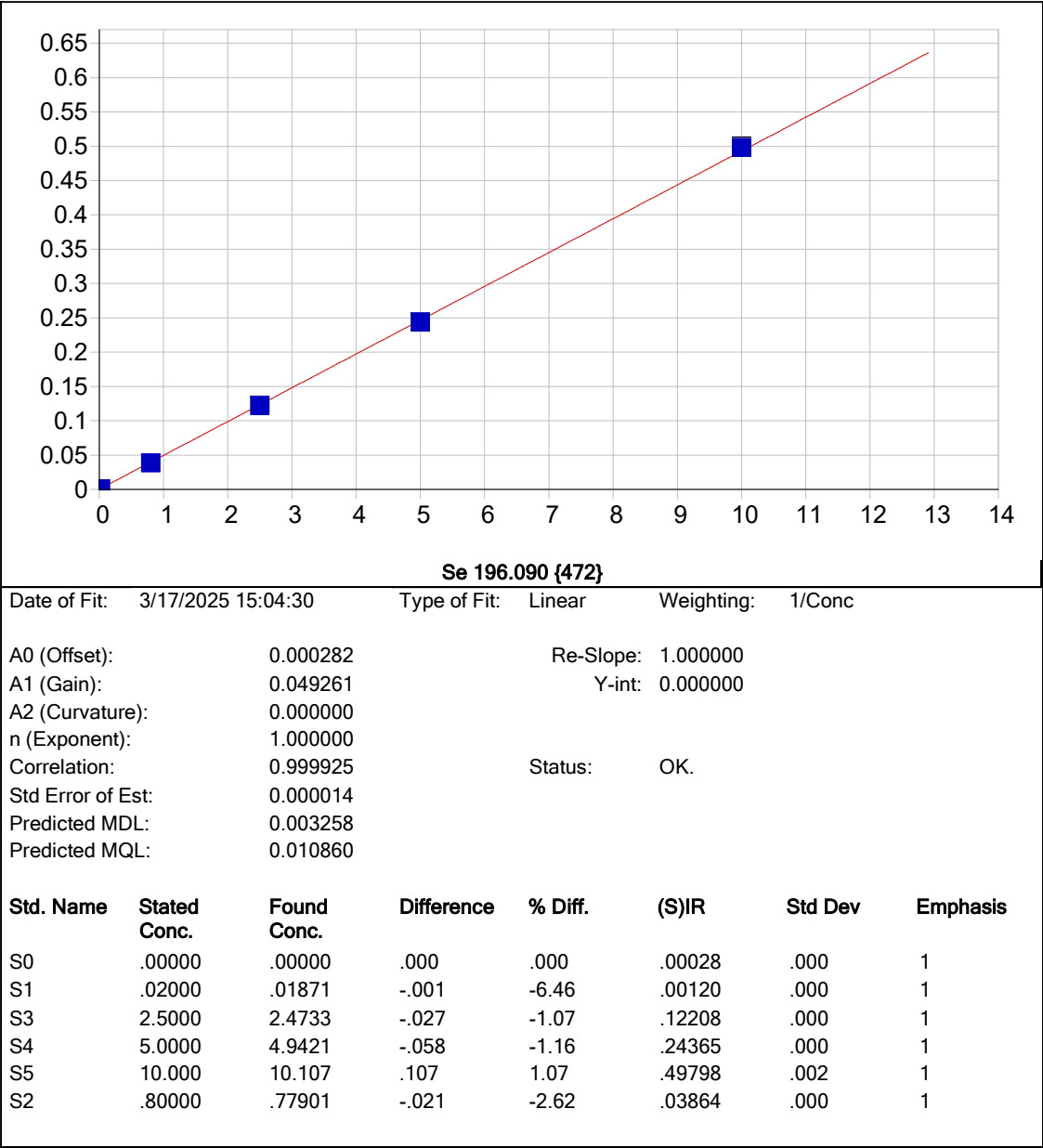
Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

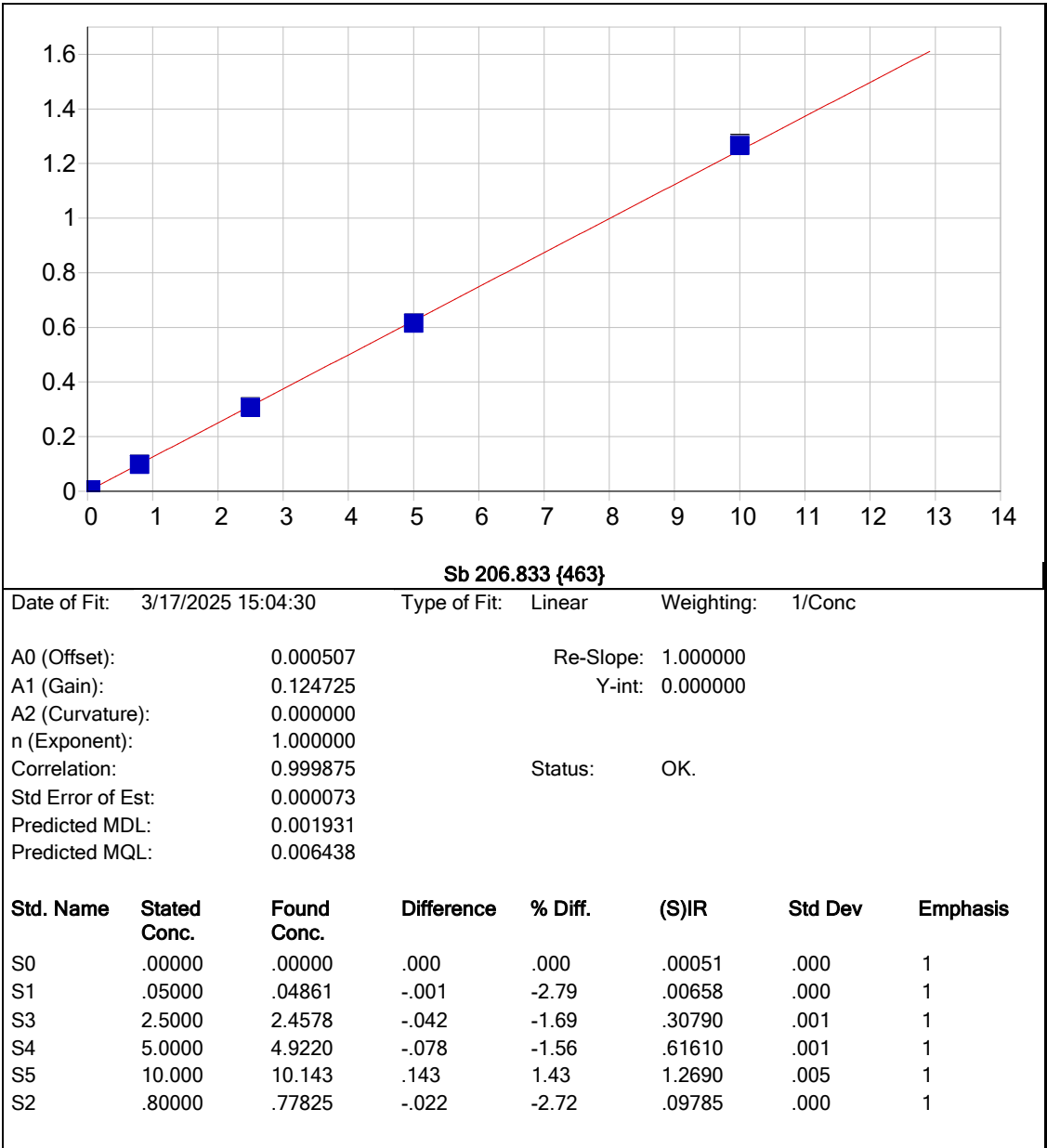
A0 (Offset): -0.000102 Re-Slope: 1.000000
A1 (Gain): 0.050648 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999602 Status: OK.
Std Error of Est: 0.000033
Predicted MDL: 0.002611
Predicted MQL: 0.008704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.01941	-.001	-2.94	.00088	.000	1
S3	2.5000	2.3808	-.119	-4.77	.12034	.000	1
S4	5.0000	4.9582	-.042	-.835	.25075	.000	1
S5	10.000	10.217	.217	2.17	.51681	.001	1
S2	.80000	.74478	-.055	-6.90	.03758	.000	1



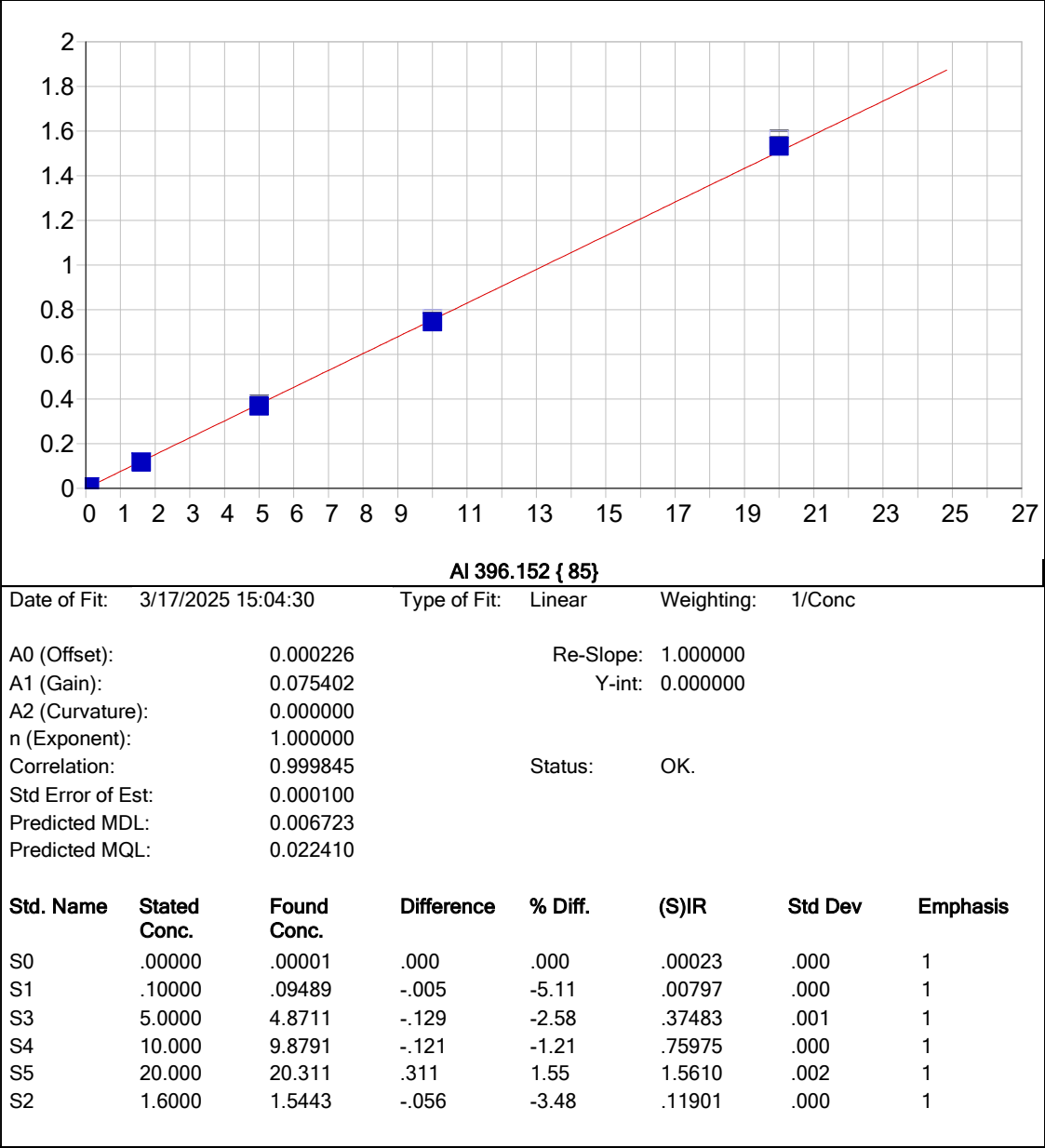


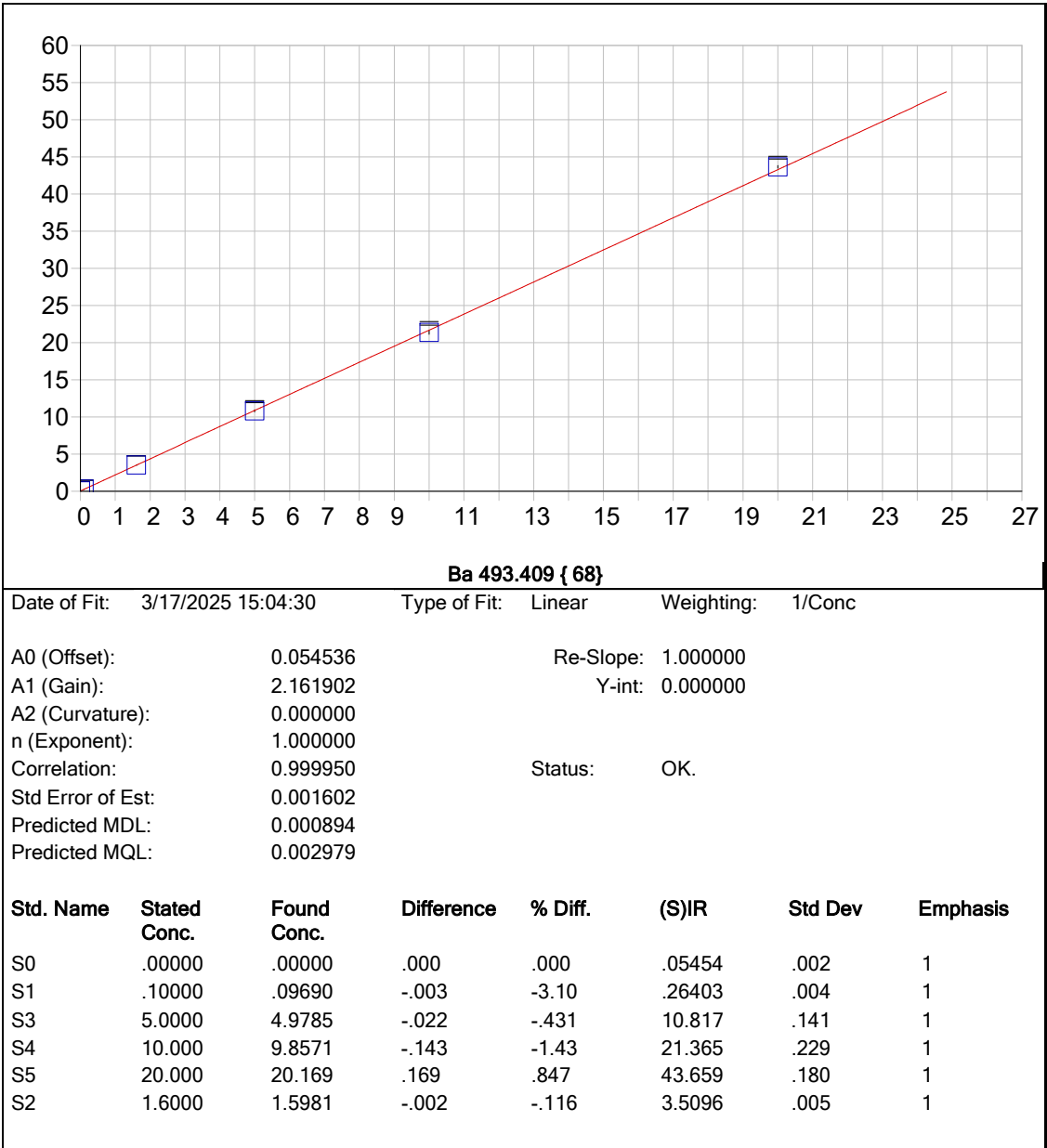


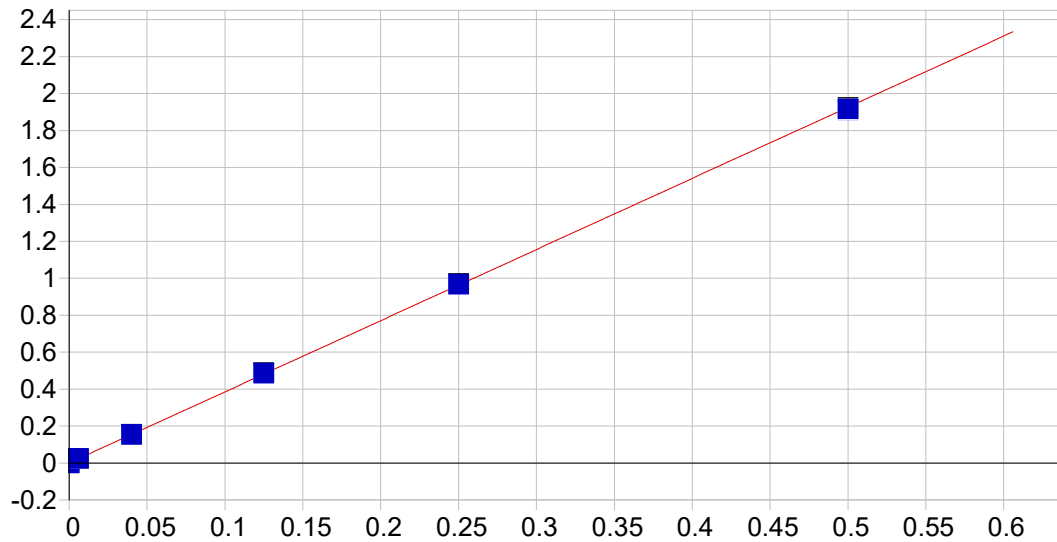


Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000507 Re-Slope: 1.000000
A1 (Gain): 0.124725 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999875 Status: OK.
Std Error of Est: 0.000073
Predicted MDL: 0.001931
Predicted MQL: 0.006438





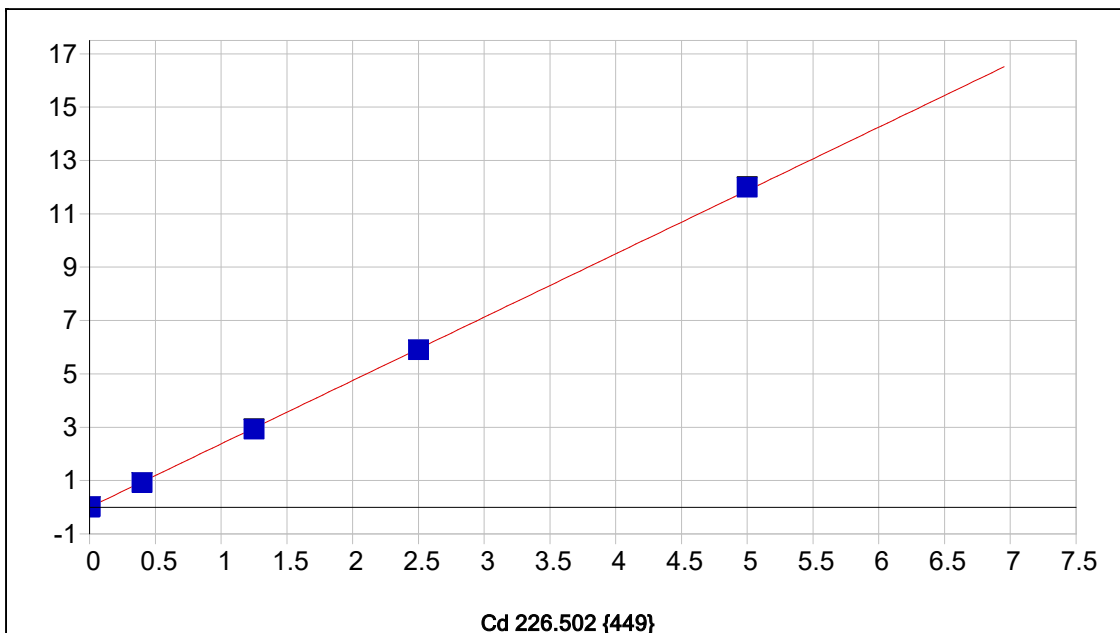


Be 234.861 {144}

Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000116 Re-Slope: 1.000000
A1 (Gain): 3.852663 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999985 Status: OK.
Std Error of Est: 0.000059
Predicted MDL: 0.000052
Predicted MQL: 0.000174

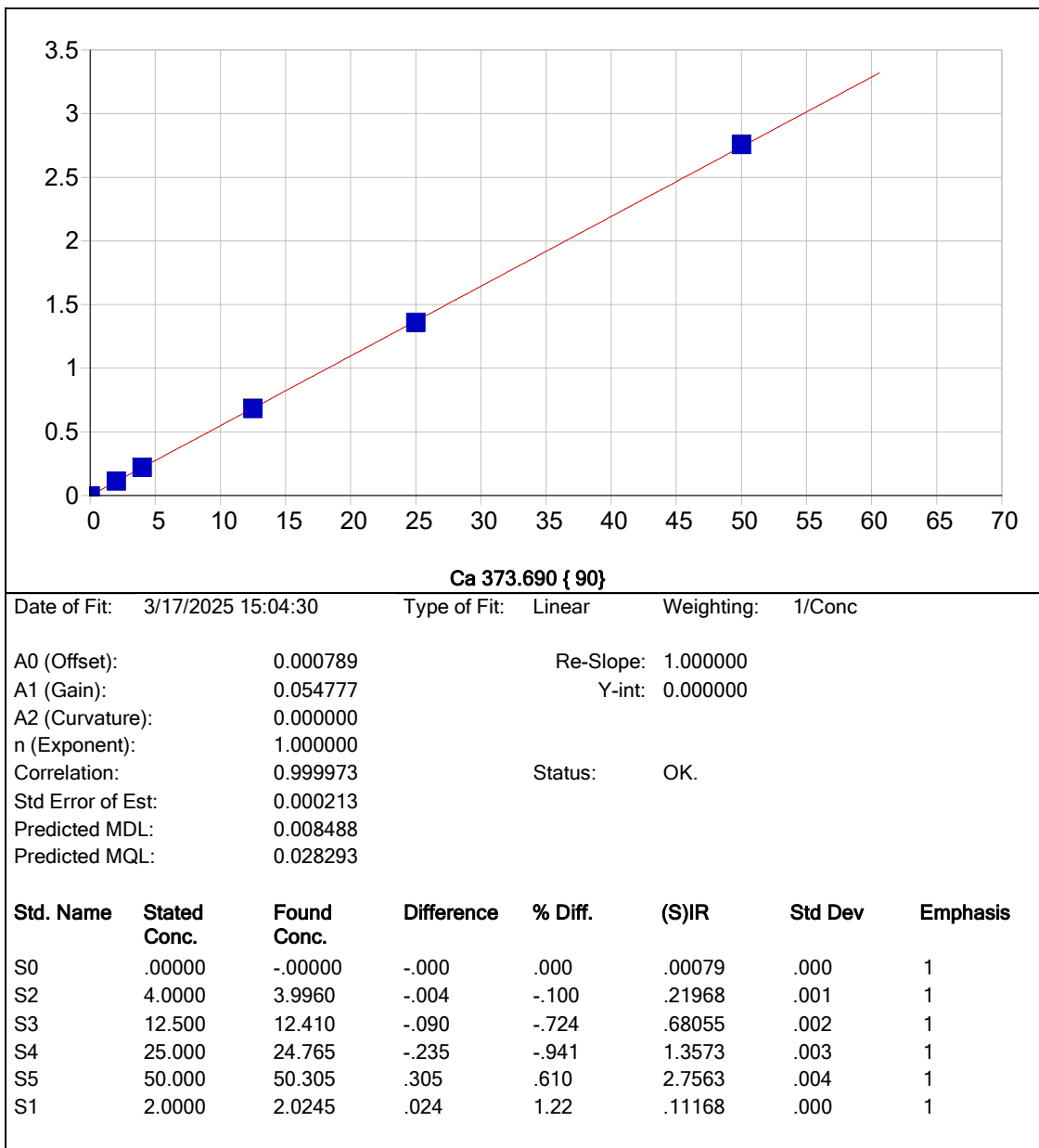
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.00600	.00602	.000	.271	.02289	.000	1
S3	.12500	.12608	.001	.860	.48345	.002	1
S4	.25000	.25128	.001	.510	.96365	.003	1
S5	.50000	.49769	-.002	-.461	1.9087	.007	1
S2	.04000	.03994	-.000	-.153	.15306	.001	1

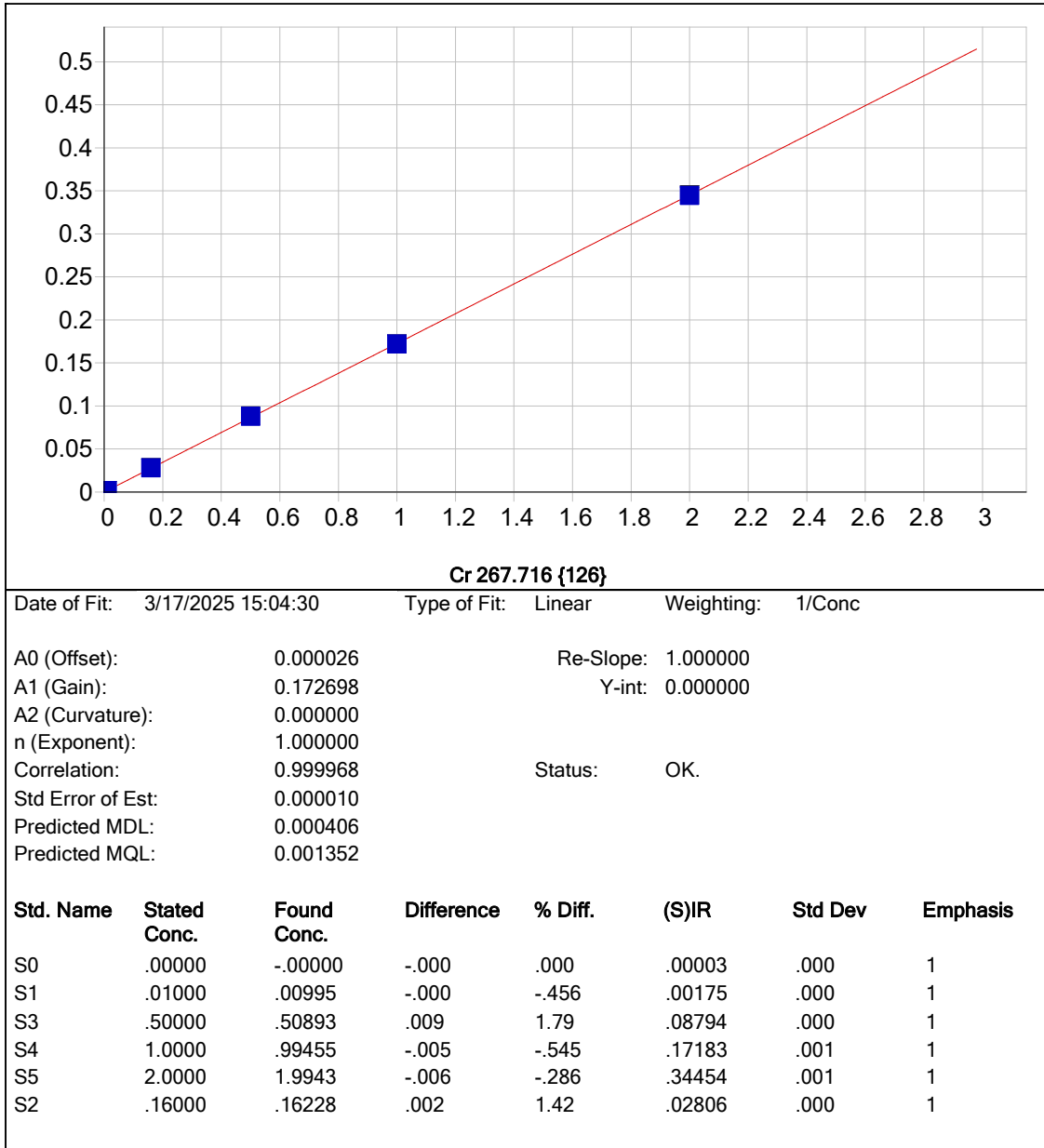


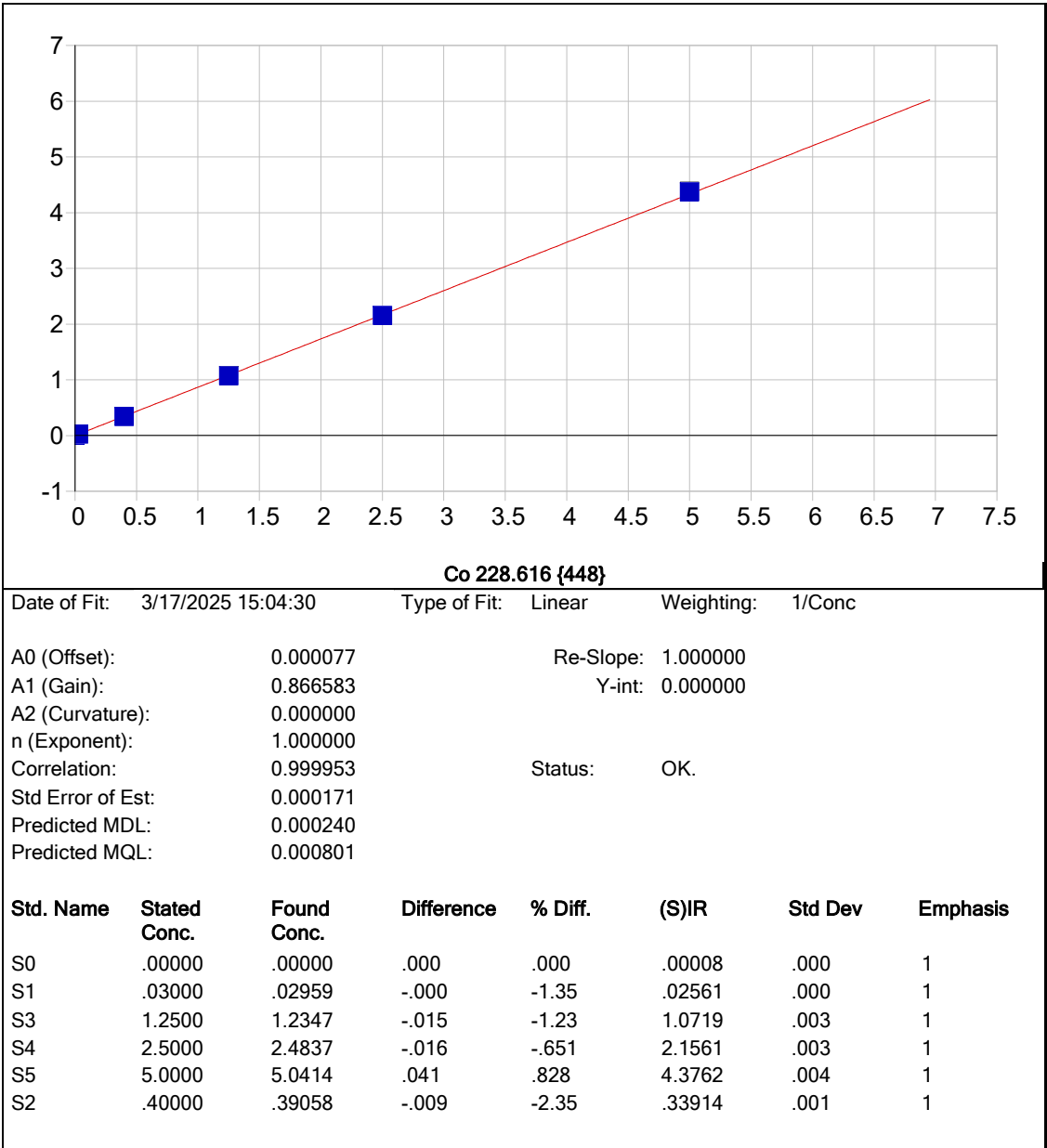
Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

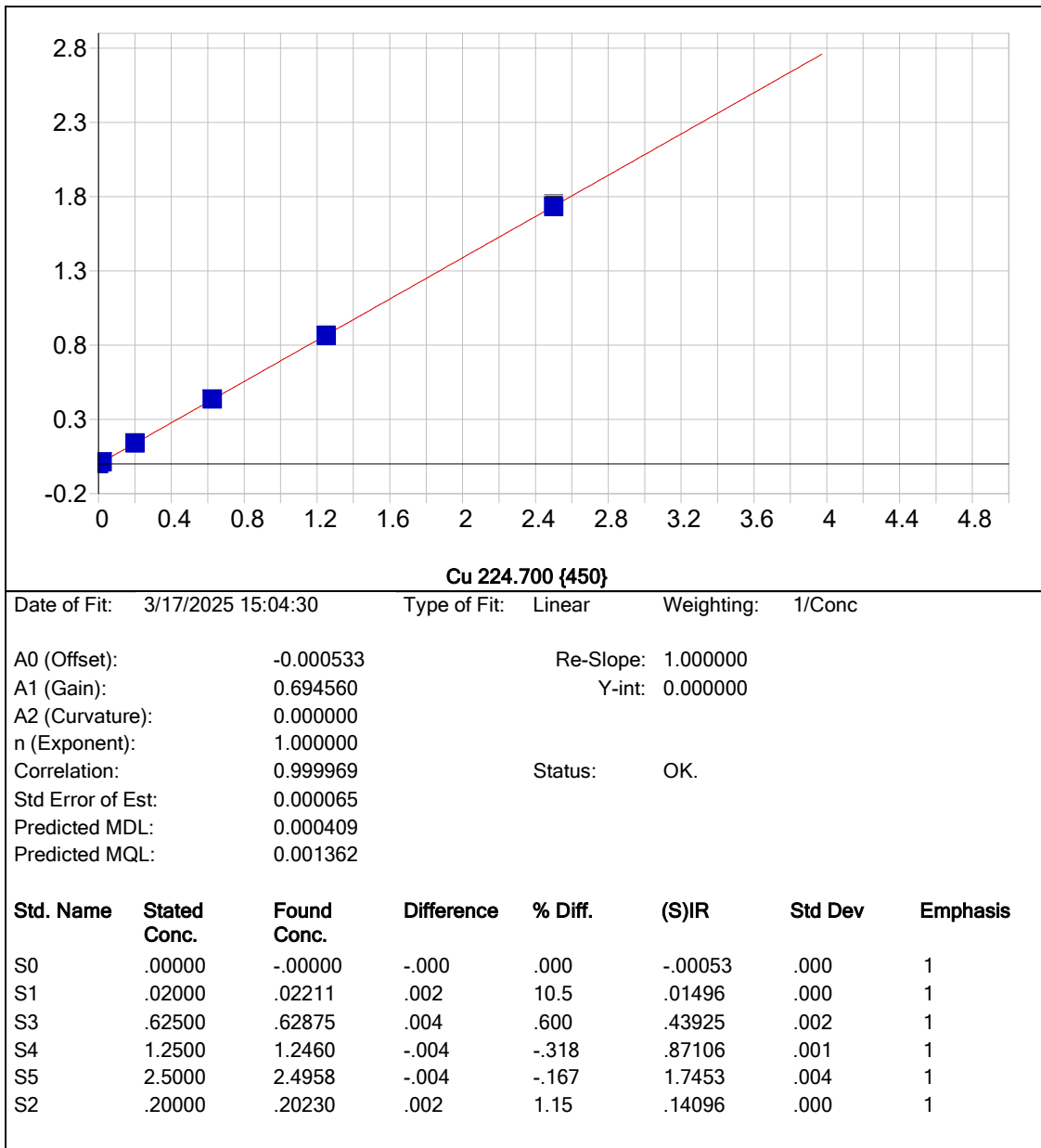
A0 (Offset): -0.000097 Re-Slope: 1.000000
A1 (Gain): 2.374916 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999928 Status: OK.
Std Error of Est: 0.000260
Predicted MDL: 0.000083
Predicted MQL: 0.000276

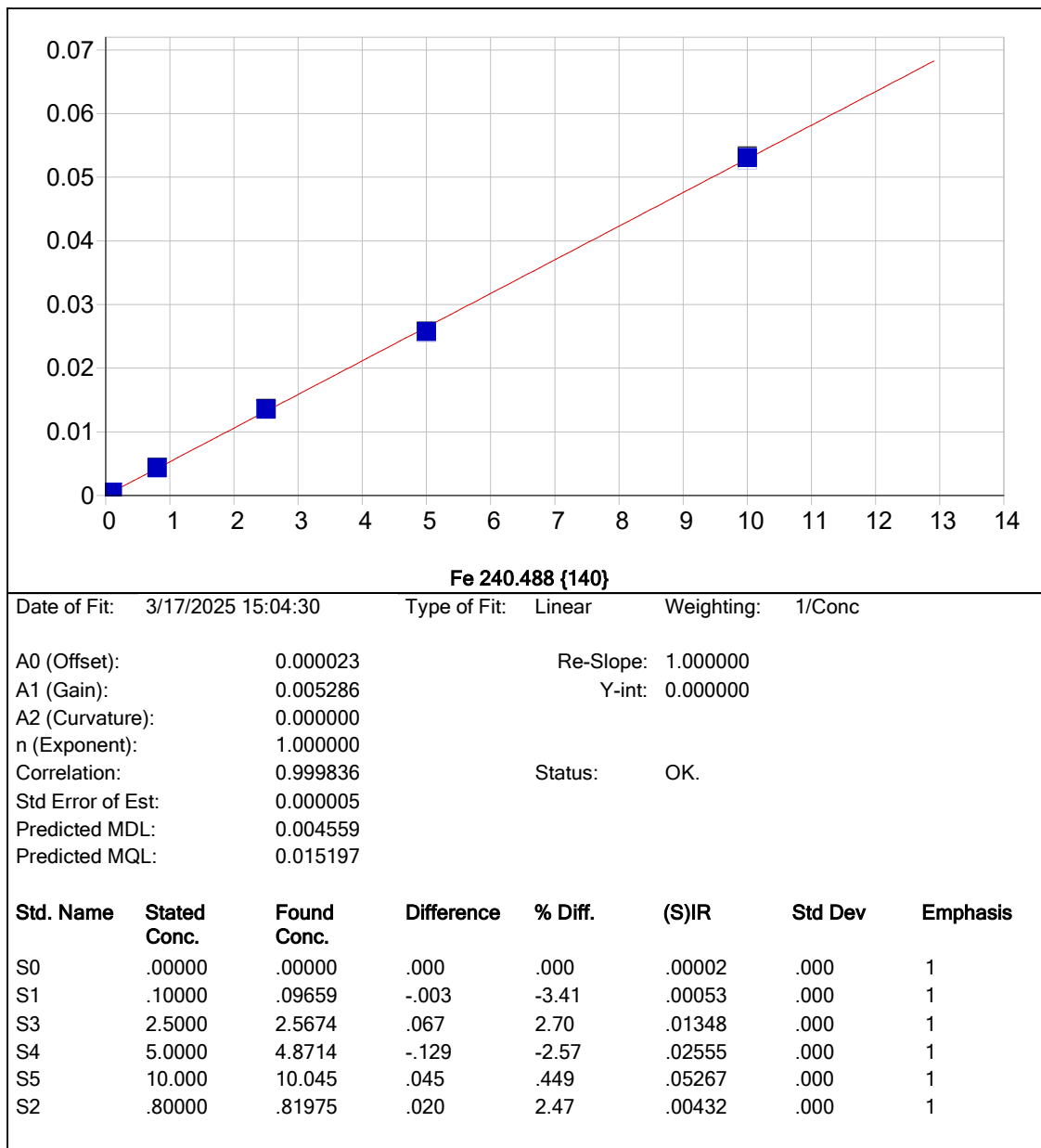
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.00600	.00587	-.000	-2.22	.01391	.000	1
S3	1.2500	1.2304	-.020	-1.57	2.9246	.007	1
S4	2.5000	2.4855	-.014	-.579	5.9081	.007	1
S5	5.0000	5.0480	.048	.960	11.999	.013	1
S2	.40000	.38622	-.014	-3.44	.91799	.002	1

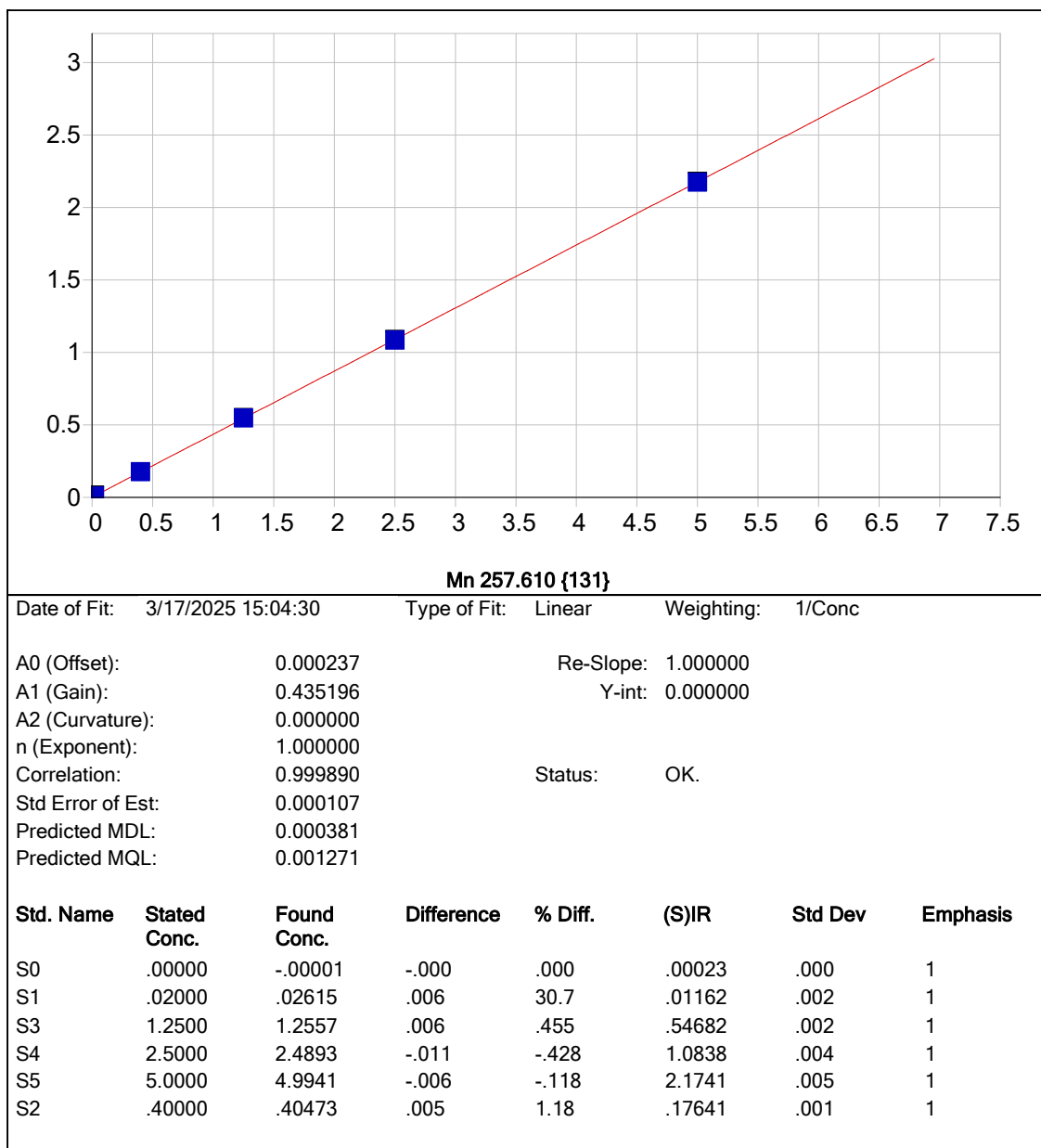


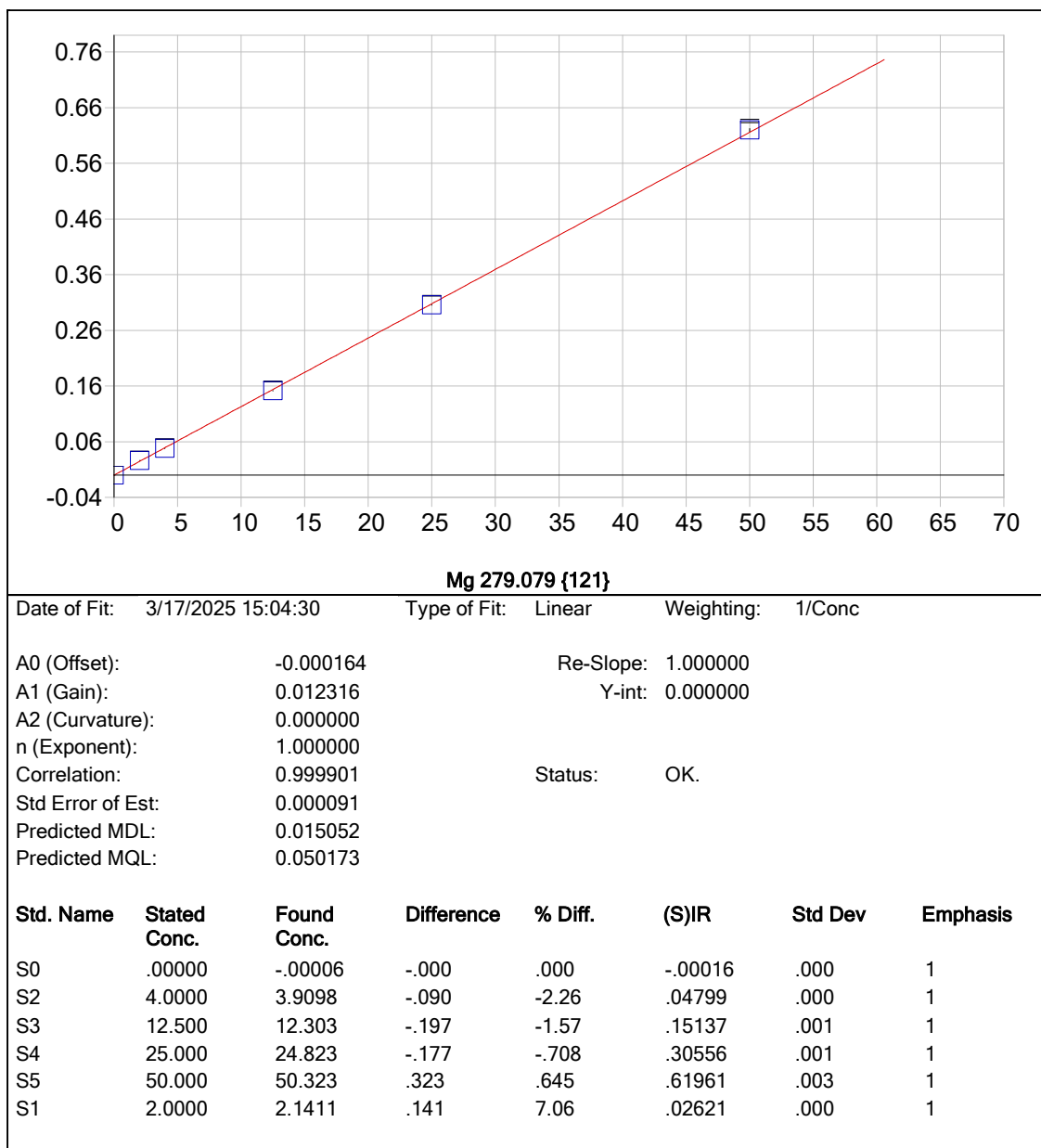


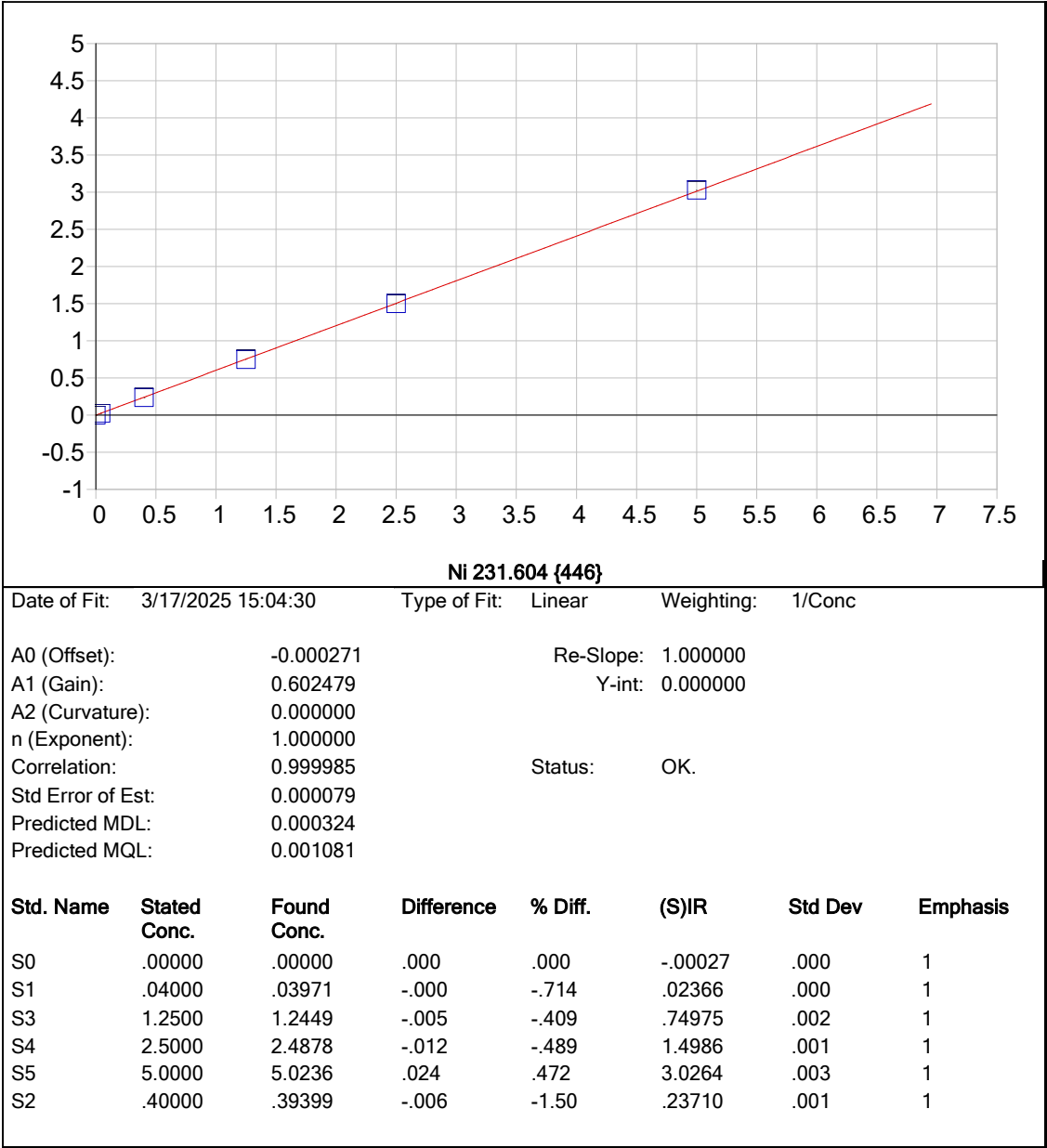


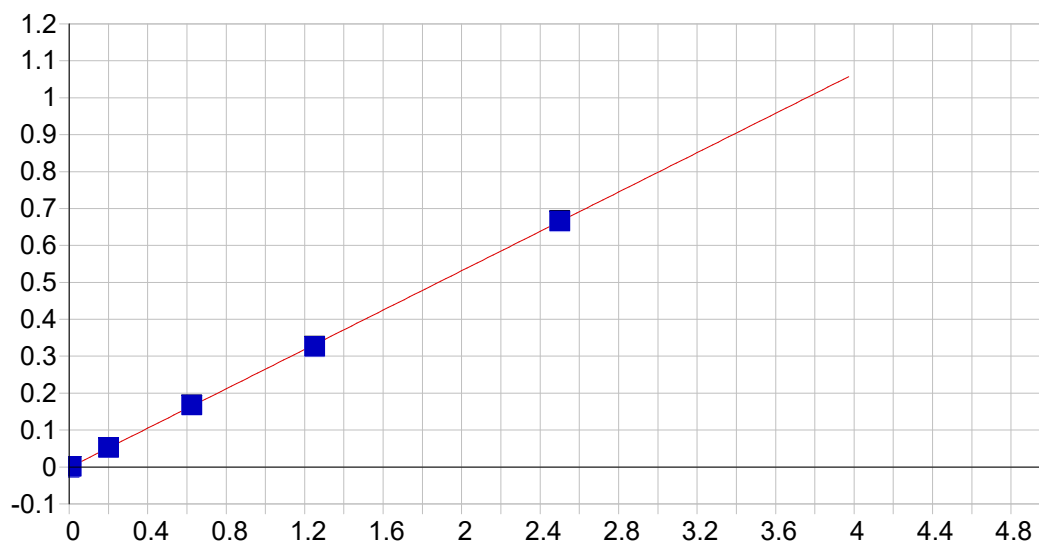










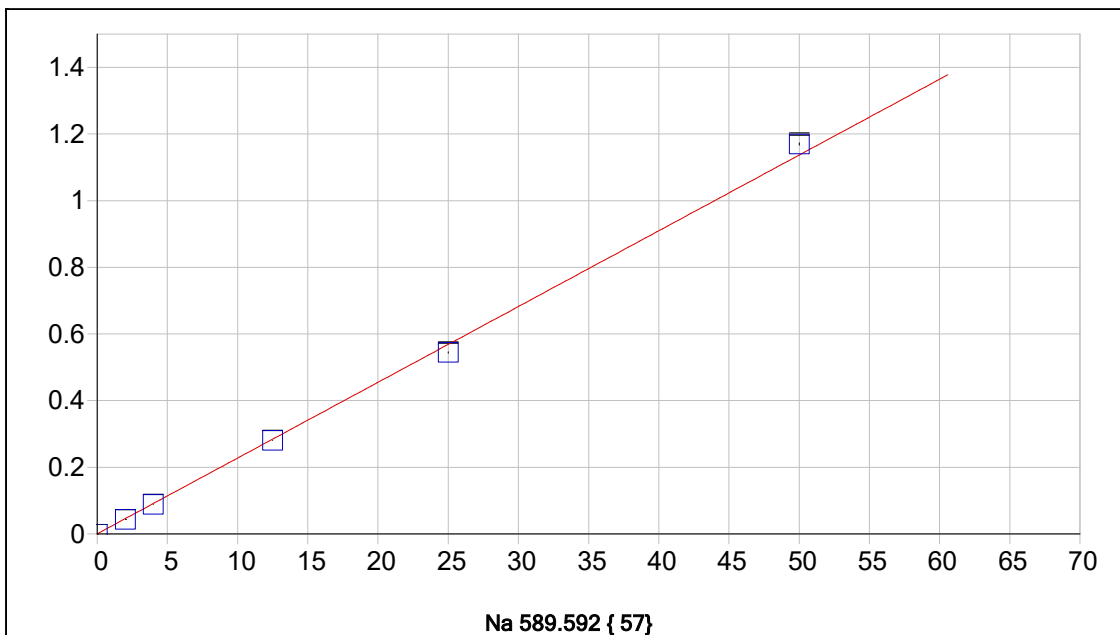


Ag 328.068 {103}

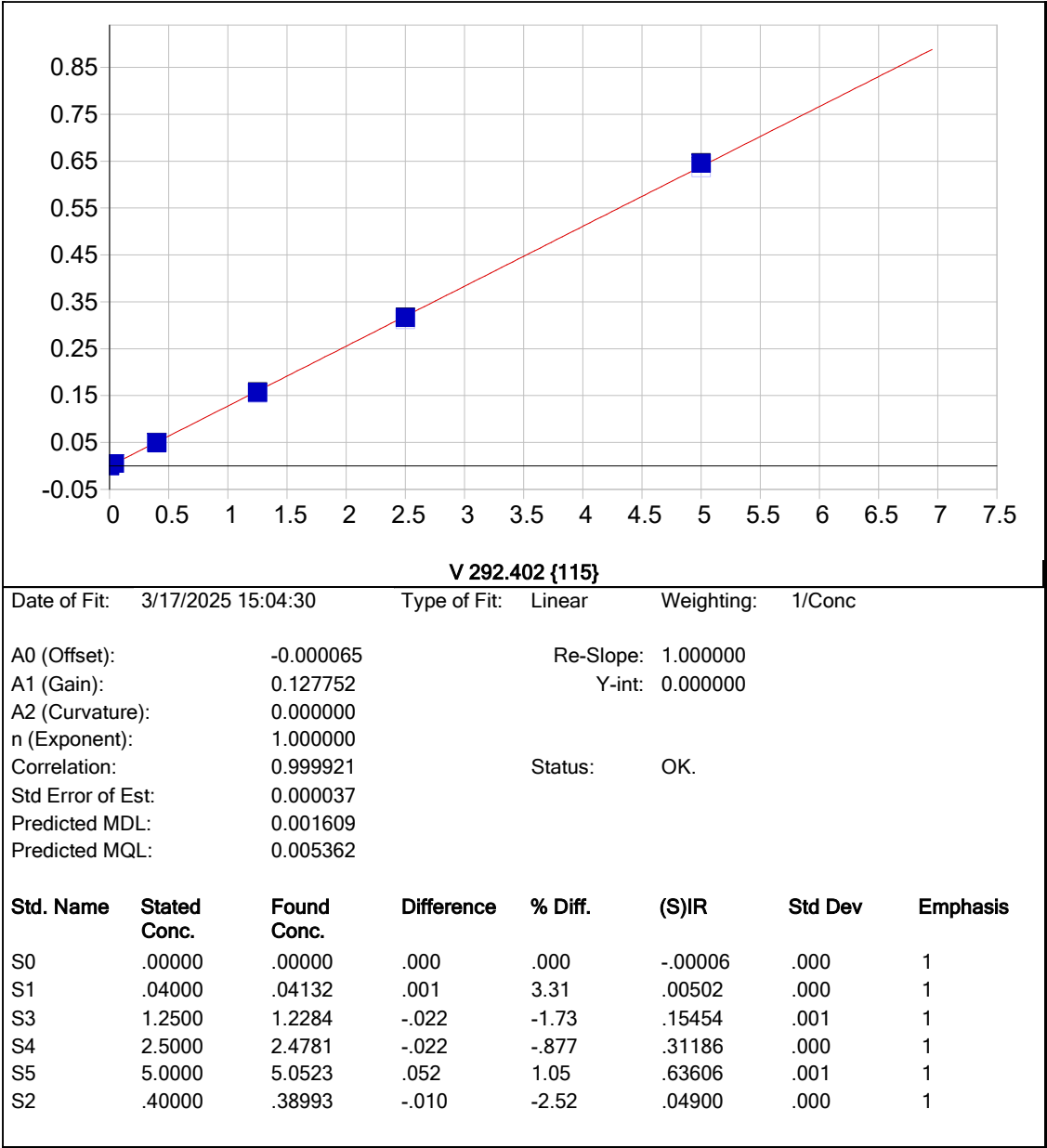
Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

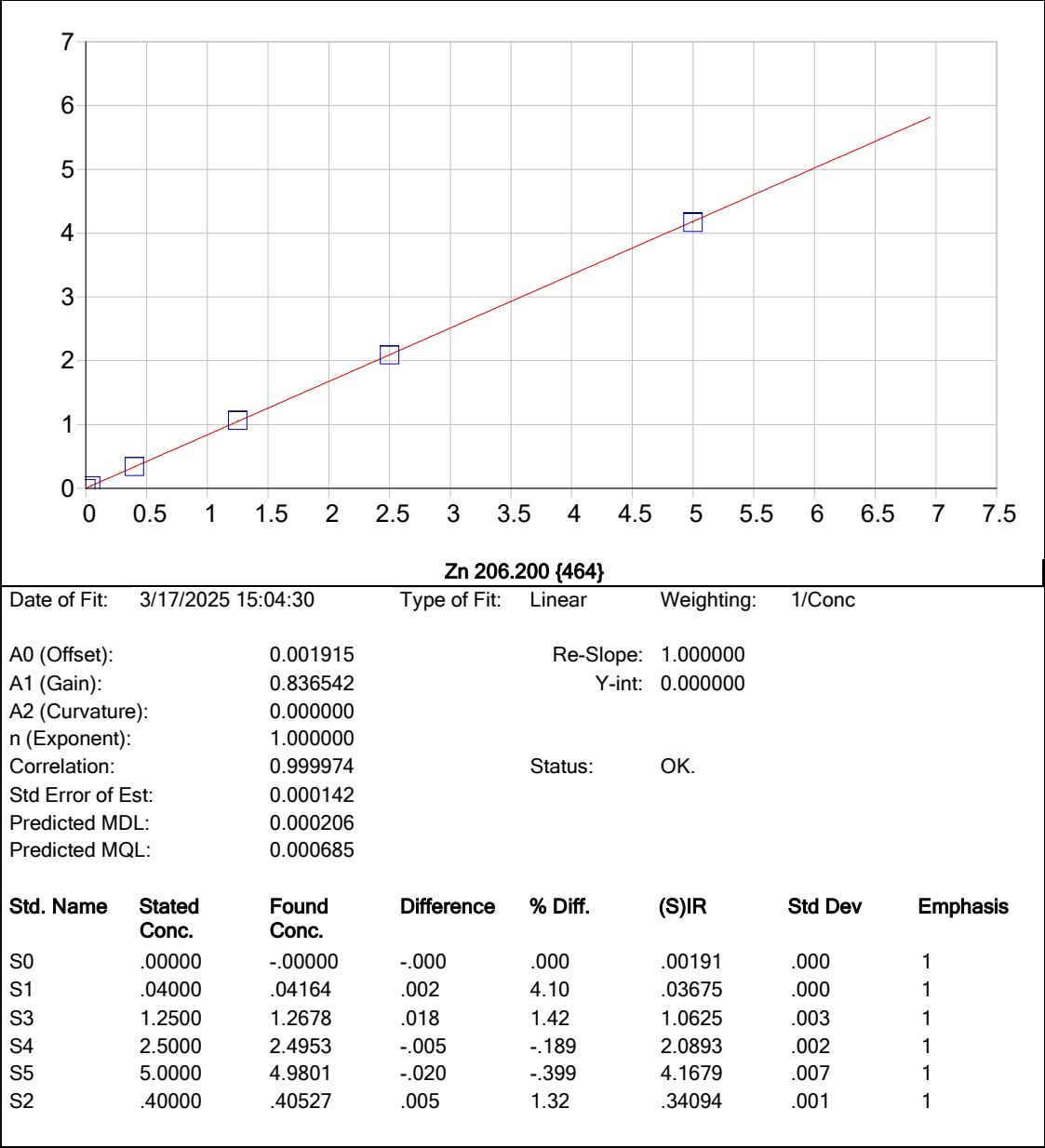
A0 (Offset): -0.001513 Re-Slope: 1.000000
A1 (Gain): 0.266503 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999940 Status: OK.
Std Error of Est: 0.000024
Predicted MDL: 0.000375
Predicted MQL: 0.001249

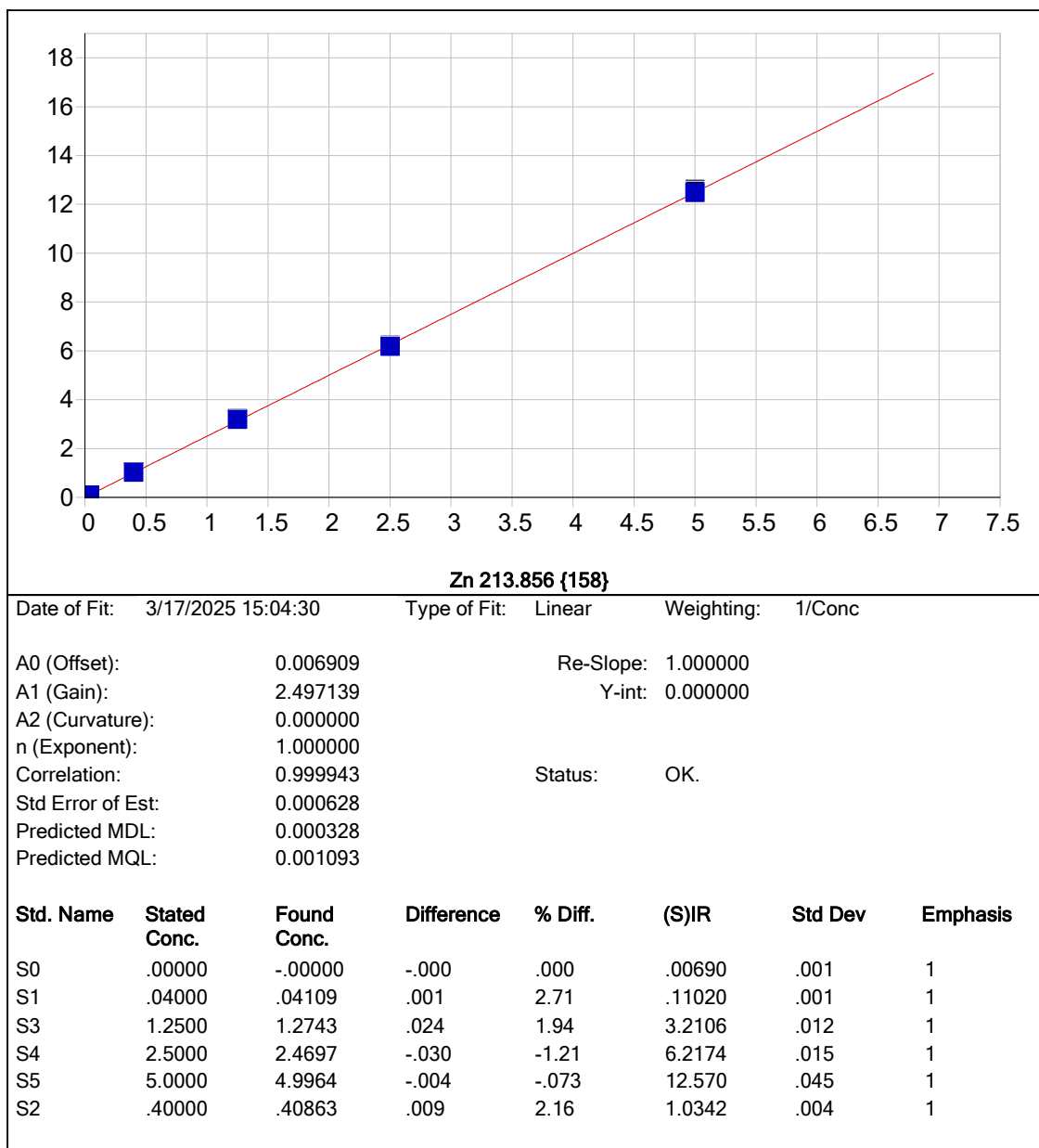
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00151	.000	1
S1	.01000	.00985	-.000	-1.52	.00109	.000	1
S3	.62500	.63433	.009	1.49	.16688	.000	1
S4	1.2500	1.2302	-.020	-1.59	.32501	.001	1
S5	2.5000	2.5068	.007	.271	.66391	.001	1
S2	.20000	.20387	.004	1.93	.05261	.000	1

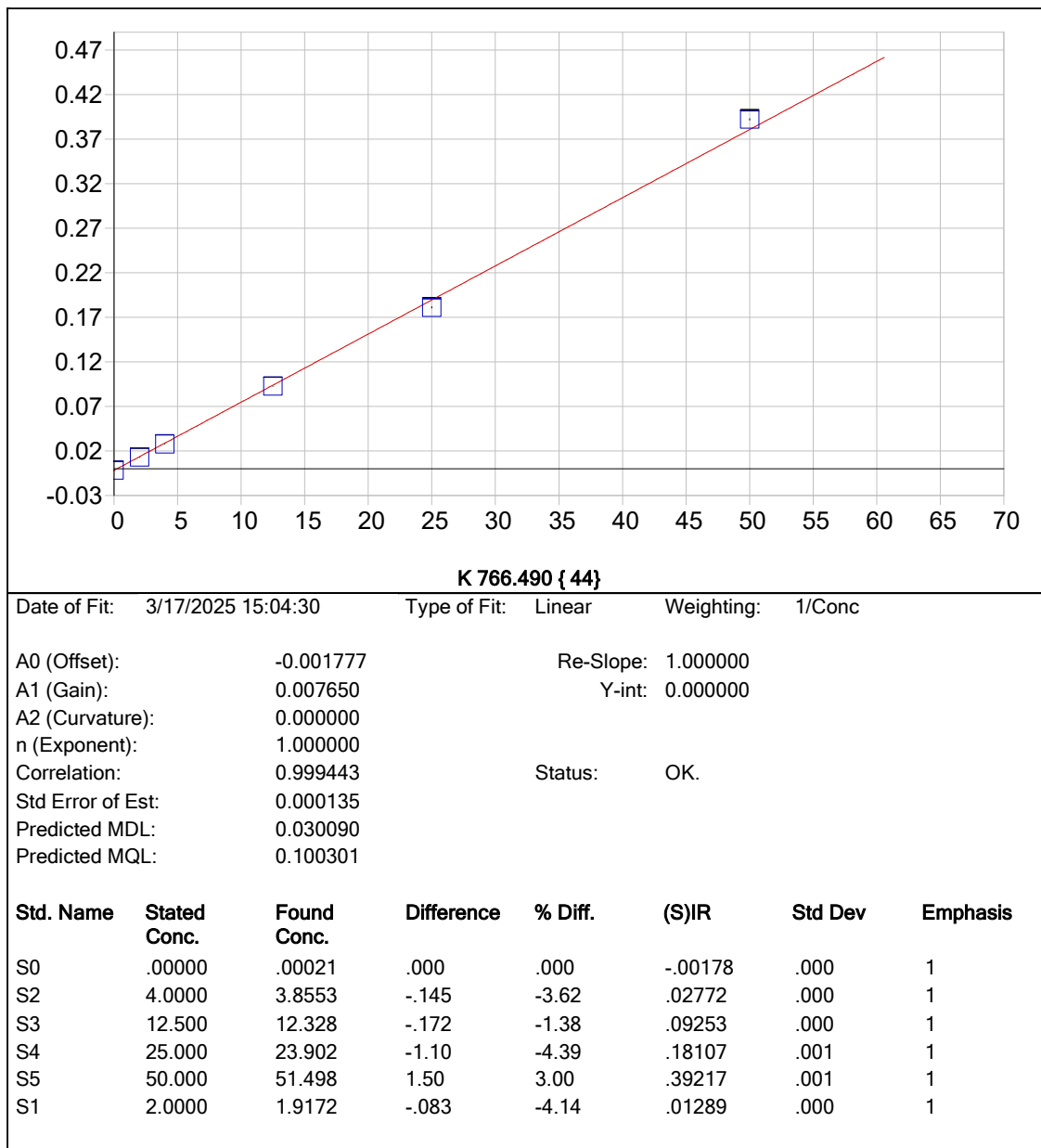


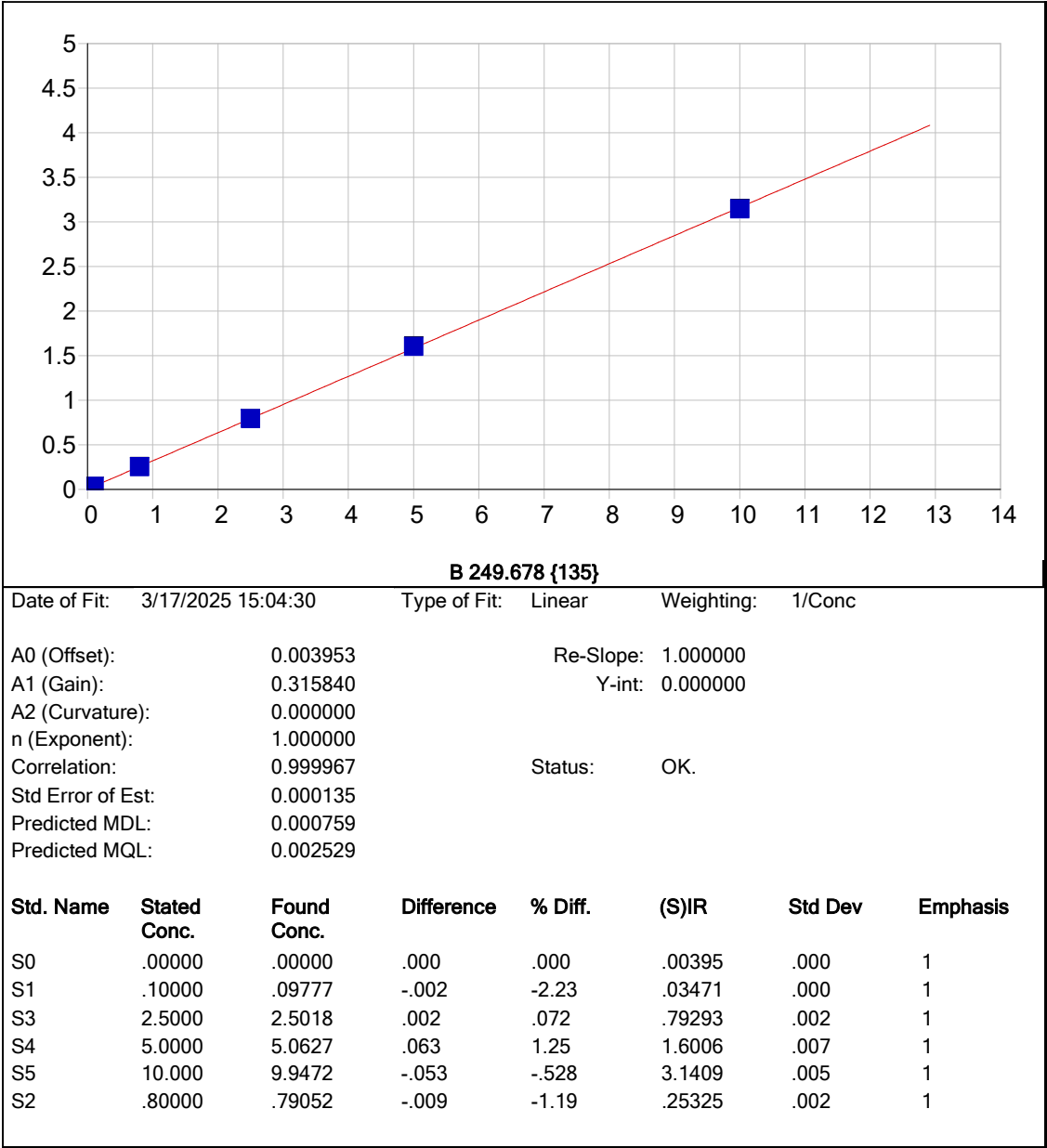
Date of Fit:	3/17/2025 15:04:30		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000353			Re-Slope:	1.000000		
A1 (Gain):	0.022733			Y-int:	0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999470			Status:	OK.		
Std Error of Est:	0.000392						
Predicted MDL:	0.009766						
Predicted MQL:	0.032554						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.00036	.000	1
S2	4.0000	3.8832	-.117	-2.92	.08863	.000	1
S3	12.500	12.327	-.173	-1.39	.28057	.000	1
S4	25.000	23.945	-1.05	-4.22	.54469	.002	1
S5	50.000	51.457	1.46	2.91	1.1701	.004	1
S1	2.0000	1.8881	-.112	-5.59	.04328	.000	1

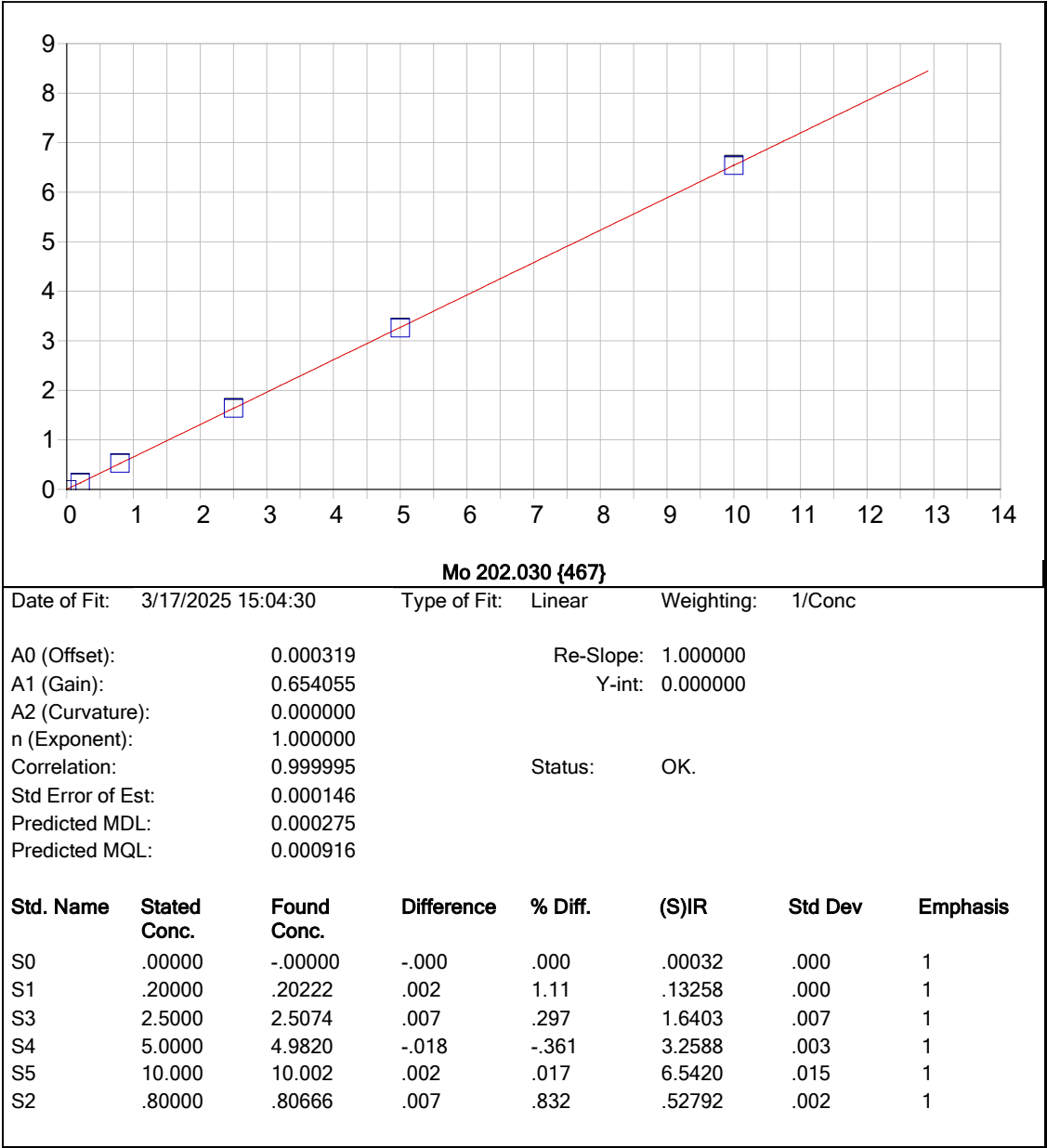


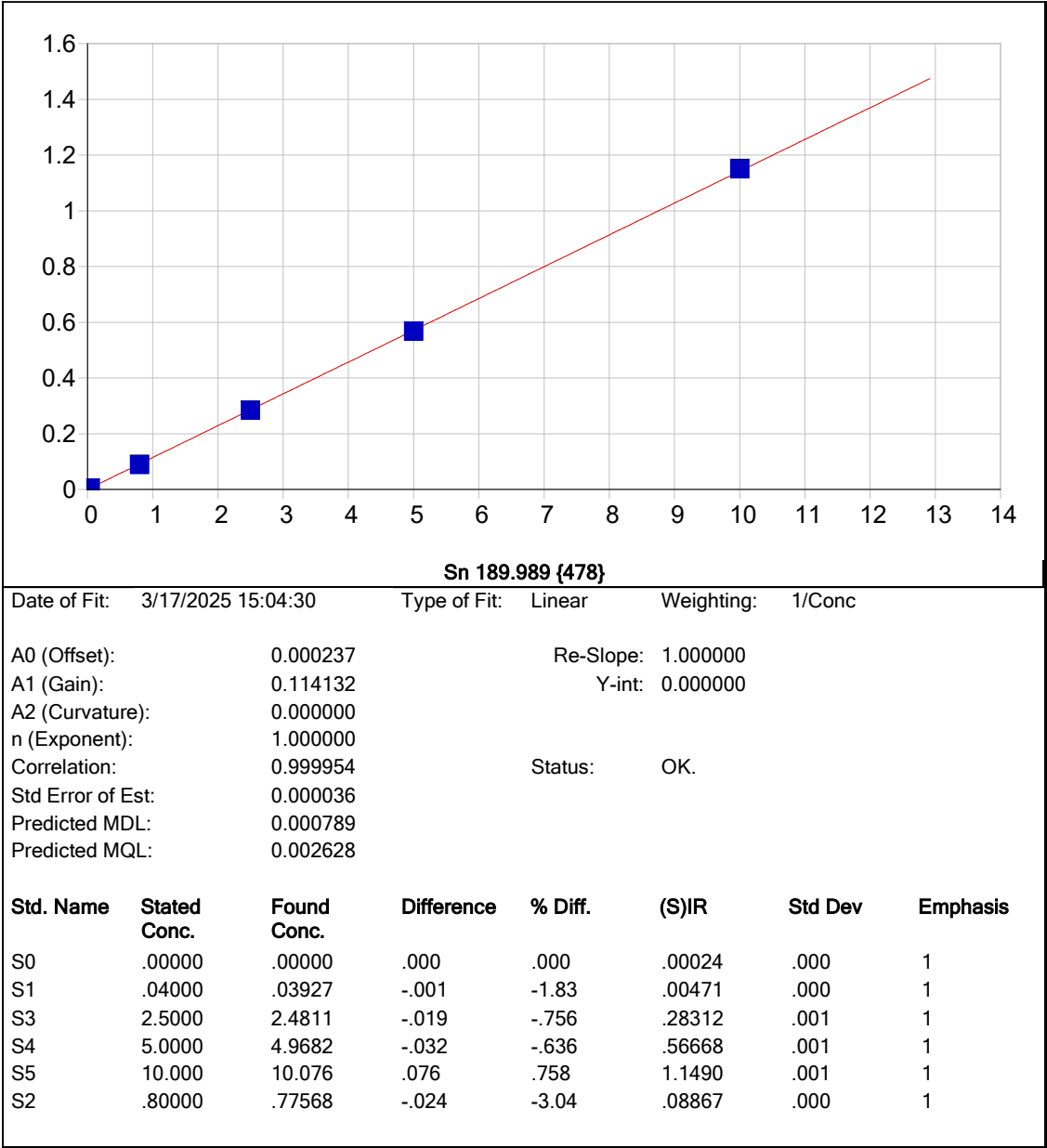


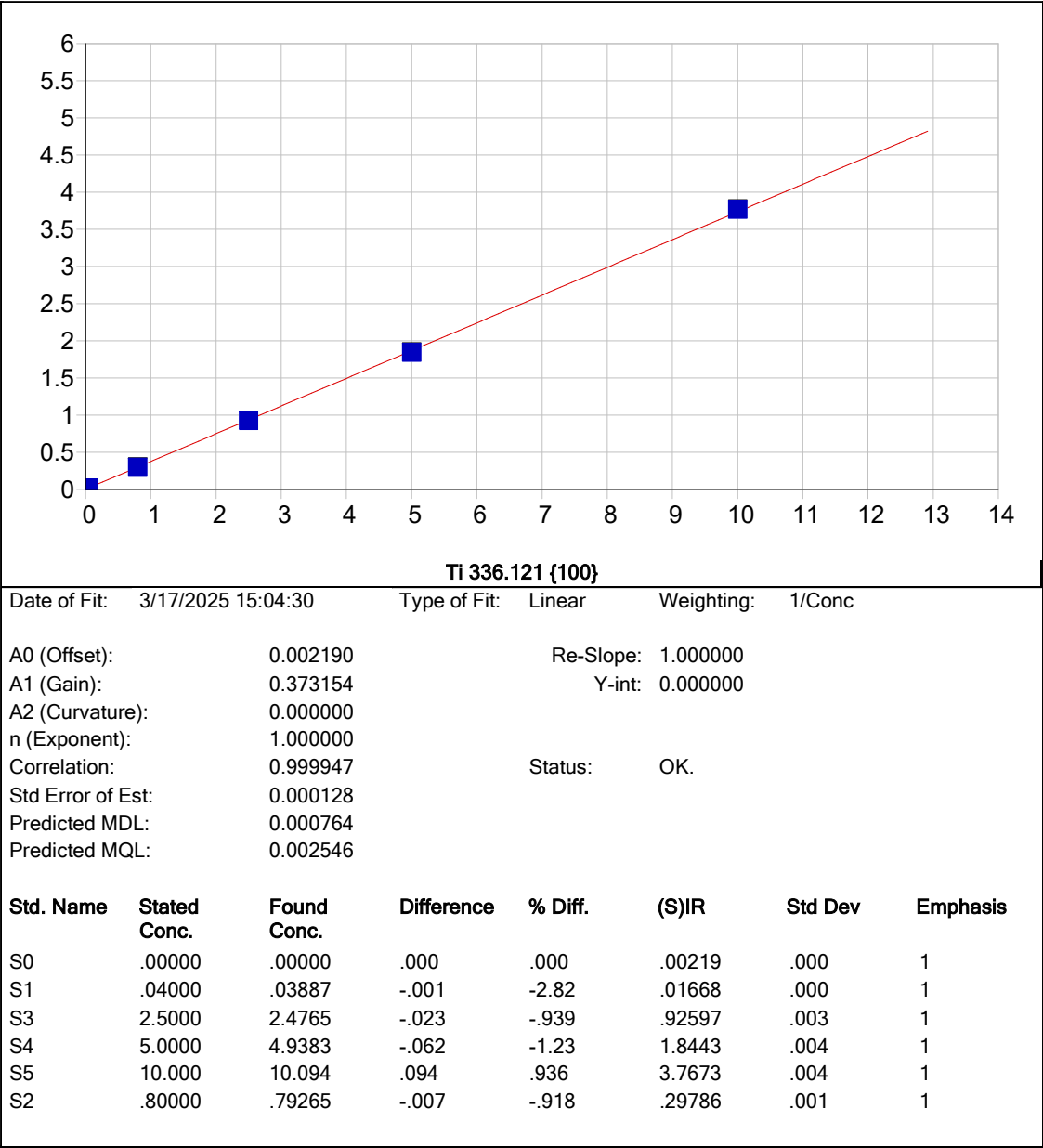


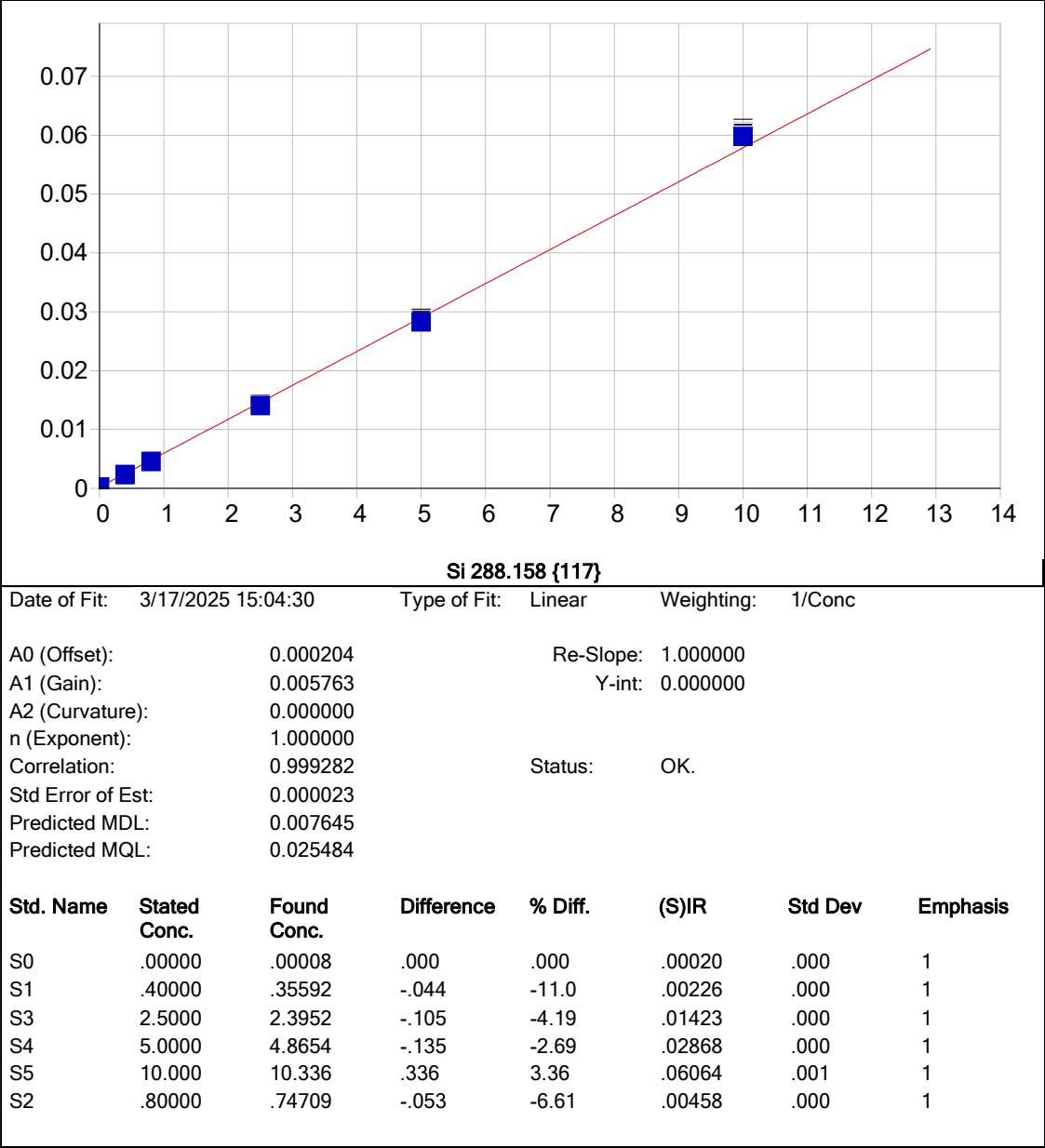


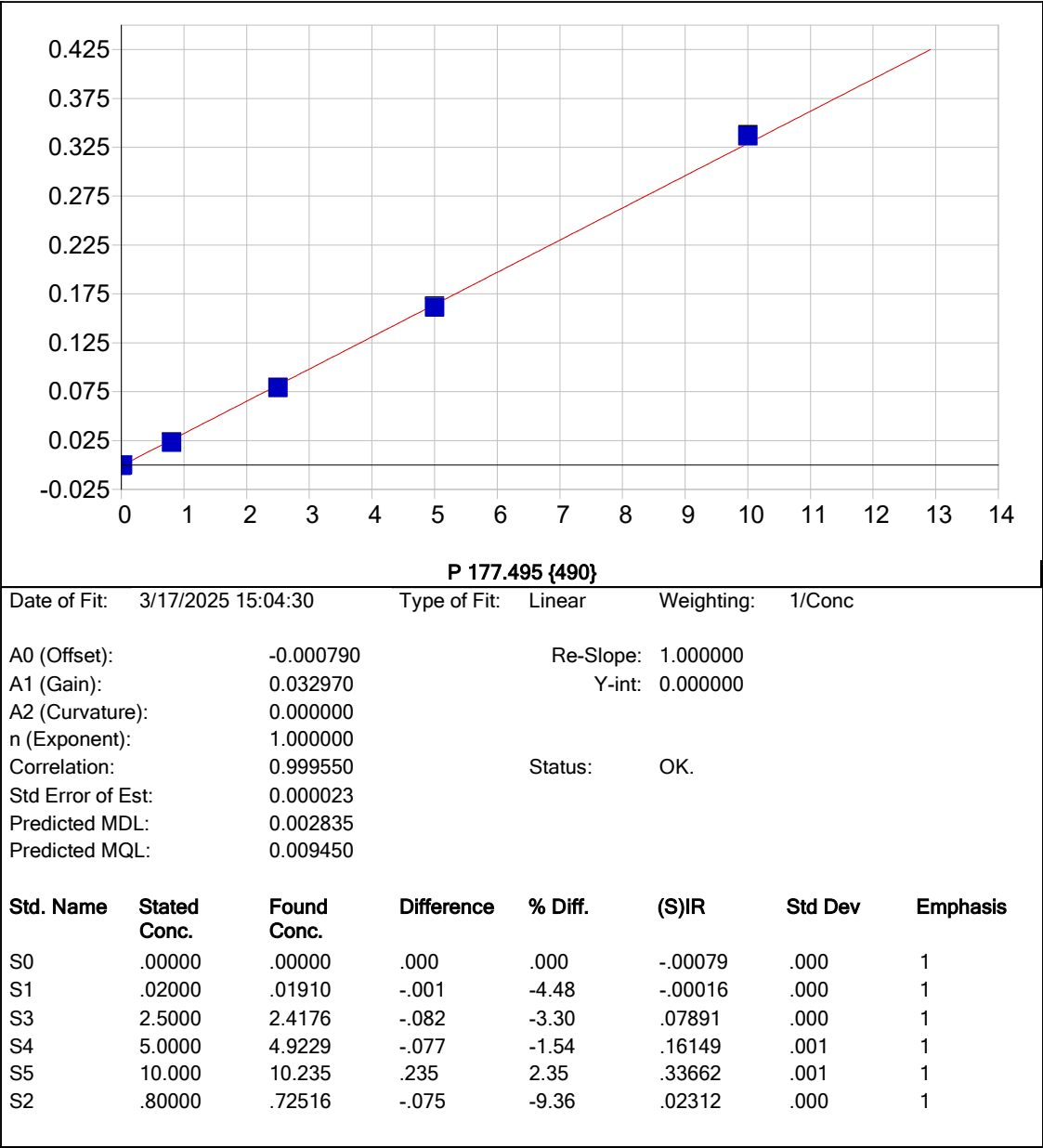


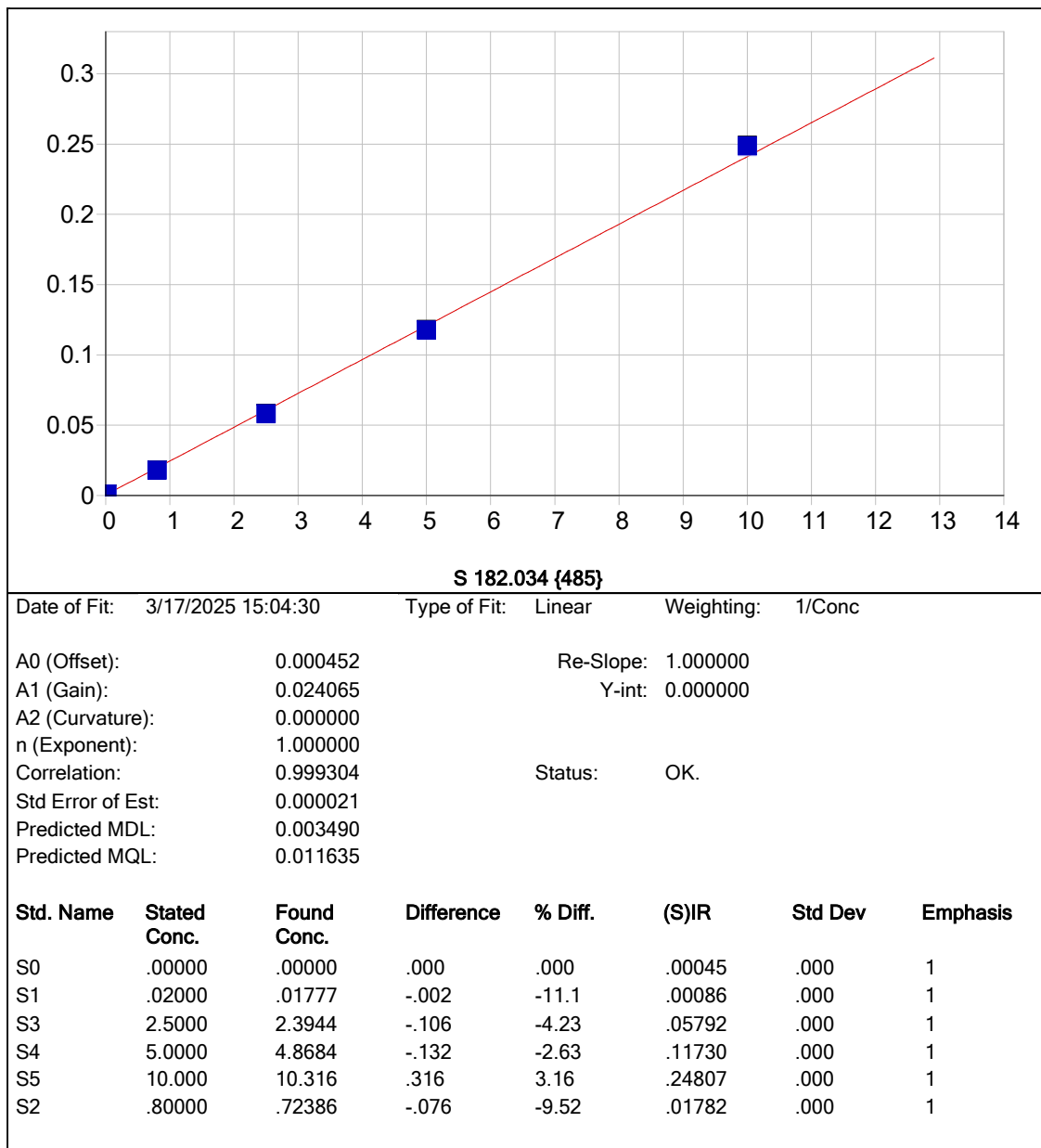


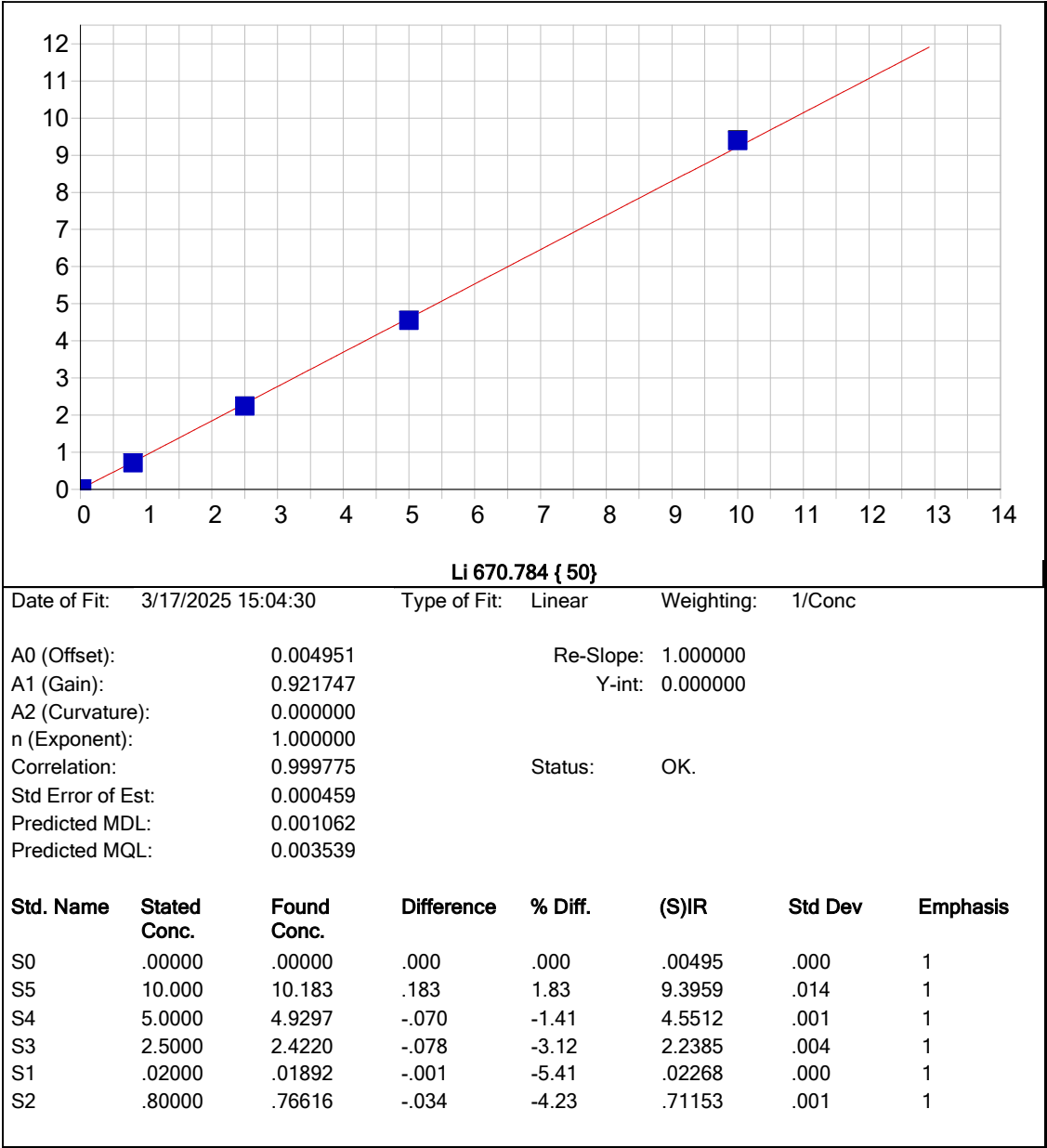


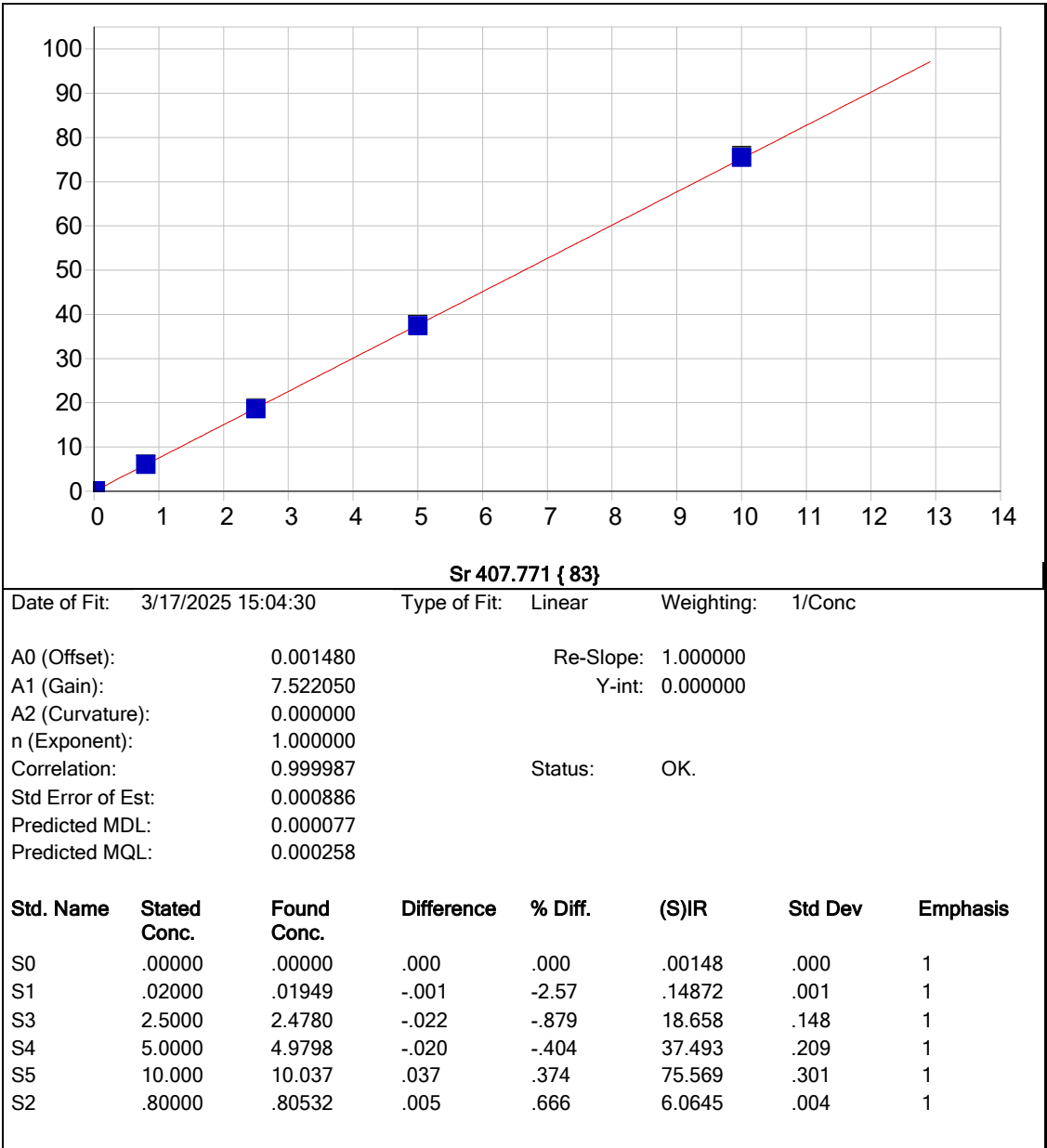


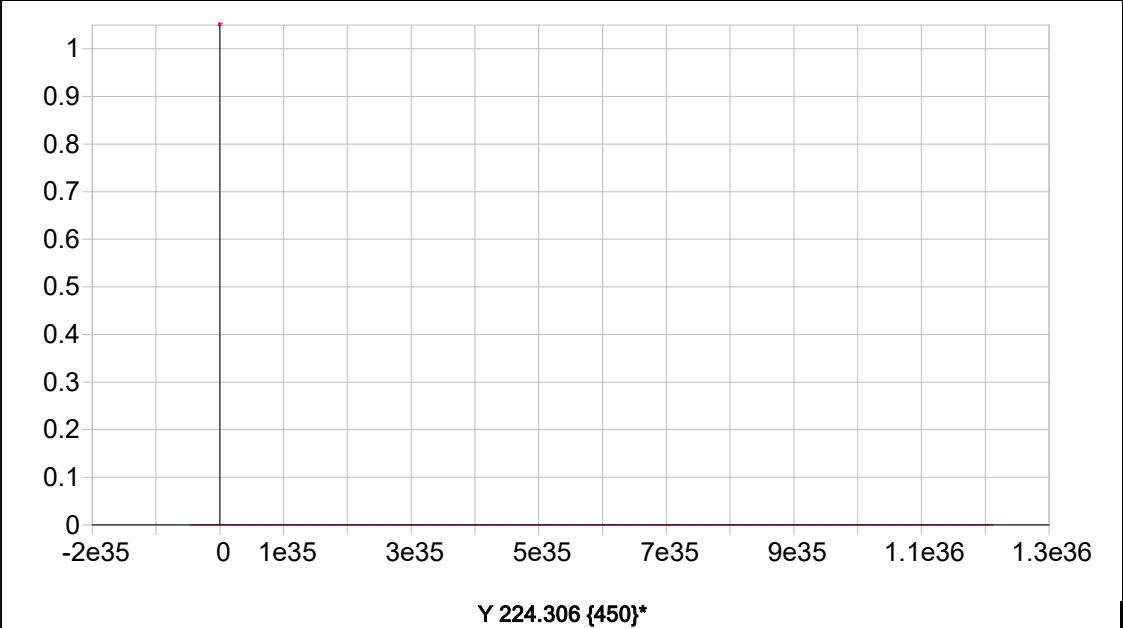






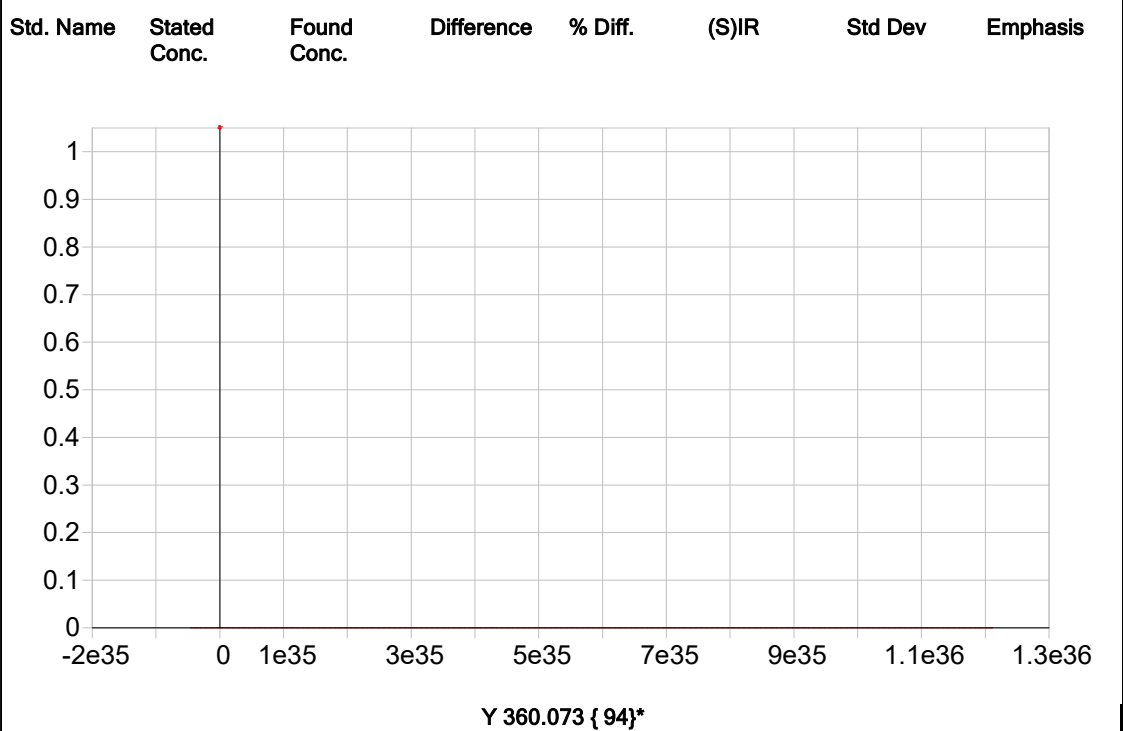






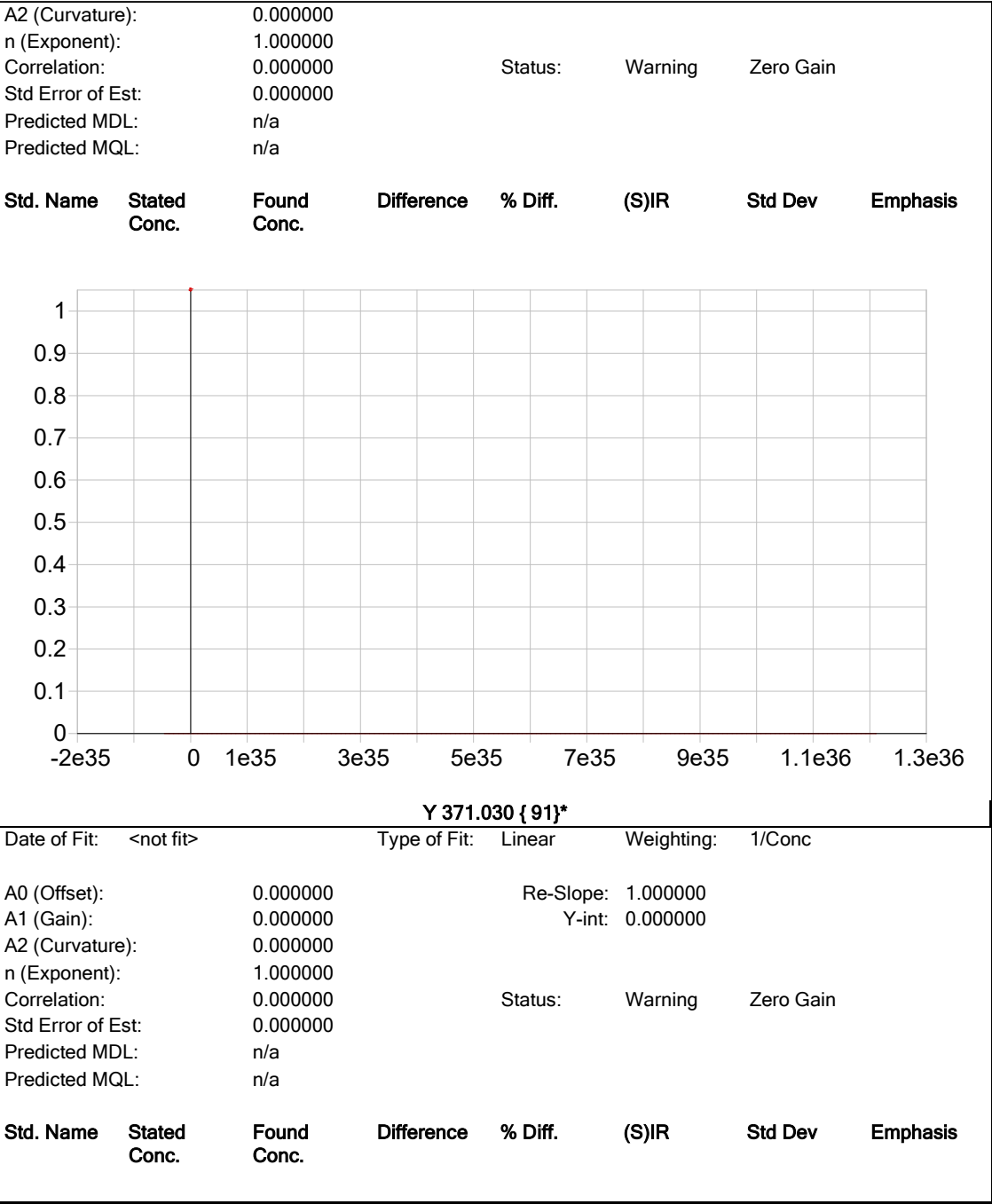
Date of Fit: 3/17/2025 15:04:30 Type of Fit: Linear Weighting: 1/Conc

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

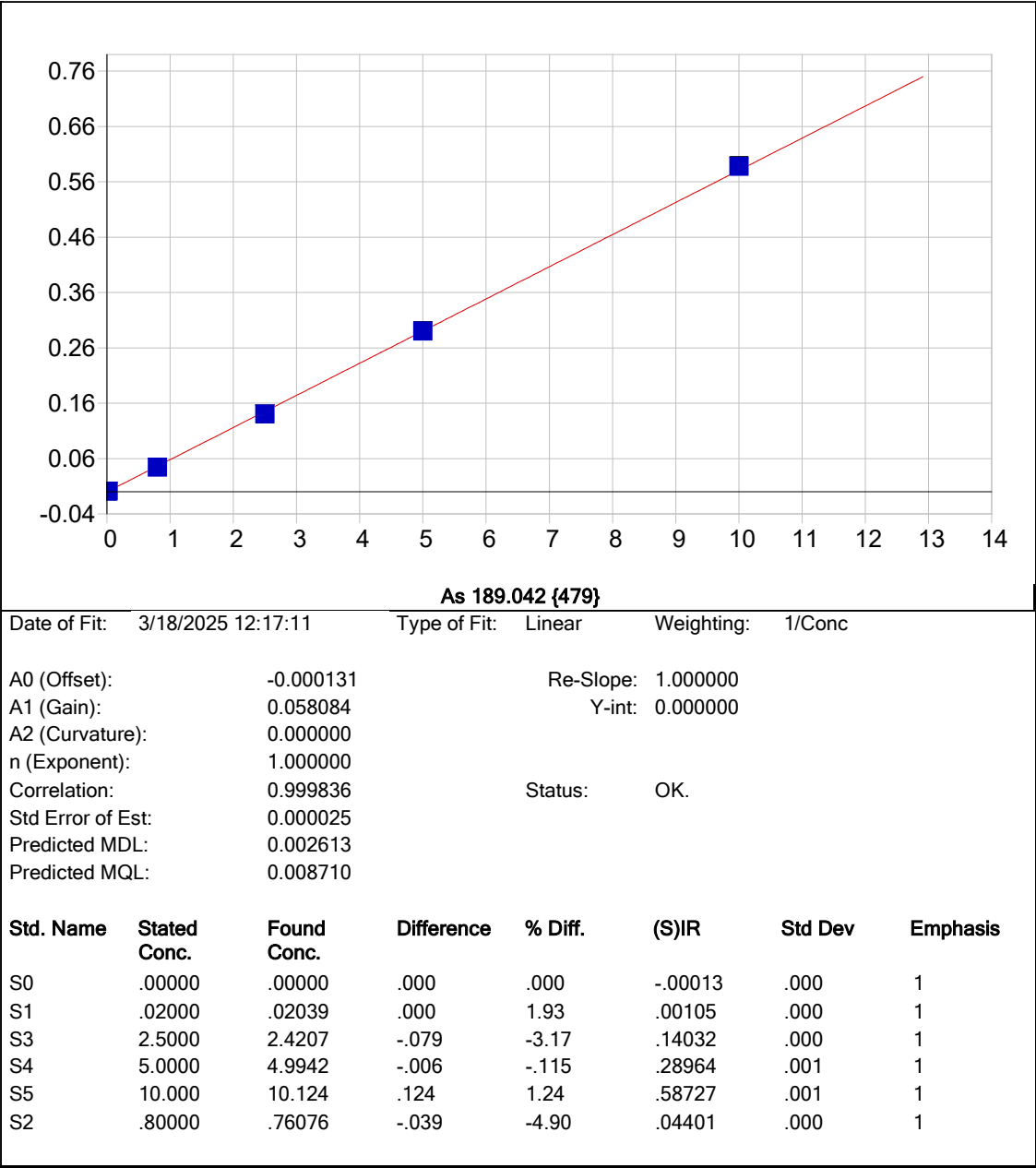


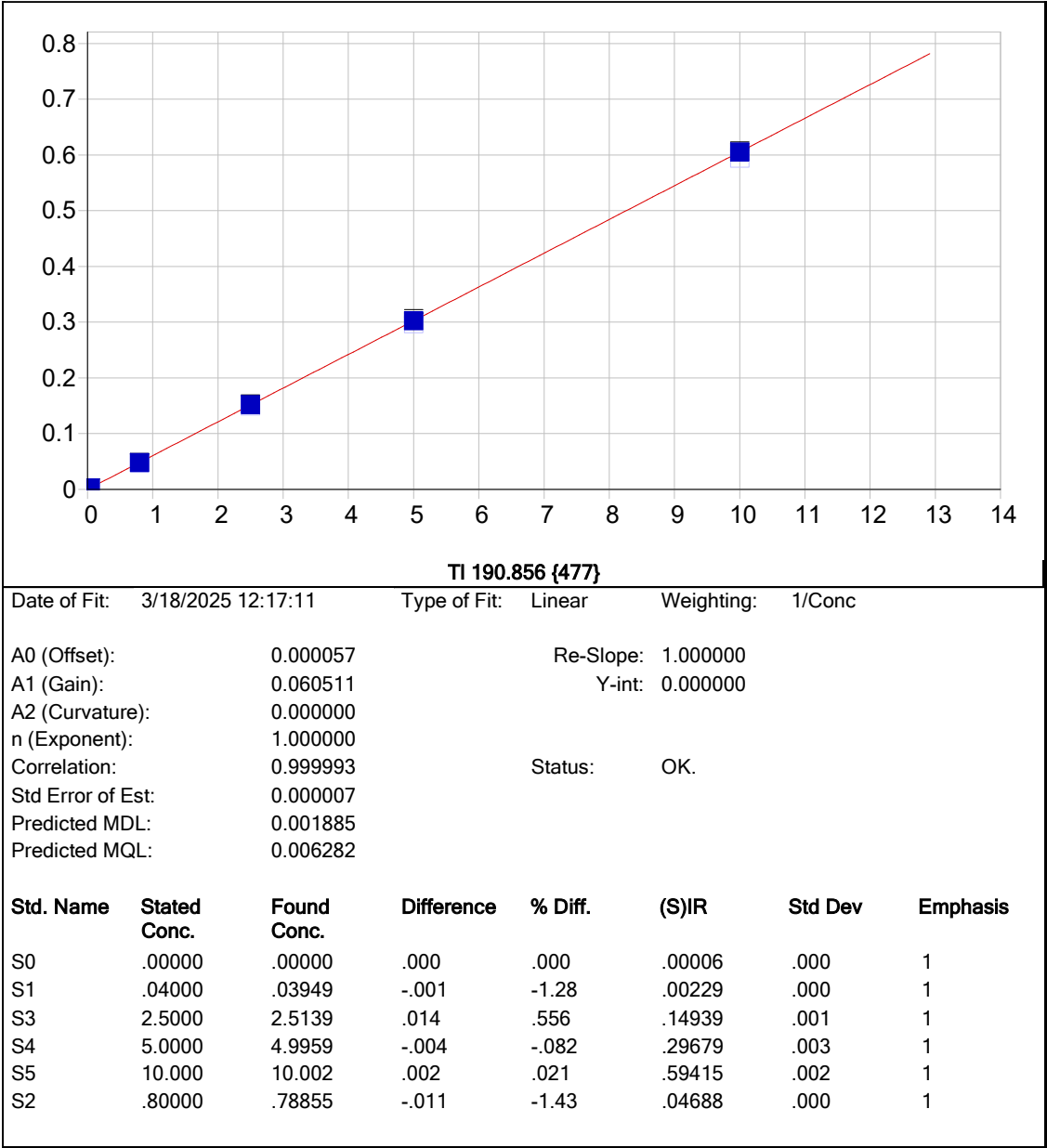
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

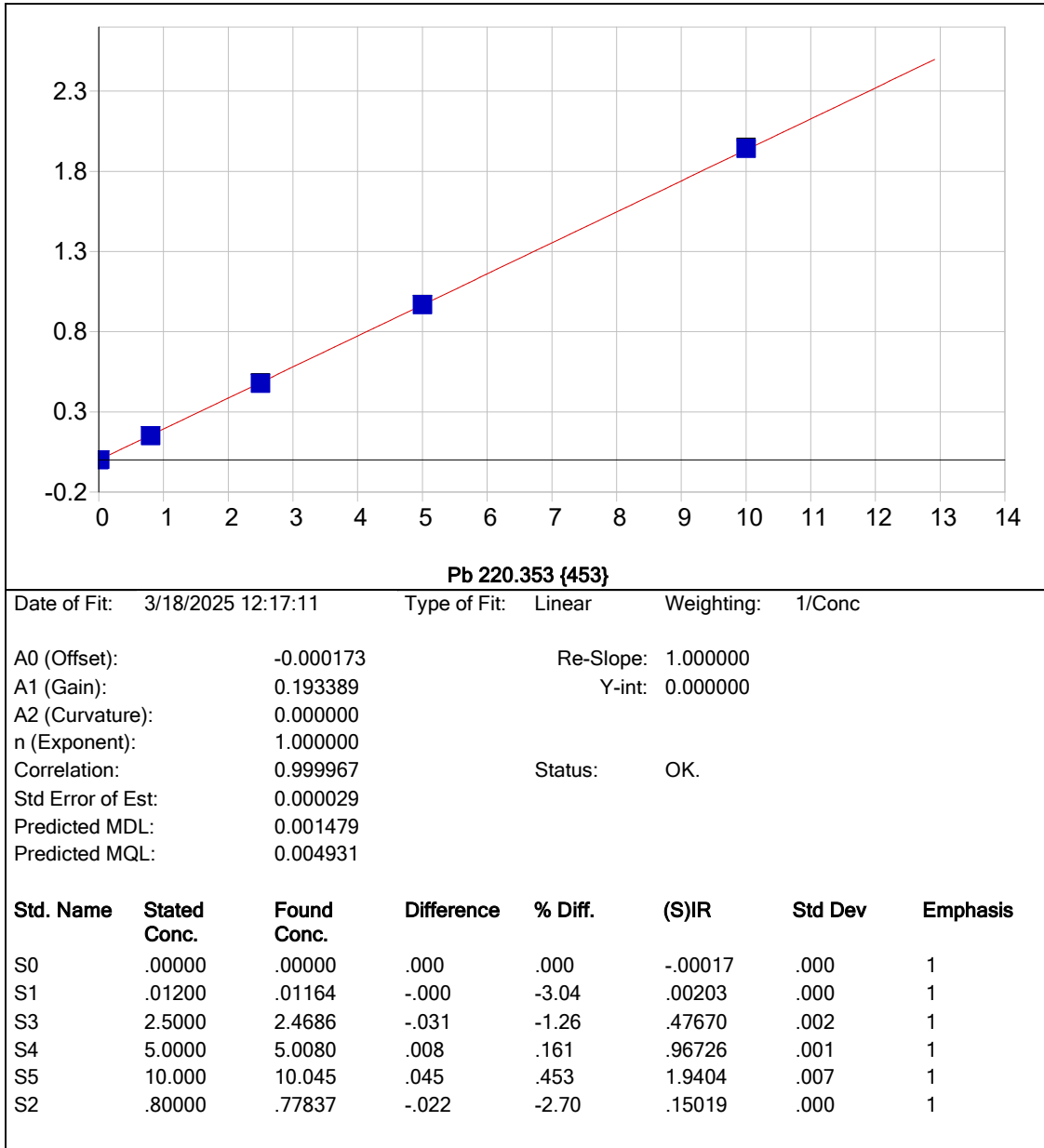
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

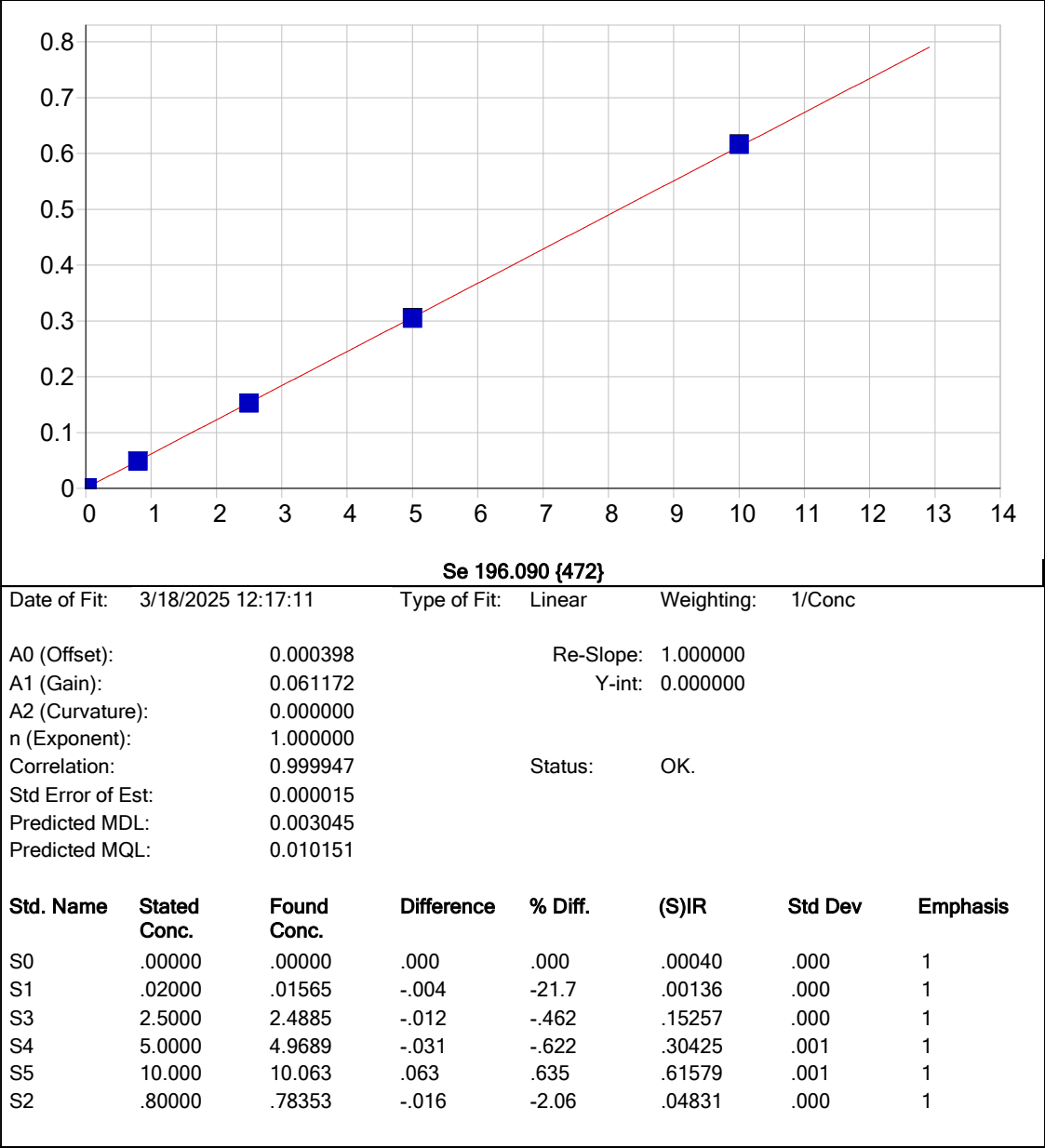


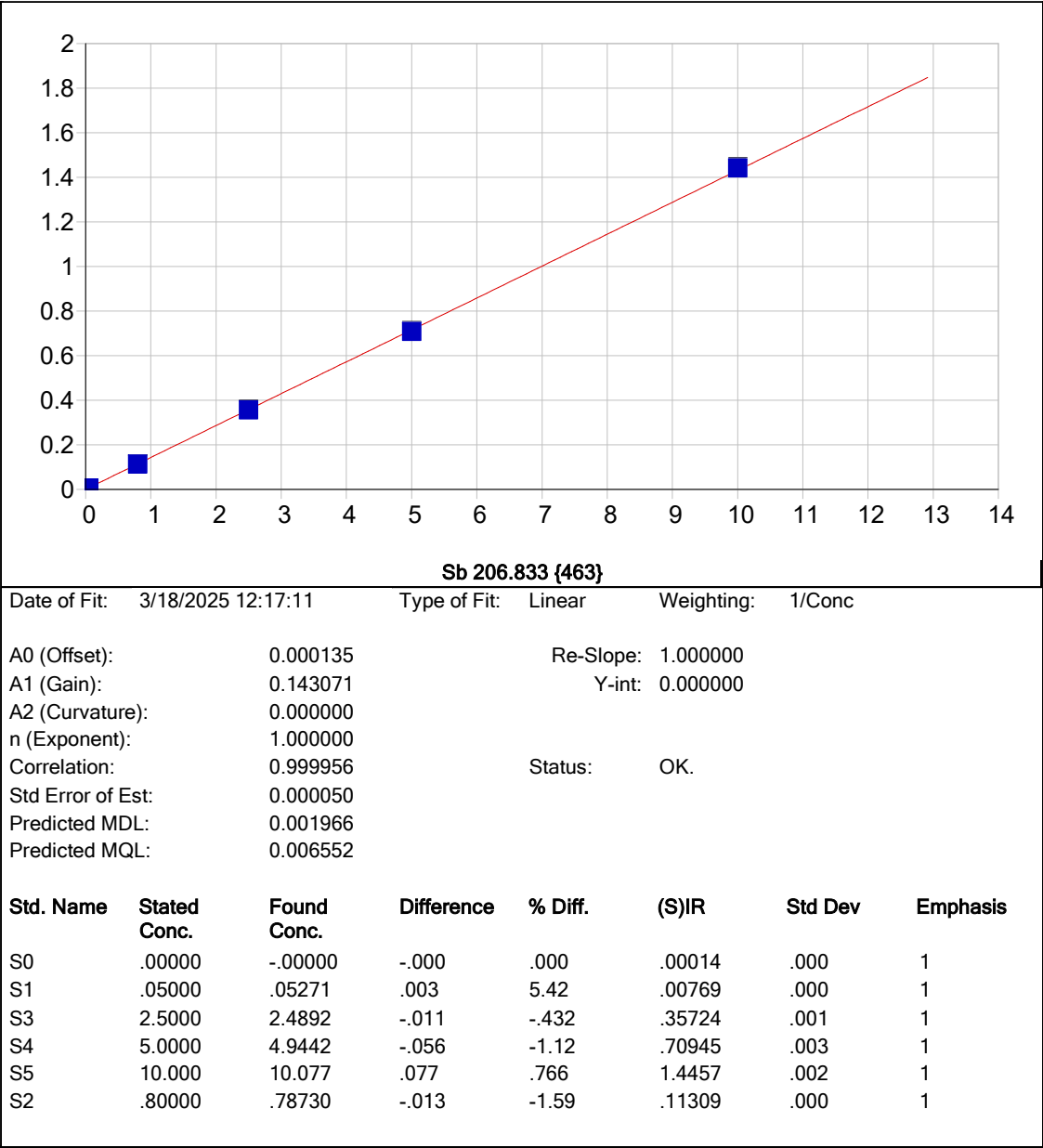
A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

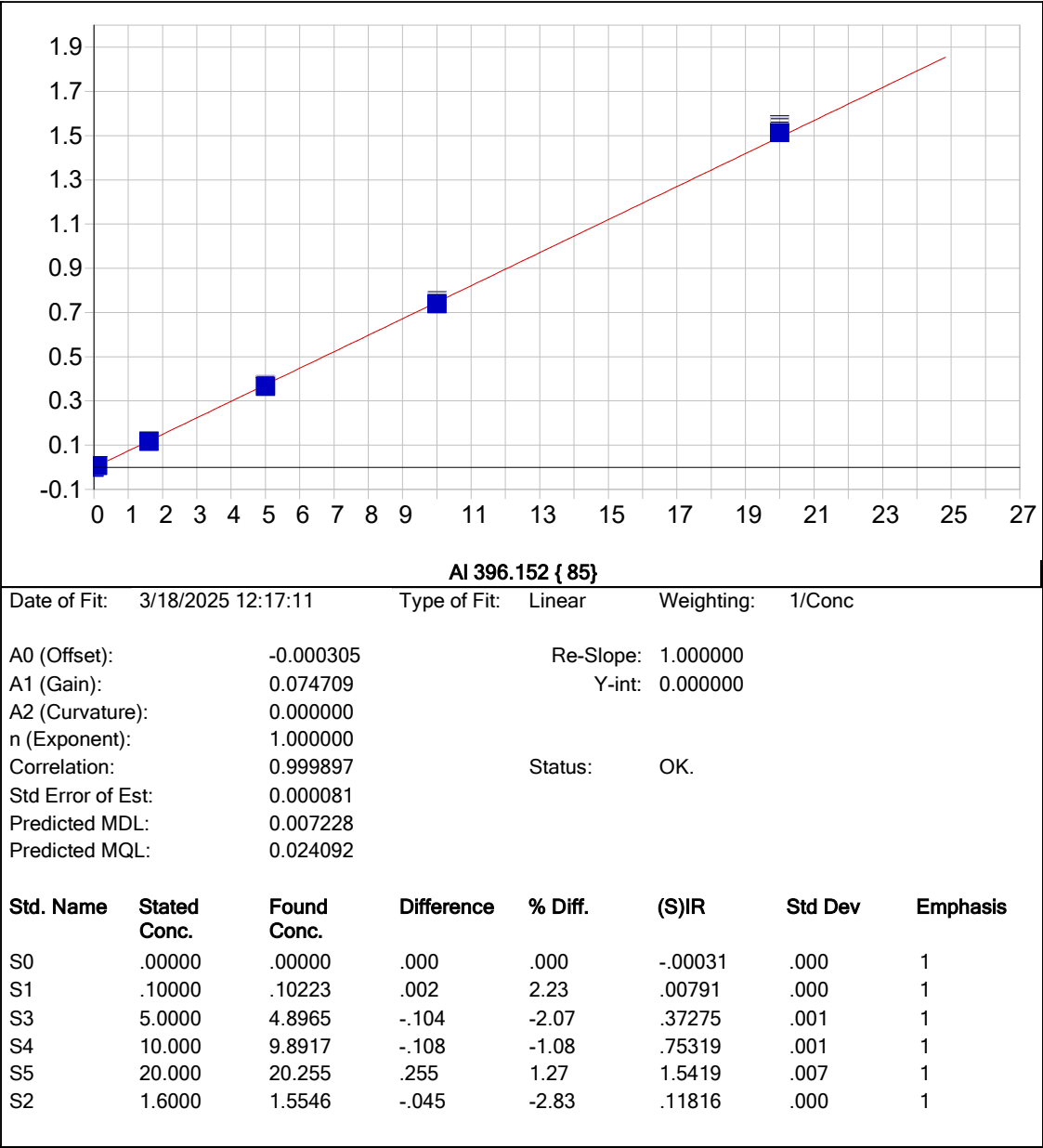


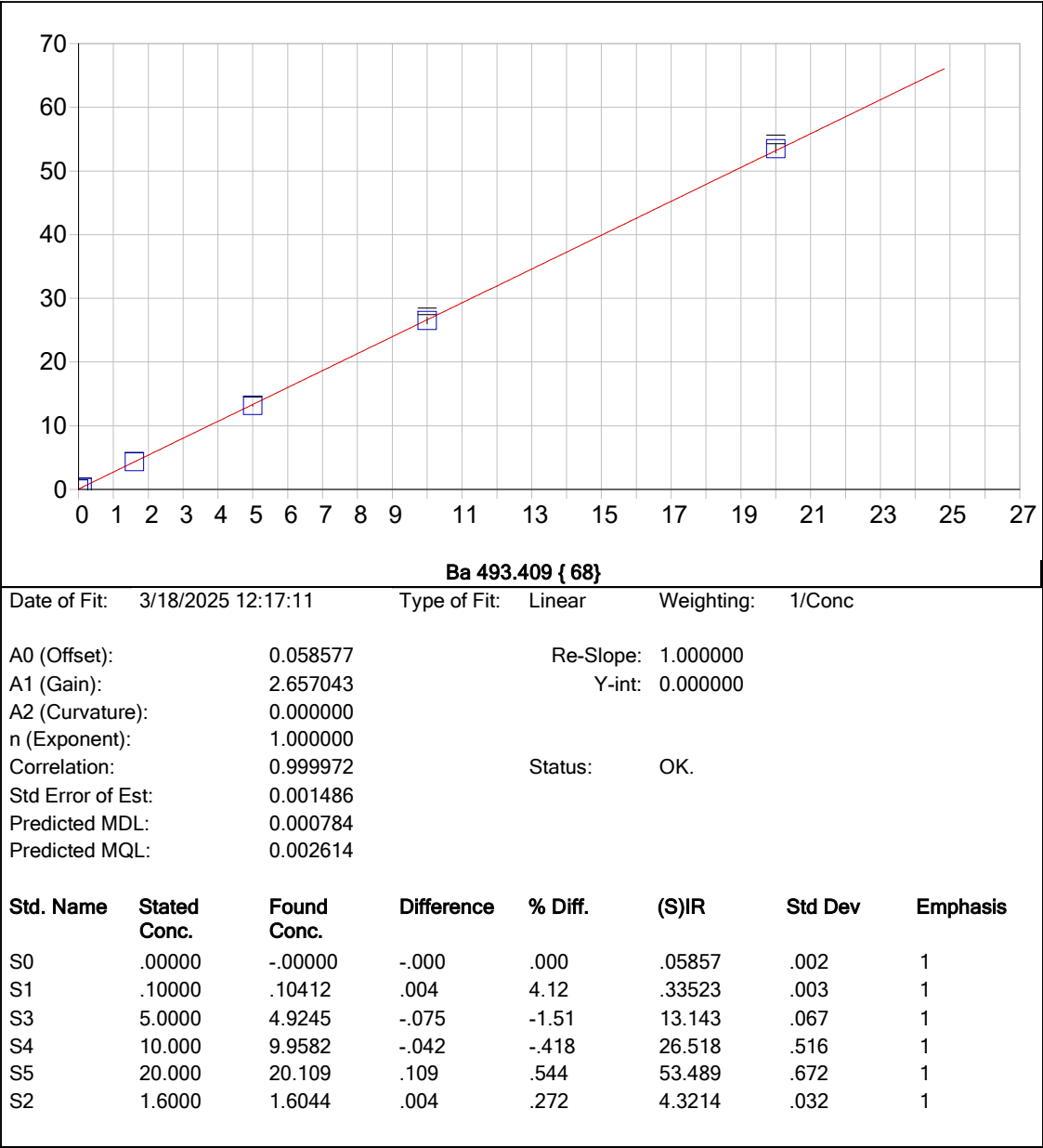


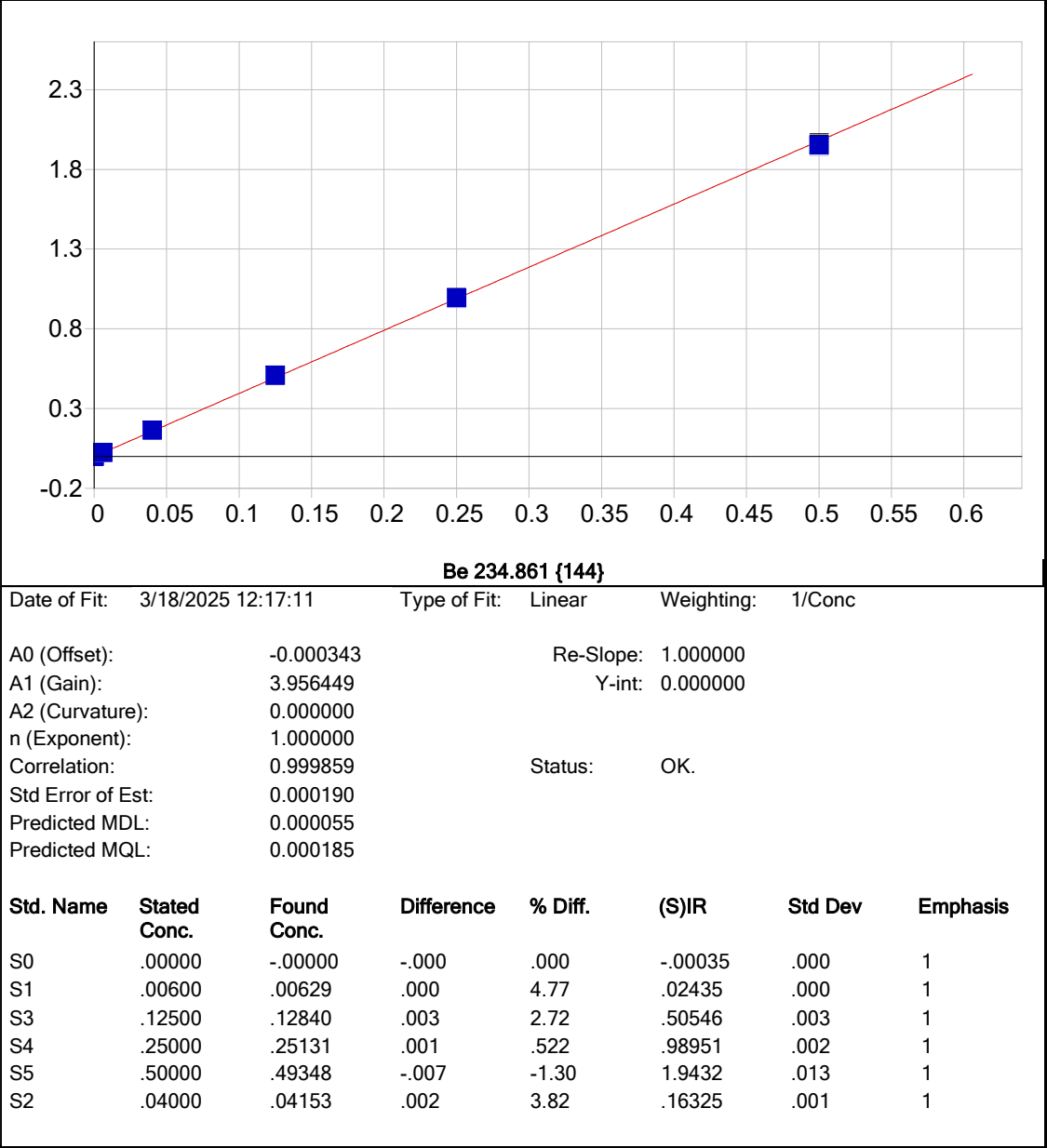


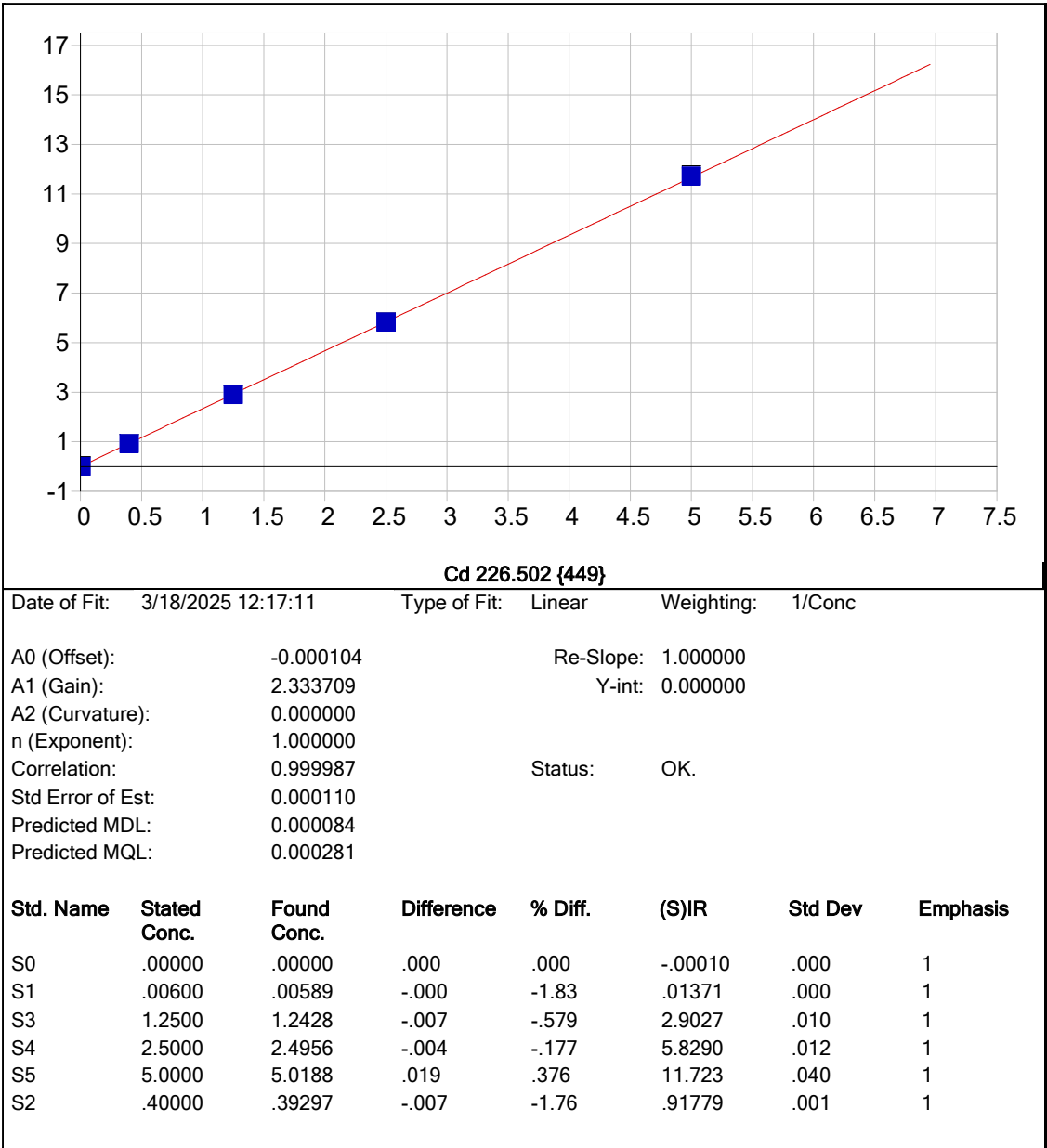


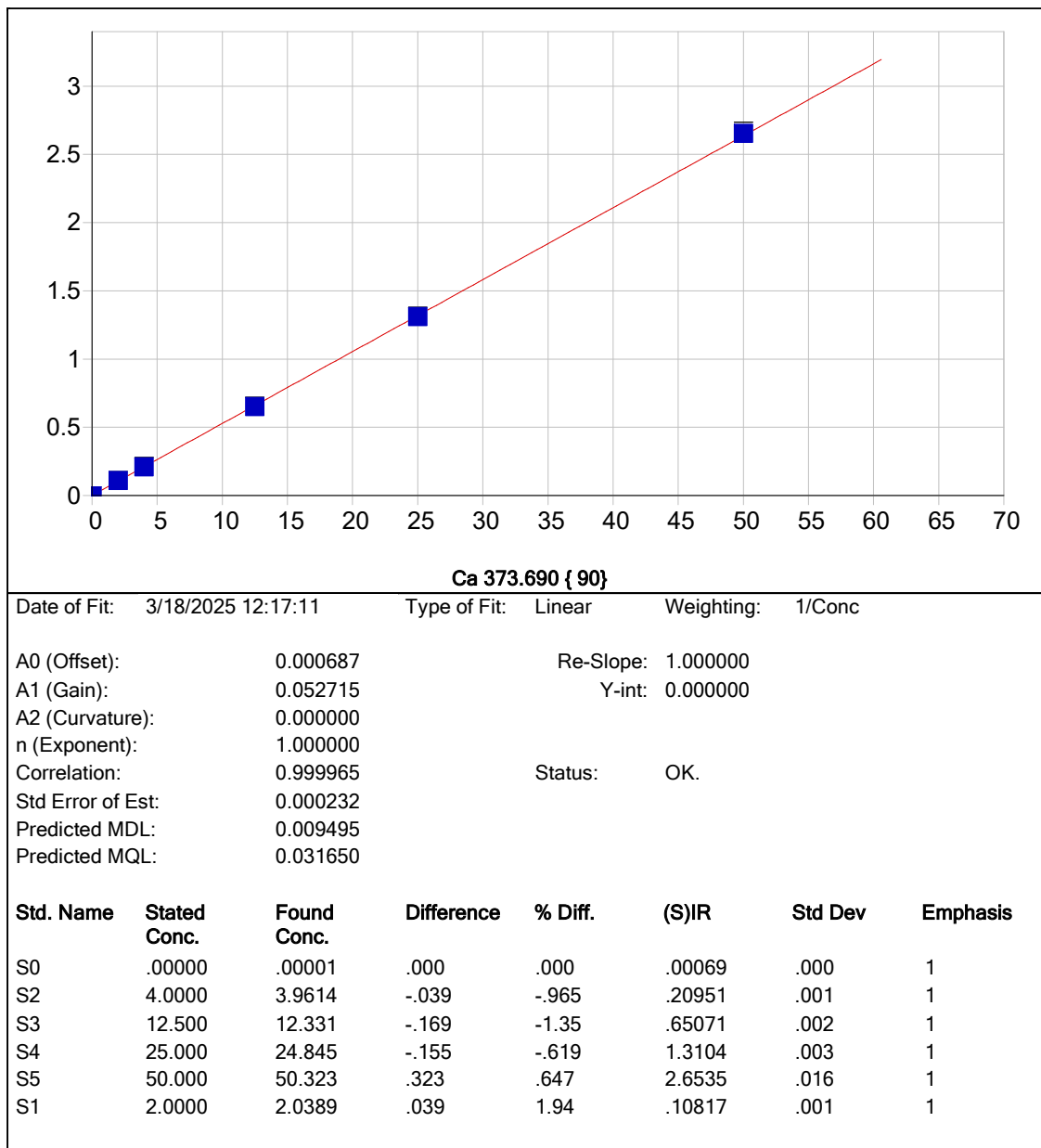


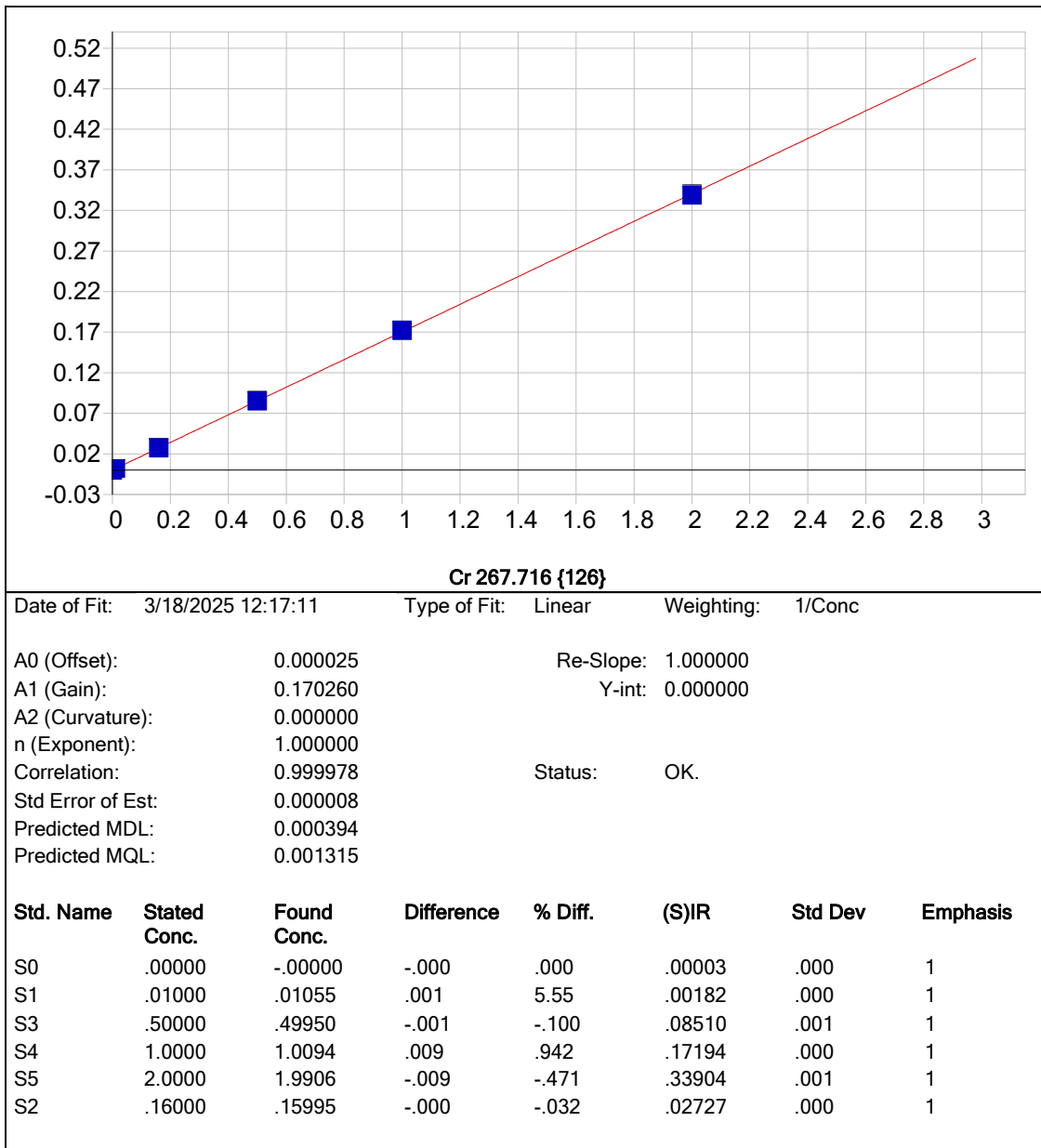


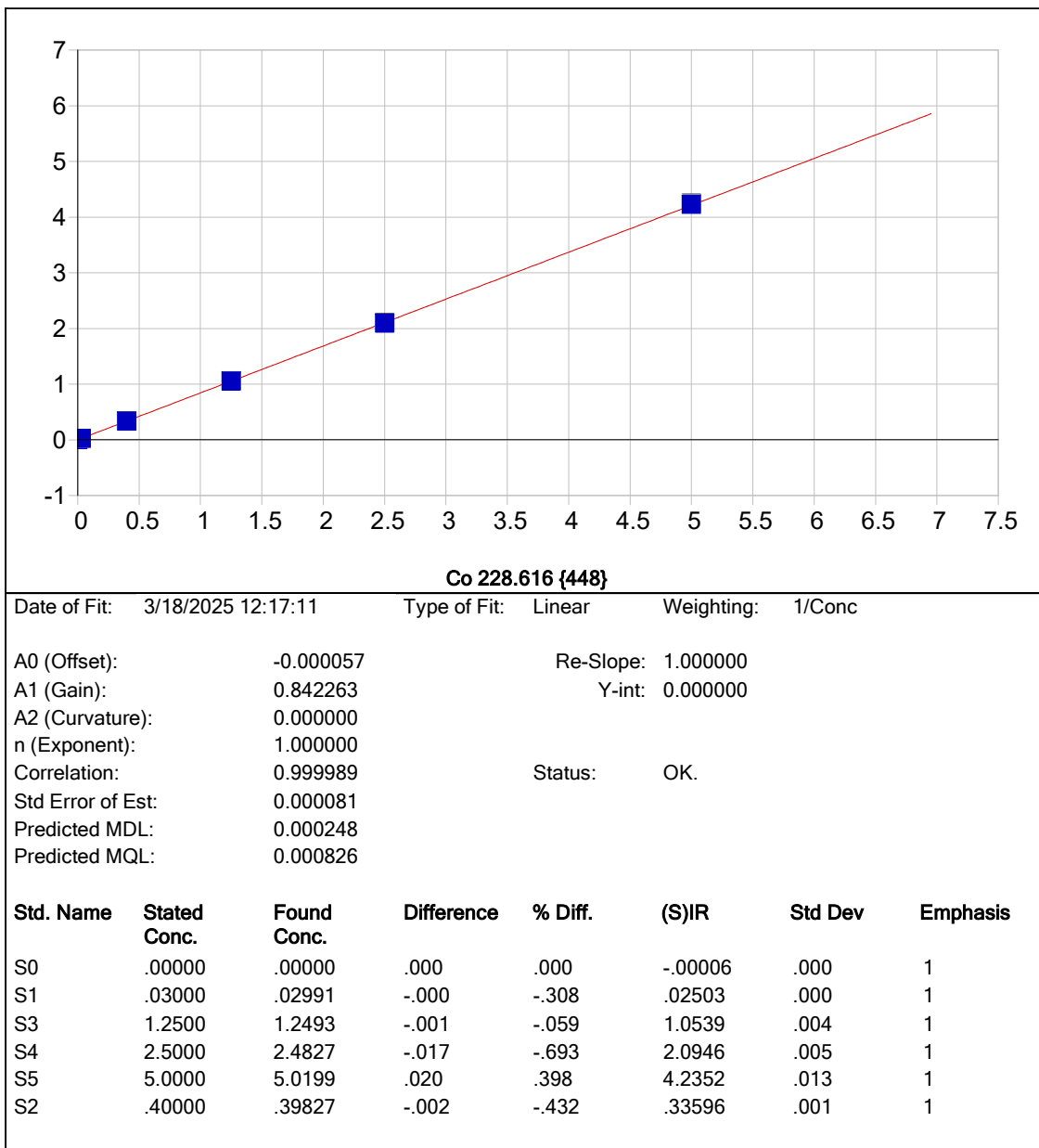


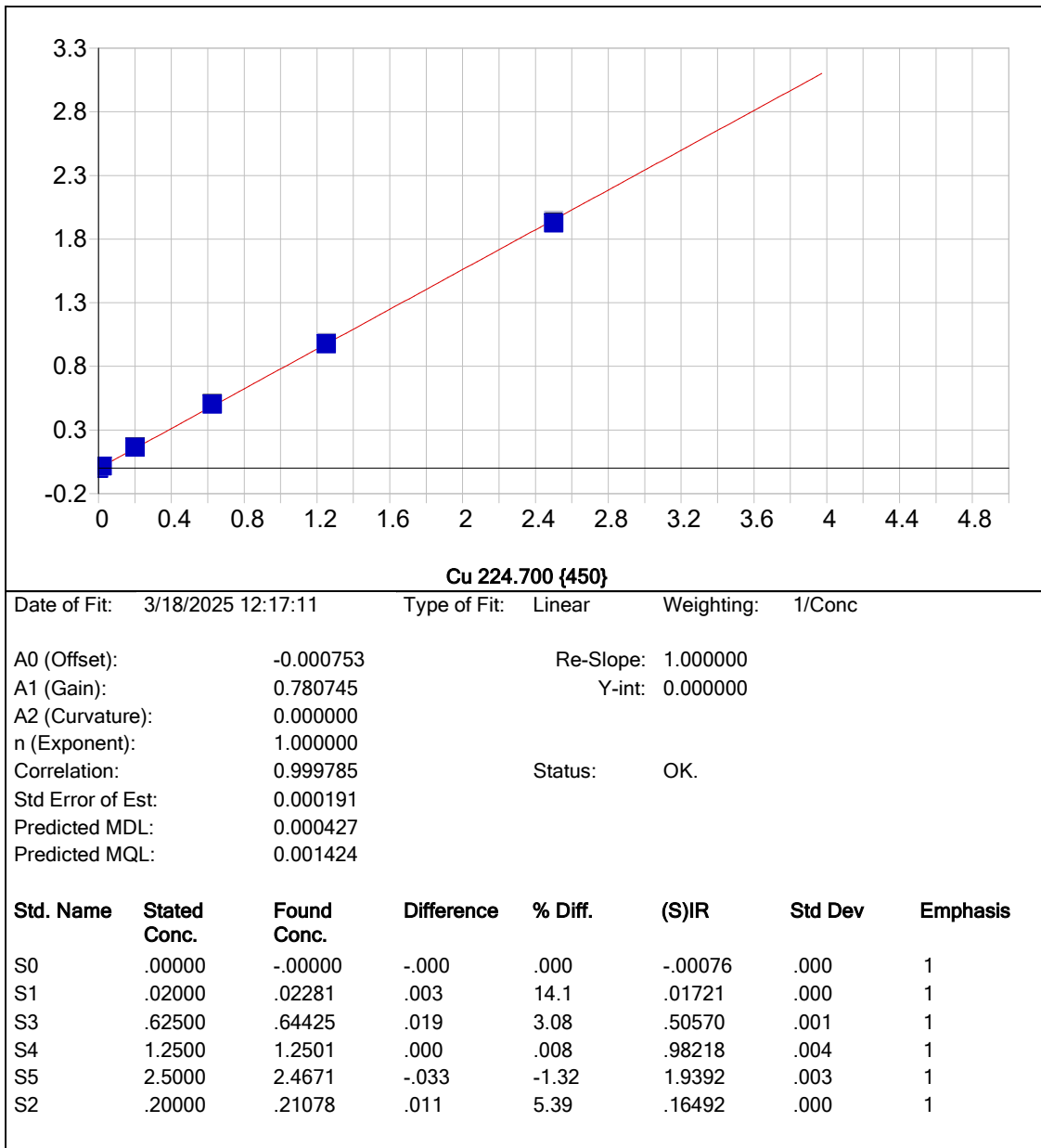


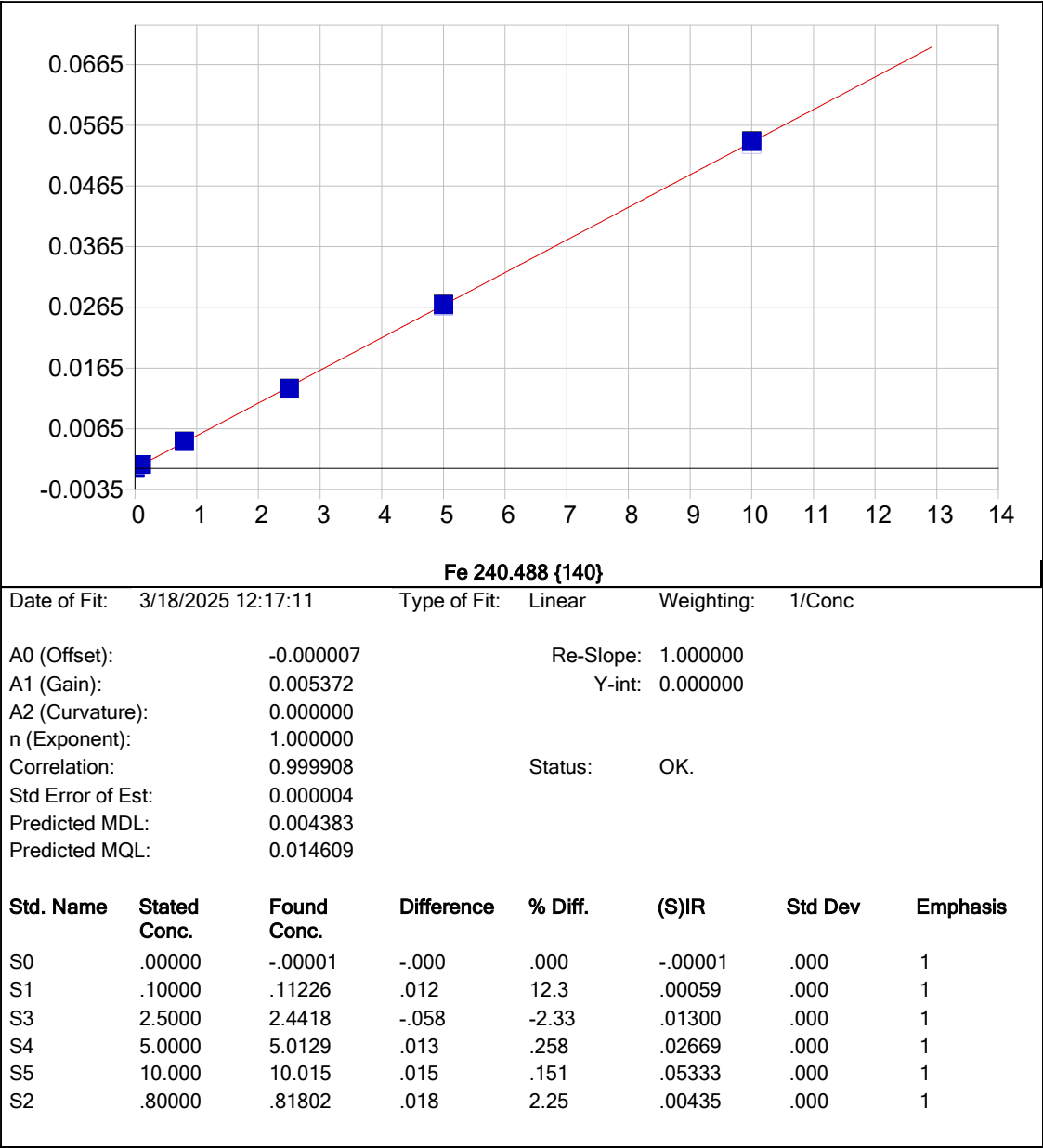


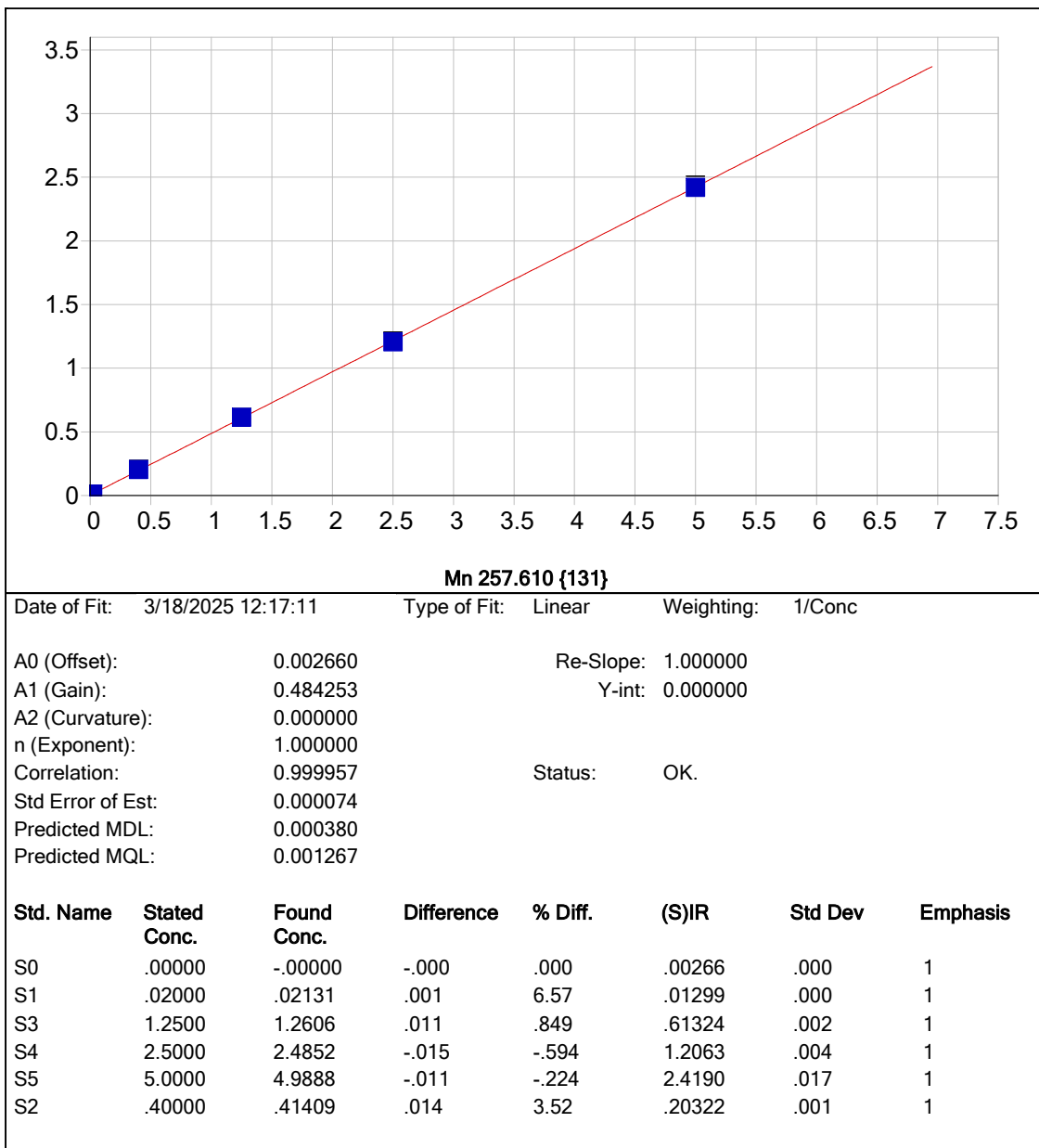


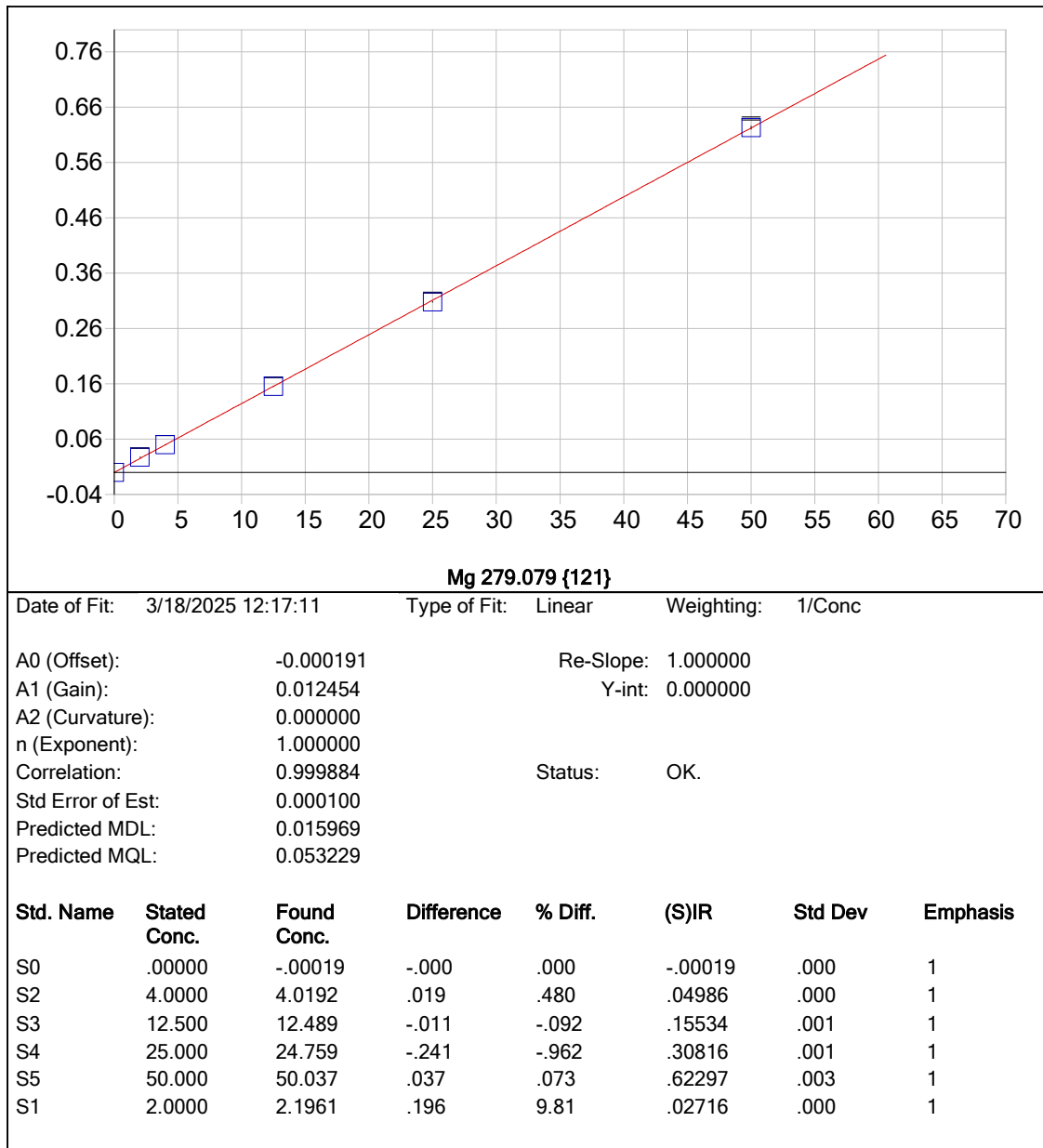


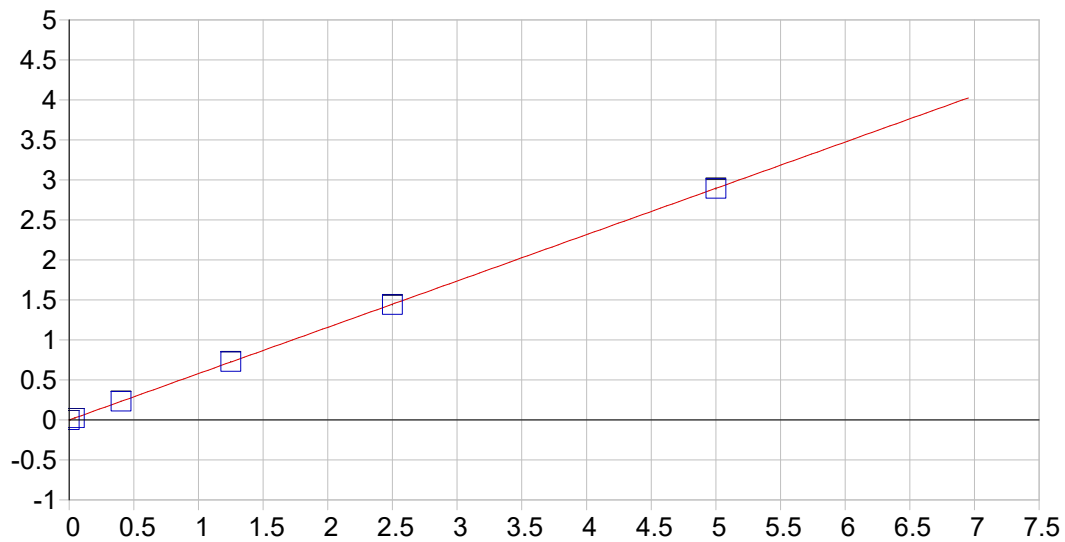










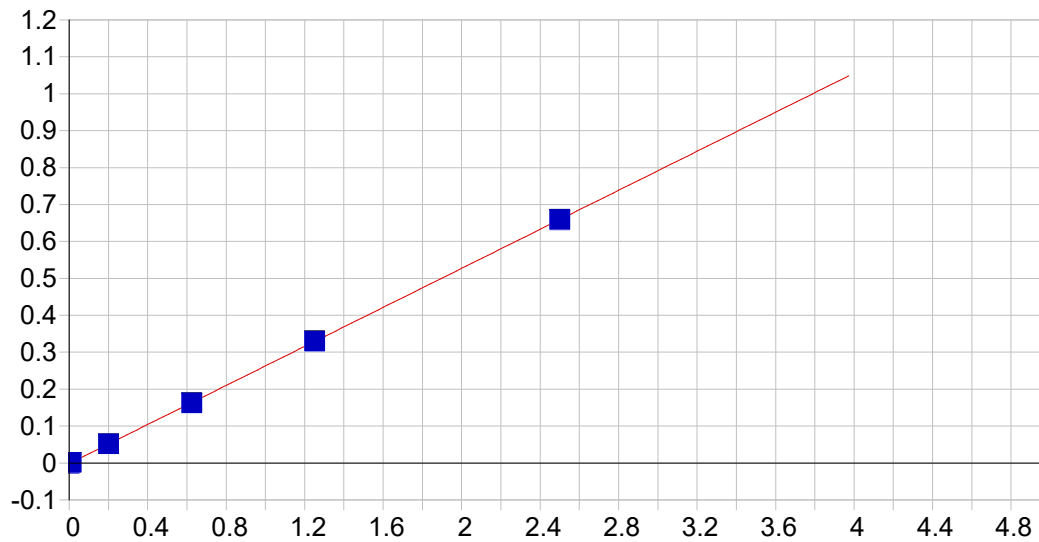


Ni 231.604 {446}

Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000299	Re-Slope:	1.000000
A1 (Gain):	0.578952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.000338		
Predicted MQL:	0.001126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.04000	.04055	.001	1.38	.02318	.000	1
S3	1.2500	1.2600	.010	.800	.72918	.003	1
S4	2.5000	2.4887	-.011	-.453	1.4405	.004	1
S5	5.0000	4.9963	-.004	-.073	2.8923	.009	1
S2	.40000	.40443	.004	1.11	.23385	.001	1

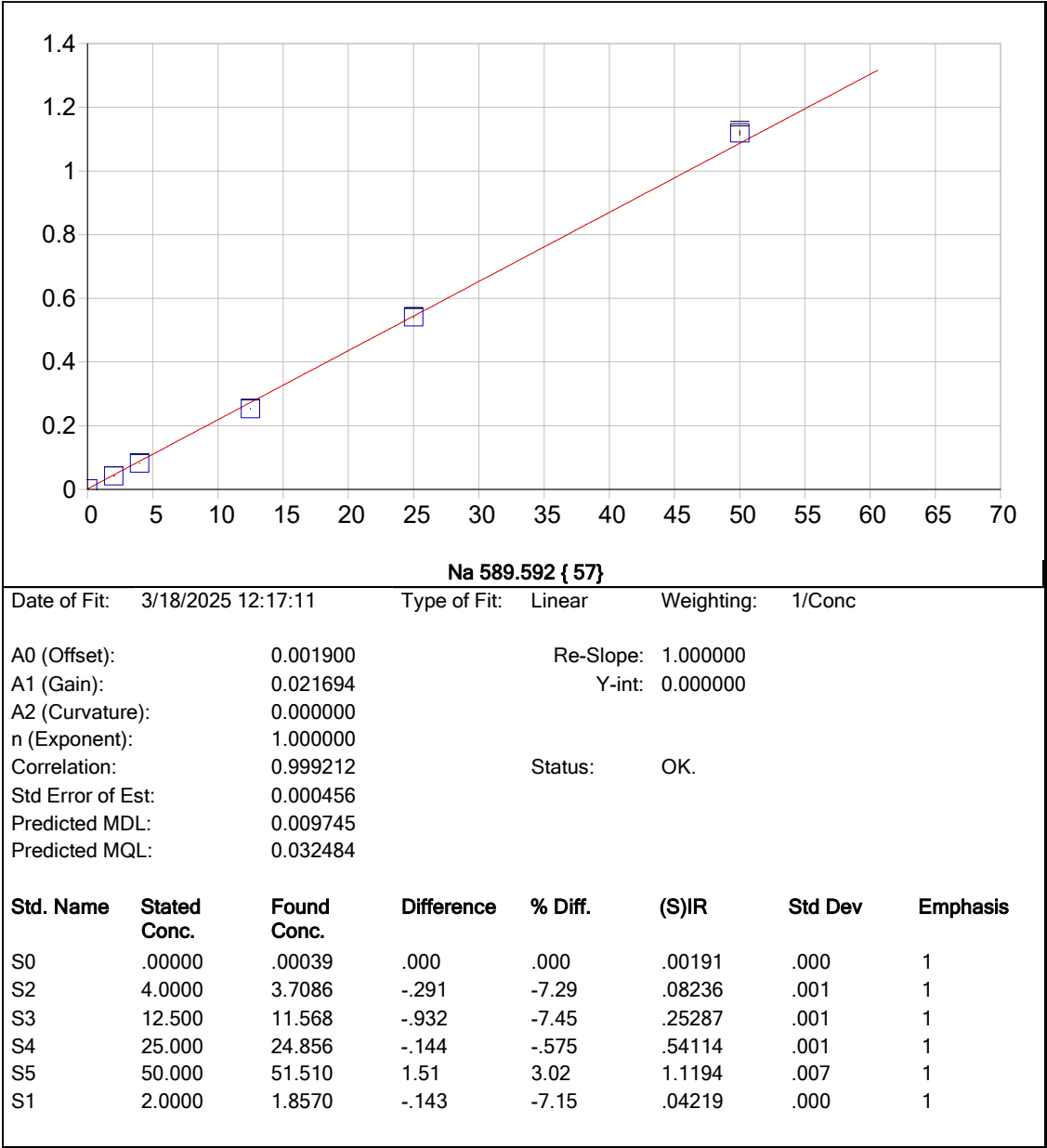


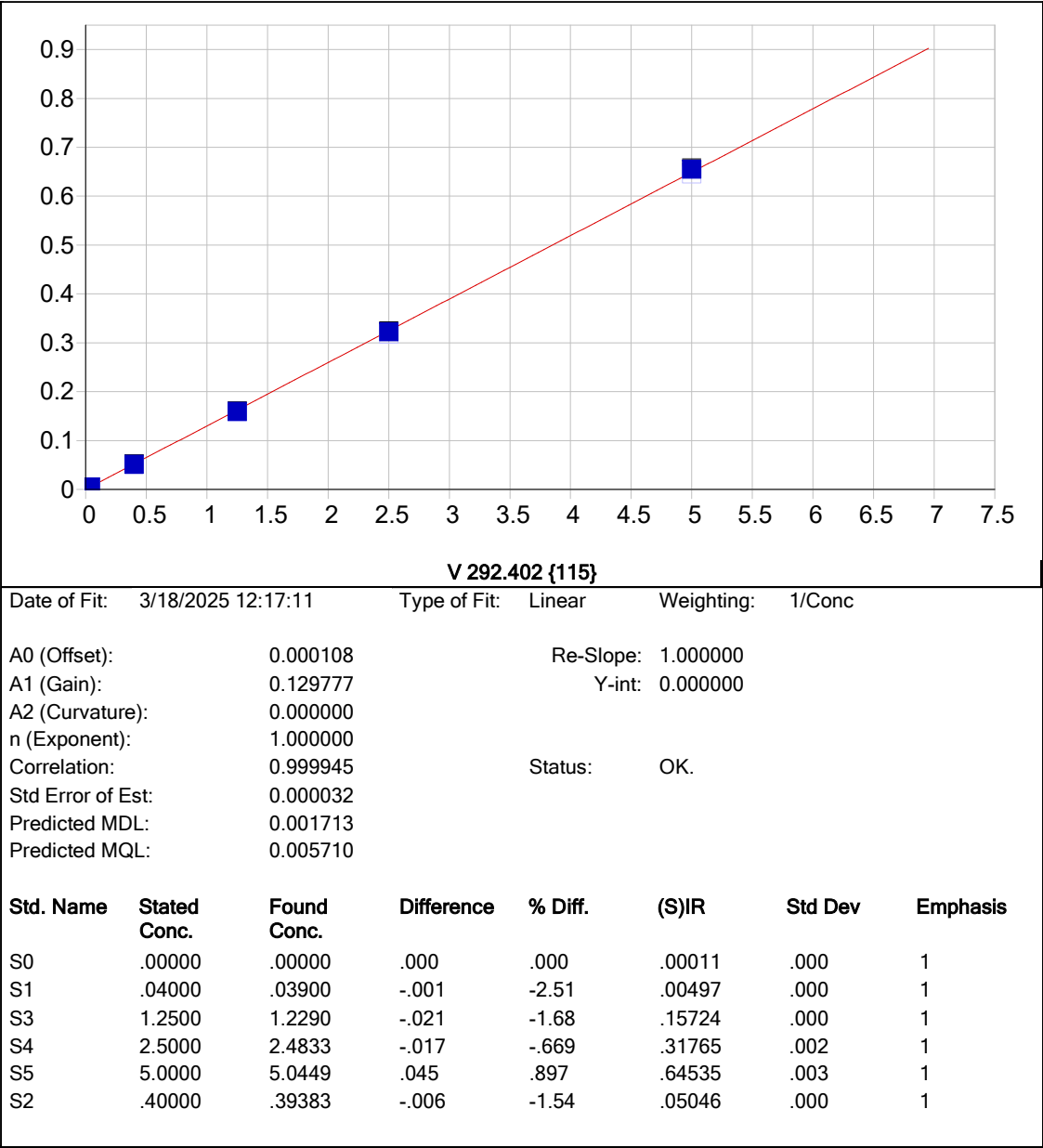
Ag 328.068 {103}

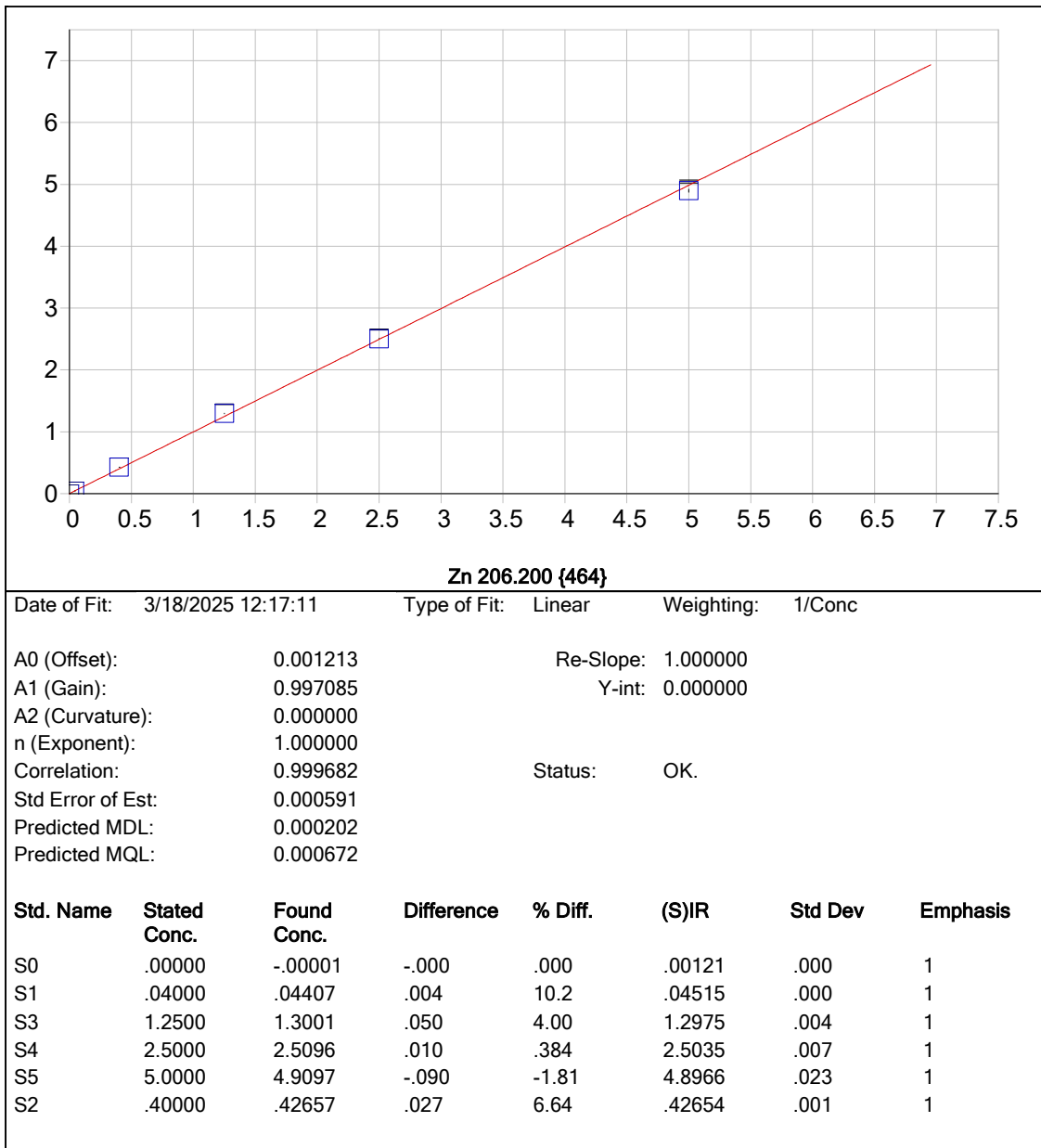
Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

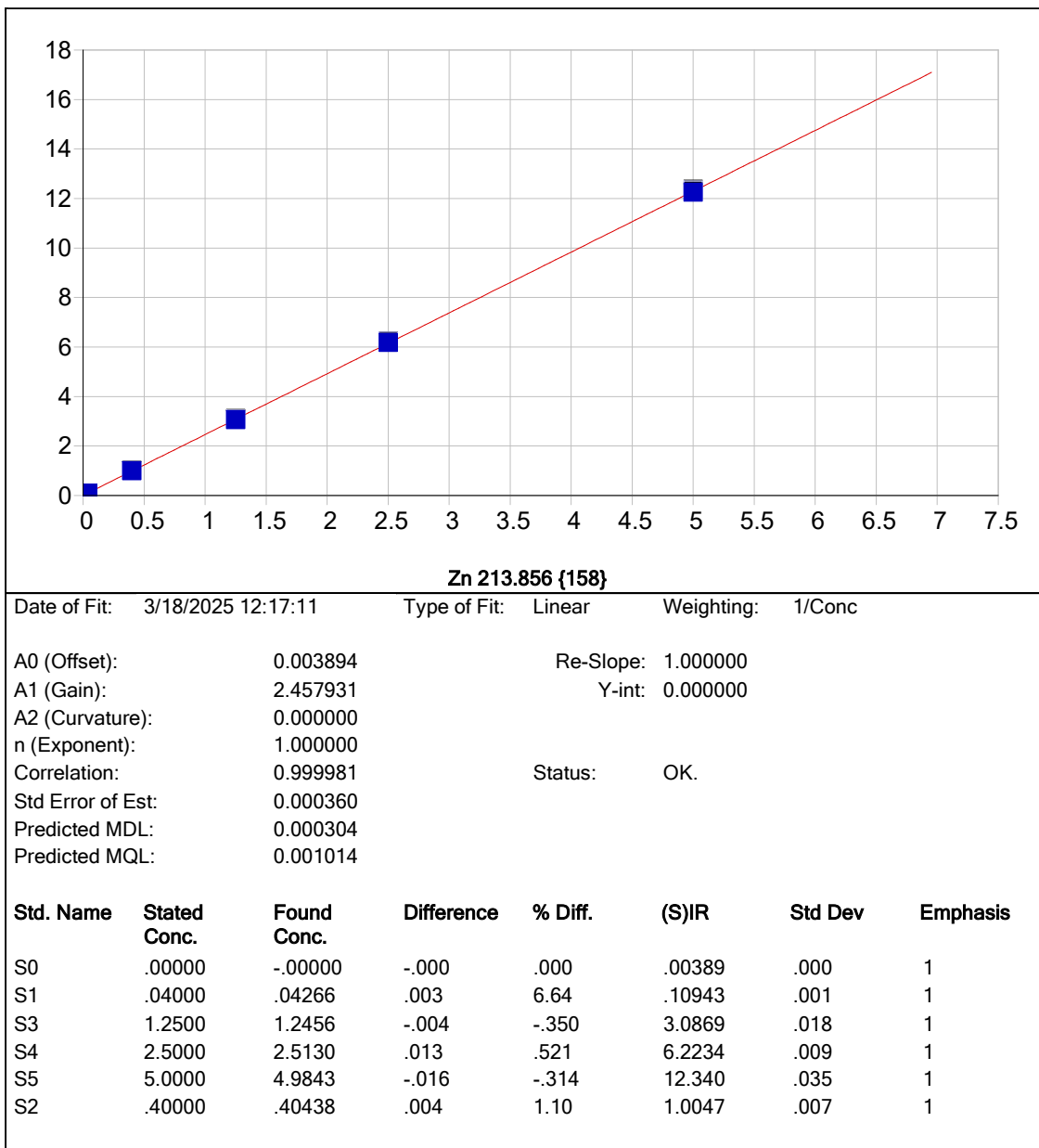
A0 (Offset): -0.001464 Re-Slope: 1.000000
A1 (Gain): 0.264291 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999992 Status: OK.
Std Error of Est: 0.000009
Predicted MDL: 0.000368
Predicted MQL: 0.001227

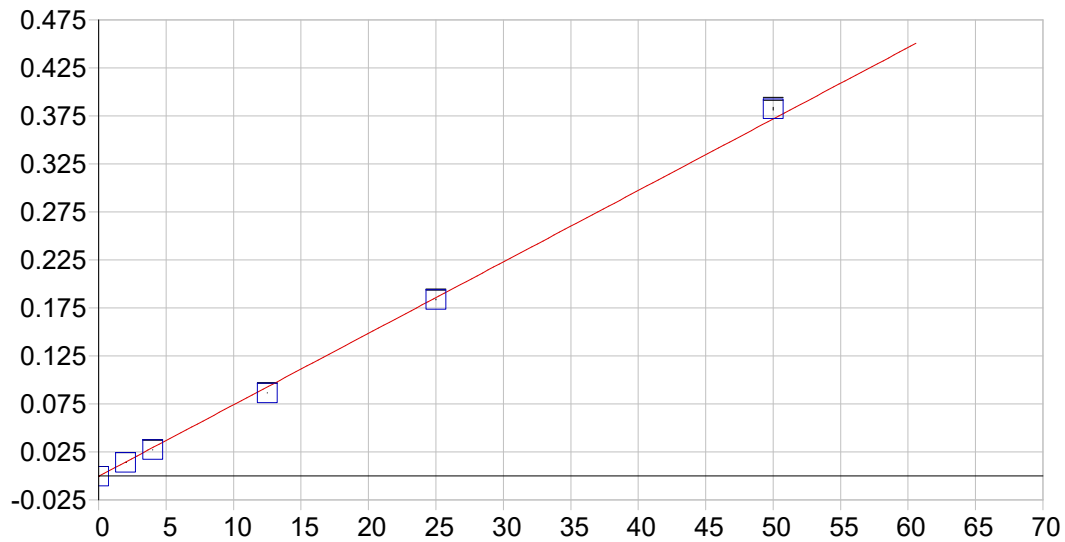
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.01000	.00991	-.000	-.946	.00114	.000	1
S3	.62500	.62018	-.005	-.771	.16179	.000	1
S4	1.2500	1.2536	.004	.289	.32854	.001	1
S5	2.5000	2.4990	-.001	-.041	.65637	.001	1
S2	.20000	.20232	.002	1.16	.05180	.000	1









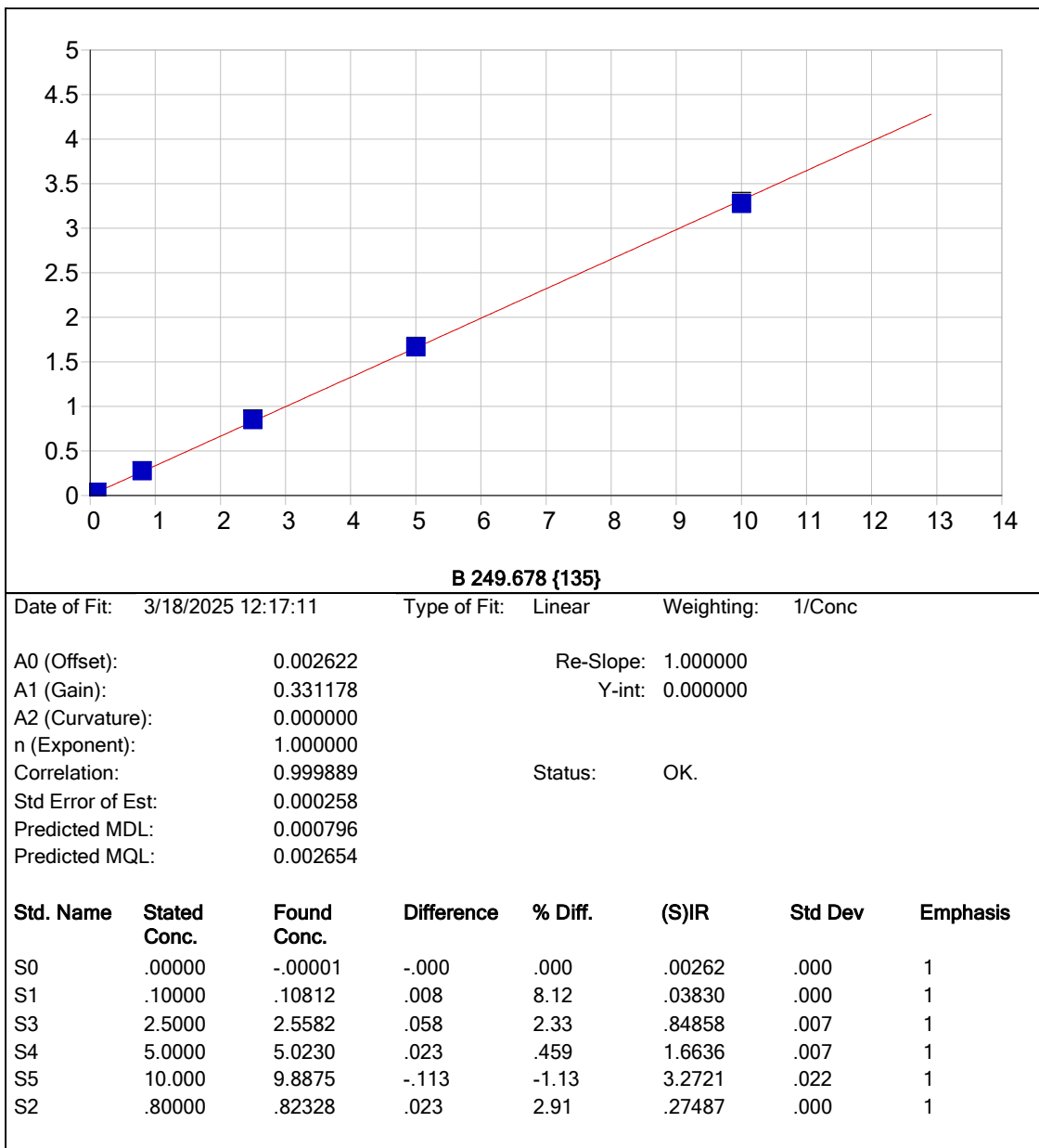


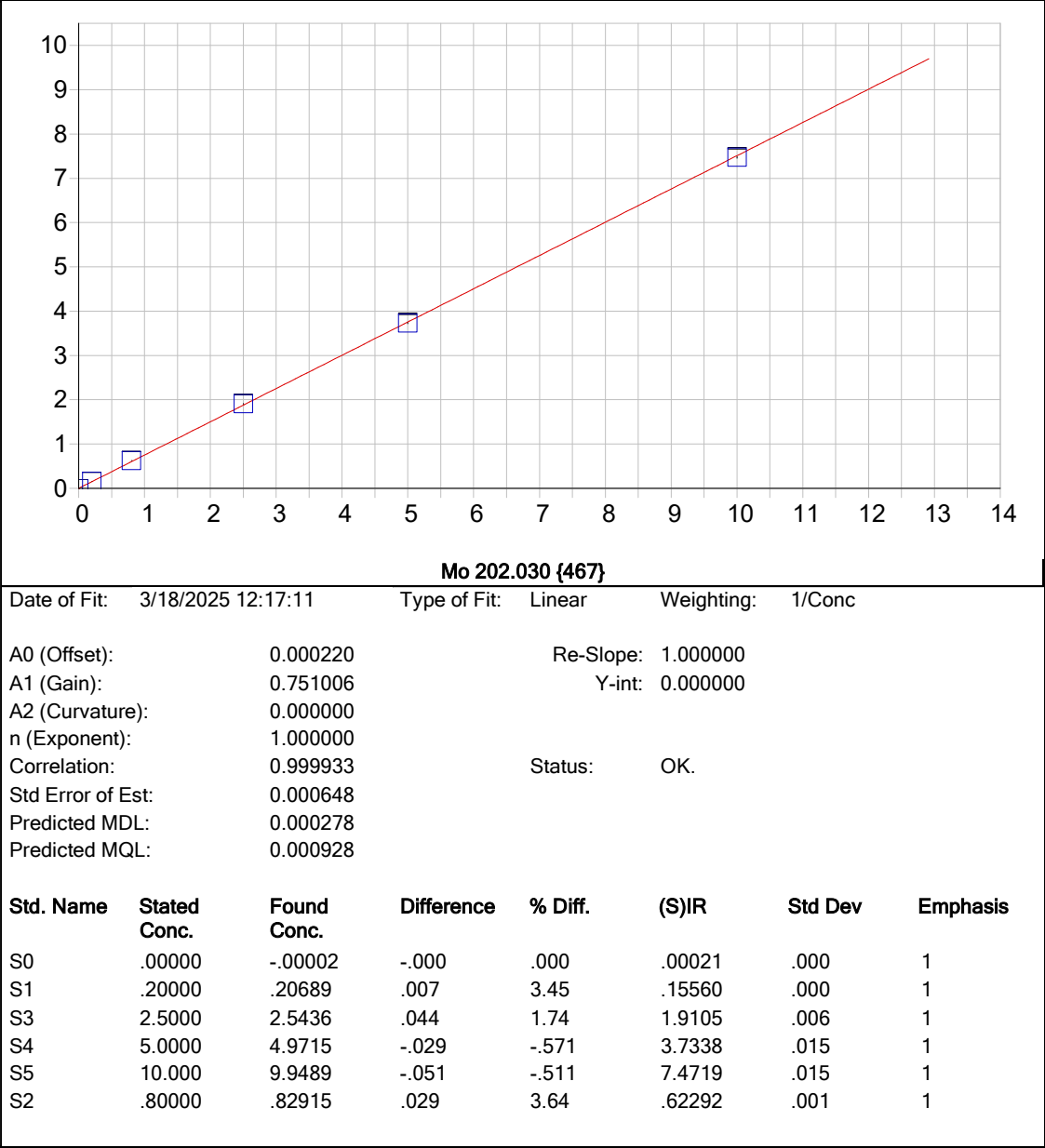
K 766.490 { 44 }

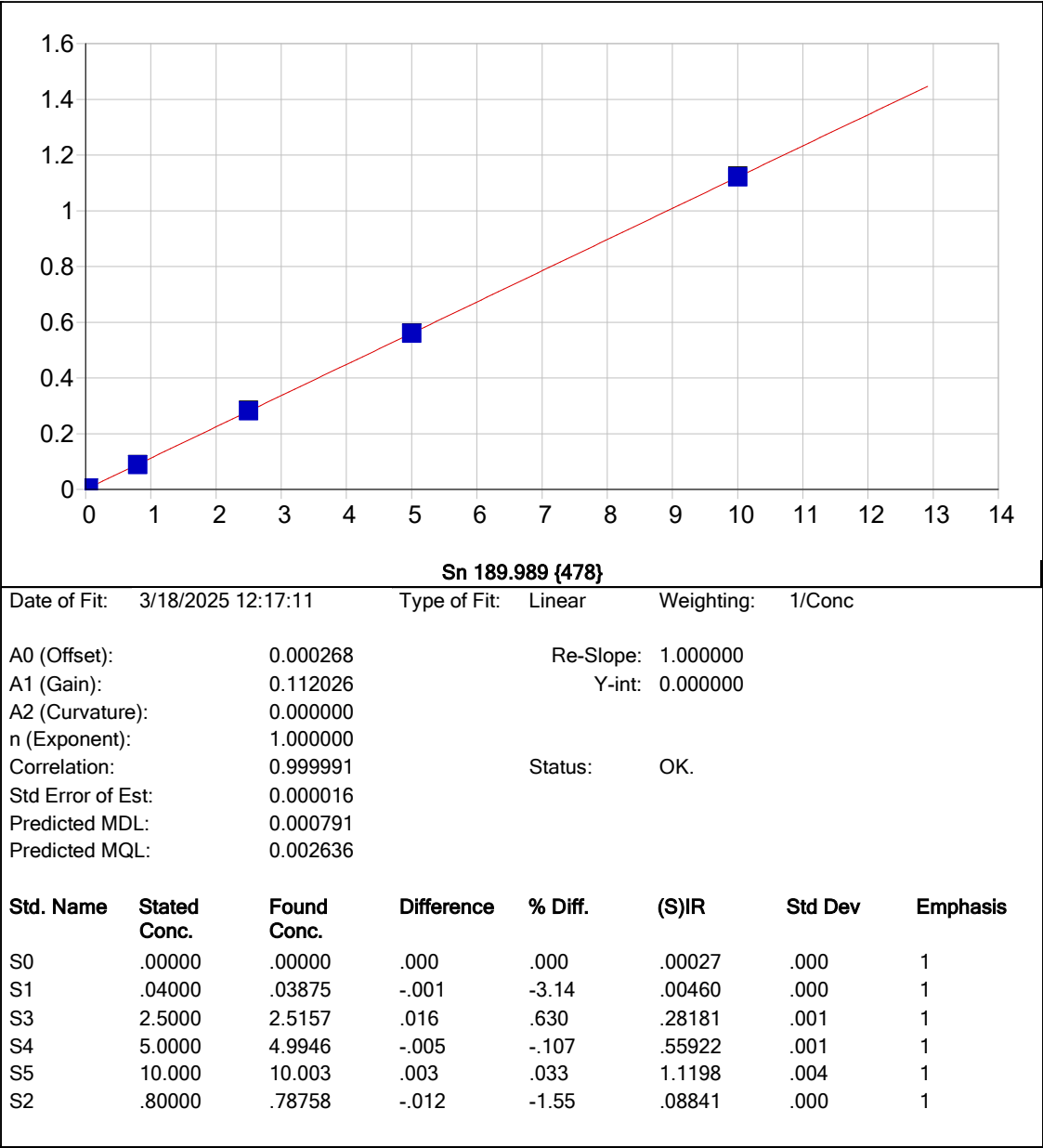
Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

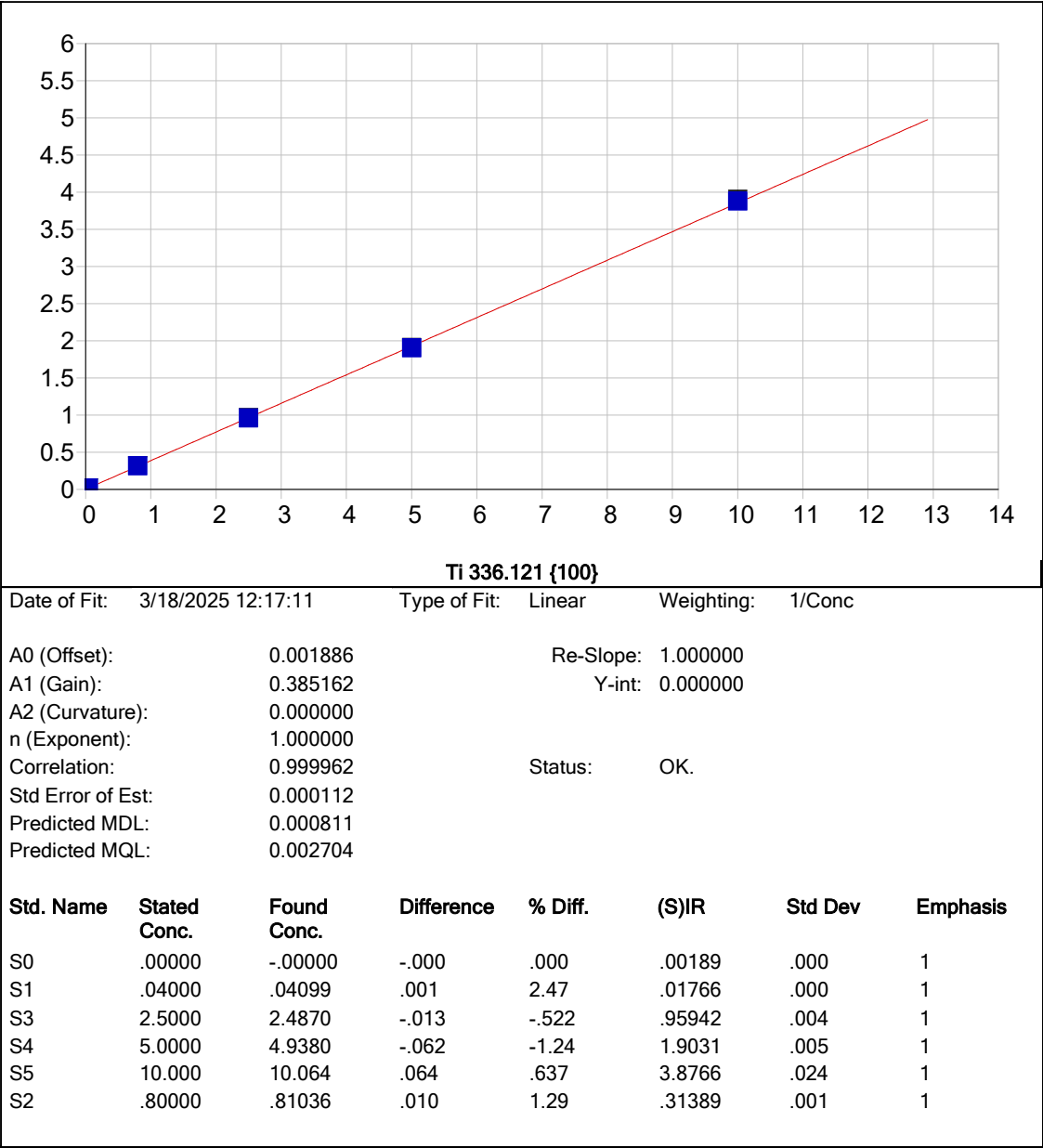
A0 (Offset): -0.000409 Re-Slope: 1.000000
A1 (Gain): 0.007444 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999346 Status: OK.
Std Error of Est: 0.000142
Predicted MDL: 0.028947
Predicted MQL: 0.096490

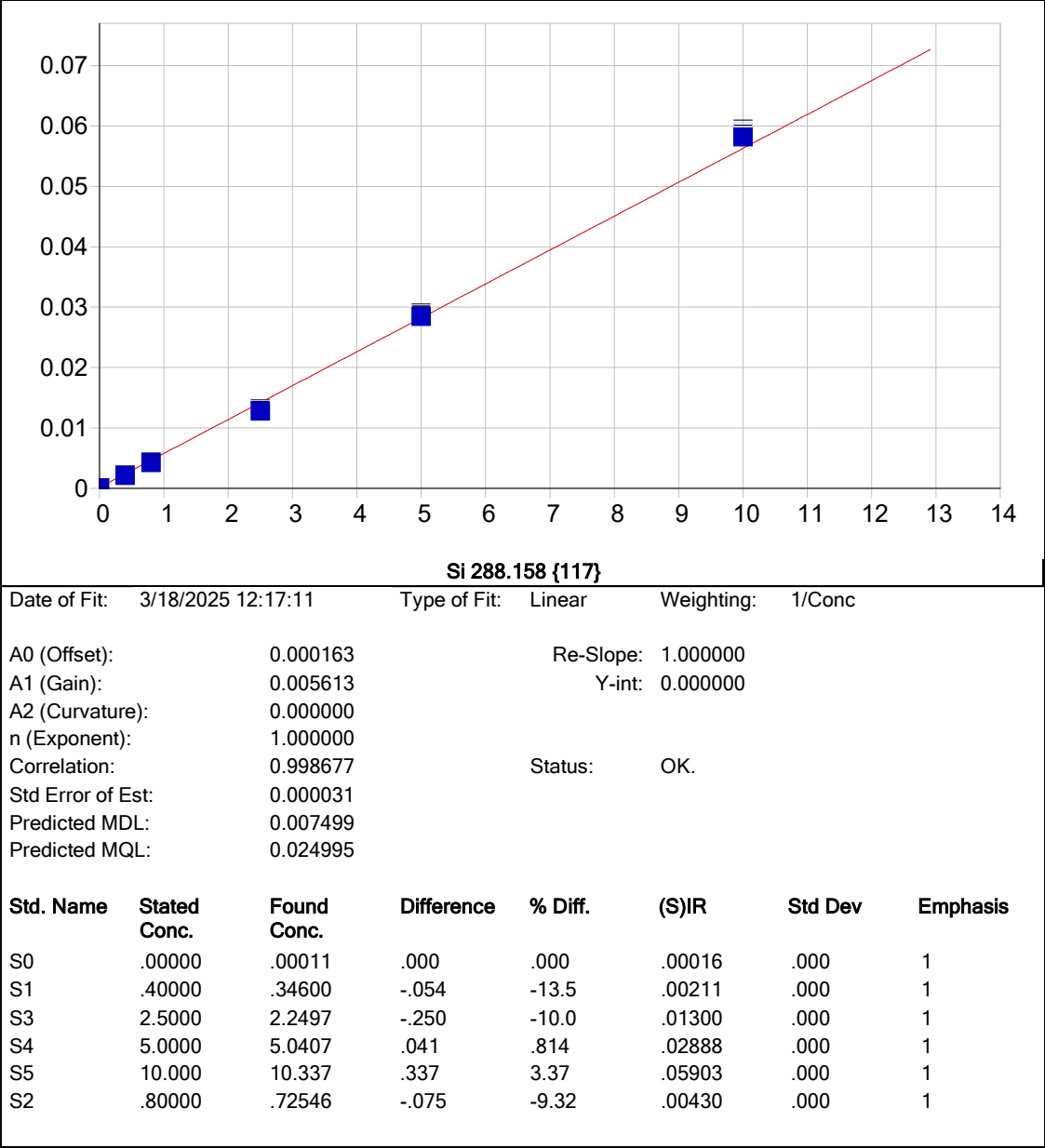
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00041	.000	1
S2	4.0000	3.7215	-.278	-6.96	.02729	.000	1
S3	12.500	11.662	-.838	-6.71	.08640	.000	1
S4	25.000	24.750	-.250	-1.00	.18382	.000	1
S5	50.000	51.441	1.44	2.88	.38250	.002	1
S1	2.0000	1.9264	-.074	-3.68	.01393	.000	1

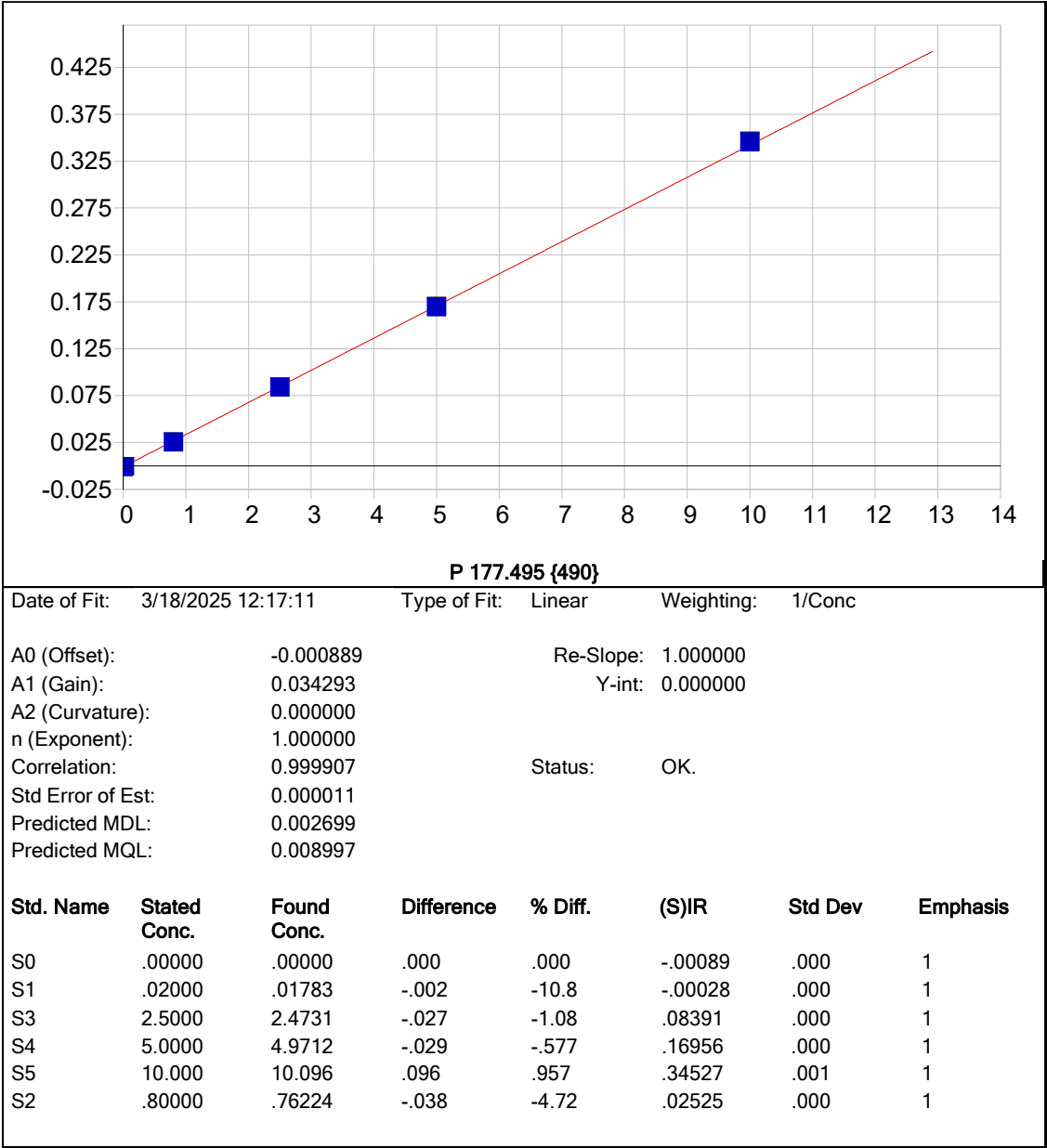






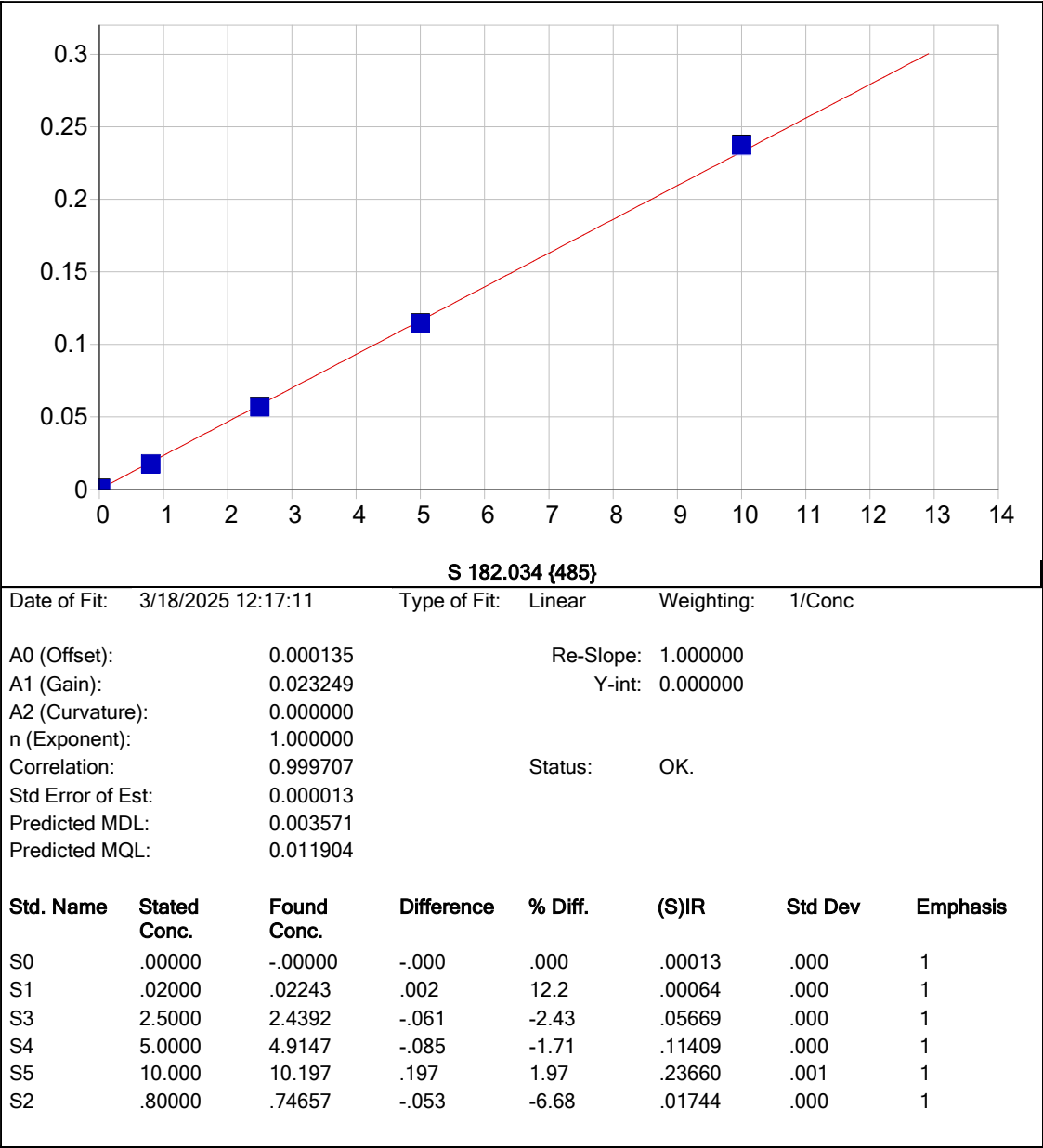


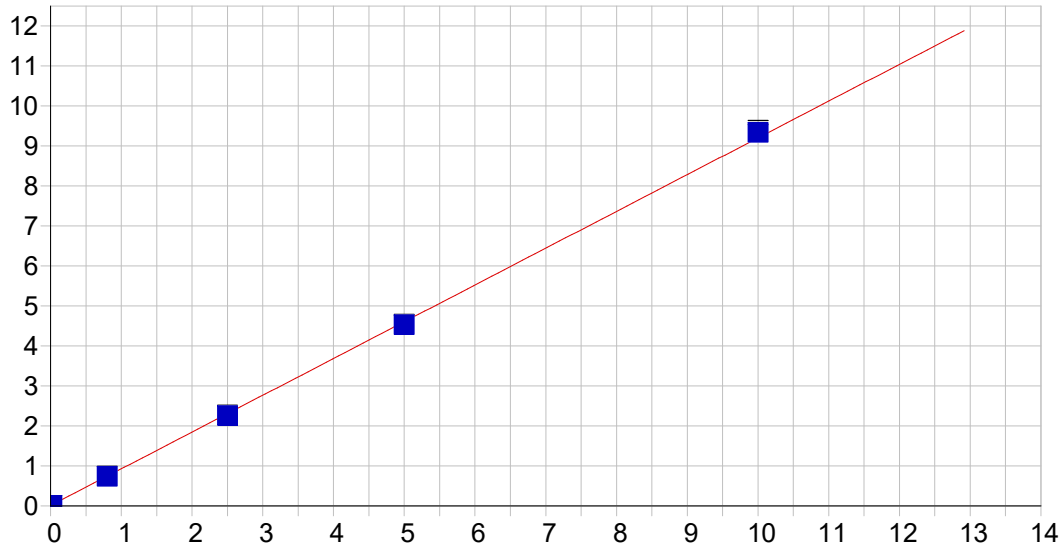




Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000889 Re-Slope: 1.000000
A1 (Gain): 0.034293 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999907 Status: OK.
Std Error of Est: 0.000011
Predicted MDL: 0.002699
Predicted MQL: 0.008997



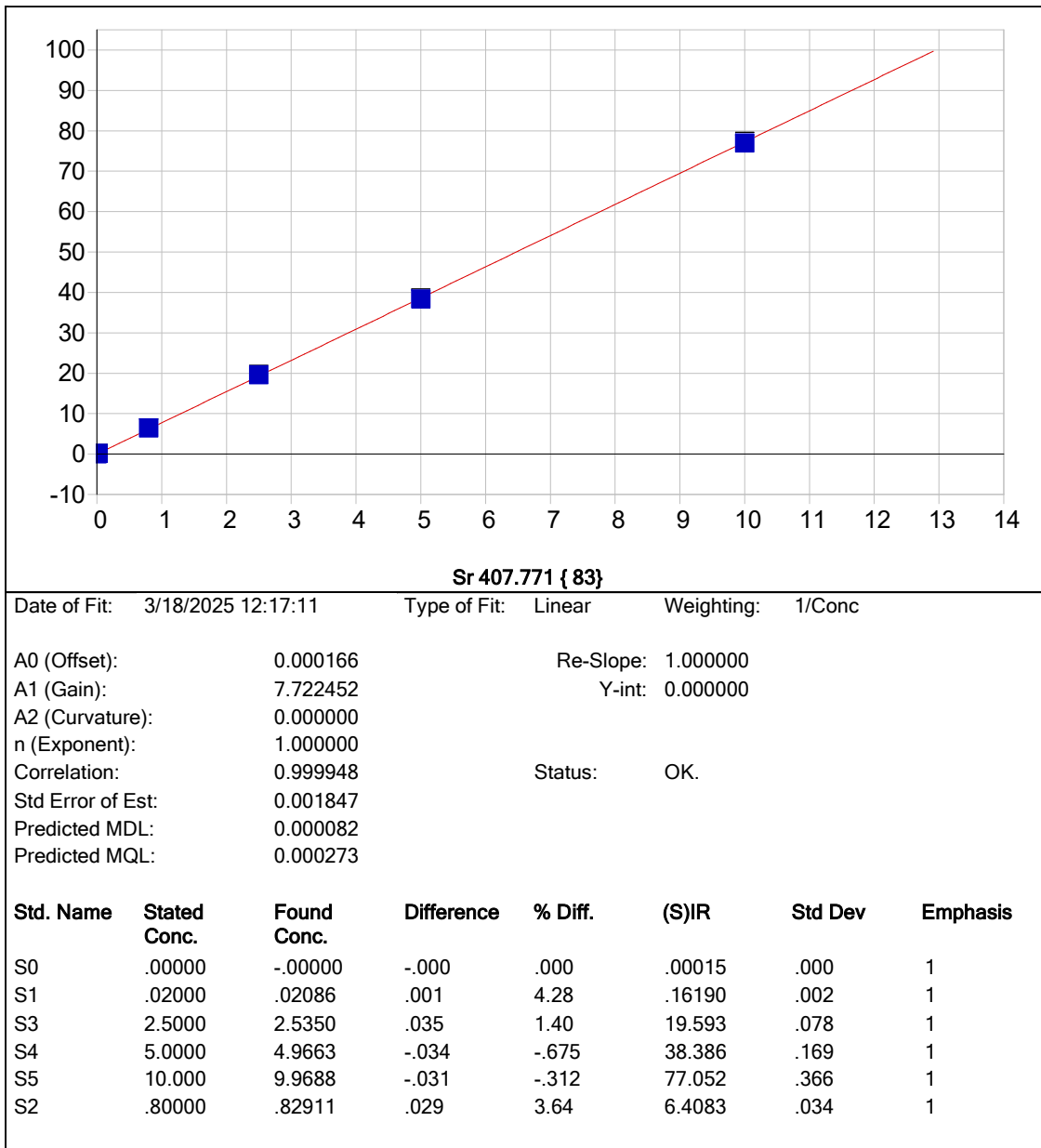


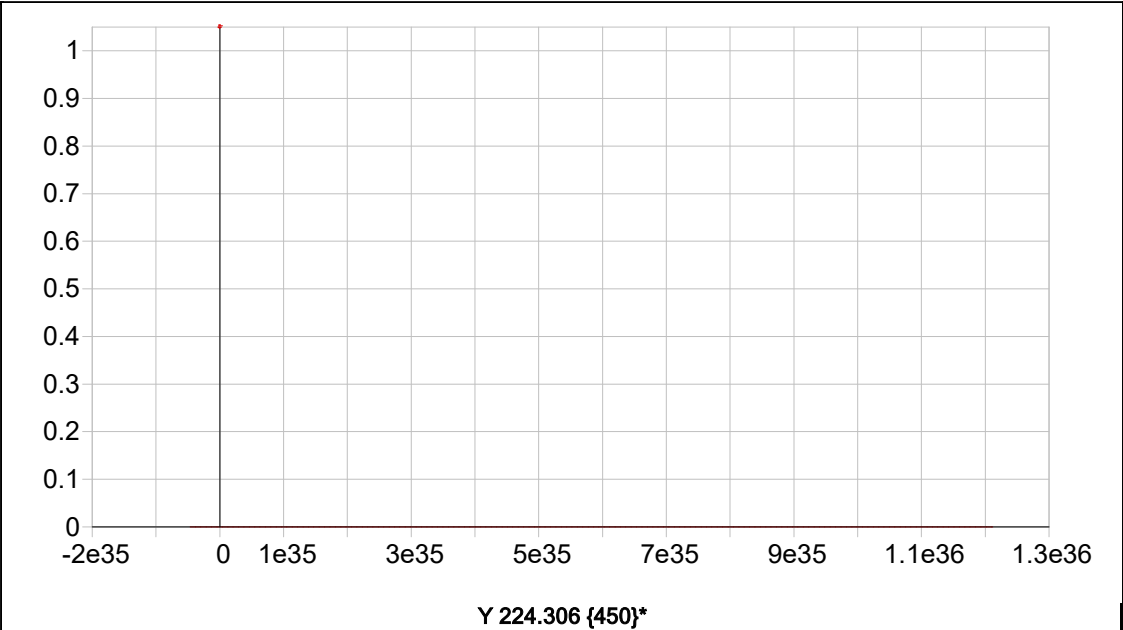
Li 670.784 { 50}

Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008110 Re-Slope: 1.000000
A1 (Gain): 0.919569 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999870 Status: OK.
Std Error of Est: 0.000348
Predicted MDL: 0.001125
Predicted MQL: 0.003751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00811	.001	1
S5	10.000	10.145	.145	1.45	9.3415	.052	1
S4	5.0000	4.9131	-.087	-1.74	4.5283	.014	1
S3	2.5000	2.4464	-.054	-2.14	2.2589	.011	1
S1	.02000	.02003	.000	.127	.02682	.001	1
S2	.80000	.79580	-.004	-.525	.74027	.004	1

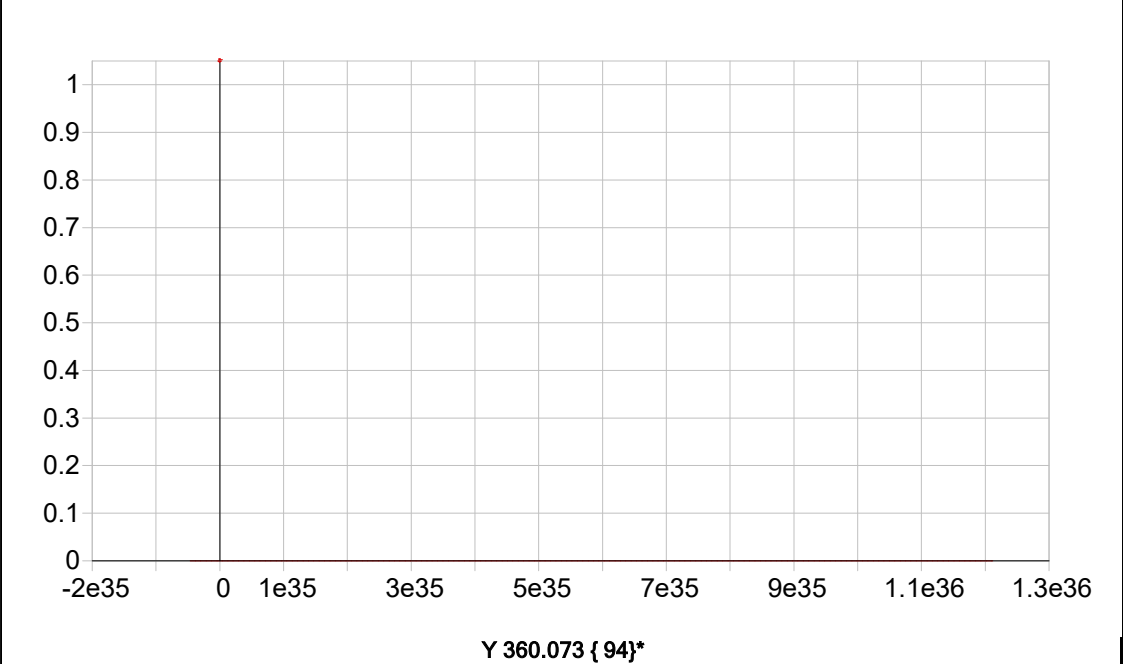




Date of Fit: 3/18/2025 12:17:11 Type of Fit: Linear Weighting: 1/Conc

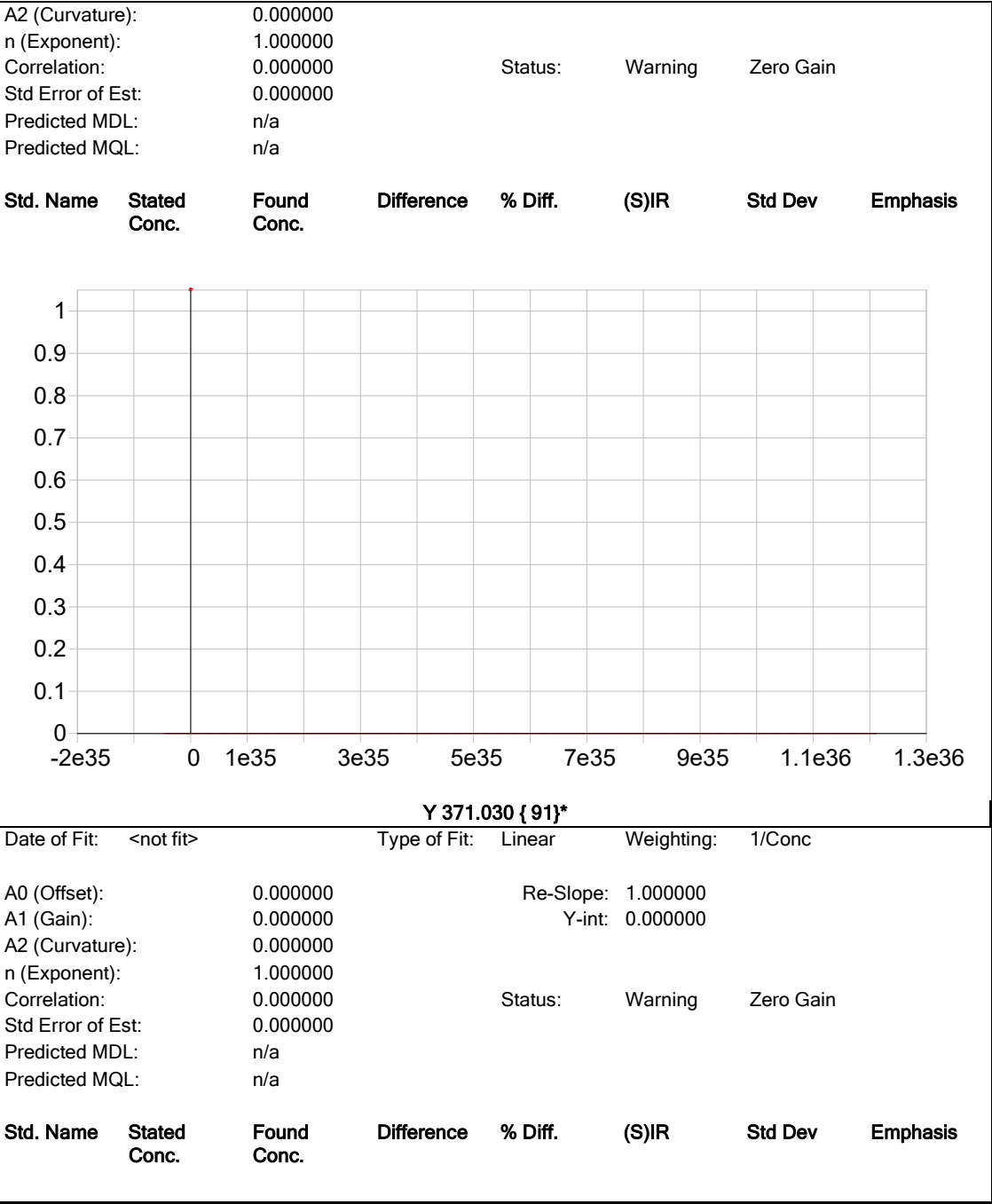
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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



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: 3/18/2025 10:11:16 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	-.00013	.00006	-.00017	.00040	.00014	-.00031	.05857	-.00035
Stddev	.00013	.00003	.00027	.00006	.00005	.00050	.00154	.00022
%RSD	96.832	44.063	156.67	14.280	36.962	162.85	2.6336	62.807
#1	-.00005	.00008	-.00020	.00046	.00016	-.00074	.05975	-.00017
#2	-.00007	.00003	-.00043	.00038	.00017	-.00041	.05914	-.00059
#3	-.00028	.00006	.00011	.00035	.00008	.00024	.05682	-.00028
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	-.00010	.00069	.00003	-.00006	-.00076	-.00001	.00266	-.00019
Stddev	.00011	.00031	.00005	.00008	.00012	.00002	.00034	.00005
%RSD	104.56	45.528	210.30	143.61	15.590	237.54	12.631	27.151
#1	-.00004	.00103	-.00003	-.00014	-.00071	-.00002	.00294	-.00016
#2	-.00004	.00060	.00003	.00003	-.00089	.00001	.00275	-.00025
#3	-.00023	.00042	.00007	-.00006	-.00067	-.00001	.00229	-.00016
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	-.00030	-.00146	.00191	.00011	.00389	-.00041	.00262	.00021
Stddev	.00008	.00010	.00004	.00009	.00037	.00009	.00003	.00004
%RSD	27.981	6.5513	1.8394	78.770	9.6361	22.373	1.3167	21.279
#1	-.00025	-.00153	.00192	.00001	.00352	-.00033	.00265	.00026
#2	-.00040	-.00135	.00193	.00017	.00427	-.00051	.00258	.00019
#3	-.00026	-.00151	.00187	.00015	.00386	-.00038	.00262	.00017
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00027	.00189	.00016	-.00089	.00013	.00811	.00015	
Stddev	.00002	.00017	.00000	.00013	.00002	.00060	.00018	
%RSD	8.9024	8.9301	2.7825	14.527	14.877	7.3728	116.97	
#1	.00025	.00179	.00016	-.00088	.00016	.00833	.00001	
#2	.00025	.00179	.00016	-.00076	.00012	.00743	.00035	
#3	.00030	.00208	.00017	-.00102	.00012	.00856	.00009	

Sample Name: S0 Acquired: 3/18/2025 10:11:16 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2850.8	75483.	13509.	2558.8	5086.0
Stddev	10.5	295.	53.	1.0	10.0
%RSD	.37003	.39072	.39009	.03995	.19623
#1	2840.7	75823.	13455.	2560.0	5074.4
#2	2861.7	75289.	13561.	2558.2	5091.3
#3	2850.0	75338.	13511.	2558.2	5092.1

Sample Name: S1 Acquired: 3/18/2025 10:15:41 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.00105	.00229	.00203	.00136	.00769	.00791	.33523	.02435
Stddev	.00002	.00007	.00002	.00011	.00011	.00045	.00256	.00011
%RSD	1.7360	3.0307	.98938	7.7959	1.3792	5.6249	.76233	.46292
#1	.00107	.00233	.00204	.00124	.00762	.00823	.33727	.02442
#2	.00105	.00233	.00205	.00139	.00781	.00810	.33606	.02441
#3	.00103	.00221	.00201	.00144	.00764	.00740	.33237	.02422
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	.01371	.10817	.00182	.02503	.01721	.00059	.01299	.02716
Stddev	.00021	.00085	.00004	.00030	.00009	.00002	.00008	.00010
%RSD	1.5300	.78565	1.9441	1.2060	.51500	3.7768	.61006	.38285
#1	.01347	.10900	.00186	.02478	.01717	.00058	.01302	.02713
#2	.01381	.10820	.00182	.02536	.01715	.00057	.01304	.02728
#3	.01386	.10730	.00179	.02493	.01731	.00061	.01290	.02708
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	.02318	.00114	.04219	.00497	.10943	.01393	.03830	.15560
Stddev	.00015	.00008	.00021	.00017	.00088	.00009	.00033	.00008
%RSD	.65387	7.3404	.50273	3.5151	.80061	.64740	.85878	.05294
#1	.02305	.00119	.04241	.00488	.11044	.01385	.03792	.15551
#2	.02334	.00104	.04216	.00486	.10892	.01403	.03852	.15566
#3	.02315	.00118	.04199	.00518	.10893	.01391	.03847	.15563
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	.00460	.01766	.00211	-.00028	.00064	.02682	.16190	
Stddev	.00008	.00030	.00004	.00010	.00006	.00065	.00245	
%RSD	1.7828	1.7016	1.7127	35.712	9.5656	2.4210	1.5153	
#1	.00469	.01796	.00213	-.00018	.00062	.02740	.16465	
#2	.00458	.01736	.00213	-.00038	.00070	.02694	.16112	
#3	.00453	.01766	.00207	-.00026	.00059	.02612	.15993	

Sample Name: S1 Acquired: 3/18/2025 10:15:41 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2836.5	72179.	13687.	2467.4	5030.4
Stddev	2.2	143.	46.	7.7	10.8
%RSD	.07852	.19878	.33691	.31314	.21471
#1	2835.3	72313.	13666.	2474.1	5019.3
#2	2835.2	72028.	13655.	2469.2	5031.0
#3	2839.1	72197.	13740.	2458.9	5040.9

Sample Name: S2 Acquired: 3/18/2025 10:20:04 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.04401	.04688	.15019	.04831	.11309	.11816	4.3214	.16325
Stddev	.00018	.00044	.00028	.00030	.00045	.00014	.0323	.00076
%RSD	.40523	.94425	.18966	.62940	.39642	.11969	.74794	.46304
#1	.04390	.04736	.15015	.04808	.11257	.11804	4.2852	.16324
#2	.04421	.04681	.15049	.04865	.11329	.11812	4.3474	.16402
#3	.04391	.04648	.14992	.04820	.11340	.11831	4.3317	.16250
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	.91779	.20951	.02727	.33596	.16492	.00435	.20322	.04986
Stddev	.00139	.00071	.00013	.00086	.00046	.00003	.00096	.00020
%RSD	.15130	.33924	.47418	.25700	.27709	.79962	.47356	.40570
#1	.91630	.20895	.02712	.33557	.16439	.00434	.20214	.04997
#2	.91905	.21031	.02734	.33695	.16519	.00433	.20399	.04999
#3	.91800	.20928	.02735	.33537	.16517	.00439	.20354	.04963
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	.23385	.05180	.08236	.05046	1.0047	.02729	.27487	.62292
Stddev	.00069	.00008	.00070	.00024	.0067	.00019	.00044	.00083
%RSD	.29503	.15322	.85425	.48402	.66954	.71047	.16054	.13316
#1	.23312	.05173	.08168	.05074	1.0016	.02707	.27454	.62273
#2	.23449	.05189	.08309	.05038	1.0124	.02740	.27538	.62382
#3	.23393	.05178	.08230	.05027	1.0001	.02741	.27470	.62220
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	.08841	.31389	.00430	.02525	.01744	.74027	6.4083	
Stddev	.00029	.00104	.00003	.00010	.00013	.00368	.0340	
%RSD	.32683	.33168	.63569	.39073	.76187	.49736	.53028	
#1	.08824	.31270	.00433	.02514	.01760	.73611	6.3705	
#2	.08874	.31459	.00430	.02528	.01737	.74311	6.4363	
#3	.08824	.31439	.00428	.02532	.01736	.74159	6.4182	

Sample Name: S2 Acquired: 3/18/2025 10:20:04 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2775.7	71565.	13621.	2422.2	4881.3
Stddev	7.6	155.	36.	8.5	13.2
%RSD	.27229	.21672	.26095	.34917	.27023
#1	2776.9	71533.	13580.	2417.4	4876.3
#2	2767.6	71734.	13640.	2417.2	4871.3
#3	2782.5	71429.	13642.	2432.0	4896.3

Sample Name: S3 Acquired: 3/18/2025 10:24:14 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.14032	.14939	.47670	.15257	.35724	.37275	13.143	.50546
Stddev	.00043	.00078	.00192	.00016	.00094	.00082	.067	.00256
%RSD	.30915	.52114	.40212	.10356	.26293	.21878	.51310	.50702
#1	.14039	.15014	.47615	.15242	.35663	.37349	13.213	.50692
#2	.13985	.14859	.47512	.15254	.35677	.37289	13.138	.50697
#3	.14071	.14945	.47883	.15274	.35832	.37188	13.078	.50250
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	2.9027	.65071	.08510	1.0539	.50570	.01300	.61324	.15534
Stddev	.0097	.00236	.00051	.0041	.00114	.00005	.00229	.00064
%RSD	.33329	.36276	.60269	.38577	.22549	.35029	.37368	.40987
#1	2.9028	.65180	.08472	1.0547	.50575	.01301	.61452	.15520
#2	2.8930	.65234	.08488	1.0496	.50454	.01294	.61460	.15604
#3	2.9124	.64801	.08568	1.0576	.50682	.01303	.61059	.15479
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	.72918	.16179	.25287	.15724	3.0869	.08640	.84858	1.9105
Stddev	.00263	.00023	.00116	.00027	.0182	.00015	.00678	.0063
%RSD	.36047	.14205	.45840	.17015	.58834	.17460	.79894	.32908
#1	.72968	.16205	.25234	.15725	3.0868	.08645	.85392	1.9102
#2	.72634	.16162	.25206	.15697	3.0688	.08623	.85087	1.9043
#3	.73152	.16169	.25420	.15750	3.1052	.08652	.84095	1.9169
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	.28181	.95942	.01300	.08391	.05669	2.2589	19.593	
Stddev	.00118	.00360	.00009	.00045	.00041	.0108	.078	
%RSD	.42039	.37498	.69176	.53882	.72632	.47871	.39941	
#1	.28177	.96274	.01292	.08388	.05683	2.2690	19.524	
#2	.28065	.95992	.01298	.08347	.05623	2.2601	19.578	
#3	.28302	.95560	.01310	.08437	.05701	2.2475	19.678	

Sample Name: S3 Acquired: 3/18/2025 10:24:14 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2742.7	71811.	13625.	2345.5	4661.6
Stddev	6.0	233.	45.	20.2	14.9
%RSD	.21912	.32515	.32873	.86103	.32057
#1	2741.7	71908.	13603.	2360.2	4655.7
#2	2749.2	71980.	13597.	2353.8	4678.6
#3	2737.3	71545.	13677.	2322.5	4650.5

Sample Name: S4 Acquired: 3/18/2025 10:28:24 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.28964	.29679	.96726	.30425	.70945	.75319	26.518	.98951
Stddev	.00096	.00345	.00124	.00130	.00281	.00142	.516	.00164
%RSD	.33053	1.1614	.12869	.42686	.39549	.18801	1.9446	.16545
#1	.28878	.29556	.96595	.30315	.70682	.75257	26.718	.99138
#2	.28946	.29413	.96742	.30391	.70911	.75218	25.932	.98838
#3	.29067	.30069	.96842	.30568	.71240	.75481	26.904	.98876
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	5.8290	1.3104	.17194	2.0946	.98218	.02669	1.2063	.30816
Stddev	.0116	.0031	.00023	.0053	.00355	.00004	.0038	.00101
%RSD	.19918	.24000	.13102	.25253	.36176	.14938	.31197	.32809
#1	5.8175	1.3103	.17220	2.0892	.97810	.02669	1.2075	.30718
#2	5.8287	1.3073	.17182	2.0947	.98388	.02673	1.2022	.30811
#3	5.8407	1.3136	.17180	2.0998	.98456	.02665	1.2094	.30920
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	1.4405	.32854	.54114	.31765	6.2234	.18382	1.6636	3.7338
Stddev	.0037	.00051	.00129	.00154	.0093	.00041	.0065	.0146
%RSD	.25654	.15412	.23815	.48421	.15014	.22416	.39192	.39041
#1	1.4366	.32836	.54032	.31719	6.2317	.18405	1.6653	3.7214
#2	1.4412	.32911	.54048	.31639	6.2254	.18406	1.6564	3.7302
#3	1.4439	.32815	.54263	.31936	6.2133	.18334	1.6691	3.7499
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	.55922	1.9031	.02888	.16956	.11409	4.5283	38.386	
Stddev	.00140	.0054	.00009	.00035	.00040	.0141	.169	
%RSD	.25097	.28359	.32485	.20675	.35033	.31159	.44051	
#1	.55879	1.9030	.02877	.16919	.11405	4.5361	38.579	
#2	.55809	1.8978	.02892	.16962	.11371	4.5121	38.265	
#3	.56079	1.9086	.02894	.16988	.11451	4.5368	38.313	

Sample Name: S4 Acquired: 3/18/2025 10:28:24 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2739.3	68365.	13636.	2189.3	4549.3
Stddev	6.2	67.	25.	12.8	6.9
%RSD	.22715	.09812	.18180	.58689	.15229
#1	2742.8	68306.	13619.	2193.0	4548.6
#2	2743.1	68351.	13664.	2175.0	4556.6
#3	2732.1	68438.	13623.	2199.9	4542.8

Sample Name: S5 Acquired: 3/18/2025 10:32:37 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.58727	.59415	1.9404	.61579	1.4457	1.5419	53.489	1.9432
Stddev	.00124	.00167	.0067	.00070	.0022	.0070	.672	.0133
%RSD	.21111	.28179	.34302	.11360	.15581	.45342	1.2569	.68241
#1	.58698	.59568	1.9410	.61561	1.4442	1.5486	54.047	1.9516
#2	.58621	.59236	1.9334	.61519	1.4446	1.5424	53.677	1.9501
#3	.58863	.59441	1.9467	.61656	1.4483	1.5346	52.742	1.9279
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.723	2.6535	.33904	4.2352	1.9392	.05333	2.4190	.62297
Stddev	.040	.0160	.00090	.0127	.0035	.00008	.0168	.00274
%RSD	.34498	.60217	.26651	.29966	.18046	.15936	.69475	.44024
#1	11.730	2.6713	.33801	4.2370	1.9393	.05338	2.4353	.62553
#2	11.679	2.6487	.33943	4.2216	1.9357	.05324	2.4200	.62331
#3	11.759	2.6404	.33968	4.2468	1.9427	.05339	2.4017	.62007
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	2.8923	.65637	1.1194	.64535	12.340	.38250	3.2721	7.4719
Stddev	.0090	.00099	.0069	.00254	.035	.00154	.0219	.0152
%RSD	.31062	.15112	.61799	.39309	.28638	.40142	.67032	.20367
#1	2.8950	.65555	1.1170	.64812	12.330	.38276	3.2896	7.4768
#2	2.8823	.65609	1.1139	.64480	12.380	.38085	3.2792	7.4548
#3	2.8997	.65747	1.1272	.64314	12.311	.38389	3.2475	7.4841
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.1198	3.8766	.05903	.34527	.23660	9.3415	77.052	
Stddev	.0037	.0239	.00042	.00073	.00067	.0523	.366	
%RSD	.32721	.61697	.70505	.21163	.28509	.55963	.47446	
#1	1.1213	3.9015	.05862	.34534	.23639	9.3994	77.223	
#2	1.1156	3.8746	.05901	.34451	.23606	9.3271	76.632	
#3	1.1224	3.8538	.05945	.34596	.23736	9.2978	77.300	

Sample Name: S5 Acquired: 3/18/2025 10:32:37 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2652.0	67574.	13481.	2106.6	4325.1
Stddev	6.8	94.	120.	7.6	11.2
%RSD	.25574	.13953	.88981	.36314	.25949
#1	2651.9	67490.	13372.	2112.4	4326.4
#2	2658.8	67676.	13462.	2097.9	4335.6
#3	2645.3	67557.	13610.	2109.4	4313.3

Sample Name: ICV01 Acquired: 3/18/2025 10:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018294	1.065357	1.009026	1.045877	1.014835	2.531868	.5399739
Stddev	.000689	.007785	.002978	.000628	.003383	.015160	.0032372
%RSD	.0676331	.7307172	.2951533	.0599986	.3333390	.5987814	.5995079
#1	1.019088	1.056689	1.008845	1.046453	1.016575	2.524144	.5362499
#2	1.017864	1.071753	1.006142	1.045208	1.010936	2.549335	.5415566
#3	1.017929	1.067629	1.012090	1.045971	1.016994	2.522125	.5421153
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5427034	.5097922	9.878688	.5373713	.5158937	.5296224	10.21567
Stddev	.0012912	.0008480	.054836	.0032083	.0014420	.0012692	.02949
%RSD	.2379181	.1663511	.5550974	.5970286	.2795069	.2396344	.2887066
#1	.5412547	.5103167	9.815880	.5348771	.5165072	.5309826	10.20354
#2	.5431228	.5088139	9.917047	.5409905	.5142464	.5284699	10.24929
#3	.5437329	.5102462	9.903136	.5362462	.5169274	.5294146	10.19417
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4998420	5.823999	.5190017	.2603678	10.10703	.5193379	1.043657
Stddev	.0046141	.012496	.0007287	.0005422	.04035	.0038974	.004088
%RSD	.9231195	.2145533	.1404094	.2082494	.3992446	.7504582	.3916936
#1	.4953676	5.815881	.5196999	.2605017	10.12733	.5158159	1.042827
#2	.5045842	5.838388	.5182459	.2608304	10.13321	.5235251	1.048097
#3	.4995744	5.817726	.5190594	.2597711	10.06056	.5186728	1.040049
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.939562	2.487089	2.393139	2.469009	2.459871	2.322240	2.428050
Stddev	.040541	.002394	.002036	.000893	.010071	.016960	.007112
%RSD	.4078783	.0962442	.0850742	.0361735	.4094070	.7303200	.2929034
#1	9.923633	2.486694	2.394306	2.468770	2.448968	2.317766	2.419864
#2	9.985649	2.489656	2.390789	2.468260	2.468826	2.340988	2.432713
#3	9.909405	2.484918	2.394323	2.469997	2.461819	2.307965	2.431573

Sample Name: ICV01 Acquired: 3/18/2025 10:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.530309	2.539452	2.540237
Stddev	.010293	.007854	.025531
%RSD	.4067799	.3092961	1.005067
#1	2.519441	2.533649	2.510964
#2	2.531578	2.548389	2.551848
#3	2.539909	2.536316	2.557899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.110	69565.29	14487.92	2214.102	4756.795
Stddev	4.641	131.04	58.23	13.856	4.839
%RSD	.1662105	.1883720	.4019236	.6257994	.1017299
#1	2787.508	69689.70	14550.82	2228.251	4753.913
#2	2792.035	69428.50	14477.05	2200.559	4754.090
#3	2796.789	69577.68	14435.89	2213.497	4762.381

Sample Name: LLICV01 Acquired: 3/18/2025 10:41:08 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0219160	.0386147	.0108873	.0184074	.0540130	.1050987
Stddev	.0018427	.0004409	.0002128	.0006894	.0002697	.0070740
%RSD	8.408038	1.141685	1.954662	3.745424	.4993105	6.730829

#1	.0206370	.0386210	.0106417	.0178600	.0541484	.1011397
#2	.0210829	.0390524	.0110033	.0181807	.0537024	.1132657
#3	.0240282	.0381707	.0110168	.0191817	.0541882	.1008905

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954300	.0059703	.0059071	1.983514	.0108786	.0296289
Stddev	.0004245	.0000416	.0000905	.001683	.0004074	.0000336
%RSD	.4448542	.6966126	1.531992	.0848583	3.745290	.1132660

#1	.0959090	.0059804	.0059364	1.984216	.0108601	.0295912
#2	.0952806	.0059246	.0058056	1.981593	.0104807	.0296553
#3	.0951004	.0060060	.0059794	1.984732	.0112949	.0296403

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223074	.1120171	.0192558	2.093888	.0395817	.0101362
Stddev	.0006431	.0019041	.0002212	.020922	.0004027	.0003317
%RSD	2.882770	1.699864	1.148542	.9991965	1.017319	3.272304

#1	.0228893	.1128233	.0195048	2.069742	.0395016	.0098702
#2	.0224160	.1133855	.0191801	2.106640	.0400185	.0100307
#3	.0216170	.1098425	.0190823	2.105281	.0392252	.0105078

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938987	.0385581	.0427658	1.855340	.1139096	.2050085
Stddev	.006760	.0013973	.0002051	.028741	.0010837	.0003575
%RSD	.3486460	3.623947	.4794899	1.549123	.9513269	.1743890

#1	1.932549	.0384904	.0425316	1.857500	.1151127	.2047430
#2	1.946029	.0371959	.0429128	1.882940	.1130101	.2054150
#3	1.938383	.0399881	.0428530	1.825579	.1136061	.2048675

Sample Name: LLICV01 Acquired: 3/18/2025 10:41:08 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0385177	.0378739	.3734887	F .0156655	.0190514	.0174212
Stddev	.0005214	.0008012	.0039387	.0011293	.0029495	.0005685
%RSD	1.353584	2.115549	1.054568	7.209104	15.48166	3.263201
#1	.0390263	.0373382	.3691093	.0150752	.0156574	.0177895
#2	.0379845	.0374886	.3767408	.0169676	.0209935	.0167665
#3	.0385422	.0387950	.3746161	.0149536	.0205034	.0177077

Elem	Sr4077
Units	ppm
Avg	.0191145
Stddev	.0000689
%RSD	.3601880
#1	.0190911
#2	.0191920
#3	.0190605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.180	70730.79	14297.03	2242.371	4970.987
Stddev	8.904	153.66	51.55	13.115	9.945
%RSD	.3138156	.2172523	.3605748	.5848606	.2000661
#1	2843.436	70744.29	14250.57	2236.538	4973.810
#2	2826.986	70570.81	14288.03	2233.184	4959.935
#3	2841.117	70877.25	14352.49	2257.390	4979.215

Sample Name: ICB01 Acquired: 3/18/2025 10:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0000491	-.002139	.0011002	-.002159	.0011620	.0027887	.0015644
Stddev	.0018355	.000125	.0015456	.000951	.0009163	.0066887	.0008156
%RSD	3739.315	5.827694	140.4899	44.03577	78.85915	239.8496	52.13296
#1	-.002043	-.002023	.0000659	-.001265	.0020378	-.001561	.0015079
#2	.000801	-.002271	.0003577	-.002055	.0002100	.010491	.0024068
#3	.001390	-.002125	.0028769	-.003157	.0012381	-.000564	.0007786
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000886	.0000004	-.009934	.0003798	.0000368	-.000162	.0020442
Stddev	.0000140	.0000476	.005431	.0001276	.0001713	.000038	.0001202
%RSD	15.82642	12772.68	54.67450	33.58725	465.6274	23.10881	5.882098
#1	.0000980	.0000518	-.015637	.0002580	.0002100	-.000140	.0019136
#2	.0000725	-.000009	-.004823	.0003691	.0000328	-.000141	.0020685
#3	.0000953	-.000042	-.009342	.0005125	-.000132	-.000206	.0021504
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000803	.0162709	.0002546	.0002513	-.024540	-.000839	.0001726
Stddev	.000341	.0099944	.0002007	.0002408	.005448	.001240	.0001494
%RSD	42.47782	61.42480	78.82094	95.85170	22.19856	147.7834	86.54960
#1	-.001091	.0204092	.0003629	-.000012	-.018571	-.000504	.0001747
#2	-.000426	.0048721	.0003779	.000305	-.029243	-.002212	.0000222
#3	-.000891	.0235315	.0000230	.000461	-.025807	.000199	.0003210
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096916	.0005966	-.000114	-.000175	.0002463	.0019590	-.005230
Stddev	.012124	.0000323	.000156	.000399	.0004410	.0012475	.000656
%RSD	12.51006	5.412031	135.9043	228.4289	179.0267	63.68287	12.53936
#1	-.101249	.0005775	-.000207	-.000407	.0007525	.0013016	-.005972
#2	-.106279	.0005783	-.000201	-.000403	-.000054	.0033978	-.004990
#3	-.083221	.0006339	.000065	.000286	.000041	.0011776	-.004728

Sample Name: ICB01 Acquired: 3/18/2025 10:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0006850	-.002170	.0000810
Stddev	.0034418	.001459	.0000313
%RSD	502.4266	67.21207	38.68549
#1	-.003235	-.003480	.0000458
#2	.003212	-.002432	.0001059
#3	.002078	-.000598	.0000914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.876	70598.48	14204.70	2215.997	5002.175
Stddev	4.060	212.74	34.89	13.242	6.612
%RSD	.1435827	.3013346	.2456192	.5975415	.1321843
#1	2832.531	70506.91	14171.25	2205.954	5009.807
#2	2826.035	70446.87	14201.97	2211.035	4998.173
#3	2825.063	70841.67	14240.87	2231.003	4998.545

Sample Name: CRI01 Acquired: 3/18/2025 10:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0226135	.0384160	.0112670	.0166133	.0537558	.1058829	.0944022
Stddev	.0024899	.0019485	.0010982	.0011890	.0014024	.0053376	.0003191
%RSD	11.01051	5.072029	9.746780	7.156626	2.608834	5.041016	.3380791

#1	.0203074	.0381478	.0116108	.0174244	.0542499	.0998049	.0940955
#2	.0222796	.0404847	.0121521	.0171672	.0521732	.1080370	.0943786
#3	.0252534	.0366155	.0100381	.0152485	.0548443	.1098068	.0947325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058659	.0059061	1.960921	.0108401	.0293801	.0219687	.1144787
Stddev	.0000323	.0000676	.005886	.0000944	.0000771	.0003823	.0043098
%RSD	.5510462	1.145190	.3001559	.8703478	.2623875	1.740002	3.764752

#1	.0058923	.0058294	1.962278	.0107942	.0293662	.0221393	.1192715
#2	.0058756	.0059574	1.966010	.0107775	.0294632	.0222360	.1132427
#3	.0058298	.0059315	1.954475	.0109486	.0293109	.0215309	.1109219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185344	2.059071	.0393399	.0107061	1.948201	.0369646	.0430825
Stddev	.0001028	.012257	.0003582	.0001715	.001117	.0013049	.0000940
%RSD	.5543629	.5952546	.9105744	1.601591	.0573206	3.530047	.2181303

#1	.0184239	2.048805	.0389268	.0108290	1.949042	.0366367	.0431452
#2	.0186271	2.055766	.0395278	.0105102	1.948627	.0384022	.0431279
#3	.0185522	2.072641	.0395652	.0107791	1.946934	.0358550	.0429745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.837522	.0975006	.2032308	.0399103	.0383759	.3720908	.0156023
Stddev	.049073	.0003371	.0005034	.0002717	.0011868	.0067140	.0015163
%RSD	2.670591	.3457754	.2476961	.6807168	3.092505	1.804406	9.718716

#1	1.783890	.0978600	.2026523	.0396037	.0375727	.3694432	.0169015
#2	1.880176	.0971913	.2034706	.0401212	.0397391	.3671043	.0139362
#3	1.848500	.0974506	.2035695	.0400059	.0378160	.3797250	.0159692

Sample Name: CRI01 Acquired: 3/18/2025 10:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0198020	.0154781	.0187711
Stddev	.0009353	.0002056	.0000805
%RSD	4.723268	1.328203	.4287385
#1	.0203627	.0155433	.0188626
#2	.0203210	.0152478	.0187111
#3	.0187223	.0156432	.0187397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.776	69931.64	14417.42	2171.170	4915.276
Stddev	5.124	111.90	30.68	12.003	14.215
%RSD	.1816473	.1600194	.2127727	.5528151	.2891996
#1	2821.970	69942.52	14389.43	2158.085	4923.426
#2	2825.198	69814.70	14412.63	2181.668	4923.540
#3	2815.161	70037.71	14450.21	2173.756	4898.862

Sample Name: ICSA01 Acquired: 3/18/2025 10:54:03 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0039889	.0077270	.0051682	-.012299	-.001124	247.9061
Stddev	.0024605	.0019423	.0010766	.005366	.001852	.7027
%RSD	61.68367	25.13709	20.83170	43.62800	164.7977	.2834714
#1	.0068299	.0066813	.0047150	-.006241	-.000208	247.3855
#2	.0025566	.0099681	.0063973	-.014200	.000092	248.7055
#3	.0025800	.0065314	.0043922	-.016455	-.003255	247.6274
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059343	.0013342	-.004364	236.5024	.0602933	.0019731
Stddev	.0011418	.0000542	.000151	.6086	.0002230	.0000262
%RSD	19.24029	4.060582	3.451267	.2573417	.3698659	1.327907
#1	.0046280	.0012722	-.004429	237.0532	.0603492	.0020027
#2	.0067418	.0013579	-.004472	236.6050	.0604830	.0019636
#3	.0064331	.0013724	-.004192	235.8490	.0600476	.0019529
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101609	102.5519	.0016514	249.8328	.0021579	-.000687
Stddev	.0008418	.2187	.0003115	.2034	.0001748	.000207
%RSD	8.284652	.2133024	18.86301	.0814294	8.101427	30.18731
#1	.0104715	102.3526	.0020111	250.0537	.0020596	-.000897
#2	.0092079	102.7859	.0014714	249.6532	.0020544	-.000683
#3	.0108033	102.5170	.0014718	249.7913	.0023598	-.000482
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331015	.0024157	.0046594	-.104236	F -.251139	.0001347
Stddev	.0015639	.0018752	.0002144	.017011	.001069	.0004771
%RSD	4.724476	77.62471	4.600664	16.31997	.4256250	354.2685
#1	.0313809	.0015655	.0048958	-.085731	-.251455	-.000145
#2	.0334874	.0011162	.0046049	-.119195	-.252015	-.000137
#3	.0344364	.0045653	.0044776	-.107781	-.249948	.000686

Sample Name: ICSA01 Acquired: 3/18/2025 10:54:03 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.004903	-.001009	.0193303	-.001865	-.010092	.0007695
Stddev	.000601	.000395	.0003542	.002556	.003872	.0006027
%RSD	12.24851	39.19799	1.832287	137.0867	38.36456	78.31595
#1	-.005593	-.001465	.0189313	-.004650	-.009637	.0002143
#2	-.004500	-.000790	.0196076	.000373	-.014171	.0006839
#3	-.004615	-.000771	.0194519	-.001317	-.006468	.0014105

Elem	Sr4077
Units	ppm
Avg	.0046619
Stddev	.0003070
%RSD	6.585734
#1	.0050155
#2	.0045074
#3	.0044629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.204	61464.55	14033.78	1894.736	4020.156
Stddev	2.257	206.90	37.70	9.889	4.137
%RSD	.0895410	.3366102	.2686593	.5219438	.1029059
#1	2520.734	61643.67	14006.29	1904.296	4024.918
#2	2522.149	61238.08	14018.29	1895.364	4018.096
#3	2517.730	61511.88	14076.77	1884.547	4017.453

Sample Name: ICSAB01 Acquired: 3/18/2025 11:04:59 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.1056107	.1007859	.0518658	.0342332	.6004232	235.9705
Stddev	.0010696	.0010297	.0019502	.0026523	.0042892	2.7711
%RSD	1.012783	1.021646	3.760185	7.747724	.7143612	1.174342
#1	.1068414	.1003425	.0534597	.0313935	.5957168	238.9897
#2	.1050857	.1000522	.0524467	.0346597	.6041122	235.3784
#3	.1049051	.1019630	.0496912	.0366464	.6014407	233.5432
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4520232	.4726413	.9550573	223.2320	.5547624	.4858265
Stddev	.0015430	.0018221	.0030104	.9967	.0010102	.0016585
%RSD	.3413503	.3855153	.3152093	.4464921	.1820954	.3413780
#1	.4509642	.4744901	.9522687	223.0469	.5554364	.4841788
#2	.4513117	.4708471	.9546542	222.3407	.5536009	.4858052
#3	.4537935	.4725866	.9582490	224.3082	.5552499	.4874956
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4890796	95.61581	.4416561	239.1818	.9605023	.2111855
Stddev	.0005217	.47849	.0024643	.7014	.0037420	.0008292
%RSD	.1066647	.5004304	.5579641	.2932490	.3895871	.3926529
#1	.4886619	95.29981	.4401289	239.0640	.9569273	.2119472
#2	.4889126	95.38130	.4403404	238.5468	.9601881	.2103022
#3	.4896643	96.16631	.4444990	239.9347	.9643915	.2113071
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149540	.4459531	1.035131	-.124446	F .7080128	1.039777
Stddev	.0061142	.0011988	.003017	.009534	.0045551	.002128
%RSD	40.88692	.2688244	.2914606	7.661115	.6433647	.2046199
#1	.0090237	.4466112	1.037011	-.132591	.7122390	1.037324
#2	.0146013	.4445693	1.031651	-.113959	.7031880	1.040886
#3	.0212369	.4466787	1.036732	-.126788	.7086116	1.041121

Sample Name: ICSAB01 Acquired: 3/18/2025 11:04:59 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	1.038850	.9541434	.9589656	F -.000484	F -.013251	F -.000054
Stddev	.003386	.0047861	.0149738	.006732	.005926	.000724
%RSD	.3259528	.5016069	1.561450	1392.323	44.72309	1331.385
#1	1.034977	.9522335	.9664900	-.002658	-.017577	.000631
#2	1.040316	.9506071	.9417219	.007067	-.006496	-.000812
#3	1.041255	.9595895	.9686848	-.005860	-.015679	.000017

Elem	Sr4077
Units	ppm
Avg	F .0057111
Stddev	.0003491
%RSD	6.113269
#1	.0055283
#2	.0054914
#3	.0061137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.569	62059.60	13817.20	1925.349	3998.483
Stddev	2.881	135.40	53.41	3.746	8.588
%RSD	.1159037	.2181802	.3865305	.1945761	.2147826
#1	2487.445	61931.80	13762.06	1921.061	4007.289
#2	2482.252	62201.50	13868.68	1927.983	3998.028
#3	2487.010	62045.51	13820.85	1927.004	3990.131

Sample Name: CCV01 Acquired: 3/18/2025 11:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.044129	5.132327	4.994702	5.040642	5.034713	9.845709	9.533298
Stddev	.013333	.027380	.007847	.014623	.012861	.023439	.054081
%RSD	.2643272	.5334853	.1571056	.2901040	.2554438	.2380633	.5672865
#1	5.033641	5.148851	4.986523	5.039896	5.026043	9.818733	9.527935
#2	5.039612	5.100722	4.995417	5.026407	5.028608	9.857304	9.589861
#3	5.059134	5.147408	5.002168	5.055624	5.049490	9.861091	9.482098
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2425366	2.473068	24.20725	1.023201	2.455389	1.243582	4.877548
Stddev	.0004953	.001498	.05236	.000533	.000686	.000935	.023892
%RSD	.2042296	.0605904	.2162849	.0521235	.0279275	.0751457	.4898349
#1	.2425218	2.471350	24.22080	1.023657	2.454818	1.242859	4.902869
#2	.2430392	2.474106	24.25150	1.023330	2.455200	1.243250	4.874370
#3	.2420489	2.473748	24.14945	1.022614	2.456150	1.244637	4.855404
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.350635	23.99820	2.454455	1.257366	25.27238	2.421937	2.538875
Stddev	.007081	.05757	.001391	.002198	.06954	.004719	.005546
%RSD	.3012224	.2398927	.0566891	.1748343	.2751682	.1948470	.2184361
#1	2.353125	23.95981	2.452854	1.259851	25.35063	2.427113	2.533251
#2	2.356134	24.06440	2.455135	1.256570	25.24886	2.420825	2.539035
#3	2.342646	23.97039	2.455375	1.255677	25.21765	2.417873	2.544340
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.43342	4.832925	4.963240	4.990093	4.760610	5.113334	5.091442
Stddev	.13781	.014493	.008796	.006215	.010361	.005354	.003871
%RSD	.5640332	.2998785	.1772291	.1245496	.2176362	.1046978	.0760214
#1	24.58344	4.823647	4.959248	4.984090	4.765554	5.116631	5.088830
#2	24.40437	4.849626	4.957147	4.996501	4.767574	5.116213	5.089607
#3	24.31244	4.825502	4.973324	4.989689	4.748704	5.107156	5.095889

Sample Name: CCV01 Acquired: 3/18/2025 11:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	4.958992	4.716586	4.733921
Stddev	.009523	.008666	.041049
%RSD	.1920307	.1837428	.8671161
#1	4.948559	4.721634	4.745382
#2	4.961199	4.721544	4.688360
#3	4.967217	4.706579	4.768021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.654	66726.25	13730.65	2039.678	4437.920
Stddev	4.265	137.46	20.75	3.614	2.490
%RSD	.1592813	.2060066	.1511127	.1771727	.0560999
#1	2679.998	66568.53	13720.17	2038.787	4440.566
#2	2680.232	66789.65	13717.23	2043.654	4437.569
#3	2672.731	66820.57	13754.54	2036.593	4435.624

Sample Name: CCB01 Acquired: 3/18/2025 11:13:21 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000202	-.001840	-.000762	.0000437	.0015243	.0026948	-.000689
Stddev	.000530	.000966	.000402	.0009801	.0012659	.0042987	.000850
%RSD	262.2437	52.48616	52.80669	2243.422	83.05074	159.5172	123.3918

#1	.000282	-.001912	-.000838	-.000387	.0029859	-.002186	.000130
#2	-.000119	-.002769	-.000327	-.000647	.0007816	.004351	-.000629
#3	-.000768	-.000841	-.001121	.001165	.0008052	.005919	-.001567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	-.000025	-.009567	.0002381	.0000873	.0001369	.0023453
Stddev	.0000292	.000005	.006648	.0005293	.0000838	.0000924	.0040439
%RSD	45.64157	19.57680	69.49238	222.3111	96.00837	67.49390	172.4237

#1	.0000522	-.000021	-.015637	.0006132	.0001535	.0000445	.0032667
#2	.0000973	-.000024	-.010604	-.000367	-.000007	.0001370	-.002080
#3	.0000426	-.000031	-.002461	.000468	.000115	.0002293	.005849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000850	.0127112	.0002666	.0004935	-.033051	-.000350	.0002942
Stddev	.000059	.0133315	.0001993	.0000413	.003000	.000753	.0002054
%RSD	6.889328	104.8801	74.74611	8.373546	9.075697	215.4195	69.82421

#1	-.000787	.0098691	.0004256	.0005401	-.029766	.000520	.0001461
#2	-.000861	.0010299	.0000431	.0004613	-.035644	-.000787	.0005287
#3	-.000903	.0272345	.0003311	.0004790	-.033743	-.000781	.0002078

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.131304	.0067638	.0000239	-.000037	.0007715	.0019508	-.005195
Stddev	.027841	.0006348	.0003148	.000239	.0006556	.0080860	.000878
%RSD	21.20346	9.386012	1316.980	652.2075	84.97725	414.5004	16.89316

#1	-.140364	.0074795	-.000205	.000188	.0014892	-.007079	-.005979
#2	-.153487	.0062686	.000383	-.000011	.0002040	.004410	-.005357
#3	-.100062	.0065433	-.000106	-.000287	.0006213	.008521	-.004247

Sample Name: CCB01 Acquired: 3/18/2025 11:13:21 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000022	-.002888	.0000963
Stddev	.003407	.000168	.0000773
%RSD	15409.67	5.831105	80.20996
#1	-.001050	-.002980	.0001841
#2	.003781	-.002693	.0000665
#3	-.002797	-.002990	.0000384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.469	71172.44	14415.20	2142.167	4997.433
Stddev	3.145	328.48	55.65	7.233	7.325
%RSD	.1113911	.4615227	.3860206	.3376262	.1465827
#1	2825.808	71507.08	14369.84	2150.456	5005.214
#2	2819.894	70850.50	14398.45	2138.906	4996.415
#3	2824.705	71159.75	14477.29	2137.140	4990.670

Sample Name: PB167145BL Acquired: 3/18/2025 11:18:32 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000434	-.003651	-.000017	-.003143	.0017379	.0052351	-.000510
Stddev	.000721	.000296	.000524	.002753	.0014291	.0039227	.000881
%RSD	166.2145	8.114937	3111.900	87.58426	82.23263	74.93118	172.8685
#1	-.000234	-.003444	.000236	-.004319	.0005257	.0010529	-.000817
#2	-.001234	-.003991	-.000619	-.005113	.0013743	.0058196	.000484
#3	.000167	-.003520	.000332	.000002	.0033137	.0088327	-.001196
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000871	-.000033	-.006849	.0001691	.0000582	.0000339	.0011187
Stddev	.0000261	.000035	.006936	.0002465	.0001740	.0002832	.0027536
%RSD	29.97428	104.9900	101.2595	145.8124	299.0392	835.6633	246.1295
#1	.0000873	-.000004	-.014798	.0001939	.0002392	.0000683	.0011003
#2	.0000609	-.000024	-.002029	-.000089	-.000108	-.000265	.0038815
#3	.0001131	-.000071	-.003721	.000402	.000043	.000298	-.001626
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001168	-.000174	.0000914	.0006049	-.029421	-.002365	.0003257
Stddev	.000089	.012600	.0001759	.0002298	.004659	.001149	.0001941
%RSD	7.599946	7227.309	192.4000	37.99125	15.83466	48.58025	59.59280
#1	-.001158	-.005235	.0000262	.0008148	-.034760	-.001082	.0003508
#2	-.001260	-.009457	.0002906	.0003594	-.026177	-.003298	.0001203
#3	-.001084	.014169	-.000043	.0006406	-.027327	-.002715	.0005061
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.138411	-.000998	-.000082	.0000526	.0009698	-.001351	-.004307
Stddev	.035593	.000791	.000150	.0001030	.0002589	.001317	.001456
%RSD	25.71532	79.23826	182.2866	195.6418	26.69833	97.54074	33.80218
#1	-.156341	-.000085	.000033	.0001006	.0008142	-.002542	-.004380
#2	-.161474	-.001455	-.000028	-.000066	.0008266	-.001574	-.005725
#3	-.097419	-.001453	-.000252	.000123	.0012687	.000064	-.002816

Sample Name: PB167145BL Acquired: 3/18/2025 11:18:32 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0010355	-.002975	.0000614
Stddev	.0029676	.000568	.0000384
%RSD	286.5797	19.08109	62.54759
#1	-.000368	-.002330	.0000463
#2	-.000970	-.003398	.0000328
#3	.004445	-.003197	.0001050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.890	69251.54	14676.79	2104.175	4923.926
Stddev	3.733	252.19	54.20	18.168	7.169
%RSD	.1330717	.3641595	.3692864	.8634327	.1455994
#1	2804.163	69393.70	14735.81	2114.852	4916.120
#2	2801.574	68960.37	14665.33	2083.198	4930.216
#3	2808.932	69400.56	14629.24	2114.476	4925.441

Sample Name: PB167145BS Acquired: 3/18/2025 11:22:51 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.7493569	1.926047	.9236297	1.885957	.7787816	1.841725
Stddev	.0019616	.011268	.0029117	.001785	.0005920	.011679
%RSD	.2617739	.5850349	.3152503	.0946545	.0760109	.6341159

#1	.7489671	1.937451	.9211097	1.884281	.7791065	1.837936
#2	.7476194	1.914920	.9229622	1.887835	.7780984	1.854828
#3	.7514842	1.925771	.9268172	1.885756	.7791401	1.832412

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1760547	.1830787	.1842731	.8998439	.3989563	.1856533
Stddev	.0008217	.0009266	.0002710	.0113207	.0002457	.0003800
%RSD	.4667065	.5061390	.1470632	1.258080	.0615772	.2046682

#1	.1751842	.1822672	.1842161	.9117957	.3986727	.1853251
#2	.1761630	.1828806	.1840351	.8892826	.3991026	.1855651
#3	.1768168	.1840884	.1845681	.8984534	.3990936	.1860696

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2931766	2.823576	.1769597	1.792607	.4659495	.0738144
Stddev	.0013409	.012016	.0004026	.005473	.0012790	.0007085
%RSD	.4573538	.4255422	.2274943	.3053158	.2744860	.9598478

#1	.2919803	2.837439	.1766747	1.794626	.4656207	.0745414
#2	.2929235	2.816165	.1767842	1.796784	.4648670	.0737761
#3	.2946260	2.817124	.1774203	1.786412	.4673607	.0731259

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.850688	.2721289	.2011529	8.982375	.2590976	.3863689
Stddev	.009395	.0013877	.0004630	.028890	.0019226	.0012180
%RSD	.3295584	.5099409	.2301524	.3216334	.7420370	.3152382

#1	2.852824	.2705305	.2006489	9.015373	.2582680	.3866173
#2	2.858831	.2728301	.2015592	8.961631	.2577290	.3850459
#3	2.840409	.2730261	.2012507	8.970122	.2612957	.3874436

Sample Name: PB167145BS Acquired: 3/18/2025 11:22:51 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.6598068	.1794803	.7790175	5.574074	F -.008055	.1765088
Stddev	.0013698	.0007537	.0022757	.008488	.004099	.0006257
%RSD	.2076129	.4199269	.2921184	.1522745	50.89166	.3544964
#1	.6601474	.1799124	.7796696	5.576406	-.009357	.1757984
#2	.6582988	.1786100	.7808958	5.564664	-.011346	.1767501
#3	.6609742	.1799184	.7764869	5.581152	-.003463	.1769780

Elem	Sr4077
Units	ppm
Avg	.1737454
Stddev	.0005802
%RSD	.3339172
#1	.1736981
#2	.1731903
#3	.1743477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.754	68321.70	14430.09	2103.492	4833.370
Stddev	8.115	88.00	63.24	12.187	9.671
%RSD	.2905682	.1288021	.4382209	.5793621	.2000968
#1	2798.343	68254.77	14484.53	2091.889	4837.457
#2	2796.473	68288.96	14445.02	2102.399	4840.326
#3	2783.446	68421.38	14360.73	2116.189	4822.326

Sample Name: PB167150BL Acquired: 3/18/2025 11:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000584	-.002685	-.000059	-.001826	.0017910	.0060485	.0002701
Stddev	.002008	.001399	.001042	.001309	.0012428	.0015228	.0005015
%RSD	343.8729	52.09493	1757.759	71.64600	69.38899	25.17671	185.6509

#1	-.000472	-.001119	.001049	-.001456	.0003921	.0048993	.0000788
#2	.001366	-.003811	-.000209	-.000743	.0027674	.0054705	-.000108
#3	-.002646	-.003125	-.001018	-.003280	.0022135	.0077756	.000839

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001102	.0000245	-.000133	.0002001	.0002151	.0001038	.0016232
Stddev	.0000414	.0000770	.007037	.0002364	.0002672	.0001977	.0032746
%RSD	37.54710	314.5347	5292.776	118.1364	124.2286	190.4600	201.7356

#1	.0001205	.0000864	.007437	.0002865	.0005229	-.000123	-.001998
#2	.0000647	-.000062	-.006475	-.000067	.0000790	.000193	.004377
#3	.0001455	.000049	-.001361	.000381	.0000433	.000241	.002490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000841	.0043866	.0001203	.0002725	-.049769	-.001394	-.000148
Stddev	.000269	.0036609	.0001118	.0006378	.014733	.002435	.000298
%RSD	32.00671	83.45605	92.93292	234.0577	29.60353	174.6741	201.8009

#1	-.001137	.0028095	.0000007	-.000277	-.064989	.001349	-.000467
#2	-.000776	.0085718	.0002222	.000123	-.048742	-.003303	.000124
#3	-.000611	.0017786	.0001379	.000972	-.035576	-.002228	-.000101

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152218	-.004340	.0000218	-.000303	.0005308	-.005212	-.004665
Stddev	.013846	.000331	.0001001	.000424	.0004829	.000440	.002031
%RSD	9.095954	7.615493	459.1322	139.8585	90.97633	8.444992	43.53727

#1	-.136301	-.003989	.0001300	-.000582	.0010187	-.005709	-.003585
#2	-.161475	-.004387	-.000067	.000185	.0005207	-.004871	-.003403
#3	-.158878	-.004645	.000003	-.000512	.0000531	-.005056	-.007008

Sample Name: PB167150BL Acquired: 3/18/2025 11:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0014619	-.003725	-.000026
Stddev	.0017178	.000994	.000033
%RSD	117.5021	26.68826	126.1774

#1	.0023870	-.002601	-.000058
#2	-.000520	-.004086	.000008
#3	.002519	-.004489	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.682	69151.02	13950.06	2117.525	4926.012
Stddev	6.529	257.72	18.42	6.734	6.282
%RSD	.2340522	.3726915	.1320376	.3180191	.1275264

#1	2783.040	69444.01	13967.16	2123.865	4924.250
#2	2796.092	69049.67	13952.46	2118.254	4932.986
#3	2789.916	68959.38	13930.56	2110.456	4920.798

Sample Name: PB167150BS Acquired: 3/18/2025 11:32:17 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.7654910	1.976388	.9402887	1.936572	.7911160	1.870471
Stddev	.0036445	.007110	.0045636	.006667	.0037610	.010700
%RSD	.4761044	.3597250	.4853381	.3442658	.4754069	.5720597

#1	.7626264	1.972459	.9392938	1.939938	.7887354	1.858904
#2	.7642535	1.984595	.9363046	1.928893	.7891608	1.872493
#3	.7695932	1.972110	.9452676	1.940884	.7954519	1.880016

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764853	.1853630	.1877645	.9129152	.4058356	.1889845
Stddev	.0006641	.0005187	.0004104	.0093321	.0011381	.0002399
%RSD	.3763052	.2798218	.2185692	1.022227	.2804384	.1269534

#1	.1770947	.1857208	.1877098	.9120101	.4059347	.1887076
#2	.1757775	.1847681	.1873842	.9040687	.4046511	.1891289
#3	.1765837	.1856000	.1881995	.9226669	.4069209	.1891170

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2984287	2.857363	.1788467	1.818217	.4737414	.0750149
Stddev	.0019578	.022253	.0002780	.013124	.0013526	.0000225
%RSD	.6560325	.7787979	.1554616	.7218093	.2855181	.0299751

#1	.2981523	2.851227	.1788157	1.830823	.4731959	.0750010
#2	.2966238	2.882040	.1791389	1.819198	.4727467	.0750408
#3	.3005100	2.838821	.1785855	1.804629	.4752816	.0750028

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.912929	.2734203	.2051889	9.122460	.2589967	.3916198
Stddev	.013965	.0028555	.0007336	.040608	.0019251	.0012002
%RSD	.4794274	1.044375	.3575151	.4451421	.7432816	.3064780

#1	2.897622	.2725315	.2058761	9.076397	.2604348	.3906060
#2	2.924976	.2766145	.2044164	9.153085	.2568097	.3913084
#3	2.916189	.2711149	.2052743	9.137898	.2597455	.3929451

Sample Name: PB167150BS Acquired: 3/18/2025 11:32:17 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.6704797	.1808725	.7915710	5.708575	F -.008427	.1774814
Stddev	.0015671	.0004970	.0035537	.022992	.002236	.0008810
%RSD	.2337334	.2748045	.4489466	.4027615	26.52650	.4963795
#1	.6703308	.1803648	.7954700	5.709767	-.010757	.1764878
#2	.6689923	.1813581	.7907292	5.685010	-.006299	.1781672
#3	.6721159	.1808946	.7885136	5.730948	-.008226	.1777891

Elem	Sr4077
Units	ppm
Avg	.1751577
Stddev	.0003228
%RSD	.1842624
#1	.1748727
#2	.1750921
#3	.1755082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.940	67826.86	14413.51	2059.561	4793.782
Stddev	9.018	56.84	43.82	8.654	11.016
%RSD	.3254625	.0838016	.3040234	.4201726	.2297957
#1	2778.478	67884.50	14396.67	2058.960	4802.283
#2	2773.395	67825.22	14463.25	2068.500	4797.726
#3	2760.949	67770.85	14380.61	2051.224	4781.337

Sample Name: Q1569-05 Acquired: 3/18/2025 11:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.002533	-.008691	.0023555	-.000259	.0017953	.0844967	.1740311
Stddev	.002274	.001001	.0015931	.001350	.0013002	.0034260	.0014241
%RSD	89.75151	11.52043	67.63270	520.2434	72.41990	4.054620	.8183052

#1	-.003348	-.007647	.0031070	-.001747	.0029626	.0842260	.1738405
#2	-.004288	-.009644	.0005257	.000889	.0020294	.0880501	.1755409
#3	.000036	-.008781	.0034338	.000079	.0003940	.0812141	.1727119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004734	.0000806	42.89940	.0009302	.0016524	.0128169	.7790965
Stddev	.0000518	.0000470	.10896	.0004377	.0002247	.0005410	.0039301
%RSD	10.93690	58.36942	.2539828	47.06159	13.59984	4.220585	.5044406

#1	.0004167	.0000960	43.02386	.0004488	.0018854	.0123328	.7760246
#2	.0004855	.0001180	42.82125	.0010374	.0014370	.0127171	.7835252
#3	.0005181	.0000278	42.85309	.0013043	.0016348	.0134008	.7777396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480331	3.660648	.0053147	-.000002	322.8064	-.000240	.1058314
Stddev	.0011281	.011749	.0001631	.000287	4.0267	.001719	.0007519
%RSD	.7620465	.3209550	3.069099	13127.37	1.247419	716.7930	.7104969

#1	.1487301	3.673092	.0053176	-.000209	324.3571	-.000217	.1052254
#2	.1467316	3.659108	.0051502	-.000123	325.8272	-.001970	.1055959
#3	.1486376	3.649746	.0054763	.000326	318.2348	.001467	.1066729

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7031550	.0244928	.0004731	-.002861	.0004666	3.179552	.0028913
Stddev	.0329446	.0010136	.0001067	.001261	.0000655	.011351	.0021621
%RSD	4.685261	4.138132	22.55547	44.09350	14.03653	.3569851	74.77825

#1	.7073966	.0248920	.0005638	-.003320	.0004127	3.189874	.0051655
#2	.7337735	.0252460	.0004999	-.003828	.0004476	3.167396	.0026462
#3	.6682951	.0233405	.0003555	-.001434	.0005395	3.181384	.0008622

Sample Name: Q1569-05 Acquired: 3/18/2025 11:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.9365565	-.007695	.1032632
Stddev	.0066695	.001437	.0001199
%RSD	.7121257	18.67366	.1161215
#1	.9299571	-.009050	.1032939
#2	.9432938	-.006188	.1031309
#3	.9364185	-.007848	.1033647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.333	64231.59	14445.67	1935.425	4299.249
Stddev	5.112	96.37	47.35	.946	8.834
%RSD	.1962073	.1500293	.3277919	.0488839	.2054869
#1	2609.729	64128.17	14395.62	1934.676	4309.329
#2	2606.547	64247.75	14451.63	1935.112	4292.851
#3	2599.724	64318.86	14489.76	1936.488	4295.567

Sample Name: Q1569-02 Acquired: 3/18/2025 11:40:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.003528	-.006316	.0021991	.0024134	.0026249	.1070797	.1398436
Stddev	.001394	.000420	.0008564	.0026057	.0005047	.0080773	.0007959
%RSD	39.49910	6.651764	38.94525	107.9654	19.22609	7.543257	.5691083
#1	-.002004	-.006267	.0013309	.0035885	.0028012	.0980615	.1392564
#2	-.004737	-.005922	.0030432	-.000573	.0030179	.1136496	.1395250
#3	-.003844	-.006758	.0022231	.004225	.0020558	.1095279	.1407494
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001868	-.000009	10.94513	.0018994	.0031244	.0138102	.2936482
Stddev	.0000239	.000034	.04655	.0003214	.0002272	.0002901	.0040865
%RSD	12.79899	380.4787	.4253340	16.92061	7.270481	2.100487	1.391634
#1	.0002145	-.000046	10.92875	.0017889	.0032563	.0139088	.2898779
#2	.0001738	-.000002	10.90899	.0022615	.0028621	.0140381	.2979906
#3	.0001723	.000021	10.99767	.0016479	.0032548	.0134837	.2930760
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1821115	1.429843	.0035098	.0003774	309.7629	-.001521	.0523639
Stddev	.0009182	.008868	.0002535	.0003122	2.1404	.000655	.0004391
%RSD	.5041832	.6202272	7.221979	82.73247	.6909826	43.05467	.8385871
#1	.1814289	1.437808	.0036674	.0000264	307.8167	-.001546	.0523398
#2	.1817503	1.420287	.0032174	.0004817	312.0553	-.002162	.0528146
#3	.1831554	1.431434	.0036445	.0006240	309.4168	-.000854	.0519373
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3483110	.0127017	.0004538	-.001954	.0010980	.6869499	.0053619
Stddev	.0198957	.0006334	.0001802	.000846	.0002958	.0123568	.0019190
%RSD	5.712039	4.987062	39.70692	43.31402	26.94250	1.798797	35.78916
#1	.3689294	.0129630	.0006450	-.000983	.0010017	.6862326	.0060759
#2	.3467765	.0119794	.0004292	-.002346	.0014301	.6996498	.0068216
#3	.3292270	.0131627	.0002871	-.002533	.0008624	.6749674	.0031883

Sample Name: Q1569-02 Acquired: 3/18/2025 11:40:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.2024821	-.006273	.0291943
Stddev	.0031165	.000138	.0001194
%RSD	1.539165	2.203244	.4089671
#1	.2035208	-.006352	.0290607
#2	.2049467	-.006355	.0292315
#3	.1989789	-.006114	.0292906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.768	66046.35	14738.83	1969.913	4359.261
Stddev	5.146	173.88	86.10	14.238	8.611
%RSD	.1947885	.2632701	.5841625	.7227628	.1975333
#1	2636.636	65849.04	14751.92	1954.196	4350.238
#2	2641.740	66177.18	14817.63	1981.948	4360.155
#3	2646.928	66112.84	14646.93	1973.595	4367.390

Sample Name: Q1574-02 Acquired: 3/18/2025 11:45:12 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0116421	-.007125	.9379895	-.000787	.0067402	.3606565
Stddev	.0007583	.002686	.0026834	.003808	.0004282	.0057424
%RSD	6.513765	37.69646	.2860784	483.7269	6.352267	1.592200
#1	.0124978	-.004286	.9403194	-.000751	.0062473	.3543206
#2	.0110533	-.009625	.9350556	.003002	.0070201	.3655177
#3	.0113753	-.007463	.9385936	-.004613	.0069531	.3621311
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361193	.0006242	.0351517	48.32395	.0021639	.0163135
Stddev	.0014754	.0000133	.0001853	.29479	.0004219	.0002033
%RSD	.6248402	2.136280	.5270546	.6100197	19.49690	1.246424
#1	.2348743	.0006347	.0352025	48.02039	.0018754	.0161038
#2	.2357347	.0006092	.0349463	48.34238	.0026481	.0163270
#3	.2377489	.0006287	.0353062	48.60910	.0019682	.0165098
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.611679	.8413896	.6612012	2.452579	.5054514	.0003688
Stddev	.006980	.0028690	.0054491	.017959	.0005630	.0001493
%RSD	.1055703	.3409816	.8241175	.7322664	.1113828	40.47923
#1	6.603693	.8445959	.6575378	2.457189	.5058483	.0002070
#2	6.614729	.8405081	.6586026	2.467783	.5056989	.0005013
#3	6.616614	.8390647	.6674631	2.432763	.5048071	.0003981
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	353.3684	-.000323	F 37.78545	2.512439	.2942761	-.009094
Stddev	.9012	.001364	.18738	.025867	.0012598	.000234
%RSD	.2550423	422.5932	.4959033	1.029565	.4280888	2.574062
#1	354.3744	-.001078	37.95115	2.541673	.2928782	-.009300
#2	352.6347	-.001142	37.58210	2.492518	.2946267	-.008839
#3	353.0963	.001252	37.82308	2.503125	.2953234	-.009142

Sample Name: Q1574-02 Acquired: 3/18/2025 11:45:12 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-0.002916	-0.000668	1.978232	.0386613	5.566425	-0.007044
Stddev	.000367	.000330	.013163	.0034885	.015241	.000349
%RSD	12.57156	49.35409	.6653915	9.023248	.2737979	4.961300
#1	-0.003112	-0.000511	1.987503	.0379957	5.566249	-0.006667
#2	-0.003142	-0.000447	1.984027	.0355536	5.551272	-0.007357
#3	-0.002493	-0.001047	1.963166	.0424347	5.581752	-0.007106

Elem	Sr4077
Units	ppm
Avg	.2668469
Stddev	.0011632
%RSD	.4359222
#1	.2659344
#2	.2664495
#3	.2681568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.746	64152.26	14553.76	1931.857	4312.239
Stddev	.957	186.67	71.13	8.985	8.021
%RSD	.0367707	.2909826	.4887629	.4651173	.1860149
#1	2602.703	64129.67	14635.19	1935.641	4304.226
#2	2601.744	63977.91	14522.40	1938.332	4320.268
#3	2600.790	64349.20	14503.70	1921.599	4312.222

Sample Name: Q1574-01 Acquired: 3/18/2025 11:49:38 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	2.553678	.1741920	36.39314	F -1.54230	.5463247	178.7163
Stddev	.010776	.0060937	.07620	.02018	.0059106	.3327
%RSD	.4219643	3.498256	.2093840	1.308173	1.081888	.1861550
#1	2.565850	.1769827	36.32971	-1.55194	.5429594	179.0596
#2	2.545360	.1672027	36.37205	-1.55584	.5531495	178.3954
#3	2.549822	.1783905	36.47767	-1.51911	.5428652	178.6937
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.089946	.0361048	.3167469	173.1552	F 2.182860	.9085908
Stddev	.050199	.0003817	.0019939	.5795	.007868	.0022625
%RSD	.8242887	1.057111	.6294767	.3346494	.3604393	.2490116
#1	6.130557	.0363272	.3155035	173.3291	2.191656	.9060062
#2	6.105459	.0356641	.3156906	172.5087	2.176494	.9102131
#3	6.033822	.0363231	.3190467	173.6278	2.180429	.9095531
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1483.852	F 2276.560	11.21601	65.93144	32.53269	^ *****
Stddev	3.448	4.870	.02979	.42894	.04348	-----
%RSD	.2323562	.2139403	.2655647	.6505912	.1336558	-----
#1	1481.652	2281.116	11.22109	66.27348	32.49102	^ -----
#2	1487.825	2277.136	11.18401	65.45018	32.52926	^ -----
#3	1482.077	2271.427	11.24293	66.07066	32.57778	^ -----
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.58332	.7569241	F 57.10096	16.81427	^ *****	.6125020
Stddev	.06929	.0010984	.35536	.06169	-----	.0021986
%RSD	.3538461	.1451208	.6223314	.3669086	-----	.3589502
#1	19.60431	.7574896	57.51118	16.77194	^ -----	.6130271
#2	19.63968	.7556581	56.88760	16.88506	^ -----	.6143905
#3	19.50595	.7576246	56.90410	16.78582	^ -----	.6100885

Sample Name: Q1574-01 Acquired: 3/18/2025 11:49:38 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	5.614797	4.462341	9.277380	F 25.50735	F 96.80716	.9921943
Stddev	.011717	.007396	.027283	.03138	.17311	.0022394
%RSD	.2086781	.1657351	.2940797	.1230242	.1788222	.2257041
#1	5.603531	4.462112	9.299460	25.53029	96.61401	.9936808
#2	5.613942	4.455063	9.285801	25.47159	96.85912	.9932834
#3	5.626918	4.469849	9.246880	25.52016	96.94833	.9896186

Elem	Sr4077
Units	ppm
Avg	-.833709
Stddev	.019278
%RSD	2.312262
#1	-.837265
#2	-.850960
#3	-.812901

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.480	66289.74	15491.73	1680.202	3606.478
Stddev	1.968	109.29	71.65	3.455	7.409
%RSD	.1783171	.1648688	.4624952	.2056270	.2054442
#1	1101.508	66166.58	15444.30	1676.642	3614.386
#2	1103.488	66327.47	15574.15	1683.542	3605.352
#3	1105.444	66375.16	15456.74	1680.422	3599.696

Sample Name: Q1569-04 Acquired: 3/18/2025 11:54:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0269174	-.000761	.0995706	-.018694	-.001484	19.82056
Stddev	.0015724	.003898	.0006641	.001989	.000781	.03985
%RSD	5.841701	512.4402	.6669998	10.64212	52.58457	.2010510

#1	.0267072	-.005005	.1003248	-.017464	-.001591	19.84094
#2	.0254607	.002659	.0993141	-.020989	-.002206	19.84611
#3	.0285844	.000064	.0990731	-.017628	-.000656	19.77465

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1583190	.0066378	-.006463	82.38378	.1654561	.0458908
Stddev	.0008396	.0000075	.000081	.15128	.0007795	.0003665
%RSD	.5303449	.1124465	1.251646	.1836231	.4710918	.7985522

#1	.1584831	.0066348	-.006551	82.52019	.1646755	.0456995
#2	.1590644	.0066323	-.006446	82.41006	.1662343	.0463134
#3	.1574094	.0066463	-.006392	82.22108	.1654585	.0456597

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1605398	139.8479	.5331717	9.073230	.0976560	-.000358
Stddev	.0007042	.1487	.0011334	.014374	.0002843	.000472
%RSD	.4386246	.1063124	.2125710	.1584228	.2910722	132.1005

#1	.1612338	139.8850	.5334472	9.088691	.0975850	.000148
#2	.1605596	139.9744	.5341420	9.060272	.0979690	-.000434
#3	.1598259	139.6841	.5319260	9.070726	.0974140	-.000788

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7379653	.2450270	.2965580	3.467446	-.344900	.0126212
Stddev	.0082385	.0014653	.0024062	.013789	.001326	.0001331
%RSD	1.116378	.5980190	.8113795	.3976783	.3844915	1.054678

#1	.7409477	.2437748	.2940209	3.472926	-.343431	.0124991
#2	.7286509	.2466385	.2968457	3.451759	-.345262	.0127631
#3	.7442971	.2446676	.2988074	3.477653	-.346008	.0126013

Sample Name: Q1569-04 Acquired: 3/18/2025 11:54:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0048422	1.103633	F 10.50732	1.339358	3.458129	.0537769
Stddev	.0004289	.003249	.05273	.002097	.006225	.0004374
%RSD	8.857034	.2944167	.5018072	.1565624	.1800089	.8133276
#1	.0043532	1.106477	10.48402	1.341515	3.462401	.0539575
#2	.0050186	1.104331	10.56769	1.337327	3.460999	.0532781
#3	.0051547	1.100091	10.47027	1.339230	3.450987	.0540951

Elem	Sr4077
Units	ppm
Avg	.0485025
Stddev	.0004427
%RSD	.9126679
#1	.0489490
#2	.0484948
#3	.0480638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.270	72146.56	15922.44	2153.181	4594.274
Stddev	5.710	67.32	8.10	7.362	6.636
%RSD	.1936105	.0933110	.0508667	.3418949	.1444314
#1	2955.855	72217.00	15921.71	2161.569	4601.198
#2	2946.263	72082.87	15930.88	2150.176	4587.970
#3	2945.691	72139.81	15914.73	2147.797	4593.654

Sample Name: Q1581-01 Acquired: 3/18/2025 11:58:35 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.1111075	.0051972	.4087178	-.032147	-.003523	83.35893
Stddev	.0020867	.0036096	.0013373	.000713	.001629	.11867
%RSD	1.878089	69.45187	.3271830	2.217658	46.23165	.1423573

#1	.1119954	.0031561	.4071852	-.032259	-.005168	83.46680
#2	.1126034	.0030706	.4096473	-.031384	-.003492	83.37817
#3	.1087237	.0093649	.4093208	-.032797	-.001910	83.23181

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4064410	.0080618	-.010488	114.0194	.4114765	.0557840
Stddev	.0009701	.0000231	.000490	.1881	.0041786	.0007118
%RSD	.2386925	.2866548	4.673069	.1649699	1.015515	1.276056

#1	.4074455	.0080879	-.011016	114.2365	.4162575	.0551041
#2	.4055093	.0080540	-.010402	113.9167	.4096490	.0557239
#3	.4063682	.0080437	-.010047	113.9050	.4085229	.0565240

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2893353	240.3253	.9506347	60.77425	.0955195	-.000585
Stddev	.0009737	2.1496	.0036699	.23608	.0003601	.000080
%RSD	.3365419	.8944381	.3860512	.3884563	.3769851	13.68879

#1	.2886110	242.7912	.9548669	61.04190	.0951218	-.000602
#2	.2889526	239.3376	.9483327	60.68523	.0958235	-.000498
#3	.2904422	238.8472	.9487044	60.59561	.0956132	-.000655

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.646530	.3427977	.6235675	16.09466	-.528290	.0050551
Stddev	.043451	.0010053	.0026412	.14024	.004244	.0002849
%RSD	.7695119	.2932655	.4235626	.8713718	.8032567	5.635621

#1	5.696698	.3437037	.6265965	16.25659	-.524604	.0048888
#2	5.620883	.3417162	.6217447	16.01175	-.527336	.0048923
#3	5.622008	.3429731	.6223614	16.01565	-.532929	.0053840

Sample Name: Q1581-01 Acquired: 3/18/2025 11:58:35 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0136257	1.855170	F 11.70028	6.170015	2.114762	.1400903
Stddev	.0003731	.001916	.05211	.017720	.006796	.0006830
%RSD	2.738266	.1032803	.4453903	.2871961	.3213807	.4875151
#1	.0134355	1.855826	11.75981	6.169051	2.112243	.1402103
#2	.0140556	1.856673	11.67808	6.152797	2.109585	.1393553
#3	.0133860	1.853013	11.66293	6.188198	2.122458	.1407053

Elem	Sr4077
Units	ppm
Avg	-.036255
Stddev	.001398
%RSD	3.856488
#1	-.037854
#2	-.035652
#3	-.035260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.570	68377.18	15592.24	2026.652	4292.451
Stddev	8.494	534.71	29.54	9.839	8.198
%RSD	.3058030	.7819988	.1894732	.4854800	.1909763
#1	2780.197	67764.72	15570.48	2015.369	4295.508
#2	2784.440	68751.10	15625.88	2033.448	4298.681
#3	2768.073	68615.72	15580.38	2031.138	4283.164

Sample Name: CCV02 Acquired: 3/18/2025 12:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892957	5.044172	4.881643	4.859586	4.936008	9.697651
Stddev	.008664	.016512	.002972	.001767	.008149	.013826
%RSD	.1770651	.3273461	.0608860	.0363618	.1650920	.1425727

#1	4.888545	5.063043	4.878721	4.861617	4.932337	9.686440
#2	4.887387	5.032381	4.884663	4.858738	4.930340	9.693413
#3	4.902938	5.037092	4.881544	4.858403	4.945346	9.713100

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.166794	.2366327	2.411119	23.86149	1.017799	2.399324
Stddev	.108345	.0003244	.001370	.12215	.001285	.003175
%RSD	1.181933	.1370706	.0568248	.5119058	.1262181	.1323137

#1	9.276832	.2364227	2.412089	23.75752	1.018581	2.398303
#2	9.060224	.2364691	2.409552	23.83094	1.016316	2.396785
#3	9.163327	.2370063	2.411717	23.99602	1.018499	2.402883

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213896	4.691087	2.263390	23.64503	2.389880	1.235905
Stddev	.001953	.029906	.010148	.07141	.003959	.002115
%RSD	.1608710	.6375012	.4483338	.3020079	.1656550	.1711132

#1	1.212571	4.669905	2.256468	23.60954	2.390008	1.238091
#2	1.212980	4.678059	2.258665	23.59832	2.385858	1.235752
#3	1.216139	4.725297	2.275039	23.72723	2.393773	1.233870

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.46140	2.378017	2.285000	23.37487	4.708936	4.909299
Stddev	.05919	.007351	.005227	.05378	.001901	.008672
%RSD	.2419859	.3091318	.2287595	.2300599	.0403694	.1766433

#1	24.44837	2.369900	2.291031	23.31353	4.707809	4.899464
#2	24.40980	2.384226	2.282208	23.39717	4.707869	4.912586
#3	24.52602	2.379924	2.281762	23.41391	4.711131	4.915846

Sample Name: CCV02 Acquired: 3/18/2025 12:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870305	4.636961	5.071544	4.950870	4.735012	F 4.491133
Stddev	.002643	.016965	.024058	.015603	.009599	.015555
%RSD	.0542661	.3658636	.4743674	.3151502	.2027155	.3463460
#1	4.871009	4.624352	5.062697	4.936328	4.725406	4.478304
#2	4.867382	4.630282	5.053163	4.948932	4.735029	4.486662
#3	4.872525	4.656249	5.098773	4.967352	4.744603	4.508434

Elem	Sr4077
Units	ppm
Avg	4.605007
Stddev	.023729
%RSD	.5152838
#1	4.616990
#2	4.577676
#3	4.620355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.648	67852.02	13898.47	2026.952	4555.615
Stddev	5.064	55.33	31.43	4.659	5.148
%RSD	.1853107	.0815481	.2261149	.2298440	.1130138
#1	2738.239	67915.86	13930.00	2028.494	4557.412
#2	2731.336	67822.37	13898.28	2021.718	4559.624
#3	2728.370	67817.83	13867.14	2030.644	4549.809

Sample Name: CCB02 Acquired: 3/18/2025 12:17:51 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0000059	-.002436	.0002255	-.001641	.0023658	.0027602	-.005030
Stddev	.0022308	.001232	.0008697	.002117	.0021548	.0044264	.002176
%RSD	37938.41	50.57123	385.7048	129.0127	91.07937	160.3646	43.26340
#1	-.002543	-.003859	-.000778	-.001298	-.000038	.0021851	-.002545
#2	.001601	-.001739	.000698	-.003909	.004124	-.001351	-.005948
#3	.000959	-.001710	.000757	.000283	.003012	.007446	-.006597
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001082	.0000421	-.003347	.0002099	-.000022	.0004867	.0006196
Stddev	.0000241	.0000331	.004383	.0002697	.000119	.0001733	.0022563
%RSD	22.30490	78.72575	130.9750	128.4841	527.0979	35.60706	364.1656
#1	.0001358	.0000711	-.000386	.0003314	.000039	.0006861	.0030985
#2	.0000980	.0000060	-.001272	-.000099	-.000159	.0004021	.0000746
#3	.0000908	.0000491	-.008382	.000397	.000052	.0003720	-.001314
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000808	.0004187	.0002448	.0003803	-.002520	-.000176	.0003416
Stddev	.000147	.0032103	.0000445	.0001245	.010338	.000212	.0001799
%RSD	18.20816	766.7057	18.19177	32.74843	410.2944	120.6569	52.64800
#1	-.000801	.0037044	.0002961	.0004572	.009417	-.000388	.0005058
#2	-.000959	.0002622	.0002226	.0004472	-.008568	-.000177	.0003696
#3	-.000665	-.002710	.0002158	.0002366	-.008408	.000037	.0001494
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026548	.0068452	.0002561	.0001172	.0005240	.0028008	-.006220
Stddev	.007273	.0004460	.0001356	.0006599	.0001396	.0076523	.000595
%RSD	27.39662	6.515972	52.95883	563.2244	26.64041	273.2181	9.562730
#1	-.034031	.0067116	.0002294	-.000644	.0006821	-.000230	-.005549
#2	-.026107	.0073428	.0001358	.000524	.0004720	.011504	-.006683
#3	-.019505	.0064813	.0004031	.000472	.0004178	-.002872	-.006429

Sample Name: CCB02 Acquired: 3/18/2025 12:17:51 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0002210	-.001946	.0006444
Stddev	.0015201	.000308	.0010499
%RSD	687.8460	15.80622	162.9373
#1	.0001209	-.001609	.0018567
#2	-.001247	-.002017	.0000500
#3	.001789	-.002212	.0000264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.302	68110.03	14676.85	2036.846	4976.192
Stddev	3.398	174.02	50.35	13.783	4.055
%RSD	.1207694	.2555041	.3430691	.6767056	.0814921
#1	2809.393	68040.07	14703.49	2028.799	4979.718
#2	2814.975	68308.14	14618.77	2052.761	4971.761
#3	2815.540	67981.86	14708.28	2028.977	4977.099

Sample Name: Q1581-01DUP Acquired: 3/18/2025 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.1111388	.0045084	.4117665	-.036684	-.006371	83.87396
Stddev	.0005897	.0043384	.0014160	.000922	.002893	.15863
%RSD	.5305594	96.22894	.3438830	2.512730	45.41335	.1891317
#1	.1106916	.0092770	.4103216	-.036113	-.003077	83.79917
#2	.1109179	.0034536	.4118261	-.037747	-.007537	84.05616
#3	.1118071	.0007947	.4131517	-.036191	-.008500	83.76655
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4299783	.0079742	-.010027	114.2452	.4138610	.0560561
Stddev	.0003503	.0000768	.000240	.1472	.0014219	.0000549
%RSD	.0814659	.9632159	2.393143	.1288061	.3435677	.0979427
#1	.4302944	.0079101	-.010263	114.4134	.4153811	.0560785
#2	.4300388	.0080593	-.010035	114.1823	.4125635	.0560964
#3	.4296017	.0079533	-.009783	114.1400	.4136385	.0559936
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2859321	240.0403	1.019506	60.54314	.0965547	-.000654
Stddev	.0013761	1.0843	.001114	.10364	.0001353	.000717
%RSD	.4812559	.4517150	.1092524	.1711899	.1401710	109.7189
#1	.2845888	241.0726	1.019983	60.63012	.0964269	-.000048
#2	.2858686	238.9106	1.020301	60.57084	.0966965	-.001446
#3	.2873388	240.1376	1.018233	60.42846	.0965408	-.000467
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.640508	.3436136	.6412473	16.08051	-.530918	.0054775
Stddev	.012539	.0021369	.0024494	.03207	.002033	.0003459
%RSD	.2223045	.6218972	.3819786	.1994562	.3828328	6.315751
#1	5.643714	.3411627	.6431693	16.11713	-.528905	.0053838
#2	5.626676	.3445910	.6420832	16.05739	-.532969	.0058607
#3	5.651132	.3450870	.6384893	16.06702	-.530880	.0051881

Sample Name: Q1581-01DUP Acquired: 3/18/2025 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0143653	1.869743	F 12.51494	6.303194	2.149620	.1396616
Stddev	.0008633	.002492	.01202	.026972	.018496	.0006096
%RSD	6.009906	.1332969	.0960270	.4279109	.8604330	.4364612
#1	.0135568	1.872617	12.52354	6.285549	2.136025	.1394626
#2	.0152746	1.868433	12.50121	6.289790	2.142153	.1391764
#3	.0142643	1.868179	12.52007	6.334242	2.170682	.1403458

Elem	Sr4077
Units	ppm
Avg	-.036380
Stddev	.001049
%RSD	2.883511
#1	-.037437
#2	-.035339
#3	-.036365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.035	68483.64	15600.51	2023.027	4241.463
Stddev	5.042	290.95	38.07	11.865	13.386
%RSD	.1830609	.4248395	.2440129	.5864776	.3155896
#1	2759.088	68148.22	15564.08	2011.109	4255.932
#2	2754.014	68667.90	15597.40	2023.135	4238.936
#3	2749.005	68634.79	15640.03	2034.837	4229.521

Sample Name: Q1581-01LX5 Acquired: 3/18/2025 12:26:16 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0231542	-.000146	.0824107	-.010178	-.000012	17.54008	.0877365
Stddev	.0009415	.001105	.0009753	.002982	.000963	.01515	.0005396
%RSD	4.066090	754.8485	1.183421	29.29967	8340.803	.0863471	.6150633

#1	.0225456	.000938	.0834790	-.006736	-.000538	17.55702	.0882971
#2	.0226783	-.000107	.0815680	-.011801	.001100	17.53538	.0872207
#3	.0242386	-.001270	.0821849	-.011996	-.000596	17.52785	.0876916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018914	-.002912	24.53715	.0880925	.0111634	.0634951	50.14101
Stddev	.0000352	.000077	.02758	.0004741	.0000851	.0000759	.04903
%RSD	1.863136	2.643716	.1123921	.5382344	.7627102	.1194668	.0977744

#1	.0019308	-.002863	24.53627	.0884008	.0112616	.0635405	50.18656
#2	.0018808	-.003001	24.56517	.0875465	.0111161	.0635373	50.14735
#3	.0018627	-.002872	24.51003	.0883301	.0111123	.0634075	50.08913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2264179	13.05859	.0201333	-.000095	1.098480	.0725519	.1310267
Stddev	.0011352	.02162	.0003345	.000155	.012092	.0016272	.0003015
%RSD	.5013934	.1655599	1.661516	163.5132	1.100768	2.242869	.2300991

#1	.2268394	13.04696	.0204462	-.000238	1.103332	.0720045	.1312612
#2	.2251322	13.08353	.0197807	.000069	1.084715	.0712689	.1311322
#3	.2272822	13.04528	.0201729	-.000115	1.107391	.0743823	.1306866

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066347	-.115511	.0009397	.0008327	.3990108	2.439661	1.217243
Stddev	.021649	.000524	.0001694	.0004919	.0007297	.010114	.002870
%RSD	.7060212	.4539245	18.02676	59.07877	.1828771	.4145782	.2357810

#1	3.064013	-.115214	.0010725	.0003447	.3982996	2.445725	1.214905
#2	3.089068	-.115203	.0007489	.0008249	.3997577	2.445274	1.220446
#3	3.045959	-.116116	.0009975	.0013284	.3989751	2.427985	1.216378

Sample Name: Q1581-01LX5 Acquired: 3/18/2025 12:26:16 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.4039686	.0269367	-.006814
Stddev	.0020406	.0006593	.000182
%RSD	.5051441	2.447717	2.670981
#1	.4062465	.0263309	-.006956
#2	.4033519	.0268402	-.006608
#3	.4023076	.0276389	-.006877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.703	68352.41	14847.04	2067.905	4729.962
Stddev	6.161	165.12	17.60	3.100	4.755
%RSD	.2189616	.2415667	.1185495	.1499312	.1005211
#1	2808.663	68169.28	14826.71	2070.909	4731.069
#2	2811.874	68398.06	14857.19	2064.717	4724.752
#3	2820.571	68489.91	14857.21	2068.089	4734.066

Sample Name: Q1581-01MS Acquired: 3/18/2025 12:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.7926745	1.740393	1.305826	1.562041	-.007395	83.54935
Stddev	.0038402	.008185	.001659	.003026	.002169	.04843
%RSD	.4844594	.4702876	.1270712	.1937312	29.33642	.0579683
#1	.7959510	1.734131	1.303918	1.563800	-.009554	83.56572
#2	.7884487	1.749654	1.306937	1.558547	-.005215	83.58747
#3	.7936239	1.737393	1.306622	1.563777	-.007416	83.49485
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6348866	.1710460	.1683957	113.5224	.8665192	.2375553
Stddev	.0003154	.0003220	.0004194	.3214	.0005755	.0002700
%RSD	.0496790	.1882604	.2490347	.2831266	.0664156	.1136390
#1	.6348309	.1708078	.1687854	113.2931	.8663234	.2377958
#2	.6352262	.1709177	.1679519	113.8898	.8660671	.2372633
#3	.6346028	.1714123	.1684496	113.3844	.8671670	.2376067
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926961	268.9787	1.217081	64.30403	.5451856	.0670145
Stddev	.0013433	.5667	.002178	.16656	.0012477	.0000927
%RSD	.2726383	.2106853	.1789587	.2590270	.2288630	.1383604
#1	.4942225	269.6077	1.215409	64.13352	.5466252	.0669210
#2	.4921712	268.8207	1.219544	64.31223	.5444156	.0671065
#3	.4916945	268.5079	1.216289	64.46635	.5445161	.0670161
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18414	.6206398	1.023521	25.96417	-.388717	.0054926
Stddev	.04084	.0025403	.001580	.04721	.002582	.0004788
%RSD	.4010556	.4092998	.1543964	.1818331	.6641426	8.717497
#1	10.23130	.6181804	1.022741	26.01418	-.386353	.0055685
#2	10.16081	.6204850	1.022483	25.95797	-.391472	.0059289
#3	10.16030	.6232539	1.025340	25.92037	-.388326	.0049804

Sample Name: Q1581-01MS Acquired: 3/18/2025 12:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0145912	1.717338	F 11.54957	F 12.33793	2.100469	.3217598
Stddev	.0013106	.002912	.04236	.03664	.004861	.0012128
%RSD	8.981745	.1695657	.3668001	.2969822	.2314402	.3769116
#1	.0135767	1.715466	11.59183	12.32467	2.097454	.3222628
#2	.0160709	1.720693	11.50710	12.30977	2.106077	.3226402
#3	.0141262	1.715854	11.54977	12.37936	2.097876	.3203765

Elem	Sr4077
Units	ppm
Avg	.1002242
Stddev	.0010293
%RSD	1.027042
#1	.0993861
#2	.1013731
#3	.0999132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.021	68573.73	15269.83	2054.157	4254.274
Stddev	8.516	159.32	29.95	8.036	9.152
%RSD	.3088823	.2323381	.1961103	.3912042	.2151232
#1	2747.594	68454.99	15303.40	2047.249	4245.043
#2	2764.158	68754.79	15260.23	2062.976	4263.345
#3	2759.311	68511.41	15245.86	2052.245	4254.433

Sample Name: Q1581-01MSD Acquired: 3/18/2025 12:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.7939316	1.737575	1.303981	1.569005	-.007512	83.50859
Stddev	.0023186	.002323	.005130	.002322	.001274	.79506
%RSD	.2920334	.1336956	.3934246	.1479744	16.96309	.9520745
#1	.7913654	1.737197	1.302596	1.566378	-.008620	82.61052
#2	.7958755	1.740064	1.299685	1.569856	-.007795	84.12265
#3	.7945538	1.735464	1.309662	1.570782	-.006119	83.79261
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6313990	.1677980	.1698878	113.3901	.8571033	.2373577
Stddev	.0067263	.0007323	.0005235	.8910	.0025433	.0006492
%RSD	1.065297	.4364371	.3081347	.7857716	.2967308	.2735256
#1	.6252079	.1669535	.1700232	112.4387	.8594288	.2367561
#2	.6385560	.1681822	.1693100	114.2048	.8543874	.2372711
#3	.6304331	.1682584	.1703303	113.5270	.8574937	.2380459
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901369	261.1232	1.203723	63.82194	.5434407	.0656993
Stddev	.0006918	1.2994	.013536	.45002	.0013869	.0010969
%RSD	.1411411	.4976377	1.124522	.7051236	.2552026	1.669610
#1	.4893693	261.4937	1.191821	63.31147	.5421428	.0654393
#2	.4903291	262.1971	1.218448	64.16138	.5432772	.0669029
#3	.4907122	259.6787	1.200901	63.99295	.5449021	.0647558
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.929908	.6201416	1.003353	25.29572	-.413218	.0054779
Stddev	.054297	.0052689	.002549	.16542	.005748	.0002724
%RSD	.5468021	.8496357	.2540526	.6539599	1.390985	4.973061
#1	9.911937	.6152265	1.004698	25.20600	-.406739	.0056739
#2	9.990912	.6257044	1.000413	25.48662	-.415209	.0055929
#3	9.886874	.6194938	1.004948	25.19453	-.417705	.0051668

Sample Name: Q1581-01MSD Acquired: 3/18/2025 12:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0134485	1.713801	F 11.22872	F 12.30012	2.100178	.3189671
Stddev	.0014317	.017009	.00872	.02665	.011227	.0035913
%RSD	10.64574	.9924520	.0776405	.2166988	.5345588	1.125904
#1	.0118599	1.698148	11.22482	12.26976	2.093709	.3162797
#2	.0138464	1.731900	11.23870	12.31965	2.113142	.3230459
#3	.0146391	1.711354	11.22262	12.31095	2.093684	.3175757

Elem	Sr4077
Units	ppm
Avg	.1069045
Stddev	.0035653
%RSD	3.335000
#1	.1030323
#2	.1100513
#3	.1076298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.465	70435.76	15323.15	2059.613	4254.346
Stddev	3.898	440.23	20.50	8.365	2.778
%RSD	.1413100	.6250148	.1337793	.4061574	.0652891
#1	2761.536	69930.80	15345.87	2051.685	4256.903
#2	2759.779	70738.88	15317.56	2068.356	4254.745
#3	2754.080	70637.61	15306.04	2058.798	4251.391

Sample Name: Q1581-01A Acquired: 3/18/2025 12:38:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.8266282	1.856507	1.310689	1.719267	.7249818	87.01158
Stddev	.0042535	.021789	.002779	.002188	.0053047	.03231
%RSD	.5145646	1.173629	.2120113	.1272424	.7317043	.0371329
#1	.8219118	1.870903	1.308900	1.718885	.7238462	87.03473
#2	.8277997	1.831440	1.309276	1.717296	.7203368	87.02534
#3	.8301733	1.867178	1.313890	1.721621	.7307623	86.97467

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6021633	.1733790	.1740499	114.5909	.7744409	.2416890
Stddev	.0012505	.0003402	.0004704	.2447	.0019159	.0008319
%RSD	.2076617	.1962016	.2702459	.2135101	.2473950	.3441852
#1	.6034083	.1736220	.1737012	114.8452	.7766164	.2417233
#2	.6021740	.1729902	.1738637	114.3571	.7730052	.2408405
#3	.6009075	.1735248	.1745849	114.5704	.7737010	.2425031

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5491361	238.4705	1.200237	63.00026	.5565933	.0687408
Stddev	.0011926	1.1460	.002420	.18308	.0021359	.0001908
%RSD	.2171739	.4805630	.2016036	.2906057	.3837489	.2775509
#1	.5482773	239.7814	1.203030	63.13672	.5562808	.0685206
#2	.5486333	237.9718	1.198925	62.79220	.5546309	.0688574
#3	.5504978	237.6584	1.198757	63.07187	.5588683	.0688444

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.381828	.5956439	.8171755	25.10667	-.314182	.3634003
Stddev	.036073	.0017399	.0022382	.14543	.006263	.0002167
%RSD	.4303714	.2921067	.2738924	.5792486	1.993542	.0596322
#1	8.421417	.5976530	.8195479	25.27211	-.307761	.3633125
#2	8.373252	.5946402	.8151014	25.04894	-.314511	.3636471
#3	8.350817	.5946386	.8168773	24.99898	-.320274	.3632413

Sample Name: Q1581-01A Acquired: 3/18/2025 12:38:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6726115	2.117128	F 16.72689	F 12.13704	2.135226	.3095770
Stddev	.0027539	.003381	.09243	.05371	.011666	.0012036
%RSD	.4094350	.1597184	.5525898	.4425639	.5463685	.3887922
#1	.6731691	2.116735	16.72668	12.14194	2.132357	.3109602
#2	.6696214	2.113960	16.81943	12.08105	2.125263	.3090027
#3	.6750439	2.120689	16.63457	12.18814	2.148060	.3087681

Elem	Sr4077
Units	ppm
Avg	.1273352
Stddev	.0003589
%RSD	.2818346
#1	.1276093
#2	.1269290
#3	.1274673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.943	67731.21	14949.14	2009.461	4178.171
Stddev	5.012	179.78	29.19	2.464	1.347
%RSD	.1844881	.2654332	.1952859	.1226051	.0322461
#1	2717.325	67542.06	14947.85	2006.796	4179.153
#2	2711.750	67899.86	14978.96	2009.934	4176.635
#3	2721.753	67751.71	14920.62	2011.654	4178.726

Sample Name: Q1585-01 Acquired: 3/18/2025 12:42:31 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0457379	-.024792	.2581221	-.045393	-.006183	112.5563
Stddev	.0033179	.000732	.0016120	.002371	.001445	.1466
%RSD	7.254166	2.950668	.6245059	5.222749	23.37355	.1302197

#1	.0426738	-.025466	.2563310	-.043233	-.005449	112.4549
#2	.0492617	-.024014	.2585792	-.047930	-.005252	112.4897
#3	.0452782	-.024895	.2594563	-.045017	-.007848	112.7244

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5613694	.0058218	.0020922	273.4474	.3335444	.1876950
Stddev	.0022671	.0000968	.0003700	.7305	.0013807	.0004850
%RSD	.4038454	1.662326	17.68309	.2671386	.4139490	.2583826

#1	.5588998	.0059038	.0025164	273.6790	.3319689	.1882261
#2	.5633561	.0058465	.0018365	274.0341	.3341208	.1872756
#3	.5618522	.0057150	.0019237	272.6292	.3345436	.1875835

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3532183	269.6016	3.165444	89.96443	.3367985	-.002854
Stddev	.0018920	2.4989	.006002	.09157	.0003317	.000214
%RSD	.5356506	.9269043	.1896059	.1017867	.0984767	7.498882

#1	.3539512	266.7850	3.158790	89.93167	.3365254	-.003085
#2	.3510695	271.5528	3.170448	90.06788	.3367024	-.002662
#3	.3546342	270.4670	3.167093	89.89375	.3371675	-.002816

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.418670	.3975852	.8315645	28.04453	-.602362	.0107895
Stddev	.061094	.0011816	.0047843	.24842	.005059	.0001763
%RSD	.8235206	.2971875	.5753412	.8857971	.8399427	1.634369

#1	7.348563	.3962504	.8271323	27.75768	-.607059	.0107219
#2	7.460530	.3980077	.8366365	28.18750	-.597005	.0106569
#3	7.446916	.3984974	.8309246	28.18841	-.603021	.0109896

Sample Name: Q1585-01 Acquired: 3/18/2025 12:42:31 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0073379	8.777222	3.700449	F 13.81122	F 21.31956	.2795210
Stddev	.0004561	.015354	.026691	.03539	.04944	.0022970
%RSD	6.215681	.1749331	.7212846	.2562180	.2319186	.8217584
#1	.0069144	8.760115	3.676388	13.82680	21.31088	.2771839
#2	.0072786	8.781742	3.729159	13.77072	21.27503	.2796033
#3	.0078208	8.789809	3.695801	13.83614	21.37277	.2817756

Elem	Sr4077
Units	ppm
Avg	.2458624
Stddev	.0014561
%RSD	.5922514
#1	.2472352
#2	.2443352
#3	.2460169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.981	77954.20	17875.42	2303.042	3935.347
Stddev	7.613	394.16	28.88	15.902	6.402
%RSD	.2440952	.5056335	.1615471	.6904692	.1626916
#1	3114.595	78396.56	17842.81	2320.917	3933.077
#2	3127.772	77640.26	17885.73	2290.466	3942.575
#3	3114.577	77825.78	17897.74	2297.743	3930.389

Sample Name: Q1585-01DUP Acquired: 3/18/2025 12:46:43 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0443595	-.021641	.2595915	-.045532	-.004783	111.2338
Stddev	.0035389	.004474	.0021528	.002850	.004482	.1648
%RSD	7.977881	20.67347	.8292833	6.258549	93.70421	.1481533
#1	.0404052	-.023883	.2572357	-.047627	-.009767	111.4189
#2	.0472292	-.016490	.2600825	-.042287	-.003496	111.1797
#3	.0454441	-.024551	.2614564	-.046682	-.001085	111.1029
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5751451	.0056728	.0014599	268.4119	.3324840	.1875867
Stddev	.0013750	.0000179	.0003455	1.2297	.0002145	.0007053
%RSD	.2390648	.3151947	23.66456	.4581537	.0645016	.3759886
#1	.5766231	.0056933	.0011555	269.7158	.3323765	.1876617
#2	.5739039	.0056649	.0013888	267.2730	.3327309	.1868469
#3	.5749085	.0056603	.0018354	268.2471	.3323445	.1882515
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3565530	269.7367	3.168056	88.93177	.3367767	-.003285
Stddev	.0011952	.7995	.013320	.27605	.0013219	.000433
%RSD	.3352123	.2964138	.4204390	.3104079	.3925021	13.19042
#1	.3559641	270.4240	3.182986	89.16306	.3361163	-.002898
#2	.3557665	268.8592	3.163792	89.00608	.3359152	-.003753
#3	.3579284	269.9270	3.157391	88.62617	.3382986	-.003202
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.472263	.3933562	.8239009	28.33959	-.578087	.0110931
Stddev	.020184	.0016356	.0032034	.10384	.003695	.0002253
%RSD	.2701197	.4158117	.3888124	.3664235	.6392008	2.031399
#1	7.462414	.3947289	.8275779	28.32676	-.579012	.0113289
#2	7.458895	.3937933	.8224109	28.24276	-.581233	.0110705
#3	7.495481	.3915464	.8217138	28.44926	-.574018	.0108799

Sample Name: Q1585-01DUP Acquired: 3/18/2025 12:46:43 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0091625	8.731146	3.719586	F 13.84348	F 21.24714	.2785073
Stddev	.0009981	.026960	.028173	.05149	.08300	.0004386
%RSD	10.89300	.3087841	.7574315	.3719607	.3906588	.1574782
#1	.0101815	8.761655	3.703708	13.83291	21.18922	.2789878
#2	.0081867	8.710530	3.752115	13.79810	21.20997	.2781285
#3	.0091195	8.721253	3.702936	13.89944	21.34224	.2784058

Elem	Sr4077
Units	ppm
Avg	.2475501
Stddev	.0009011
%RSD	.3639852
#1	.2485421
#2	.2467823
#3	.2473260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.944	78402.16	18238.33	2333.452	3952.408
Stddev	8.033	170.44	100.65	14.831	13.123
%RSD	.2576401	.2173902	.5518705	.6355752	.3320380
#1	3124.084	78230.44	18150.97	2316.376	3955.650
#2	3120.896	78404.75	18215.61	2340.856	3963.606
#3	3108.853	78571.29	18348.39	2343.122	3937.967

Sample Name: Q1585-01LX5 Acquired: 3/18/2025 12:50:55 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0090460	-.006124	.0532479	-.009172	-.002245	26.70438	.1328577
Stddev	.0022671	.000923	.0008645	.001590	.000793	.08030	.0014583
%RSD	25.06132	15.06578	1.623459	17.33964	35.31093	.3007046	1.097631
#1	.0107057	-.005270	.0525287	-.010287	-.001873	26.65733	.1345416
#2	.0099694	-.005999	.0530081	-.009879	-.001706	26.79710	.1320049
#3	.0064630	-.007103	.0542070	-.007351	-.003155	26.65870	.1320267
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015455	-.002921	67.38590	.0831122	.0371491	.0906043	65.42781
Stddev	.0000409	.000192	.15432	.0002644	.0001017	.0010152	.38602
%RSD	2.646372	6.582652	.2290101	.3180628	.2738092	1.120512	.5899921
#1	.0015887	-.002959	67.37554	.0830186	.0371831	.0898438	65.76216
#2	.0015075	-.003091	67.54514	.0829075	.0370347	.0902119	65.51592
#3	.0015402	-.002712	67.23702	.0834107	.0372295	.0917572	65.00536
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8167395	22.23705	.0684952	-.000504	1.627565	.0990703	.1956927
Stddev	.0051543	.02838	.0004817	.000173	.013214	.0007194	.0008159
%RSD	.6310825	.1276412	.7032975	34.34887	.8118829	.7261802	.4169244
#1	.8223331	22.24996	.0679641	-.000417	1.632588	.0998700	.1949777
#2	.8157033	22.25669	.0686176	-.000704	1.637531	.0984756	.1965814
#3	.8121820	22.20451	.0689039	-.000393	1.612576	.0988653	.1955190
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.095168	-.149510	.0022936	-.001162	2.148901	.8119618	2.687937
Stddev	.049071	.001192	.0002389	.000255	.006746	.0118882	.003580
%RSD	.8050847	.7970552	10.41631	21.94995	.3139297	1.464132	.1331739
#1	6.147030	-.150195	.0021875	-.001094	2.152100	.8218812	2.684213
#2	6.089005	-.148134	.0025672	-.000947	2.153452	.8152200	2.691352
#3	6.049470	-.150201	.0021262	-.001444	2.141151	.7987842	2.688248

Sample Name: Q1585-01LX5 Acquired: 3/18/2025 12:50:55 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	3.985844	.0633715	.0585301
Stddev	.014030	.0002824	.0003017
%RSD	.3520051	.4455562	.5154926
#1	3.977481	.0630516	.0582208
#2	4.002042	.0635860	.0588236
#3	3.978008	.0634768	.0585459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.319	69706.18	15226.09	2097.008	4531.213
Stddev	4.947	70.92	41.57	7.720	.357
%RSD	.1739334	.1017481	.2730120	.3681557	.0078697
#1	2846.003	69686.94	15271.76	2095.364	4531.596
#2	2848.205	69646.85	15216.04	2090.242	4530.891
#3	2838.750	69784.74	15190.46	2105.417	4531.151

Sample Name: Q1585-01MS Acquired: 3/18/2025 12:55:05 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6579589	1.799919	1.104721	1.403996	.2534437	117.5772
Stddev	.0025437	.006548	.002660	.002108	.0018798	.1657
%RSD	.3865976	.3638047	.2407803	.1501605	.7417086	.1409004

#1	.6593874	1.804640	1.106418	1.402651	.2548685	117.5912
#2	.6594671	1.802673	1.101656	1.402911	.2513132	117.4051
#3	.6550221	1.792443	1.106090	1.406426	.2541495	117.7355

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7368221	.1452003	.1839826	286.4236	.6475517	.3704491
Stddev	.0014865	.0005834	.0003956	1.0693	.0010446	.0007894
%RSD	.2017473	.4017963	.2150146	.3733301	.1613165	.2131003

#1	.7380425	.1454863	.1842766	286.8184	.6482519	.3705243
#2	.7351666	.1445290	.1835328	285.2130	.6463511	.3696248
#3	.7372573	.1455855	.1841383	287.2394	.6480523	.3711983

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6390791	263.0700	3.444085	92.44126	.7970438	.0567360
Stddev	.0017214	.3313	.005332	.05213	.0014343	.0000858
%RSD	.2693556	.1259300	.1548181	.0563933	.1799460	.1512196

#1	.6400625	262.7848	3.445314	92.43836	.7984631	.0566435
#2	.6370914	262.9917	3.438246	92.39064	.7955950	.0568130
#3	.6400833	263.4333	3.448695	92.49478	.7970734	.0567516

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.938623	.5831503	.9287478	34.68954	-.386516	.3060632
Stddev	.027659	.0028415	.0036793	.03650	.005100	.0007692
%RSD	.2782985	.4872681	.3961598	.1052268	1.319564	.2513229

#1	9.914746	.5824164	.9323749	34.72213	-.385549	.3062112
#2	9.968931	.5807478	.9250183	34.69640	-.381969	.3052307
#3	9.932192	.5862868	.9288501	34.65010	-.392031	.3067475

Sample Name: Q1585-01MS Acquired: 3/18/2025 12:55:05 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6222355	8.824838	4.562748	F 18.88272	F 21.76678	.4277417
Stddev	.0017151	.017998	.033901	.02673	.03825	.0003138
%RSD	.2756324	.2039458	.7429874	.1415530	.1757356	.0733609
#1	.6204359	8.831136	4.527115	18.86124	21.81094	.4277571
#2	.6238512	8.804538	4.594598	18.87427	21.74396	.4280475
#3	.6224194	8.838841	4.566532	18.91265	21.74543	.4274205

Elem	Sr4077
Units	ppm
Avg	.4321506
Stddev	.0013783
%RSD	.3189388
#1	.4331093
#2	.4305711
#3	.4327714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.137	79175.39	17481.06	2324.083	3989.063
Stddev	8.517	118.88	56.98	13.012	5.892
%RSD	.2726071	.1501434	.3259306	.5598852	.1476995
#1	3119.020	79280.89	17464.88	2311.968	3984.458
#2	3133.968	79198.70	17544.37	2322.444	3995.702
#3	3119.422	79046.59	17433.91	2337.838	3987.028

Sample Name: Q1585-01MSD Acquired: 3/18/2025 12:59:12 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6688682	1.796676	1.111382	1.422940	.2552926	117.8916
Stddev	.0046355	.016000	.003480	.012905	.0049289	.0901
%RSD	.6930429	.8905369	.3130873	.9069255	1.930693	.0763971
#1	.6640691	1.778533	1.112135	1.408737	.2496307	117.9045
#2	.6733207	1.802726	1.107587	1.426138	.2576215	117.9745
#3	.6692147	1.808768	1.114423	1.433946	.2586254	117.7958
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7305562	.1440374	.1848039	283.0927	.6530221	.3728602
Stddev	.0015013	.0002951	.0007127	.9031	.0013363	.0002336
%RSD	.2054938	.2048691	.3856642	.3190088	.2046330	.0626562
#1	.7322217	.1437433	.1840500	282.3142	.6523679	.3726325
#2	.7301398	.1440354	.1848951	282.8810	.6545594	.3728487
#3	.7293072	.1443335	.1854667	284.0828	.6521389	.3730994
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6430031	267.2461	3.404768	92.20127	.8019165	.0579368
Stddev	.0031754	.7640	.011488	.23045	.0024875	.0005250
%RSD	.4938346	.2858931	.3373968	.2499404	.3102005	.9062039
#1	.6396560	268.0386	3.417931	92.32446	.7993765	.0581213
#2	.6433804	267.1854	3.399608	92.34393	.8020251	.0573444
#3	.6459730	266.5142	3.396766	91.93541	.8043480	.0583447
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20589	.5806690	.9431134	35.40570	-.377113	.3071629
Stddev	.00850	.0018469	.0007987	.09652	.006079	.0015330
%RSD	.0833220	.3180674	.0846869	.2726070	1.611867	.4990809
#1	10.20680	.5825473	.9440348	35.45826	-.371711	.3054484
#2	10.21390	.5806047	.9426865	35.46453	-.375932	.3076391
#3	10.19697	.5788551	.9426189	35.29431	-.383695	.3084014

Sample Name: Q1585-01MSD Acquired: 3/18/2025 12:59:12 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6273296	8.806073	4.734996	F 18.93659	F 21.95294	.4274274
Stddev	.0008082	.009690	.007076	.03655	.04776	.0007768
%RSD	.1288354	.1100376	.1494490	.1930147	.2175396	.1817318
#1	.6269487	8.815306	4.730563	18.89963	21.91048	.4282874
#2	.6282579	8.806931	4.743157	18.93743	21.94370	.4267767
#3	.6267822	8.795983	4.731267	18.97272	22.00464	.4272181

Elem	Sr4077
Units	ppm
Avg	.4256166
Stddev	.0002386
%RSD	.0560685
#1	.4258407
#2	.4256434
#3	.4253656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.901	78012.90	17658.67	2285.046	3958.826
Stddev	8.070	199.94	35.10	9.983	8.880
%RSD	.2601763	.2562893	.1987958	.4368942	.2242971
#1	3109.693	78161.05	17697.53	2282.042	3963.339
#2	3102.432	77785.48	17629.24	2276.910	3964.542
#3	3093.578	78092.16	17649.26	2296.187	3948.596

Sample Name: CCV03 Acquired: 3/18/2025 13:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922436	5.041077	4.854748	4.911751	4.967199	9.737539
Stddev	.022133	.031615	.012872	.012391	.013698	.024108
%RSD	.4496450	.6271557	.2651443	.2522714	.2757623	.2475733

#1	4.915690	5.069646	4.867081	4.915652	4.960458	9.744158
#2	4.947157	5.046475	4.855766	4.921723	4.982961	9.710813
#3	4.904460	5.007110	4.841397	4.897879	4.958179	9.757645

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.804503	.2392315	2.403335	23.69199	1.023325	2.389546
Stddev	.131989	.0010559	.006470	.03031	.002405	.005892
%RSD	1.346210	.4413927	.2691890	.1279459	.2349812	.2465781

#1	9.951895	.2400061	2.406254	23.72617	1.025596	2.392144
#2	9.697225	.2396597	2.407831	23.68145	1.023575	2.393693
#3	9.764388	.2380288	2.395920	23.66836	1.020806	2.382801

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.216590	4.686358	2.394377	23.66307	2.384688	1.238647
Stddev	.001851	.015292	.010610	.08185	.007117	.002240
%RSD	.1521138	.3263178	.4431156	.3459036	.2984332	.1808158

#1	1.216530	4.699848	2.395367	23.73972	2.387283	1.240673
#2	1.218470	4.669745	2.383307	23.67262	2.390143	1.239027
#3	1.214771	4.689481	2.404457	23.57686	2.376638	1.236242

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58055	2.372989	2.427961	23.26104	4.715059	4.930683
Stddev	.10644	.005394	.010352	.13009	.008638	.012261
%RSD	.4330443	.2273228	.4263606	.5592417	.1832050	.2486764

#1	24.63172	2.378378	2.435884	23.29427	4.715232	4.936876
#2	24.45818	2.367589	2.416249	23.11756	4.723610	4.938613
#3	24.65174	2.372999	2.431752	23.37128	4.706336	4.916560

Sample Name: CCV03 Acquired: 3/18/2025 13:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853141	4.610783	5.176185	4.906579	4.738447	F 4.442649
Stddev	.013324	.010859	.027439	.005791	.015003	.013660
%RSD	.2745388	.2355028	.5301013	.1180266	.3166188	.3074849
#1	4.857774	4.615662	5.180634	4.903250	4.746953	4.443860
#2	4.863530	4.598340	5.146793	4.913266	4.747264	4.428424
#3	4.838119	4.618345	5.201127	4.903220	4.721124	4.455664

Elem	Sr4077
Units	ppm
Avg	4.521584
Stddev	.028497
%RSD	.6302343
#1	4.501598
#2	4.554215
#3	4.508939

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.601	66046.30	13633.88	1965.184	4524.563
Stddev	8.503	167.91	39.42	6.638	14.808
%RSD	.3154228	.2542355	.2891195	.3378033	.3272817
#1	2689.195	65853.03	13597.40	1959.074	4512.360
#2	2692.359	66129.49	13628.55	1972.248	4520.293
#3	2705.247	66156.38	13675.70	1964.230	4541.037

Sample Name: CCB03 Acquired: 3/18/2025 13:13:01 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0011870	-.001714	.0004833	-.001147	.0012246	.0043739	-.002557
Stddev	.0011090	.000663	.0006880	.005564	.0000710	.0049638	.000442
%RSD	93.42885	38.66478	142.3496	485.0650	5.798123	113.4863	17.28767

#1	.0024050	-.002150	.0008106	.005263	.0012657	.0070311	-.002832
#2	.0009201	-.000951	-.000307	-.003984	.0011426	-.001353	-.002047
#3	.0002358	-.002040	.000947	-.004721	.0012656	.007444	-.002791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001060	.0000298	-.003388	.0005416	.0002452	.0001740	.0011378
Stddev	.0000192	.0001215	.005710	.0001897	.0001244	.0003754	.0062722
%RSD	18.13763	407.1028	168.5198	35.01924	50.71238	215.7177	551.2338

#1	.0001273	.0001044	-.009972	.0005632	.0001063	.0004327	-.003976
#2	.0001007	-.000110	.000202	.0007196	.0003461	-.000257	-.000747
#3	.0000900	.000095	-.000394	.0003421	.0002833	.000346	.008136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001303	-.000026	.0000597	.0002084	-.016399	.0007575	-.000018
Stddev	.000247	.009936	.0000645	.0001448	.007526	.0014062	.000232
%RSD	18.95275	37719.57	108.0910	69.47541	45.89328	185.6414	1274.947

#1	-.001584	-.010368	.0000115	.0002527	-.013023	.0017143	.000246
#2	-.001201	.009448	.0000345	.0000467	-.025022	.0014153	-.000184
#3	-.001123	.000841	.0001329	.0003260	-.011152	-.000857	-.000117

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079250	.0037463	.0001202	-.000073	.0013686	.0052067	-.005918
Stddev	.019591	.0005130	.0000378	.000721	.0003524	.0062885	.001980
%RSD	24.72031	13.69404	31.48054	989.5902	25.74673	120.7770	33.46241

#1	-.089039	.0036456	.0000765	.000752	.0010574	.0111780	-.007315
#2	-.056694	.0043023	.0001437	-.000582	.0012972	.0057992	-.003652
#3	-.092018	.0032912	.0001403	-.000388	.0017513	-.001357	-.006786

Sample Name: CCB03 Acquired: 3/18/2025 13:13:01 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0005960	-.002802	.0001460
Stddev	.0042924	.000651	.0000658
%RSD	720.1618	23.22611	45.08542

#1	.0033183	-.003393	.0002129
#2	.0028220	-.002907	.0000813
#3	-.004352	-.002105	.0001437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.738	68814.04	14551.99	2073.787	5014.467
Stddev	4.246	149.26	57.53	6.600	6.937
%RSD	.1508636	.2169020	.3953639	.3182582	.1383434

#1	2816.604	68683.07	14618.19	2066.966	5022.454
#2	2817.732	68782.51	14514.14	2080.141	5011.001
#3	2809.878	68976.55	14523.63	2074.255	5009.946

Sample Name: Q1585-01A Acquired: 3/18/2025 13:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6386073	1.761723	1.130860	1.393265	.6157715	112.2510
Stddev	.0058485	.005097	.003027	.006140	.0016506	.1332
%RSD	.9158273	.2893360	.2677071	.4406786	.2680498	.1186704

#1	.6329046	1.763940	1.127674	1.389778	.6165630	112.1239
#2	.6383258	1.765336	1.131208	1.389663	.6138742	112.3896
#3	.6445915	1.755893	1.133699	1.400354	.6168772	112.2394

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6376821	.1406786	.1813704	270.4872	.6178734	.3627290
Stddev	.0023964	.0007669	.0005607	2.2140	.0004611	.0007547
%RSD	.3758029	.5451110	.3091560	.8185275	.0746254	.2080607

#1	.6383277	.1405919	.1812639	270.6231	.6174785	.3626589
#2	.6396896	.1414851	.1808707	272.6302	.6177614	.3620118
#3	.6350290	.1399587	.1819768	268.2084	.6183801	.3635163

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5565619	257.5164	3.053191	89.99131	.7710042	.0546338
Stddev	.0022000	.3969	.014611	.26839	.0015910	.0003234
%RSD	.3952907	.1541069	.4785588	.2982434	.2063552	.5920329

#1	.5555546	257.4930	3.054721	89.79073	.7698090	.0549947
#2	.5550459	257.1318	3.066977	90.29620	.7703935	.0543701
#3	.5590853	257.9244	3.037875	89.88702	.7728101	.0545365

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391399	.5939104	.9460316	34.22716	-.427591	.3102497
Stddev	.055908	.0008401	.0015032	.16300	.006996	.0010760
%RSD	.5953123	.1414531	.1588992	.4762356	1.636086	.3468205

#1	9.380889	.5931399	.9466900	34.29254	-.428834	.3094704
#2	9.341491	.5948060	.9470934	34.04162	-.433883	.3098014
#3	9.451816	.5937852	.9443115	34.34733	-.420058	.3114774

Sample Name: Q1585-01A Acquired: 3/18/2025 13:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6588185	8.844791	4.750265	F 19.21653	F 20.23532	.4093249
Stddev	.0019204	.022171	.039291	.02383	.07461	.0011039
%RSD	.2914876	.2506723	.8271311	.1240180	.3687117	.2696898
#1	.6597701	8.845598	4.706982	19.21648	20.21303	.4102257
#2	.6566081	8.866548	4.760130	19.19271	20.17439	.4096555
#3	.6600772	8.822227	4.783684	19.24038	20.31853	.4080934

Elem	Sr4077
Units	ppm
Avg	.3805392
Stddev	.0022348
%RSD	.5872578
#1	.3811358
#2	.3824151
#3	.3780667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.544	80131.93	17752.46	2348.035	3999.625
Stddev	7.701	136.13	90.46	9.634	9.786
%RSD	.2453025	.1698817	.5095726	.4103072	.2446764
#1	3141.659	80128.57	17746.04	2338.952	4004.447
#2	3145.966	80269.70	17665.38	2347.013	4006.065
#3	3131.006	79997.50	17845.96	2358.139	3988.364

Sample Name: Q1574-02LX5 Acquired: 3/18/2025 13:32:43 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0003476	-.004209	.1958609	.0003725	.0068040	.0748707	.0430221
Stddev	.0018480	.001080	.0008083	.0012667	.0014166	.0010890	.0009740
%RSD	531.6744	25.65988	.4126692	340.0852	20.81943	1.454520	2.263924
#1	-.000626	-.005382	.1953390	-.000375	.0072837	.0742739	.0434346
#2	-.000810	-.003992	.1967919	.001835	.0052099	.0742106	.0419098
#3	.002479	-.003255	.1954518	-.000343	.0079185	.0761277	.0437220
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002049	.0071792	9.786912	.0007701	.0035038	1.419206	.1552996
Stddev	.0000401	.0000955	.026889	.0002330	.0001245	.007845	.0031254
%RSD	19.57790	1.330795	.2747491	30.25204	3.552742	.5528042	2.012486
#1	.0001730	.0070843	9.788877	.0008340	.0035689	1.413792	.1542927
#2	.0001918	.0071778	9.759093	.0009644	.0033603	1.415623	.1588043
#3	.0002499	.0072753	9.812764	.0005118	.0035822	1.428203	.1528018
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321744	.5224903	.1044068	.0004085	64.48696	.0008724	13.50061
Stddev	.0003960	.0081529	.0007859	.0004108	.27062	.0004956	.03832
%RSD	.2995925	1.560393	.7526843	100.5710	.4196503	56.80385	.2838206
#1	.1323464	.5184244	.1045201	.0008166	64.63705	.0006672	13.51957
#2	.1317215	.5318766	.1035704	-.000005	64.64928	.0014376	13.45651
#3	.1324553	.5171700	.1051298	.000414	64.17456	.0005124	13.52576
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3424645	.0668714	-.002333	-.001679	.0007312	.3681575	.0015068
Stddev	.0237796	.0005895	.000216	.000800	.0007301	.0019140	.0020465
%RSD	6.943661	.8814894	9.258758	47.65830	99.84326	.5198899	135.8212
#1	.3183099	.0664351	-.002092	-.002387	-.000050	.3659483	.0018275
#2	.3432332	.0666372	-.002510	-.000811	.001396	.3692046	-.000681
#3	.3658504	.0675420	-.002396	-.001837	.000847	.3693194	.003374

Sample Name: Q1574-02LX5 Acquired: 3/18/2025 13:32:43 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	1.136341	-.003652	.0519232
Stddev	.005108	.000405	.0001602
%RSD	.4495300	11.07772	.3084531
#1	1.130513	-.004005	.0518077
#2	1.138468	-.003739	.0518558
#3	1.140042	-.003210	.0521060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.722	67550.45	14135.45	2028.623	4607.518
Stddev	6.781	301.84	64.57	7.651	14.011
%RSD	.2511889	.4468361	.4568126	.3771519	.3040810
#1	2698.474	67230.84	14102.46	2020.748	4599.418
#2	2707.041	67589.86	14209.85	2029.090	4623.696
#3	2693.652	67830.65	14094.04	2036.029	4599.440

Sample Name: Q1574-01DLX20 Acquired: 3/18/2025 13:41:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0701221	.0091184	2.065247	-.015662	.0186823	9.553219	.2940345
Stddev	.0008143	.0016045	.008449	.003013	.0019236	.183809	.0060969
%RSD	1.161276	17.59678	.4091003	19.23798	10.29651	1.924052	2.073526

#1	.0704887	.0073861	2.063519	-.018795	.0164669	9.632666	.2959219
#2	.0706886	.0094155	2.057796	-.015406	.0199290	9.683942	.2989644
#3	.0691889	.0105537	2.074427	-.012786	.0196511	9.343050	.2872171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025856	.0029356	10.30181	.1347882	.0469267	48.35011	159.8483
Stddev	.0000235	.0006350	.18261	.0022075	.0004617	.07893	2.7777
%RSD	.9067712	21.63107	1.772634	1.637774	.9838755	.1632475	1.737681

#1	.0026076	.0022421	10.39167	.1372529	.0466973	48.33246	162.8627
#2	.0025609	.0030762	10.42209	.1341191	.0466246	48.28150	159.2900
#3	.0025881	.0034886	10.09168	.1329926	.0474582	48.43637	157.3922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6701557	3.972588	1.797996	.0329453	.8791851	.0417017	19.32078
Stddev	.0125948	.060633	.007268	.0007543	.0259529	.0013476	.36234
%RSD	1.879380	1.526287	.4042465	2.289691	2.951928	3.231650	1.875368

#1	.6773484	4.011822	1.795443	.0337072	.9088293	.0430264	19.73447
#2	.6775060	4.003189	1.792348	.0329300	.8681673	.0417464	19.05974
#3	.6556128	3.902752	1.806196	.0321987	.8605588	.0403322	19.16815

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6568133	-.328760	.0119908	.3061868	.2501836	.4920670	1.309319
Stddev	.0141947	.007227	.0002515	.0031228	.0059703	.0138957	.006016
%RSD	2.161142	2.198146	2.097713	1.019911	2.386360	2.823949	.4594905

#1	.6676460	-.333192	.0121892	.3039395	.2520631	.5079464	1.309684
#2	.6620496	-.332668	.0120754	.3048684	.2549880	.4861206	1.303129
#3	.6407444	-.320421	.0117079	.3097527	.2434998	.4821338	1.315145

Sample Name: Q1574-01DLX20 Acquired: 3/18/2025 13:41:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	5.099177	.0639791	-.079688
Stddev	.030978	.0011929	.001981
%RSD	.6075161	1.864539	2.485995
#1	5.075759	.0652726	-.081929
#2	5.087469	.0637427	-.078170
#3	5.134303	.0629222	-.078965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.393	67150.01	14617.45	1979.162	4659.209
Stddev	5.227	997.97	162.79	30.778	10.601
%RSD	.1951563	1.486178	1.113651	1.555125	.2275374
#1	2672.374	65998.86	14522.02	1944.624	4655.113
#2	2681.799	67771.29	14524.93	2003.688	4671.248
#3	2681.005	67679.87	14805.42	1989.174	4651.267

Sample Name: LR1 Acquired: 3/18/2025 13:45:07 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0318950	.0679450	.0187879	-.181802	-.009389	1969.697	.0110583
Stddev	.0076206	.0132446	.0029918	.000480	.014097	13.729	.0005563
%RSD	23.89284	19.49318	15.92416	.2639274	150.1452	.6969882	5.030851

#1	.0264945	.0704696	.0155678	-.182158	-.007848	1954.353	.0106310
#2	.0285786	.0536197	.0214815	-.181256	-.024194	1980.817	.0108565
#3	.0406119	.0797456	.0193144	-.181991	.003874	1973.921	.0116873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074194	-.000901	1654.560	.0263058	.0279608	.0513370	950.5683
Stddev	.0000772	.001920	5.361	.0008586	.0005409	.0036335	12.6603
%RSD	1.040747	213.0858	.3240422	3.263798	1.934449	7.077700	1.331868

#1	.0073415	-.002841	1650.394	.0269369	.0279274	.0484809	962.4367
#2	.0074207	.000999	1660.609	.0253282	.0274375	.0554267	937.2423
#3	.0074960	-.000861	1652.678	.0266525	.0285177	.0501035	952.0260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105445	1807.318	.0153324	-.032198	1838.317	.0148056	.1764633
Stddev	.000396	10.702	.0003732	.002404	13.513	.0013474	.0007516
%RSD	.3757535	.5921426	2.434219	7.466811	.7350662	9.100590	.4259334

#1	-.105476	1807.133	.0149933	-.030455	1853.330	.0147622	.1756693
#2	-.105825	1818.111	.0157323	-.034940	1834.489	.0134805	.1765567
#3	-.105034	1796.710	.0152717	-.031197	1827.130	.0161742	.1771638

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1320.570	^ *****	-.007133	-.001234	-.034475	.1394143	.0760001
Stddev	18.044	-----	.000308	.006617	.000641	.0015763	.0018761
%RSD	1.366398	-----	4.321973	536.4067	1.858383	1.130622	2.468585

#1	1341.073	^ -----	-.006850	.002362	-.034588	.1379828	.0769468
#2	1307.106	^ -----	-.007462	.002807	-.035052	.1411036	.0772142
#3	1313.531	^ -----	-.007087	-.008870	-.033786	.1391565	.0738392

Sample Name: LR1 Acquired: 3/18/2025 13:45:07 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	-.205460	.1188265	-.825868
Stddev	.004720	.0066516	.011190
%RSD	2.297163	5.597771	1.354980
#1	-.202001	.1257082	-.836421
#2	-.210837	.1124317	-.814134
#3	-.203542	.1183396	-.827049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.869	47096.89	12367.71	1374.487	2720.803
Stddev	2.844	185.43	52.48	8.841	4.653
%RSD	.1524810	.3937160	.4243129	.6431961	.1710064
#1	1867.139	46924.14	12416.92	1364.793	2723.966
#2	1861.679	47292.82	12312.48	1382.105	2715.460
#3	1865.788	47073.73	12373.73	1376.562	2722.982

Sample Name: LR2 Acquired: 3/18/2025 13:50:04 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0090763	-.005369	225.6876	.0076189	-.003360	.1729363	^F *****
Stddev	.0020577	.003138	.7610	.0020895	.001304	.0025837	----
%RSD	22.67150	58.44287	.3371848	27.42569	38.80180	1.494032	----

#1	.0067421	-.004165	225.3550	.0054087	-.003295	.1754293	^ ----
#2	.0098589	-.008931	225.1496	.0095621	-.004696	.1702705	^ ----
#3	.0106280	-.003012	226.5583	.0078861	-.002090	.1731091	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002556	-.003033	.2617995	.0114193	.0047022	267.3300	.0200599
Stddev	.000039	.000105	.0077381	.0004549	.0003304	1.8088	.0071706
%RSD	1.538286	3.445435	2.955751	3.983142	7.025967	.6766140	35.74618

#1	-.002542	-.003003	.2699382	.0118967	.0047054	267.8176	.0276339
#2	-.002600	-.002947	.2545365	.0113704	.0043703	265.3275	.0133756
#3	-.002525	-.003150	.2609238	.0109909	.0050310	268.8451	.0191702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.91346	-.081245	48.37245	.0016395	.2242346	-.012257	31.82123
Stddev	.19135	.016483	.15515	.0001532	.0237330	.000868	.02618
%RSD	.4357372	20.28739	.3207502	9.344053	10.58399	7.080112	.0822693

#1	44.12075	-.063553	48.31186	.0015504	.2462526	-.012374	31.84086
#2	43.87604	-.084016	48.25674	.0018164	.2273558	-.011336	31.83134
#3	43.74358	-.096167	48.54876	.0015518	.1990955	-.013060	31.79151

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1892267	-.004167	-.007974	-.005548	-.034719	-.013473	.2180511
Stddev	.0340952	.000741	.000172	.000312	.000292	.000490	.0057638
%RSD	18.01819	17.77886	2.154336	5.618678	.8398720	3.638824	2.643319

#1	.2282646	-.004991	-.007800	-.005188	-.034553	-.014013	.2124855
#2	.1741256	-.003557	-.007977	-.005746	-.034548	-.013055	.2239945
#3	.1652899	-.003953	-.008144	-.005709	-.035056	-.013351	.2176734

Sample Name: LR2 Acquired: 3/18/2025 13:50:04 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0288875	-.000547	.0015339
Stddev	.0062045	.000699	.0000104
%RSD	21.47807	127.8956	.6752156
#1	.0254992	.000214	.0015404
#2	.0360484	-.001162	.0015219
#3	.0251149	-.000692	.0015393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.316	68936.55	14870.13	1980.087	4728.077
Stddev	10.128	146.69	52.51	6.588	21.842
%RSD	.4238997	.2127960	.3531003	.3327360	.4619656
#1	2393.119	68868.63	14816.17	1987.668	4737.979
#2	2396.993	68836.13	14921.05	1975.742	4743.214
#3	2377.837	69104.90	14873.16	1976.853	4703.038

Sample Name: Q1590-02 Acquired: 3/18/2025 13:54:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.9395455	.0097879	.5183409	-.016988	.0095659	69.84206
Stddev	.0020729	.0009363	.0006378	.001355	.0019053	.06605
%RSD	.2206230	9.566010	.1230418	7.977072	19.91769	.0945761

#1	.9382080	.0094635	.5190683	-.016309	.0114919	69.76928
#2	.9384951	.0108433	.5180767	-.016105	.0095236	69.89821
#3	.9419332	.0090570	.5178776	-.018548	.0076820	69.85867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.412116	.0081626	-.000862	49.52946	.0624971	1.258743
Stddev	.009110	.0000896	.000079	.20261	.0001929	.002648
%RSD	.2669828	1.097504	9.198061	.4090733	.3087240	.2104021

#1	3.418269	.0081225	-.000942	49.40439	.0622831	1.261504
#2	3.401651	.0082652	-.000858	49.42076	.0625505	1.258502
#3	3.416429	.0081000	-.000784	49.76322	.0626577	1.256224

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1758173	106.8988	25.68422	13.05220	.1806872	.0013084
Stddev	.0006710	.4132	.22518	.07833	.0005146	.0000675
%RSD	.3816195	.3865173	.8767148	.6001334	.2847787	5.159309

#1	.1765701	107.3530	25.47887	12.97578	.1812344	.0013771
#2	.1755995	106.5452	25.64877	13.04849	.1806141	.0012422
#3	.1752823	106.7982	25.92502	13.13231	.1802131	.0013058

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.95992	.3076894	.4949056	25.98131	-.162934	.1491339
Stddev	.26792	.0002465	.0018065	.07834	.001524	.0003577
%RSD	.4622520	.0801038	.3650185	.3015142	.9353395	.2398396

#1	58.23527	.3074171	.4969900	26.06745	-.161835	.1489975
#2	57.94438	.3077538	.4937940	25.91433	-.162293	.1495398
#3	57.70011	.3078973	.4939328	25.96215	-.164673	.1488646

Sample Name: Q1590-02 Acquired: 3/18/2025 13:54:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.0043999	.7710803	4.046282	F 17.71844	3.647493	.1031261
Stddev	.0002602	.0012098	.137383	.05139	.014620	.0004758
%RSD	5.914192	.1568946	3.395285	.2900483	.4008215	.4613388
#1	.0041153	.7698770	4.171607	17.76879	3.663862	.1036113
#2	.0046258	.7710676	4.067847	17.72045	3.642885	.1031067
#3	.0044585	.7722965	3.899392	17.66607	3.635733	.1026604

Elem	Sr4077
Units	ppm
Avg	3.321529
Stddev	.027326
%RSD	.8226855
#1	3.305113
#2	3.306400
#3	3.353073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.542	85484.30	19048.96	2555.954	4472.165
Stddev	2.549	101.45	70.81	3.870	8.609
%RSD	.0741594	.1186754	.3717324	.1513957	.1925128
#1	3433.599	85369.70	19120.37	2552.223	4462.459
#2	3438.034	85520.56	19047.75	2555.689	4475.156
#3	3437.993	85562.64	18978.76	2559.949	4478.880

Sample Name: Q1590-02DUP Acquired: 3/18/2025 13:58:51 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.9399282	.0085250	.5154249	-.018049	.0111790	68.79454
Stddev	.0031594	.0031862	.0011085	.001847	.0005813	.01888
%RSD	.3361337	37.37426	.2150670	10.23370	5.199873	.0274441

#1	.9364133	.0061504	.5142115	-.015956	.0112888	68.81425
#2	.9425318	.0121460	.5156787	-.019449	.0105506	68.79274
#3	.9408395	.0072787	.5163844	-.018743	.0116975	68.77662

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.393694	.0079466	-.001018	48.75536	.0629512	1.252952
Stddev	.041336	.0000977	.000108	.16985	.0005377	.002677
%RSD	1.218038	1.229463	10.57468	.3483795	.8541719	.2136339

#1	3.422205	.0080528	-.001138	48.92580	.0631573	1.250622
#2	3.346287	.0078604	-.000928	48.58610	.0623409	1.252359
#3	3.412591	.0079266	-.000989	48.75418	.0633553	1.255876

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711349	107.2929	25.16817	12.82862	.1791220	.0015108
Stddev	.0002859	.3047	.35184	.03697	.0005641	.0003225
%RSD	.1670592	.2840221	1.397959	.2882020	.3149381	21.34925

#1	.1710477	107.4764	25.57390	12.86262	.1786491	.0011385
#2	.1714543	106.9411	24.94707	12.78926	.1789705	.0016892
#3	.1709028	107.4611	24.98355	12.83398	.1797464	.0017047

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.37295	.3027682	.4896732	26.45491	-.157339	.1509973
Stddev	.14265	.0008748	.0032309	.00931	.001027	.0004228
%RSD	.2402542	.2889365	.6598094	.0352104	.6526026	.2800096

#1	59.21384	.3032709	.4873629	26.45234	-.157865	.1507750
#2	59.41562	.3017580	.4882916	26.44715	-.156156	.1507321
#3	59.48940	.3032755	.4933652	26.46524	-.157996	.1514849

Sample Name: Q1590-02DUP Acquired: 3/18/2025 13:58:51 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.0039546	.7612345	3.071422	F 17.47656	3.599060	.1017818
Stddev	.0003257	.0024717	.021721	.03650	.008269	.0003267
%RSD	8.234959	.3246922	.7072110	.2088351	.2297428	.3209740
#1	.0043285	.7628308	3.048418	17.43929	3.592180	.1014211
#2	.0037326	.7583874	3.074266	17.47814	3.608233	.1020578
#3	.0038028	.7624851	3.091581	17.51224	3.596768	.1018666

Elem	Sr4077
Units	ppm
Avg	3.315976
Stddev	.008958
%RSD	.2701481
#1	3.315836
#2	3.307089
#3	3.325004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.795	85112.34	19658.39	2506.504	4490.773
Stddev	.665	224.09	94.21	14.310	2.293
%RSD	.0192737	.2632913	.4792342	.5709169	.0510645
#1	3452.271	85022.69	19562.41	2515.977	4493.196
#2	3452.569	85367.38	19750.73	2513.493	4488.637
#3	3453.543	84946.95	19662.04	2490.043	4490.485

Sample Name: Q1590-02LX5 Acquired: 3/18/2025 14:03:15 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.2381593	-.002279	.1123727	-.004958	.0045843	17.72869	.8369811
Stddev	.0031994	.002337	.0014139	.003608	.0015085	.01703	.0019402
%RSD	1.343402	102.5087	1.258186	72.77510	32.90595	.0960788	.2318098

#1	.2345239	.000317	.1139989	-.007120	.0060769	17.71209	.8391818
#2	.2405465	-.004213	.1114345	-.000793	.0046157	17.72786	.8362443
#3	.2394076	-.002942	.1116846	-.006962	.0030603	17.74613	.8355173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022061	-.001239	12.71143	.0164983	.2666653	.0462426	27.05270
Stddev	.0000351	.000039	.02874	.0001014	.0002111	.0002847	.10440
%RSD	1.591779	3.164562	.2260975	.6147503	.0791686	.6156977	.3859059

#1	.0021692	-.001205	12.72226	.0164703	.2664244	.0463080	27.16131
#2	.0022391	-.001230	12.73318	.0166109	.2668183	.0464889	27.04370
#3	.0022100	-.001282	12.67884	.0164139	.2667531	.0459308	26.95309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.603556	3.357093	.0381672	.0003649	14.57776	.0779235	.1228811
Stddev	.006724	.009653	.0002398	.0000870	.07768	.0010543	.0008207
%RSD	.1018277	.2875478	.6281714	23.83309	.5328796	1.353053	.6678539

#1	6.610893	3.349531	.0384404	.0004653	14.59092	.0773082	.1231373
#2	6.597687	3.353782	.0380693	.0003109	14.64803	.0773214	.1235431
#3	6.602089	3.367966	.0379919	.0003187	14.49434	.0791410	.1219629

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.349312	-.046712	.0388308	-.000208	.1958935	.7941596	3.688540
Stddev	.040044	.000890	.0000751	.000462	.0010187	.0067666	.007209
%RSD	.6306899	1.904803	.1933118	222.5943	.5200148	.8520417	.1954354

#1	6.381442	-.046876	.0389022	-.000177	.1957814	.8019464	3.688179
#2	6.362044	-.045752	.0387525	-.000684	.1949355	.7908234	3.681518
#3	6.304449	-.047509	.0388375	.000239	.1969635	.7897090	3.695922

Sample Name: Q1590-02LX5 Acquired: 3/18/2025 14:03:15 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.7341118	.0245776	.8588012
Stddev	.0054924	.0010765	.0019376
%RSD	.7481679	4.380076	.2256140
#1	.7402479	.0234126	.8603000
#2	.7324324	.0255356	.8594903
#3	.7296552	.0247846	.8566132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.895	70633.56	15756.17	2088.065	4727.942
Stddev	6.879	168.34	43.23	11.226	12.564
%RSD	.2365461	.2383341	.2743603	.5376100	.2657314
#1	2904.891	70544.48	15770.05	2086.925	4719.517
#2	2903.029	70528.47	15790.76	2077.453	4721.925
#3	2915.764	70827.73	15707.71	2099.818	4742.382

Sample Name: CCV04 Acquired: 3/18/2025 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.771050	4.804312	4.663209	4.755478	4.822859	9.260400
Stddev	.015210	.034125	.006534	.009978	.009406	.033787
%RSD	.3188032	.7102909	.1401170	.2098125	.1950353	.3648564

#1	4.761682	4.797435	4.657459	4.745293	4.812246	9.286650
#2	4.762866	4.841352	4.661855	4.755907	4.826163	9.222279
#3	4.788600	4.774150	4.670314	4.765235	4.830166	9.272270

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.511911	.2254935	2.312129	23.54414	.9812277	2.301790
Stddev	.091131	.0013224	.004940	.08802	.0017672	.004604
%RSD	.9580690	.5864381	.2136687	.3738494	.1801011	.2000317

#1	9.617104	.2263599	2.306894	23.59984	.9793037	2.296966
#2	9.461682	.2239714	2.312786	23.44267	.9816008	2.302268
#3	9.456947	.2261492	2.316709	23.58993	.9827785	2.306138

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.181792	5.044897	2.700521	25.23096	2.298972	1.189344
Stddev	.003000	.003302	.005758	.13080	.006014	.000358
%RSD	.2538306	.0654445	.2132306	.5183926	.2616000	.0301262

#1	1.178425	5.041492	2.699796	25.29698	2.292449	1.188942
#2	1.182772	5.045116	2.695160	25.08031	2.300170	1.189463
#3	1.184179	5.048084	2.706608	25.31558	2.304297	1.189629

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.71304	2.253138	2.331334	23.39056	F 4.429588	4.780578
Stddev	.08542	.008057	.007079	.10578	.036393	.013577
%RSD	.3602409	.3575798	.3036565	.4522148	.8215898	.2840077

#1	23.64681	2.254889	2.339128	23.27207	4.453287	4.765413
#2	23.80946	2.244349	2.329573	23.47547	4.387685	4.784715
#3	23.68286	2.260174	2.325302	23.42415	4.447793	4.791605

Sample Name: CCV04 Acquired: 3/18/2025 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665183	F 4.381162	4.912415	4.743466	4.574399	F 4.167334
Stddev	.011696	.011807	.027020	.011786	.013542	.013706
%RSD	.2507059	.2694940	.5500304	.2484683	.2960477	.3288835
#1	4.651679	4.387083	4.881753	4.733960	4.570841	4.167780
#2	4.672034	4.367567	4.922753	4.756653	4.589365	4.153411
#3	4.671838	4.388838	4.932739	4.739785	4.562991	4.180812

Elem	Sr4077
Units	ppm
Avg	F 4.338843
Stddev	.022616
%RSD	.5212433
#1	4.313692
#2	4.357505
#3	4.345333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.279	67873.06	14287.03	2020.309	4630.522
Stddev	.673	112.44	84.33	5.534	1.947
%RSD	.0245519	.1656593	.5902845	.2739305	.0420400
#1	2740.046	67995.70	14261.94	2021.309	4630.223
#2	2738.998	67848.65	14381.06	2014.343	4628.742
#3	2738.793	67774.83	14218.08	2025.275	4632.601

Sample Name: CCB04 Acquired: 3/18/2025 14:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0008777	-.002846	-.000088	.0009689	.0023717	.0079333	.0005104
Stddev	.0024826	.000481	.001636	.0031999	.0001106	.0065776	.0004224
%RSD	282.8608	16.89446	1854.104	330.2685	4.663423	82.91214	82.76477
#1	-.001602	-.003400	.001228	.0035313	.0022474	.0035890	.0004429
#2	.003363	-.002535	.000427	.0019930	.0024083	.0155009	.0009625
#3	.000871	-.002603	-.001920	-.002618	.0024594	.0047099	.0001258
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000821	-.000004	-.002430	.0000783	.0001146	.0000689	-.002945
Stddev	.0000998	.000087	.002841	.0006639	.0000727	.0002592	.001249
%RSD	121.5216	2367.387	116.9279	847.5954	63.38013	376.3239	42.41102
#1	.0000170	-.000030	-.004602	.0007859	.0001712	.0002520	-.003809
#2	.0000323	.000093	-.003473	-.000020	.0001401	-.000228	-.001513
#3	.0001970	-.000075	.000785	-.000531	.0000327	.000182	-.003512
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000754	-.001105	.0002810	.0005503	.0278353	-.001428	-.000062
Stddev	.000464	.008584	.0001984	.0003057	.0055495	.000907	.000278
%RSD	61.57404	777.1917	70.61015	55.54610	19.93699	63.50445	446.6291
#1	-.000224	.001068	.0003779	.0008287	.0265278	-.000400	-.000382
#2	-.001090	-.010566	.0004123	.0005991	.0230562	-.001773	.000083
#3	-.000947	.006185	.0000528	.0002232	.0339218	-.002113	.000113
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029039	-.004105	-.000019	.0001198	.0012867	-.000435	-.004474
Stddev	.019691	.000417	.000194	.0006717	.0006040	.003345	.000863
%RSD	67.81032	10.16068	999.4084	560.8514	46.94060	769.3977	19.29927
#1	-.047151	-.004411	-.000240	.0008858	.0006979	-.003549	-.005447
#2	-.031886	-.003630	.000125	-.000158	.0019048	.003101	-.004177
#3	-.008079	-.004273	.000057	-.000369	.0012574	-.000856	-.003799

Sample Name: CCB04 Acquired: 3/18/2025 14:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	-.000293	-.002196	.0000263
Stddev	.003172	.000750	.0000233
%RSD	1082.287	34.16834	88.94737
#1	.002030	-.002972	.0000039
#2	.000998	-.001475	.0000243
#3	-.003907	-.002140	.0000505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.045	68824.97	14754.63	2046.453	4994.488
Stddev	2.717	273.28	16.12	6.689	3.274
%RSD	.0967035	.3970629	.1092342	.3268614	.0655437
#1	2810.590	68540.20	14773.23	2041.142	4996.671
#2	2807.096	68849.61	14744.79	2044.250	4990.724
#3	2812.448	69085.09	14745.88	2053.965	4996.068

Sample Name: Q1590-02MS Acquired: 3/18/2025 14:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.502959	1.757825	1.019229	1.354689	.2229541	85.75714
Stddev	.022516	.023781	.023229	.020980	.0026543	.12056
%RSD	1.498105	1.352850	2.279107	1.548709	1.190531	.1405816
#1	1.476989	1.730923	.992766	1.330485	.2199606	85.73203
#2	1.514885	1.766507	1.028671	1.367682	.2238814	85.88828
#3	1.517003	1.776044	1.036251	1.365900	.2250205	85.65112
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.731990	.1403538	.1772877	46.57970	.3704678	.2406954
Stddev	.002659	.0001204	.0045197	.11949	.0006096	.0055933
%RSD	.1535404	.0857471	2.549364	.2565269	.1645534	2.323805
#1	1.729338	.1403837	.1721816	46.71005	.3711079	.2342525
#2	1.734656	.1402213	.1789063	46.55371	.3704015	.2435277
#3	1.731978	.1404564	.1807753	46.47535	.3698941	.2443061
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3797517	127.4929	1.621980	14.74243	.5658469	.0435885
Stddev	.0070743	.1168	.006288	.04599	.0121135	.0001395
%RSD	1.862884	.0916235	.3876786	.3119785	2.140765	.3200478
#1	.3716941	127.5772	1.614869	14.77751	.5519985	.0435646
#2	.3826179	127.5419	1.624268	14.69036	.5710675	.0434624
#3	.3849432	127.3595	1.626804	14.75941	.5744746	.0437384
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.92330	.4032592	.6660280	36.42779	-.117878	.2656575
Stddev	.10511	.0014662	.0017562	.04540	.000777	.0040473
%RSD	.1461367	.3635838	.2636831	.1246372	.6589789	1.523516
#1	71.92646	.4035178	.6664883	36.40776	-.117000	.2610039
#2	72.02679	.4016810	.6675083	36.47977	-.118475	.2676116
#3	71.81665	.4045789	.6640875	36.39585	-.118160	.2683571

Sample Name: Q1590-02MS Acquired: 3/18/2025 14:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6315747	.9653456	3.715998	F 18.56541	3.446393	.1972386
Stddev	.0122201	.0012543	.043842	.40889	.068111	.0007500
%RSD	1.934864	.1299330	1.179809	2.202434	1.976294	.3802278
#1	.6177786	.9640392	3.706906	18.09626	3.368204	.1971468
#2	.6359075	.9654571	3.677415	18.75405	3.478137	.1965387
#3	.6410382	.9665404	3.763672	18.84593	3.492836	.1980302

Elem	Sr4077
Units	ppm
Avg	2.729444
Stddev	.020504
%RSD	.7512190
#1	2.731146
#2	2.749044
#3	2.708142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.902	82255.68	18943.46	2417.903	4435.926
Stddev	48.768	136.20	21.33	4.679	85.538
%RSD	1.455366	.1655869	.1126123	.1935251	1.928306
#1	3407.208	82098.68	18925.47	2412.646	4534.153
#2	3322.005	82326.19	18967.03	2419.448	4395.784
#3	3323.494	82342.18	18937.88	2421.614	4377.843

Sample Name: Q1590-02MSD Acquired: 3/18/2025 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.501088	1.769738	1.017942	1.350818	.2264828	84.20054
Stddev	.004518	.007076	.001257	.001152	.0009401	.14327
%RSD	.3009718	.3998470	.1234806	.0852919	.4151085	.1701542

#1	1.496613	1.762703	1.016558	1.351894	.2254184	84.05542
#2	1.505647	1.769655	1.018257	1.350956	.2268301	84.20431
#3	1.501004	1.776855	1.019012	1.349603	.2271999	84.34189

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.732852	.1388291	.1779120	45.23367	.3650323	.2406146
Stddev	.003227	.0001525	.0002579	.04454	.0013174	.0005534
%RSD	.1862093	.1098858	.1449538	.0984559	.3608876	.2299782

#1	1.730457	.1387815	.1776263	45.18458	.3647772	.2405064
#2	1.731577	.1389998	.1779820	45.24497	.3664585	.2401233
#3	1.736521	.1387060	.1781277	45.27147	.3638611	.2412140

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3842136	124.3729	1.632472	14.58883	.5680864	.0422787
Stddev	.0011834	.1807	.004680	.01968	.0014663	.0005062
%RSD	.3080043	.1452904	.2866954	.1348715	.2581177	1.197286

#1	.3830006	124.3856	1.635594	14.57457	.5670586	.0422733
#2	.3842752	124.5470	1.634731	14.61128	.5697655	.0417752
#3	.3853650	124.1862	1.627090	14.58065	.5674350	.0427876

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.89479	.4008507	.6106992	35.84802	-.115266	.2708478
Stddev	.07525	.0020104	.0040137	.10475	.002605	.0001531
%RSD	.1076629	.5015228	.6572319	.2922105	2.260256	.0565172

#1	69.97618	.3995583	.6088922	35.96896	-.113152	.2709314
#2	69.88044	.4031669	.6152988	35.78580	-.114470	.2709408
#3	69.82774	.3998270	.6079067	35.78930	-.118176	.2706711

Sample Name: Q1590-02MSD Acquired: 3/18/2025 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6328087	.9607080	3.124072	F 18.54675	3.420824	.1950677
Stddev	.0003450	.0004959	.024967	.03714	.001327	.0003723
%RSD	.0545131	.0516127	.7991964	.2002406	.0387910	.1908415
#1	.6331422	.9605166	3.104411	18.50435	3.420340	.1947580
#2	.6324533	.9612711	3.115641	18.57352	3.419807	.1954807
#3	.6328307	.9603365	3.152163	18.56238	3.422325	.1949643

Elem	Sr4077
Units	ppm
Avg	2.750374
Stddev	.018625
%RSD	.6771972
#1	2.740680
#2	2.771847
#3	2.738595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.587	85031.67	19261.21	2509.557	4454.997
Stddev	1.529	133.28	23.21	10.396	2.726
%RSD	.0456184	.1567445	.1204871	.4142493	.0611914
#1	3352.635	84965.83	19287.72	2516.543	4454.131
#2	3354.092	84944.12	19244.58	2497.610	4452.809
#3	3351.034	85185.06	19251.33	2514.519	4458.051

Sample Name: Q1590-02A Acquired: 3/18/2025 14:32:39 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.433441	1.419312	1.220266	1.131809	.3347254	70.84335
Stddev	.083241	.265842	.131625	.220137	.0617490	.10044
%RSD	5.807084	18.73036	10.78663	19.45004	18.44767	.1417798

#1	1.349715	1.153673	1.092302	.915104	.2766101	70.94959
#2	1.434420	1.418904	1.213225	1.125098	.3280074	70.83051
#3	1.516189	1.685357	1.355270	1.355225	.3995588	70.74994

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.132848	.0683042	.1449694	47.67496	.1999914	1.420762
Stddev	.056993	.0078852	.0273266	.21971	.0179433	.021635
%RSD	1.379026	11.54428	18.84991	.4608557	8.972020	1.522750

#1	4.133185	.0605358	.1181042	47.92843	.1819605	1.399393
#2	4.075687	.0680755	.1440690	47.53877	.2001680	1.420242
#3	4.189671	.0763013	.1727352	47.55768	.2178457	1.442653

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3572229	97.59071	21.88754	11.91001	.5480222	.0248358
Stddev	.0327190	.29712	.20731	.10342	.0681163	.0031927
%RSD	9.159260	.3044579	.9471532	.8683195	12.42949	12.85515

#1	.3255590	97.91422	21.86170	11.81375	.4819606	.0217472
#2	.3552062	97.33002	22.10656	11.89694	.5440836	.0246368
#3	.3909036	97.52789	21.69436	12.01935	.6180224	.0281232

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.48081	.3586807	.6026407	27.64666	-.082098	.3076269
Stddev	.12626	.0170540	.0093054	.56655	.011479	.0309296
%RSD	.2087578	4.754658	1.544109	2.049249	13.98243	10.05427

#1	60.37712	.3418886	.5920595	27.09159	-.094114	.2788666
#2	60.62141	.3581683	.6063131	27.62437	-.080935	.3036691
#3	60.44390	.3759852	.6095497	28.22403	-.071244	.3403449

Sample Name: Q1590-02A Acquired: 3/18/2025 14:32:39 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.3484358	.8104368	4.404623	F 22.46592	3.768387	.1322614
Stddev	.0666766	.0048815	.022403	.72762	.018973	.0125221
%RSD	19.13596	.6023323	.5086250	3.238753	.5034806	9.467664
#1	.2866865	.8057613	4.430440	21.76575	3.786888	.1199216
#2	.3394856	.8100482	4.393128	22.41383	3.769298	.1319046
#3	.4191354	.8155011	4.390300	23.21818	3.748975	.1449581

Elem	Sr4077
Units	ppm
Avg	3.364492
Stddev	.017405
%RSD	.5173070
#1	3.384527
#2	3.355849
#3	3.353101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.591	86023.83	19575.59	2551.874	4407.879
Stddev	3.832	74.01	30.33	8.956	6.294
%RSD	.1132834	.0860388	.1549463	.3509510	.1427929
#1	3378.516	85987.89	19545.43	2560.205	4401.144
#2	3383.135	85974.66	19606.09	2542.403	4408.879
#3	3386.121	86108.96	19575.24	2553.015	4413.613

Sample Name: Q1592-01 Acquired: 3/18/2025 14:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0819642	.0047710	.4250399	-.023196	-.001464	64.20662	.4497949
Stddev	.0023148	.0015885	.0055432	.003114	.001851	.22443	.0035445
%RSD	2.824154	33.29496	1.304167	13.42327	126.4029	.3495450	.7880273
#1	.0805687	.0051057	.4187630	-.022389	-.001898	64.25174	.4536962
#2	.0846362	.0030418	.4292636	-.026634	-.003060	63.96306	.4467726
#3	.0806877	.0061654	.4270931	-.020566	.000565	64.40507	.4489159
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073343	-.005162	111.0217	.2104306	.0570020	.1527307	176.2507
Stddev	.0000675	.000230	.4710	.0001612	.0005552	.0010647	.6548
%RSD	.9202122	4.462349	.4242470	.0766298	.9740688	.6971178	.3715364
#1	.0073286	-.005423	111.3109	.2104333	.0569657	.1522675	176.9913
#2	.0072698	-.005072	110.4782	.2105905	.0575745	.1539486	176.0121
#3	.0074044	-.004989	111.2760	.2102680	.0564658	.1519761	175.7486
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.679733	23.97875	.1031765	-.001262	2.799222	.2400318	.8821300
Stddev	.007441	.12083	.0002316	.000229	.007226	.0024747	.0023738
%RSD	.4429999	.5039102	.2245152	18.13317	.2581502	1.030967	.2690987
#1	1.687673	24.01791	.1029830	-.001027	2.806876	.2386675	.8847580
#2	1.672919	23.84319	.1034332	-.001484	2.798274	.2385395	.8814905
#3	1.678606	24.07514	.1031133	-.001274	2.792517	.2428883	.8801414
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02006	-.385978	.0114057	.0062557	.9271299	5.597140	8.723839
Stddev	.09309	.003343	.0002395	.0004740	.0031629	.048359	.067966
%RSD	.8447008	.8660338	2.100083	7.577759	.3411498	.8639941	.7790865
#1	11.11457	-.385733	.0113340	.0062005	.9307690	5.541949	8.681006
#2	11.01716	-.382764	.0116729	.0067550	.9255781	5.617383	8.802207
#3	10.92847	-.389436	.0112103	.0058117	.9250425	5.632087	8.688305

Sample Name: Q1592-01 Acquired: 3/18/2025 14:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	7.343820	.1116823	.3173416
Stddev	.037476	.0000551	.0026200
%RSD	.5103117	.0493268	.8256019
#1	7.313160	.1117073	.3196705
#2	7.385597	.1117204	.3145049
#3	7.332702	.1116191	.3178494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.145	71137.13	16341.66	2104.342	4348.874
Stddev	16.159	134.03	68.25	2.973	23.894
%RSD	.5810263	.1884167	.4176625	.1412734	.5494226
#1	2788.048	71048.51	16328.74	2101.902	4360.034
#2	2762.680	71071.56	16415.45	2107.653	4321.442
#3	2792.705	71291.33	16280.79	2103.472	4365.146

Sample Name: PB167179BL Acquired: 3/18/2025 14:41:10 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	-.000403	-.002377	-.000857	-.000144	.0023176	.0047681	-.000404
Stddev	.001275	.002765	.000507	.003647	.0020896	.0037942	.001052
%RSD	316.1666	116.3348	59.17492	2537.960	90.16308	79.57524	260.3201

#1	-.001874	-.002030	-.000389	.003290	.0047294	.0011540	-.001483
#2	.000397	.000198	-.001397	-.003971	.0011708	.0044304	-.000347
#3	.000267	-.005300	-.000787	.000250	.0010524	.0087199	.000618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001230	-.000044	-.010682	.0000612	.0001695	-.000144	.0088580
Stddev	.0000251	.000013	.003906	.0004724	.0001440	.000073	.0057381
%RSD	20.42479	28.64377	36.56588	772.4137	84.95502	50.44301	64.77803

#1	.0001326	-.000030	-.010650	.0002851	.0001296	-.000061	.0022578
#2	.0001420	-.000053	-.006792	-.000482	.0000497	-.000197	.0126607
#3	.0000945	-.000049	-.014603	.000380	.0003292	-.000175	.0116557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002830	.0129392	.0002182	.0005480	.0196967	-.000440	-.000435
Stddev	.000319	.0187711	.0002413	.0001224	.0100468	.000875	.000212
%RSD	11.26287	145.0714	110.5712	22.34399	51.00767	199.0819	48.73416

#1	-.002470	.0005688	.0003338	.0004743	.0084942	.000147	-.000454
#2	-.003075	.0345382	-.000059	.0004803	.0226869	-.001446	-.000214
#3	-.002946	.0037107	.000380	.0006894	.0279088	-.000021	-.000636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030663	-.005863	-.000068	-.000555	.0006354	.0010457	-.002789
Stddev	.021340	.000380	.000119	.000375	.0004605	.0023098	.000634
%RSD	69.59705	6.488300	174.0531	67.51445	72.47328	220.8884	22.74387

#1	-.011968	-.005618	-.000064	-.000409	.0006576	-.000622	-.003486
#2	-.053913	-.005669	-.000189	-.000982	.0010845	.000077	-.002247
#3	-.026106	-.006301	.000048	-.000276	.0001643	.003682	-.002634

Sample Name: PB167179BL Acquired: 3/18/2025 14:41:10 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0029484	-.002702	.0000244
Stddev	.0052883	.000244	.0000284
%RSD	179.3602	9.029530	116.2534
#1	-.001292	-.002546	.0000559
#2	.008874	-.002984	.0000009
#3	.001263	-.002578	.0000165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.399	69139.45	15185.79	2060.072	4975.359
Stddev	4.257	358.02	49.12	20.384	14.943
%RSD	.1519210	.5178211	.3234590	.9894811	.3003461
#1	2797.943	69543.30	15242.29	2083.050	4965.129
#2	2802.829	69014.03	15161.87	2053.002	4968.441
#3	2806.425	68861.01	15153.22	2044.165	4992.508

Sample Name: PB167179BS Acquired: 3/18/2025 14:45:29 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.7465904	1.912145	.9021116	1.891056	.7755730	1.815153
Stddev	.0046966	.012021	.0019304	.011217	.0038995	.008025
%RSD	.6290745	.6286640	.2139908	.5931795	.5027895	.4420988

#1	.7431734	1.905450	.8999292	1.880808	.7715704	1.811927
#2	.7446518	1.904963	.9028098	1.889320	.7757880	1.824289
#3	.7519460	1.926023	.9035957	1.903040	.7793606	1.809244

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2014750	.1752701	.1804022	.8670938	.3922856	.1828452
Stddev	.0007201	.0004249	.0007241	.0044197	.0049390	.0006731
%RSD	.3574071	.2424095	.4013743	.5097185	1.259019	.3681483

#1	.2022769	.1748322	.1798831	.8689699	.3917260	.1823052
#2	.2008837	.1752975	.1800942	.8702661	.3974804	.1826312
#3	.2012645	.1756806	.1812294	.8620455	.3876502	.1835994

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2935657	2.684279	.1793277	1.735320	.4584559	.0721863
Stddev	.0018347	.025454	.0004443	.013844	.0017616	.0007549
%RSD	.6249620	.9482636	.2477491	.7977781	.3842412	1.045708

#1	.2917666	2.687013	.1794862	1.732002	.4571755	.0720773
#2	.2934966	2.708256	.1796709	1.723437	.4577273	.0729897
#3	.2954340	2.657568	.1788259	1.750522	.4604649	.0714918

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.839389	.2636720	.1909091	8.719075	.2450509	.3853033
Stddev	.049780	.0007480	.0020038	.121351	.0009674	.0027731
%RSD	1.753194	.2836942	1.049592	1.391786	.3947665	.7197321

#1	2.843126	.2645303	.1909098	8.753528	.2444606	.3835252
#2	2.887195	.2631588	.1929125	8.819473	.2445249	.3838861
#3	2.787846	.2633269	.1889049	8.584222	.2461674	.3884987

Sample Name: PB167179BS Acquired: 3/18/2025 14:45:29 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6411762	.1718681	.7530819	5.420045	F -.004739	.1651139
Stddev	.0013252	.0008243	.0082567	.019851	.000754	.0007250
%RSD	.2066876	.4796150	1.096393	.3662519	15.91537	.4391196
#1	.6406402	.1715040	.7617146	5.418494	-.004031	.1656385
#2	.6402030	.1728118	.7522701	5.401015	-.004653	.1654167
#3	.6426855	.1712886	.7452611	5.440626	-.005533	.1642865

Elem	Sr4077
Units	ppm
Avg	.1677181
Stddev	.0009984
%RSD	.5952843
#1	.1685494
#2	.1679941
#3	.1666107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.333	70248.87	14976.27	2080.156	4949.280
Stddev	4.226	544.58	27.78	14.189	3.316
%RSD	.1509753	.7752164	.1854918	.6821223	.0670015
#1	2800.591	70302.74	14978.03	2074.968	4946.981
#2	2802.788	69679.36	15003.12	2069.291	4953.081
#3	2794.621	70764.51	14947.65	2096.209	4947.778

Sample Name: CCV05 Acquired: 3/18/2025 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919950	4.900528	4.791358	4.903472	4.966567	9.410571
Stddev	.008841	.026587	.009089	.008916	.012214	.030964
%RSD	.1796991	.5425258	.1896971	.1818260	.2459252	.3290338
#1	4.928026	4.917374	4.795485	4.911832	4.969964	9.445336
#2	4.921319	4.914332	4.780937	4.904495	4.976724	9.385957
#3	4.910504	4.869879	4.797651	4.894089	4.953014	9.400419

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79737	.2266868	2.373182	22.91116	1.003221	2.365935
Stddev	.18262	.0011027	.006119	.01539	.000712	.002033
%RSD	1.691333	.4864435	.2578344	.0671892	.0709704	.0859169
#1	10.98476	.2274315	2.379140	22.91322	1.003030	2.367868
#2	10.78740	.2272089	2.366914	22.92542	1.004009	2.363816
#3	10.61993	.2254200	2.373493	22.89484	1.002624	2.366122

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.220403	4.722690	2.361927	22.61620	2.364214	1.232512
Stddev	.002459	.015738	.003857	.01757	.004226	.000319
%RSD	.2014729	.3332461	.1632799	.0777094	.1787408	.0258942
#1	1.223242	4.709932	2.360448	22.62476	2.369025	1.232680
#2	1.218970	4.740277	2.359028	22.62785	2.361104	1.232712
#3	1.218997	4.717861	2.366304	22.59598	2.362512	1.232144

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.05053	2.306897	2.443414	23.87406	F 4.473342	4.904376
Stddev	.03987	.000758	.006819	.04279	.017084	.011433
%RSD	.1591615	.0328384	.2790933	.1792501	.3819108	.2331118
#1	25.02764	2.307032	2.450888	23.83205	4.491016	4.916602
#2	25.02738	2.307577	2.437531	23.87254	4.472093	4.902577
#3	25.09657	2.306080	2.441822	23.91759	4.456917	4.893950

Sample Name: CCV05 Acquired: 3/18/2025 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781896	4.512334	5.189807	4.922227	4.748794	F 4.300914
Stddev	.011264	.004926	.022967	.004692	.008358	.008745
%RSD	.2355642	.1091683	.4425401	.0953325	.1760104	.2033249
#1	4.794404	4.517992	5.166566	4.927643	4.757451	4.310219
#2	4.772552	4.509001	5.190367	4.919640	4.748162	4.292866
#3	4.778731	4.510008	5.212490	4.919397	4.740770	4.299656

Elem	Sr4077
Units	ppm
Avg	4.525551
Stddev	.027842
%RSD	.6152180
#1	4.550283
#2	4.530972
#3	4.495397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.969	67599.74	14670.86	2019.942	4614.968
Stddev	2.311	202.51	48.64	2.787	3.836
%RSD	.0846353	.2995712	.3315120	.1379828	.0831245
#1	2728.640	67757.68	14658.42	2018.156	4614.030
#2	2731.005	67371.44	14629.66	2018.517	4619.186
#3	2733.262	67670.12	14724.51	2023.154	4611.688

Sample Name: CCB05 Acquired: 3/18/2025 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012667	-.001141	-.000120	-.000787	.0013572	-.001388	.0008297
Stddev	.0011720	.000472	.000140	.002474	.0010953	.005074	.0008044
%RSD	92.52428	41.32416	116.8164	314.1273	80.70187	365.5921	96.95090

#1	.0026195	-.000686	-.000120	.001522	.0017924	-.005649	.0008271
#2	.0006199	-.001110	.000020	-.003398	.0001112	.004226	.0016353
#3	.0005606	-.001628	-.000259	-.000486	.0021681	-.002741	.0000266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	.0000436	-.010381	.0001950	-.000057	.0000882	.0026112
Stddev	.0000369	.0001044	.002435	.0001863	.000204	.0004753	.0035891
%RSD	47.37659	239.7296	23.45132	95.54754	359.9877	538.8364	137.4480

#1	.0001072	-.000040	-.011256	-.000006	.000110	-.000460	.0067535
#2	.0000899	.000161	-.012258	.000362	.000005	.000385	.0004250
#3	.0000364	.000009	-.007630	.000229	-.000284	.000339	.0006553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002750	.0033790	.0002937	.0005400	.0030565	-.000431	-.000026
Stddev	.000263	.0062394	.0002991	.0004314	.0065411	.000722	.000237
%RSD	9.548032	184.6537	101.8355	79.89502	214.0050	167.4225	925.8910

#1	-.002925	.0069860	.0006239	.0007013	.0093603	-.001201	-.000062
#2	-.002878	-.003826	.0002161	.0008675	.0035080	.000230	.000227
#3	-.002448	.006977	.0000411	.0000512	-.003699	-.000323	-.000242

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054603	.0002067	.0002802	-.000714	.0008288	.0032393	-.004478
Stddev	.015390	.0001857	.0000348	.000395	.0003313	.0046469	.002405
%RSD	28.18488	89.79795	12.41901	55.29926	39.97855	143.4558	53.70126

#1	-.070087	-.000004	.0002498	-.000667	.0004862	.0034265	-.006998
#2	-.054413	.000344	.0002727	-.001131	.0011476	.0077897	-.002208
#3	-.039309	.000281	.0003182	-.000345	.0008525	-.001498	-.004228

Sample Name: CCB05 Acquired: 3/18/2025 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

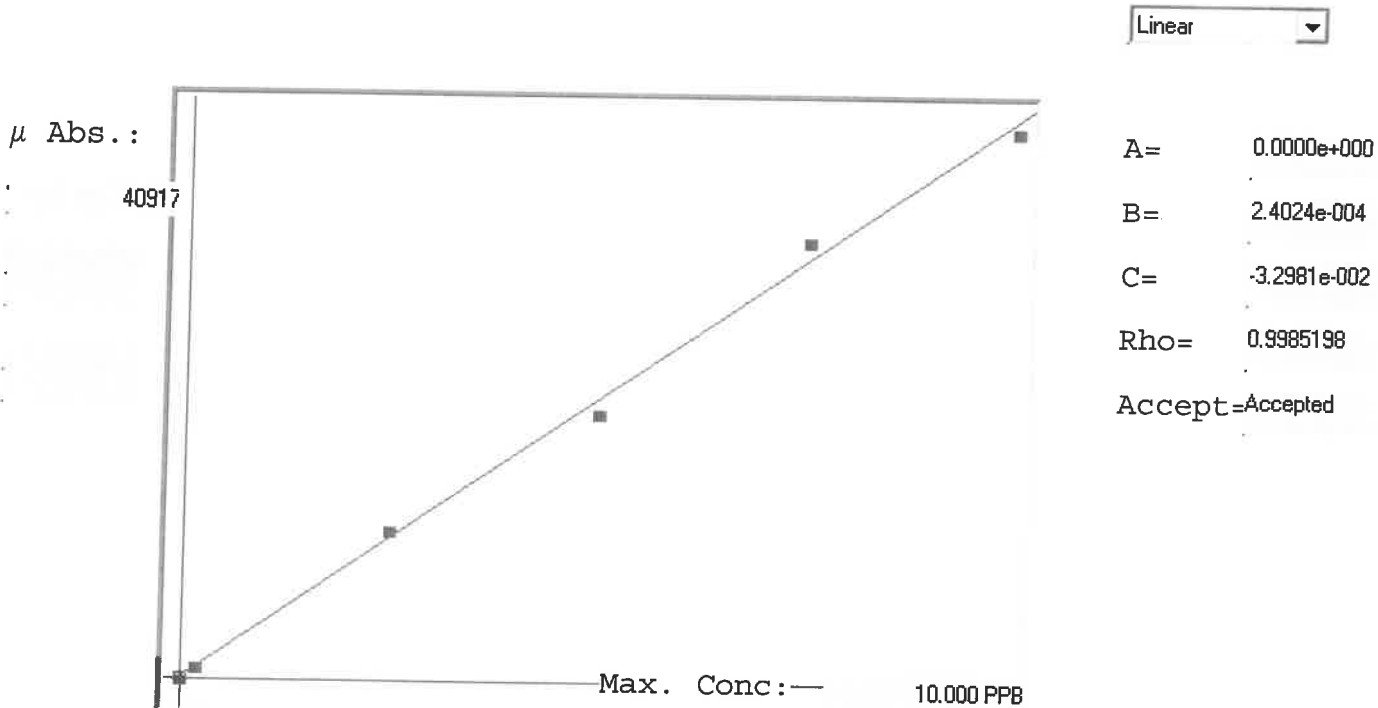
Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000658	-.003154	.0001342
Stddev	.003149	.000863	.0000292
%RSD	478.7949	27.36177	21.80310
#1	.001340	-.002543	.0001241
#2	-.004287	-.002778	.0001671
#3	.000974	-.004141	.0001113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.302	72109.85	15024.35	2155.037	5064.794
Stddev	6.802	352.35	72.45	9.501	11.542
%RSD	.2400866	.4886255	.4821947	.4408588	.2278848
#1	2826.262	71757.74	15082.81	2144.526	5051.929
#2	2839.838	72462.43	14943.30	2163.012	5068.212
#3	2833.805	72109.39	15046.94	2157.574	5074.241

LB135064

7470A

INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	
0.0	0.000	-0.020	-0.020	55	0.000	55	0				0/0
0.2	0.200	0.172	-0.028	855	0.0 %	855					-14
2.5	2.500	2.636	0.136	11108	0.0 %	11108					5
5.0	5.000	4.762	-0.238	19960	0.0 %	19960					-5
7.5	7.500	7.853	0.353	32824	0.0 %	32824					5
10.0	10.000	9.797	-0.203	40917	0.0 %	40917					2

LB135064 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 18 Mar 2025 07:56:17

Sample ID	Extended ID	μ Abs.	Conc.	Std. Conc.	Method	Units	Date	Type	Type
0.0 - 1	SD	55	-	0.0000	7470A	PPB	18 Mar 2025 09:34:39	S	Std
0.2 - 1	SD-2	855	-	0.2000	7470A	PPB	18 Mar 2025 09:36:56	S	Std
2.5 - 1	SD-5	11108	-	2.5000	7470A	PPB	18 Mar 2025 09:39:14	S	Std
5.0 - 1	SD	19960	-	5.0000	7470A	PPB	18 Mar 2025 09:41:31	S	Std
7.5 - 1	SD-5	32824	-	7.5000	7470A	PPB	18 Mar 2025 09:49:56	S	Std
10.0 - 1	SD	40917	-	10.0000	7470A	PPB	18 Mar 2025 09:52:11	S	Std
ICV46 - 1	ICV46	16548	3.9425	-	7470A	PPB	18 Mar 2025 09:55:05	U	SMPL
ICB46 - 1	ICB46	-227	-0.0875	-	7470A	PPB	18 Mar 2025 09:57:22	U	SMPL
CCV20 - 1	CCV20	22482	5.3681	-	7470A	PPB	18 Mar 2025 09:59:38	U	SMPL
CCB20 - 1	CCB20	-43	-0.0433	-	7470A	PPB	18 Mar 2025 10:04:36	U	SMPL
CRA - 1	CRA	808	0.1611	-	7470A	PPB	18 Mar 2025 10:06:51	U	SMPL
HighStd - 1	HighStd	42000	10.0571	-	7470A	PPB	18 Mar 2025 10:09:06	U	SMPL
ChkStd - 1	ChkStd	29904	7.1511	-	7470A	PPB	18 Mar 2025 10:11:22	U	SMPL
PB167166BL - 1	PBW	-3	-0.0337	-	7470A	PPB	18 Mar 2025 10:16:17	U	SMPL
PB167166BS - 1	LCSW	19273	4.5972	-	7470A	PPB	18 Mar 2025 10:18:34	U	SMPL
Q1568-04 - 1	JC-03-03132025	-244	-0.0916	-	7470A	PPB	18 Mar 2025 10:20:52	U	SMPL
Q1568-04DUP - 1	JC-03-03132025DUP	-3	-0.0337	-	7470A	PPB	18 Mar 2025 10:23:10	U	SMPL
Q1568-04MS - 1	JC-03-03132025MS	16522	3.9363	-	7470A	PPB	18 Mar 2025 10:25:27	U	SMPL
Q1568-04MSD - 1	JC-03-03132025MSD	16341	3.8928	-	7470A	PPB	18 Mar 2025 10:27:44	U	SMPL
Q1569-02 - 1	TAP-IDW-SOIL-031325-01	-87	-0.0539	-	7470A	PPB	18 Mar 2025 10:30:02	U	SMPL
CCV21 - 1	CCV21	20408	4.8698	-	7470A	PPB	18 Mar 2025 10:35:02	U	SMPL
CCB21 - 1	CCB21	47	-0.0217	-	7470A	PPB	18 Mar 2025 10:41:17	U	SMPL
Q1569-05 - 1	TAP-IDW-SOIL-031325-02	42	-0.0229	-	7470A	PPB	18 Mar 2025 10:43:32	U	SMPL
Q1574-02 - 1	WC1	2309	0.5217	-	7470A	PPB	18 Mar 2025 10:45:47	U	SMPL
PB167133TB - 1	PB167133TB	-66	-0.0488	-	7470A	PPB	18 Mar 2025 10:48:03	U	SMPL
Q1568-04LX5 - 1		25	-0.0270	-	7470A	PPB	18 Mar 2025 10:50:19	U	SMPL
Q1568-04A - 1		16440	3.9166	-	7470A	PPB	18 Mar 2025 10:52:35	U	SMPL
CCV22 - 1	CCV22	21462	5.1230	-	7470A	PPB	18 Mar 2025 10:54:51	U	SMPL
CCB22 - 1	CCB22	4	-0.0320	-	7470A	PPB	18 Mar 2025 10:59:43	U	SMPL

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 03/17/2025 Time : 12:05 Temp : 96 °C

End Digest Date: 03/17/2025 Time : 15:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *JP*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	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 #50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/17/25 16:10	<i>SKS met dig</i>	<i>JP 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
PB167133TB	PB167133TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167161BL	PBW161	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB167161BS	LCS161	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	3
Q1568-04MS	JC-03-03132025MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	6
Q1568-04MSD	JC-03-03132025MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6003,M6012	7
Q1568-04DUP	JC-03-03132025DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1568-04	JC-03-03132025	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1569-02	TAP-IDW-SOIL-031325-01	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1569-05	TAP-IDW-SOIL-031325-02	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q1574-02	WC1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10

TCLP EXTRACTION LOGPAGE

PB167133

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
PB167133TB	LEB133	06	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1567-04 <i>SK</i>	50 MIDDLESEX AVE <i>SK 3/20</i>	01 <i>SK</i>	100.03 <i>SK</i>	2000 <i>SK 3/20</i>	N/A <i>SK 3/20</i>	N/A <i>SK</i>	N/A <i>SK</i>	4.5 <i>SK</i>	1.5 <i>SK</i>	T-1 <i>SK</i>
Q1568-04	JC-03-03132025	02	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q1569-02	TAP-IDW-SOIL-031325-01	03	100.01	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1569-05	TAP-IDW-SOIL-031325-02	04	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q1574-02	WC1	05	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 03/17/2025 Time : 10:35 Temp : 94 °C

End Digest Date: 03/17/2025 Time : 12:35 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84889
CCV	30mL	MP84891
CRA	30mL	MP84893
Blank Spike	0.48mL	MP84881
Matrix Spike	0.48mL	MP84881

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP84563
KMnO4 (5%)	4.5mL	MP84564
K2S2O8 (5%)	2.5mL	MP84565
Hydroxylamine HCL (12%)	2.0mL	MP84566
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84882
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84883
2.5 ppb	S2.5	30mL	MP84884
5.0 ppb	S5.0	30mL	MP84885
7.5 ppb	S7.5	30mL	MP84886
10.0 ppb	S10.0	30mL	MP84887
ICV	ICV	30mL	MP84889
ICB	ICB	30mL	MP84890
CCV	CCV	30mL	MP84891
CCB	CCB	30mL	MP84892
CRI	CRI	30mL	MP84893
CHK STD	CHK STD	30mL	MP84894

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/17/25 09:05	MB - N/A	MB - N/A
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167133TB	PB167133TB	3	30	<2	N/A	3-1
PB167166BL	PBW166	30	30	<2	N/A	2
PB167166BS	LCS166	30	30	<2	MP84881	3
Q1568-04DUP	JC-03-03132025DUP	3	30	<2	N/A	5
Q1568-04MS	JC-03-03132025MS	3	30	<2	MP84881	6
Q1568-04MSD	JC-03-03132025MSD	3	30	<2	MP84881	7
Q1568-04	JC-03-03132025	3	30	<2	N/A	4
Q1569-02	TAP-IDW-SOIL-031325-01	3	30	<2	N/A	8
Q1569-05	TAP-IDW-SOIL-031325-02	3	30	<2	N/A	9
Q1574-02	WC1	3	30	<2	N/A	10

SOP ID : M1311-TCLP-15
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 115525

Start Prep Date : 03/14/2025 Time : 14:00
End Prep Date : 03/15/2025 Time : 08:30
Combination Ratio : 20
ZHE Cleaning Batch : ¹⁸N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : ¹⁸
Supervisor By : ¹²

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
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
N/A	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. TUMBLER T-1 checked. 30 rpm. Particle size reduction is not required. q1568-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/17/25 10:00	¹⁸ / TCLP Room	¹⁸ / Ext
	Preparation Group	Analysis Group

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135063

Review By	kareem	Review On	3/18/2025 12:28:54 PM
Supervise By	jaswal	Supervise On	3/20/2025 11:15:13 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/17/25 14:05		Kareem	OK
2	S1	S1	CAL2	03/17/25 14:09		Kareem	OK
3	S2	S2	CAL3	03/17/25 14:14		Kareem	OK
4	S3	S3	CAL4	03/17/25 14:18		Kareem	OK
5	S4	S4	CAL5	03/17/25 14:22		Kareem	OK
6	S5	S5	CAL6	03/17/25 14:27		Kareem	OK
7	ICV01	ICV01	ICV	03/17/25 14:31	ICV01 Fail for Be (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/17/25 14:38		Kareem	OK
9	ICB01	ICB01	ICB	03/17/25 14:43		Kareem	OK
10	CRI01	CRI01	CRDL	03/17/25 14:47		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/17/25 14:51		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/17/25 15:02		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/17/25 15:06		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/17/25 15:11		Kareem	OK
15	CCV01	CCV01	CCV	03/17/25 15:15		Kareem	OK
16	CCB01	CCB01	CCB	03/17/25 15:27		Kareem	OK
17	PB167007BL	PB167007BL	MB	03/17/25 15:31		Kareem	OK
18	PB167007BS	PB167007BS	LCS	03/17/25 15:35	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135063

Review By	kareem	Review On	3/18/2025 12:28:54 PM
Supervise By	jaswal	Supervise On	3/20/2025 11:15:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

19	PB167119BL	PB167119BL	MB	03/17/25 15:39		Kareem	OK
20	PB167119BS	PB167119BS	LCS	03/17/25 15:44	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	Q1543-01	ISB878MW02	SAM	03/17/25 15:48		Kareem	OK
22	Q1543-02	ISB878MW05	SAM	03/17/25 15:52		Kareem	OK
23	Q1543-02DUP	ISB878MW05DUP	DUP	03/17/25 15:56		Kareem	OK
24	Q1543-02L	ISB878MW05L	SD	03/17/25 16:01		Kareem	OK
25	Q1543-02MS	ISB878MW05MS	MS	03/17/25 16:05	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
26	Q1543-02MSD	ISB878MW05MSD	MSD	03/17/25 16:09	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
27	CCV02	CCV02	CCV	03/17/25 16:13		Kareem	OK
28	CCB02	CCB02	CCB	03/17/25 16:17		Kareem	OK
29	Q1553-03	FRAC-TANK-FMI120	SAM	03/17/25 16:22		Kareem	OK
30	Q1543-02A	ISB878MW05A	PS	03/17/25 16:26	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
31	Q1568-04	JC-03-03132025	SAM	03/17/25 16:30		Kareem	OK
32	Q1568-04DUP	JC-03-03132025DUP	DUP	03/17/25 16:35		Kareem	OK
33	Q1568-04L	JC-03-03132025L	SD	03/17/25 16:39		Kareem	OK
34	Q1568-04MS	JC-03-03132025MS	MS	03/17/25 16:43	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135063

Review By	kareem	Review On	3/18/2025 12:28:54 PM
Supervise By	jaswal	Supervise On	3/20/2025 11:15:13 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

35	Q1568-04MSD	JC-03-03132025MSD	MSD	03/17/25 16:47	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
36	Q1568-04A	JC-03-03132025A	PS	03/17/25 16:52	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
37	PB167133TB	PB167133TB	MB	03/17/25 16:56		Kareem	OK
38	PB167161BL	PB167161BL	MB	03/17/25 17:00		Kareem	OK
39	CCV03	CCV03	CCV	03/17/25 17:05		Kareem	OK
40	CCB03	CCB03	CCB	03/17/25 17:09		Kareem	OK
41	PB167161BS	PB167161BS	LCS	03/17/25 17:13	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
42	Q1566-01	CTWK-COMP	SAM	03/17/25 17:17		Kareem	OK
43	Q1568-01	JC-03-03132025	SAM	03/17/25 17:21		Kareem	OK
44	Q1568-01DUP	JC-03-03132025DUP	DUP	03/17/25 17:25		Kareem	OK
45	Q1568-01L	JC-03-03132025L	SD	03/17/25 17:29		Kareem	OK
46	Q1568-01MS	JC-03-03132025MS	MS	03/17/25 17:34	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
47	Q1568-01MSD	JC-03-03132025MSD	MSD	03/17/25 17:38	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
48	Q1568-01A	JC-03-03132025A	PS	03/17/25 17:43	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
49	CCV04	CCV04	CCV	03/17/25 17:51		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135063

Review By	kareem	Review On	3/18/2025 12:28:54 PM
Supervise By	jaswal	Supervise On	3/20/2025 11:15:13 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

50	CCB04	CCB04	CCB	03/17/25 17:55		Kareem	OK
51	LR1	LR1	HIGH STD	03/17/25 17:59		Kareem	OK
52	LR2	LR2	HIGH STD	03/17/25 18:04		Kareem	OK
53	PB167132BL	PB167132BL	MB	03/17/25 18:10		Kareem	OK
54	PB167132BS	PB167132BS	LCS	03/17/25 18:14	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
55	CCV05	CCV05	CCV	03/17/25 18:18		Kareem	OK
56	CCB05	CCB05	CCB	03/17/25 18:22		Kareem	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135064

Review By	Mohan	Review On	3/20/2025 11:15:47 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:16:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887
ICV Standard	MP84889
CCV Standard	MP84891
ICSA Standard	
CRI Standard	MP84893
LCS Standard	
Chk Standard	MP84890,MP84892,MP84894,MP84898

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 09:34		Mohan	OK
2	S0.2	S0.2	CAL2	03/18/25 09:36		Mohan	OK
3	S2.5	S2.5	CAL3	03/18/25 09:39		Mohan	OK
4	S5	S5	CAL4	03/18/25 09:41		Mohan	OK
5	S7.5	S7.5	CAL5	03/18/25 09:49		Mohan	OK
6	S10	S10	CAL6	03/18/25 09:52		Mohan	OK
7	ICV46	ICV46	ICV	03/18/25 09:55		Mohan	OK
8	ICB46	ICB46	ICB	03/18/25 09:57		Mohan	OK
9	CCV20	CCV20	CCV	03/18/25 09:59		Mohan	OK
10	CCB20	CCB20	CCB	03/18/25 10:04		Mohan	OK
11	CRA	CRA	CRDL	03/18/25 10:06		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/18/25 10:09		Mohan	OK
13	ChkStd	ChkStd	SAM	03/18/25 10:11		Mohan	OK
14	PB167166BL	PB167166BL	MB	03/18/25 10:16		Mohan	OK
15	PB167166BS	PB167166BS	LCS	03/18/25 10:18		Mohan	OK
16	Q1568-04	JC-03-03132025	SAM	03/18/25 10:20		Mohan	OK
17	Q1568-04DUP	JC-03-03132025DUP	DUP	03/18/25 10:23		Mohan	OK
18	Q1568-04MS	JC-03-03132025MS	MS	03/18/25 10:25		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135064

Review By	Mohan	Review On	3/20/2025 11:15:47 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:16:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887		
ICV Standard	MP84889		
CCV Standard	MP84891		
ICSA Standard			
CRI Standard	MP84893		
LCS Standard			
Chk Standard	MP84890,MP84892,MP84894,MP84898		

19	Q1568-04MSD	JC-03-03132025MSD	MSD	03/18/25 10:27		Mohan	OK
20	Q1569-02	TAP-IDW-SOIL-03132	SAM	03/18/25 10:30		Mohan	OK
21	CCV21	CCV21	CCV	03/18/25 10:35		Mohan	OK
22	CCB21	CCB21	CCB	03/18/25 10:41		Mohan	OK
23	Q1569-05	TAP-IDW-SOIL-03132	SAM	03/18/25 10:43		Mohan	OK
24	Q1574-02	WC1	SAM	03/18/25 10:45		Mohan	OK
25	PB167133TB	PB167133TB	MB	03/18/25 10:48		Mohan	OK
26	Q1568-04L	JC-03-03132025L	SD	03/18/25 10:50		Mohan	OK
27	Q1568-04A	JC-03-03132025A	PS	03/18/25 10:52		Mohan	OK
28	CCV22	CCV22	CCV	03/18/25 10:54		Mohan	OK
29	CCB22	CCB22	CCB	03/18/25 10:59		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 10:11		Kareem	OK
2	S1	S1	CAL2	03/18/25 10:15		Kareem	OK
3	S2	S2	CAL3	03/18/25 10:20		Kareem	OK
4	S3	S3	CAL4	03/18/25 10:24		Kareem	OK
5	S4	S4	CAL5	03/18/25 10:28		Kareem	OK
6	S5	S5	CAL6	03/18/25 10:32		Kareem	OK
7	ICV01	ICV01	ICV	03/18/25 10:36	ICV01 Fail for Be,TI (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/18/25 10:41		Kareem	OK
9	ICB01	ICB01	ICB	03/18/25 10:45		Kareem	OK
10	CRI01	CRI01	CRDL	03/18/25 10:49		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/18/25 10:54		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/18/25 11:04		Kareem	OK
13	CCV01	CCV01	CCV	03/18/25 11:09		Kareem	OK
14	CCB01	CCB01	CCB	03/18/25 11:13		Kareem	OK
15	PB167145BL	PB167145BL	MB	03/18/25 11:18		Kareem	OK
16	PB167145BS	PB167145BS	LCS	03/18/25 11:22	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
17	PB167150BL	PB167150BL	MB	03/18/25 11:27		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

18	PB167150BS	PB167150BS	LCS	03/18/25 11:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
19	Q1569-05	TAP-IDW-SOIL-03132	SAM	03/18/25 11:36	Need to Confirm TCLP	Kareem	OK
20	Q1569-02	TAP-IDW-SOIL-03132	SAM	03/18/25 11:40		Kareem	OK
21	Q1574-02	WC1	SAM	03/18/25 11:45		Kareem	OK
22	Q1574-01	WC1	SAM	03/18/25 11:49	Cr,Cu,Fe,Zn High & Ag (Oversaturated)	Kareem	Dilution
23	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/18/25 11:54		Kareem	OK
24	Q1581-01	TR-06-031425	SAM	03/18/25 11:58		Kareem	OK
25	CCV02	CCV02	CCV	03/18/25 12:08		Kareem	OK
26	CCB02	CCB02	CCB	03/18/25 12:17		Kareem	OK
27	Q1581-01DUP	TR-06-031425DUP	DUP	03/18/25 12:22		Kareem	OK
28	Q1581-01L	TR-06-031425L	SD	03/18/25 12:26		Kareem	OK
29	Q1581-01MS	TR-06-031425MS	MS	03/18/25 12:30	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
30	Q1581-01MSD	TR-06-031425MSD	MSD	03/18/25 12:34	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
31	Q1581-01A	TR-06-031425A	PS	03/18/25 12:38	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
32	Q1585-01	OK-02-03142025	SAM	03/18/25 12:42		Kareem	OK
33	Q1585-01DUP	OK-02-03142025DUP	DUP	03/18/25 12:46		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

34	Q1585-01L	OK-02-03142025L	SD	03/18/25 12:50		Kareem	OK
35	Q1585-01MS	OK-02-03142025MS	MS	03/18/25 12:55	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
36	Q1585-01MSD	OK-02-03142025MSD	MSD	03/18/25 12:59	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
37	CCV03	CCV03	CCV	03/18/25 13:07		Kareem	OK
38	CCB03	CCB03	CCB	03/18/25 13:13		Kareem	OK
39	Q1585-01A	OK-02-03142025A	PS	03/18/25 13:17	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
40	Q1574-02L	WC1L	SD	03/18/25 13:32	NOT USE	Kareem	Not Ok
41	Q1574-01DL	WC1DL	SAM	03/18/25 13:41	20X for Cr,Cu,Fe,Ag,Zn	Kareem	Confirms
42	LR1	LR1	HIGH STD	03/18/25 13:45		Kareem	OK
43	LR2	LR2	HIGH STD	03/18/25 13:50		Kareem	OK
44	Q1590-02	20071	SAM	03/18/25 13:54		Kareem	OK
45	Q1590-02DUP	20071DUP	DUP	03/18/25 13:58		Kareem	OK
46	Q1590-02L	20071L	SD	03/18/25 14:03		Kareem	OK
47	CCV04	CCV04	CCV	03/18/25 14:07		Kareem	OK
48	CCB04	CCB04	CCB	03/18/25 14:20		Kareem	OK
49	Q1590-02MS	20071MS	MS	03/18/25 14:24	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

50	Q1590-02MSD	20071MSD	MSD	03/18/25 14:28	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
51	Q1590-02A	20071A	PS	03/18/25 14:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
52	Q1592-01	OILY-DEBRIS-COMP	SAM	03/18/25 14:37	% Solids Missing	Kareem	OK
53	PB167179BL	PB167179BL	MB	03/18/25 14:41		Kareem	OK
54	PB167179BS	PB167179BS	LCS	03/18/25 14:45	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
55	CCV05	CCV05	CCV	03/18/25 14:49		Kareem	OK
56	CCB05	CCB05	CCB	03/18/25 14:53		Kareem	OK

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 03/14/2025 Time : 14:00

End Prep Date : 03/15/2025 Time : 08:30

Combination Ratio : 20

ZHE Cleaning Batch : ¹⁸N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : ¹⁸

Supervisor By : ¹²

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

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
N/A	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. TUMBLER T-1 checked.30 rpm. Particle size reduction is not required. q1568-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/17/25 10:00	¹⁸ / TCLP Room	¹⁸ / Ext
	Preparation Group	Analysis Group

¹² met n'g

TCLP EXTRACTION LOGPAGE

PB167133

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
PB167133TB	LEB133	06	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1507-04	50-MIDDLESEX-AVE	01	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1568-04	JC-03-03132025	02	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q1569-02	TAP-IDW-SOIL-031325-01	03	100.01	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1569-05	TAP-IDW-SOIL-031325-02	04	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q1574-02	WC1	05	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167133TB	LEB133	N/A	N/A	N/A	N/A	N/A	N/A
Q1507-04	50-MIDDLESEX-AVE	N/A	N/A	N/A	N/A	100	N/A
Q1568-04	JC-03-03132025	N/A	N/A	N/A	N/A	100	N/A
Q1569-02	TAP-IDW-SOIL-031325-01	N/A	N/A	N/A	N/A	100	N/A
Q1569-05	TAP-IDW-SOIL-031325-02	N/A	N/A	N/A	N/A	100	N/A
Q1574-02	WC1	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
PB167133TB	LEB133	N/A	N/A	N/A	N/A	#1	4.93
Q1507-04	50-MIDDLESEX-AVE	5.02	96.5	7.0	2.5	#1	4.93
Q1568-04	JC-03-03132025	5.01	96.5	7.0	2.5	#1	4.93
Q1569-02	TAP-IDW-SOIL-031325-01	5.03	96.5	6.8	2.0	#1	4.93
Q1569-05	TAP-IDW-SOIL-031325-02	5.04	96.5	10.0	4.0	#1	4.93
Q1574-02	WC1	5.03	96.5	6.8	2.0	#1	4.93



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Geop Inc
ADDRESS: 8 CARRIAGE
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ave L
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Geop Inc PO#:
ADDRESS: 8 CARRIAGE
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☒ EDD FORMAT add meta excel

1. TCU metals
2. THL metals
3. PCRA
4. VOC
5. BTEX
6. PCB
7. PH
8. Isotobility
9. EPH

PRESERVATIVES

COMMENTS

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

ALLIANCE 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.	WC1	501	X		3/13/25	1255	2	X	X	X	X	X	X	X	X		
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>3/14/25 1110</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.1°C</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1574 GENV01

Order Date : 3/14/2025 11:25:00 AM

Project Mgr : nj reduce

Client Name : G Environmental

Project Name : Ave L

Report Type : ~~Level 1~~ Results only

Client Contact : Gary Landis

Receive DateTime : 3/14/2025 3:00:00 PM
11:10

EDD Type : Excel NJ

Invoice Name : G Environmental

Purchase Order :

Hard Copy Date :

Invoice Contact : Gary Landis

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1574-01	WC1	Solid	03/12/2025	12:55	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : [Signature]

Date / Time : 3/14/25 11:50

Received By : [Signature]

Date / Time : 3/14/25 11:50

Storage Area : VOA Refridgerator Room