

Cover Page

Order ID : Q1641

Project ID : North Point - 4101 Arthur Kill Rd - E9306

Client : ENTACT

Lab Sample Number

Q1641-02

Client Sample Number

NP-WS-003

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: 3/29/2025

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 #: Q1641

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 03/29/2025

LAB CHRONICLE

OrderID:	Q1641	OrderDate:	3/25/2025 1:48:00 PM
Client:	ENTACT	Project:	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Jarod Stanfield	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1641-02	NP-WS-003	Water			03/25/25			03/25/25
			Mercury	7470A		03/26/25	03/27/25	
			Metals ICP-Group1	6010D		03/27/25	03/28/25	



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Hit Summary Sheet
SW-846

SDG No.: Q1641

Order ID: Q1641

Client: ENTACT

Project ID: North Point - 4101 Arthur Kill Rd - E9306

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : NP-WS-003								
Q1641-02	NP-WS-003	Water	Aluminum	1170		28.3	50.0	ug/L
Q1641-02	NP-WS-003	Water	Barium	133		6.28	50.0	ug/L
Q1641-02	NP-WS-003	Water	Chromium	2.17	J	0.66	5.00	ug/L
Q1641-02	NP-WS-003	Water	Cobalt	1.77	J	0.50	15.0	ug/L
Q1641-02	NP-WS-003	Water	Copper	9.39	J	7.07	10.0	ug/L
Q1641-02	NP-WS-003	Water	Iron	2180		18.5	50.0	ug/L
Q1641-02	NP-WS-003	Water	Lead	12.1		3.51	6.00	ug/L
Q1641-02	NP-WS-003	Water	Nickel	7.48	J	0.85	20.0	ug/L
Q1641-02	NP-WS-003	Water	Zinc	31.7		1.75	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	03/25/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	03/25/25
Client Sample ID:	NP-WS-003	SDG No.:	Q1641
Lab Sample ID:	Q1641-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1170		1	28.3	50.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-39-3	Barium	133		1	6.28	50.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-47-3	Chromium	2.17	J	1	0.66	5.00	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-48-4	Cobalt	1.77	J	1	0.50	15.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-50-8	Copper	9.39	J	1	7.07	10.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7439-89-6	Iron	2180		1	18.5	50.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7439-92-1	Lead	12.1		1	3.51	6.00	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	03/26/25 15:15	03/27/25 12:47	SW7470A	
7440-02-0	Nickel	7.48	J	1	0.85	20.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010
7440-66-6	Zinc	31.7		1	1.75	20.0	ug/L	03/27/25 10:05	03/28/25 11:43	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group1			

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: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
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
ICV63	Mercury	4.09	4.0	102	90 - 110	CV	03/27/2025	12:09	LB135209

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
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
CCV88	Mercury	4.62	5.0	92	90 - 110	CV	03/27/2025	12:16	LB135209
CCV89	Mercury	5.20	5.0	104	90 - 110	CV	03/27/2025	12:54	LB135209
CCV90	Mercury	5.43	5.0	109	90 - 110	CV	03/27/2025	13:32	LB135209

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q1641
Contract: ENTA05 Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641
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	Aluminum	2440	2500	98	90 - 110	P	03/28/2025	08:53	LB135228
	Arsenic	989	1000	99	90 - 110	P	03/28/2025	08:53	LB135228
	Barium	472	520	91	90 - 110	P	03/28/2025	08:53	LB135228
	Cadmium	497	510	97	90 - 110	P	03/28/2025	08:53	LB135228
	Chromium	520	520	100	90 - 110	P	03/28/2025	08:53	LB135228
	Cobalt	501	520	96	90 - 110	P	03/28/2025	08:53	LB135228
	Copper	521	510	102	90 - 110	P	03/28/2025	08:53	LB135228
	Iron	9790	10000	98	90 - 110	P	03/28/2025	08:53	LB135228
	Lead	977	1000	98	90 - 110	P	03/28/2025	08:53	LB135228
	Nickel	506	530	96	90 - 110	P	03/28/2025	08:53	LB135228
	Selenium	1020	1000	102	90 - 110	P	03/28/2025	08:53	LB135228
	Silver	252	250	101	90 - 110	P	03/28/2025	08:53	LB135228
	Tin	2330	2500	93	90 - 110	P	03/28/2025	08:53	LB135228
	Zinc	1010	1000	101	90 - 110	P	03/28/2025	08:53	LB135228

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q1641
Contract: ENTA05 Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641
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	Aluminum	99.5	100	100	80 - 120	P	03/28/2025	08:59	LB135228
	Arsenic	20.8	20.0	104	80 - 120	P	03/28/2025	08:59	LB135228
	Barium	91.8	100	92	80 - 120	P	03/28/2025	08:59	LB135228
	Cadmium	5.70	6.0	95	80 - 120	P	03/28/2025	08:59	LB135228
	Chromium	9.46	10.0	95	80 - 120	P	03/28/2025	08:59	LB135228
	Cobalt	28.7	30.0	96	80 - 120	P	03/28/2025	08:59	LB135228
	Copper	21.9	20.0	110	80 - 120	P	03/28/2025	08:59	LB135228
	Iron	81.5	100	82	80 - 120	P	03/28/2025	08:59	LB135228
	Lead	11.1	12.0	92	80 - 120	P	03/28/2025	08:59	LB135228
	Nickel	38.5	40.0	96	80 - 120	P	03/28/2025	08:59	LB135228
	Selenium	22.1	20.0	111	80 - 120	P	03/28/2025	08:59	LB135228
	Silver	10.2	10.0	102	80 - 120	P	03/28/2025	08:59	LB135228
	Tin	35.0	40.0	88	80 - 120	P	03/28/2025	08:59	LB135228
	Zinc	38.9	40.0	97	80 - 120	P	03/28/2025	08:59	LB135228

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
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	Aluminum	9520	10000	95	90 - 110	P	03/28/2025	09:20	LB135228
	Arsenic	4780	5000	96	90 - 110	P	03/28/2025	09:20	LB135228
	Barium	9170	10000	92	90 - 110	P	03/28/2025	09:20	LB135228
	Cadmium	2380	2500	95	90 - 110	P	03/28/2025	09:20	LB135228
	Chromium	984	1000	98	90 - 110	P	03/28/2025	09:20	LB135228
	Cobalt	2360	2500	94	90 - 110	P	03/28/2025	09:20	LB135228
	Copper	1200	1250	96	90 - 110	P	03/28/2025	09:20	LB135228
	Iron	4740	5000	95	90 - 110	P	03/28/2025	09:20	LB135228
	Lead	4770	5000	95	90 - 110	P	03/28/2025	09:20	LB135228
	Nickel	2370	2500	95	90 - 110	P	03/28/2025	09:20	LB135228
	Selenium	4810	5000	96	90 - 110	P	03/28/2025	09:20	LB135228
	Silver	1210	1250	97	90 - 110	P	03/28/2025	09:20	LB135228
	Tin	4790	5000	96	90 - 110	P	03/28/2025	09:20	LB135228
	Zinc	2440	2500	98	90 - 110	P	03/28/2025	09:20	LB135228
CCV02	Aluminum	9790	10000	98	90 - 110	P	03/28/2025	10:30	LB135228
	Arsenic	4940	5000	99	90 - 110	P	03/28/2025	10:30	LB135228
	Barium	9050	10000	90	90 - 110	P	03/28/2025	10:30	LB135228
	Cadmium	2370	2500	95	90 - 110	P	03/28/2025	10:30	LB135228
	Chromium	998	1000	100	90 - 110	P	03/28/2025	10:30	LB135228
	Cobalt	2370	2500	95	90 - 110	P	03/28/2025	10:30	LB135228
	Copper	1230	1250	98	90 - 110	P	03/28/2025	10:30	LB135228
	Iron	4650	5000	93	90 - 110	P	03/28/2025	10:30	LB135228
	Lead	4790	5000	96	90 - 110	P	03/28/2025	10:30	LB135228
	Nickel	2380	2500	95	90 - 110	P	03/28/2025	10:30	LB135228
	Selenium	4980	5000	100	90 - 110	P	03/28/2025	10:30	LB135228
	Silver	1230	1250	98	90 - 110	P	03/28/2025	10:30	LB135228
	Tin	4790	5000	96	90 - 110	P	03/28/2025	10:30	LB135228
	Zinc	2490	2500	100	90 - 110	P	03/28/2025	10:30	LB135228
CCV03	Aluminum	9520	10000	95	90 - 110	P	03/28/2025	11:22	LB135228
	Arsenic	4740	5000	95	90 - 110	P	03/28/2025	11:22	LB135228
	Barium	9290	10000	93	90 - 110	P	03/28/2025	11:22	LB135228
	Cadmium	2350	2500	94	90 - 110	P	03/28/2025	11:22	LB135228
	Chromium	985	1000	98	90 - 110	P	03/28/2025	11:22	LB135228
	Cobalt	2340	2500	93	90 - 110	P	03/28/2025	11:22	LB135228

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
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
CCV03	Copper	1190	1250	95	90 - 110	P	03/28/2025	11:22	LB135228
	Iron	4570	5000	91	90 - 110	P	03/28/2025	11:22	LB135228
	Lead	4710	5000	94	90 - 110	P	03/28/2025	11:22	LB135228
	Nickel	2340	2500	94	90 - 110	P	03/28/2025	11:22	LB135228
	Selenium	4720	5000	94	90 - 110	P	03/28/2025	11:22	LB135228
	Silver	1200	1250	96	90 - 110	P	03/28/2025	11:22	LB135228
	Tin	4730	5000	95	90 - 110	P	03/28/2025	11:22	LB135228
	Zinc	2420	2500	97	90 - 110	P	03/28/2025	11:22	LB135228
CCV04	Aluminum	9710	10000	97	90 - 110	P	03/28/2025	12:13	LB135228
	Arsenic	4880	5000	98	90 - 110	P	03/28/2025	12:13	LB135228
	Barium	9210	10000	92	90 - 110	P	03/28/2025	12:13	LB135228
	Cadmium	2410	2500	96	90 - 110	P	03/28/2025	12:13	LB135228
	Chromium	1020	1000	102	90 - 110	P	03/28/2025	12:13	LB135228
	Cobalt	2390	2500	96	90 - 110	P	03/28/2025	12:13	LB135228
	Copper	1220	1250	97	90 - 110	P	03/28/2025	12:13	LB135228
	Iron	4680	5000	94	90 - 110	P	03/28/2025	12:13	LB135228
	Lead	4840	5000	97	90 - 110	P	03/28/2025	12:13	LB135228
	Nickel	2410	2500	96	90 - 110	P	03/28/2025	12:13	LB135228
	Selenium	4870	5000	97	90 - 110	P	03/28/2025	12:13	LB135228
	Silver	1230	1250	98	90 - 110	P	03/28/2025	12:13	LB135228
	Tin	4860	5000	97	90 - 110	P	03/28/2025	12:13	LB135228
	Zinc	2480	2500	99	90 - 110	P	03/28/2025	12:13	LB135228
	Aluminum	9390	10000	94	90 - 110	P	03/28/2025	13:01	LB135228
	Arsenic	4680	5000	94	90 - 110	P	03/28/2025	13:01	LB135228
CCV05	Barium	9410	10000	94	90 - 110	P	03/28/2025	13:01	LB135228
	Cadmium	2340	2500	94	90 - 110	P	03/28/2025	13:01	LB135228
	Chromium	984	1000	98	90 - 110	P	03/28/2025	13:01	LB135228
	Cobalt	2330	2500	93	90 - 110	P	03/28/2025	13:01	LB135228
	Copper	1190	1250	95	90 - 110	P	03/28/2025	13:01	LB135228
	Iron	4760	5000	95	90 - 110	P	03/28/2025	13:01	LB135228
	Lead	4690	5000	94	90 - 110	P	03/28/2025	13:01	LB135228
	Nickel	2330	2500	93	90 - 110	P	03/28/2025	13:01	LB135228
	Selenium	4650	5000	93	90 - 110	P	03/28/2025	13:01	LB135228
	Silver	1190	1250	95	90 - 110	P	03/28/2025	13:01	LB135228

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
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	Tin	4720	5000	94	90 - 110	P	03/28/2025	13:01	LB135228
	Zinc	2380	2500	95	90 - 110	P	03/28/2025	13:01	LB135228



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Metals

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CRDL STANDARD FOR AA & ICP

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	112	40 - 160	CV	03/27/2025	12:21	LB135209
CRI01	Aluminum	96.9	100	97	40 - 160	P	03/28/2025	09:07	LB135228
	Arsenic	20.0	20.0	100	40 - 160	P	03/28/2025	09:07	LB135228
	Barium	88.4	100	88	40 - 160	P	03/28/2025	09:07	LB135228
	Cadmium	5.79	6.0	96	40 - 160	P	03/28/2025	09:07	LB135228
	Chromium	9.77	10.0	98	40 - 160	P	03/28/2025	09:07	LB135228
	Cobalt	28.9	30.0	96	40 - 160	P	03/28/2025	09:07	LB135228
	Copper	22.0	20.0	110	40 - 160	P	03/28/2025	09:07	LB135228
	Iron	89.2	100	89	40 - 160	P	03/28/2025	09:07	LB135228
	Lead	11.6	12.0	97	40 - 160	P	03/28/2025	09:07	LB135228
	Nickel	38.9	40.0	97	40 - 160	P	03/28/2025	09:07	LB135228
	Selenium	21.9	20.0	109	40 - 160	P	03/28/2025	09:07	LB135228
	Silver	10.6	10.0	106	40 - 160	P	03/28/2025	09:07	LB135228
	Tin	34.8	40.0	87	40 - 160	P	03/28/2025	09:07	LB135228
	Zinc	40.3	40.0	101	40 - 160	P	03/28/2025	09:07	LB135228



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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	ENTACT				SDG No.:	Q1641				
Contract:	ENTA05	Lab Code:	CHEM		Case No.:	Q1641	SAS No.:	Q1641		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB63	Mercury	0.20	+/-0.20	U	0.20	CV	03/27/2025	12:12	LB135209	

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>ENTACT</u>				SDG No.:	<u>Q1641</u>			
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1641</u>	SAS No.:	<u>Q1641</u>		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB88	Mercury	0.20	+/-0.20	U	0.20	CV	03/27/2025	12:19	LB135209
CCB89	Mercury	0.20	+/-0.20	U	0.20	CV	03/27/2025	12:57	LB135209
CCB90	Mercury	0.20	+/-0.20	U	0.20	CV	03/27/2025	13:34	LB135209

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>ENTACT</u>		SDG No.: <u>Q1641</u>							
Contract: <u>ENTA05</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1641</u>	SAS No.: <u>Q1641</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	03/28/2025	09:03	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	09:03	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	09:03	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	09:03	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	09:03	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	09:03	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	09:03	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	09:03	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	09:03	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	09:03	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	09:03	LB135228
	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	09:03	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	09:03	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	09:03	LB135228

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>ENTACT</u>		SDG No.: <u>Q1641</u>							
Contract: <u>ENTA05</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1641</u>	SAS No.: <u>Q1641</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	03/28/2025	09:24	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	09:24	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	09:24	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	09:24	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	09:24	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	09:24	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	09:24	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	09:24	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	09:24	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	09:24	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	09:24	LB135228
	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	09:24	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	09:24	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	09:24	LB135228
CCB02	Aluminum	100	+/-100	U	100	P	03/28/2025	10:34	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	10:34	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	10:34	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	10:34	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	10:34	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	10:34	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	10:34	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	10:34	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	10:34	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	10:34	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	10:34	LB135228
	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	10:34	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	10:34	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	10:34	LB135228
CCB03	Aluminum	100	+/-100	U	100	P	03/28/2025	11:26	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	11:26	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	11:26	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	11:26	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	11:26	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	11:26	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	11:26	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	11:26	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	11:26	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	11:26	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	11:26	LB135228

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	ENTACT			SDG No.:	Q1641				
Contract:	ENTA05	Lab Code:	CHEM	Case No.:	Q1641	SAS No.:		Q1641	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	11:26	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	11:26	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	11:26	LB135228
CCB04	Aluminum	100	+/-100	U	100	P	03/28/2025	12:18	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	12:18	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	12:18	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	12:18	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	12:18	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	12:18	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	12:18	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	12:18	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	12:18	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	12:18	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	12:18	LB135228
	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	12:18	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	12:18	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	12:18	LB135228
CCB05	Aluminum	100	+/-100	U	100	P	03/28/2025	13:05	LB135228
	Arsenic	20.0	+/-20.0	U	20.0	P	03/28/2025	13:05	LB135228
	Barium	100	+/-100	U	100	P	03/28/2025	13:05	LB135228
	Cadmium	6.00	+/-6.00	U	6.00	P	03/28/2025	13:05	LB135228
	Chromium	10.0	+/-10.0	U	10.0	P	03/28/2025	13:05	LB135228
	Cobalt	30.0	+/-30.0	U	30.0	P	03/28/2025	13:05	LB135228
	Copper	20.0	+/-20.0	U	20.0	P	03/28/2025	13:05	LB135228
	Iron	100	+/-100	U	100	P	03/28/2025	13:05	LB135228
	Lead	12.0	+/-12.0	U	12.0	P	03/28/2025	13:05	LB135228
	Nickel	40.0	+/-40.0	U	40.0	P	03/28/2025	13:05	LB135228
	Selenium	20.0	+/-20.0	U	20.0	P	03/28/2025	13:05	LB135228
	Silver	10.0	+/-10.0	U	10.0	P	03/28/2025	13:05	LB135228
	Tin	40.0	+/-40.0	U	40.0	P	03/28/2025	13:05	LB135228
	Zinc	40.0	+/-40.0	U	40.0	P	03/28/2025	13:05	LB135228

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1641

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167356BL		WATER		Batch Number:	PB167356		Prep Date:	03/26/2025	
	Mercury	0.20	<0.20	U	0.20	CV	03/27/2025	12:33	LB135209

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1641

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167355BL	WATER			Batch Number:	PB167355		Prep Date:	03/27/2025	
	Aluminum	50.0	<50.0	U	50.0	P	03/28/2025	12:35	LB135228
	Arsenic	10.0	<10.0	U	10.0	P	03/28/2025	12:35	LB135228
	Barium	50.0	<50.0	U	50.0	P	03/28/2025	12:35	LB135228
	Cadmium	3.00	<3.00	U	3.00	P	03/28/2025	12:35	LB135228
	Chromium	5.00	<5.00	U	5.00	P	03/28/2025	12:35	LB135228
	Cobalt	15.0	<15.0	U	15.0	P	03/28/2025	12:35	LB135228
	Copper	10.0	<10.0	U	10.0	P	03/28/2025	12:35	LB135228
	Iron	50.0	<50.0	U	50.0	P	03/28/2025	12:35	LB135228
	Lead	6.00	<6.00	U	6.00	P	03/28/2025	12:35	LB135228
	Nickel	20.0	<20.0	U	20.0	P	03/28/2025	12:35	LB135228
	Selenium	10.0	<10.0	U	10.0	P	03/28/2025	12:35	LB135228
	Silver	5.00	<5.00	U	5.00	P	03/28/2025	12:35	LB135228
	Tin	20.0	<20.0	U	20.0	P	03/28/2025	12:35	LB135228
	Zinc	20.0	<20.0	U	20.0	P	03/28/2025	12:35	LB135228

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	248000	255000	97	216000	294000	03/28/2025	09:11	LB135228
	Arsenic	3.80			-20	20	03/28/2025	09:11	LB135228
	Barium	2.63	6.0	44	-94	106	03/28/2025	09:11	LB135228
	Cadmium	-2.92	1.0	292	-5	7	03/28/2025	09:11	LB135228
	Chromium	57.5	52.0	111	42	62	03/28/2025	09:11	LB135228
	Cobalt	1.30			-30	30	03/28/2025	09:11	LB135228
	Copper	4.74	2.0	237	-18	22	03/28/2025	09:11	LB135228
	Iron	93000	101000	92	85600	116500	03/28/2025	09:11	LB135228
	Lead	4.96			-12	12	03/28/2025	09:11	LB135228
	Nickel	2.47	2.0	124	-38	42	03/28/2025	09:11	LB135228
	Selenium	-2.90			-20	20	03/28/2025	09:11	LB135228
	Silver	0.37			-10	10	03/28/2025	09:11	LB135228
	Tin	-2.62	1000		-40	40	03/28/2025	09:11	LB135228
	Zinc	3.14			-40	40	03/28/2025	09:11	LB135228
ICSAB01	Aluminum	247000	247000	100	209000	285000	03/28/2025	09:16	LB135228
	Arsenic	109	104	105	88.4	120	03/28/2025	09:16	LB135228
	Barium	453	537	84	437	637	03/28/2025	09:16	LB135228
	Cadmium	989	972	102	826	1120	03/28/2025	09:16	LB135228
	Chromium	574	542	106	460	624	03/28/2025	09:16	LB135228
	Cobalt	503	476	106	404	548	03/28/2025	09:16	LB135228
	Copper	501	511	98	434	588	03/28/2025	09:16	LB135228
	Iron	92900	99300	94	84400	114500	03/28/2025	09:16	LB135228
	Lead	54.5	49.0	111	37	61	03/28/2025	09:16	LB135228
	Nickel	999	954	105	810	1100	03/28/2025	09:16	LB135228
	Selenium	43.8	46.0	95	26	66	03/28/2025	09:16	LB135228
	Silver	197	201	98	170	232	03/28/2025	09:16	LB135228
	Tin	1070	1000	107	850	1150	03/28/2025	09:16	LB135228
	Zinc	1070	952	112	809	1095	03/28/2025	09:16	LB135228



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q1641
contract: ENTA05 **lab code:** CHEM **case no.:** Q1641 **sas no.:** Q1641
matrix: Water **sample id:** Q1655-01 **client id:** TANK-COMPMS
Percent Solids for Sample: NA **Spiked ID:** Q1655-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		37.0	J	1000	98		P
Arsenic	ug/L	75 - 125	410		10.0	U	400	102		P
Barium	ug/L	75 - 125	103		7.82	J	100	95		P
Cadmium	ug/L	75 - 125	99.5		3.00	U	100	100		P
Chromium	ug/L	75 - 125	213		5.00	U	200	106		P
Cobalt	ug/L	75 - 125	101		15.0	U	100	101		P
Copper	ug/L	75 - 125	152		10.0	U	150	101		P
Iron	ug/L	75 - 125	7560		6430		1500	75		P
Lead	ug/L	75 - 125	479		6.00	U	500	96		P
Nickel	ug/L	75 - 125	254		2.91	J	250	100		P
Selenium	ug/L	75 - 125	993		10.0	U	1000	99		P
Silver	ug/L	75 - 125	39.3		5.00	U	37.5	105		P
Tin	ug/L	75 - 125	348		20.0	U	350	99		P
Zinc	ug/L	75 - 125	125		20.6		100	105		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q1641
contract: ENTA05 **lab code:** CHEM **case no.:** Q1641 **sas no.:** Q1641
matrix: Water **sample id:** Q1655-01 **client id:** TANK-COMPMSD
Percent Solids for Sample: NA **Spiked ID:** Q1655-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		37.0	J	1000	99		P
Arsenic	ug/L	75 - 125	404		10.0	U	400	101		P
Barium	ug/L	75 - 125	99.7		7.82	J	100	92		P
Cadmium	ug/L	75 - 125	99.8		3.00	U	100	100		P
Chromium	ug/L	75 - 125	210		5.00	U	200	105		P
Cobalt	ug/L	75 - 125	101		15.0	U	100	101		P
Copper	ug/L	75 - 125	152		10.0	U	150	101		P
Iron	ug/L	75 - 125	7280		6430		1500	57		P
Lead	ug/L	75 - 125	481		6.00	U	500	96		P
Nickel	ug/L	75 - 125	255		2.91	J	250	101		P
Selenium	ug/L	75 - 125	975		10.0	U	1000	98		P
Silver	ug/L	75 - 125	38.8		5.00	U	37.5	104		P
Tin	ug/L	75 - 125	349		20.0	U	350	100		P
Zinc	ug/L	75 - 125	124		20.6		100	104		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q1641
contract: ENTA05 **lab code:** CHEM **case no.:** Q1641 **sas no.:** Q1641
matrix: Water **sample id:** Q1659-02 **client id:** 3809MS
Percent Solids for Sample: NA **Spiked ID:** Q1659-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.50		0.20	U	4.0	62	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>ENTACT</u>	level: <u>low</u>	sdg no.: <u>Q1641</u>
contract: <u>ENTA05</u>	lab code: <u>CHEM</u>	case no.: <u>Q1641</u> sas no.: <u>Q1641</u>
matrix: <u>Water</u>	sample id: <u>Q1659-02</u>	client id: <u>3809MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1659-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.29		0.20	U	4.0	57	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
Matrix: Water **Level:** LOW **Client ID:** 3809A
Sample ID: Q1659-02 **Spiked ID:** Q1659-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.97		0.20	U	4.00	74		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
Matrix: Water **Sample ID:** Q1655-01 **Client ID:** TANK-COMPDUP
Percent Solids for Sample: NA **Duplicate ID** Q1655-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	37.0	J	32.8	J	12		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	7.82	J	8.02	J	3		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	6430		6350		1		P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	2.91	J	2.92	J	0		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Tin	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	20.6		20.6		0		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
Matrix: Water **Sample ID:** Q1655-01MS **Client ID:** TANK-COMPMSD
Percent Solids for Sample: NA **Duplicate ID** Q1655-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1020		1020		0		P
Arsenic	ug/L	20	410		404		1		P
Barium	ug/L	20	103		99.7		3		P
Cadmium	ug/L	20	99.5		99.8		0		P
Chromium	ug/L	20	213		210		1		P
Cobalt	ug/L	20	101		101		0		P
Copper	ug/L	20	152		152		0		P
Iron	ug/L	20	7560		7280		4		P
Lead	ug/L	20	479		481		0		P
Nickel	ug/L	20	254		255		0		P
Selenium	ug/L	20	993		975		2		P
Silver	ug/L	20	39.3		38.8		1		P
Tin	ug/L	20	348		349		0		P
Zinc	ug/L	20	125		124		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ENTACT</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1641</u>
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1641</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1659-02</u>	Client ID:	<u>3809DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1659-02DUP	Percent Solids for Spike Sample:	NA

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641
Matrix: Water **Sample ID:** Q1659-02MS **Client ID:** 3809MSD
Percent Solids for Sample: NA **Duplicate ID** Q1659-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.50		2.29		9		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT SDG No.: Q1641
Contract: ENTA05 Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167355BS							
Aluminum	ug/L	1000	905		90	80 - 120	P
Arsenic	ug/L	400	370		92	80 - 120	P
Barium	ug/L	100	83.4		83	80 - 120	P
Cadmium	ug/L	100	91.2		91	80 - 120	P
Chromium	ug/L	200	195		98	80 - 120	P
Cobalt	ug/L	100	92.2		92	80 - 120	P
Copper	ug/L	150	148		99	80 - 120	P
Iron	ug/L	1500	1370		91	80 - 120	P
Lead	ug/L	500	453		91	80 - 120	P
Nickel	ug/L	250	234		94	80 - 120	P
Selenium	ug/L	1000	941		94	80 - 120	P
Silver	ug/L	37.5	36.1		96	80 - 120	P
Tin	ug/L	350	325		93	80 - 120	P
Zinc	ug/L	100	98.5		98	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT **SDG No.:** Q1641
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1641 **SAS No.:** Q1641

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167356BS Mercury	ug/L	4.0	4.33		108	82 - 119	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

TANK-COMPL

Lab Name: Chemtech Consulting Group

Contract: ENTA05

Lab Code: CHEM Lb No.: lb135228 Lab Sample ID : Q1655-01L SDG No.: Q1641

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			
Aluminum	37.0	J	250	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	7.82	J	250	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	6430		5830		9		P
Lead	6.00	U	30.0	U			P
Nickel	2.91	J	100	U	100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Tin	20.0	U	100	U			P
Zinc	20.6		16.6	J	20		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

3809L

Lab Name: Chemtech Consulting Group

Contract: ENTA05

Lab Code: CHEM

Lb No.: lb135209

Lab Sample ID : Q1659-02L

SDG No.: Q1641

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

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



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1641

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1641

SAS No.: Q1641

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
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
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1641

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1641

SAS No.: Q1641

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1641

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1641

SAS No.: Q1641

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
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
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
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1641

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1641

SAS No.: Q1641

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
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
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1641

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1641

SAS No.: Q1641

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>ENTACT</u>	SDG No.:	<u>Q1641</u>
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1641</u>
		SAS No.:	<u>Q1641</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167355							
PB167355BL	PB167355BL	MB	WATER	03/27/2025	50.0	25.0	
PB167355BS	PB167355BS	LCS	WATER	03/27/2025	50.0	25.0	
Q1641-02	NP-WS-003	SAM	WATER	03/27/2025	50.0	25.0	
Q1655-01DUP	TANK-COMPDUP	DUP	WATER	03/27/2025	50.0	25.0	
Q1655-01MS	TANK-COMPMS	MS	WATER	03/27/2025	50.0	25.0	
Q1655-01MSD	TANK-COMPMSD	MSD	WATER	03/27/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>ENTACT</u>	SDG No.:	<u>Q1641</u>
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1641</u>
		SAS No.:	<u>Q1641</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167356							
PB167356BL	PB167356BL	MB	WATER	03/26/2025	30.0	30.0	
PB167356BS	PB167356BS	LCS	WATER	03/26/2025	30.0	30.0	
Q1641-02	NP-WS-003	SAM	WATER	03/26/2025	30.0	30.0	
Q1659-02DUP	3809DUP	DUP	WATER	03/26/2025	30.0	30.0	
Q1659-02MS	3809MS	MS	WATER	03/26/2025	30.0	30.0	
Q1659-02MSD	3809MSD	MSD	WATER	03/26/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q1641 **Sas no.:** Q1641 **Sdg no.:** Q1641

Instrument id number: **Method:** **Run number:** LB135209

Start date: 03/27/2025 **End date:** 03/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1131	HG
S0.2	S0.2	1	1133	HG
S2.5	S2.5	1	1135	HG
S5	S5	1	1138	HG
S7.5	S7.5	1	1140	HG
S10	S10	1	1145	HG
ICV63	ICV63	1	1209	HG
ICB63	ICB63	1	1212	HG
CCV88	CCV88	1	1216	HG
CCB88	CCB88	1	1219	HG
CRA	CRA	1	1221	HG
PB167356BL	PB167356BL	1	1233	HG
PB167356BS	PB167356BS	1	1235	HG
Q1641-02	NP-WS-003	1	1247	HG
CCV89	CCV89	1	1254	HG
CCB89	CCB89	1	1257	HG
Q1659-02DUP	3809DUP	1	1306	HG
Q1659-02MS	3809MS	1	1308	HG
Q1659-02MSD	3809MSD	1	1310	HG
Q1659-02L	3809L	5	1312	HG
Q1659-02A	3809A	1	1315	HG
CCV90	CCV90	1	1332	HG
CCB90	CCB90	1	1334	HG

metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q1641 **Sas no.:** Q1641 **Sdg no.:** Q1641

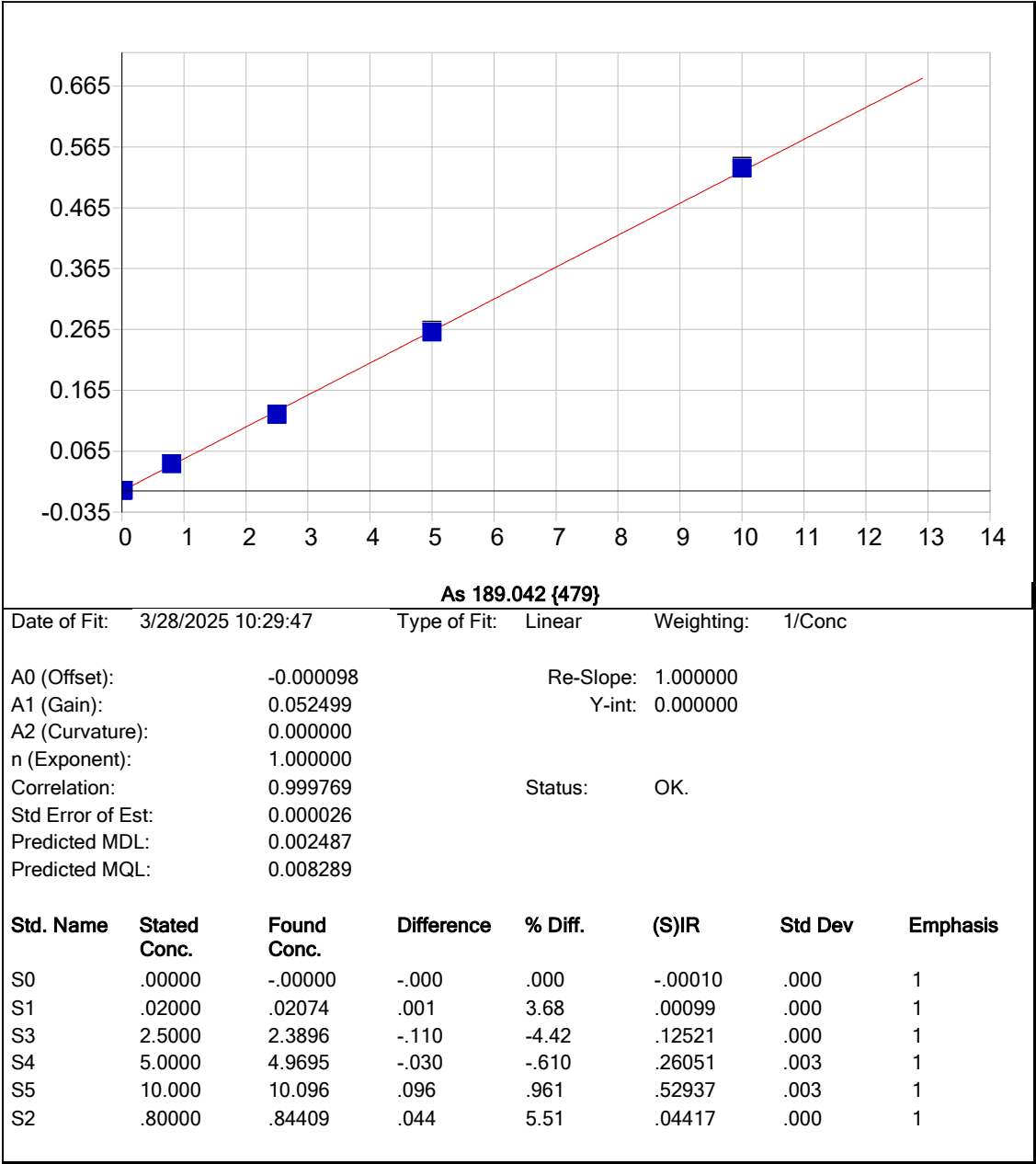
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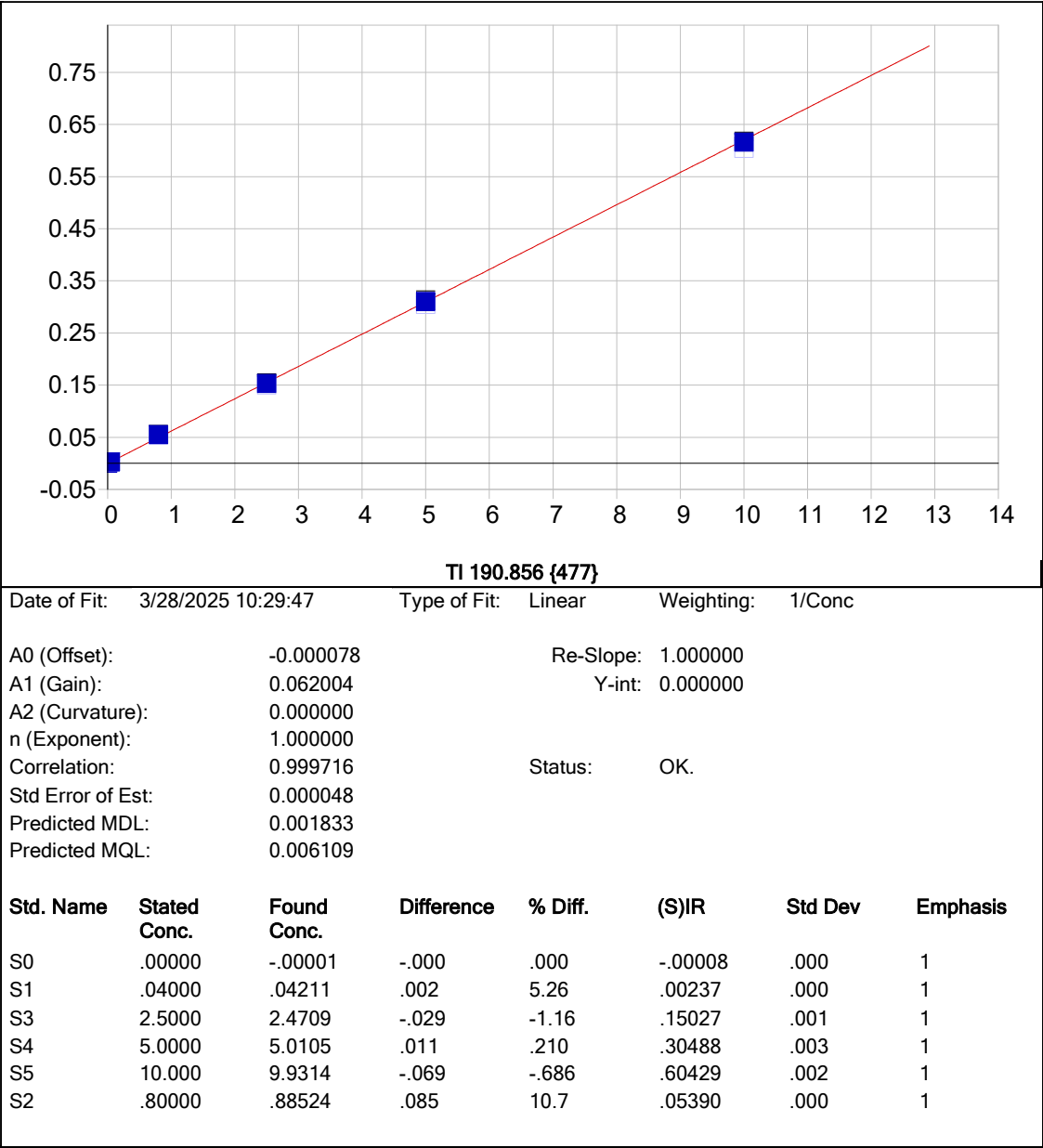
Start date: 03/28/2025 **End date:** 03/28/2025

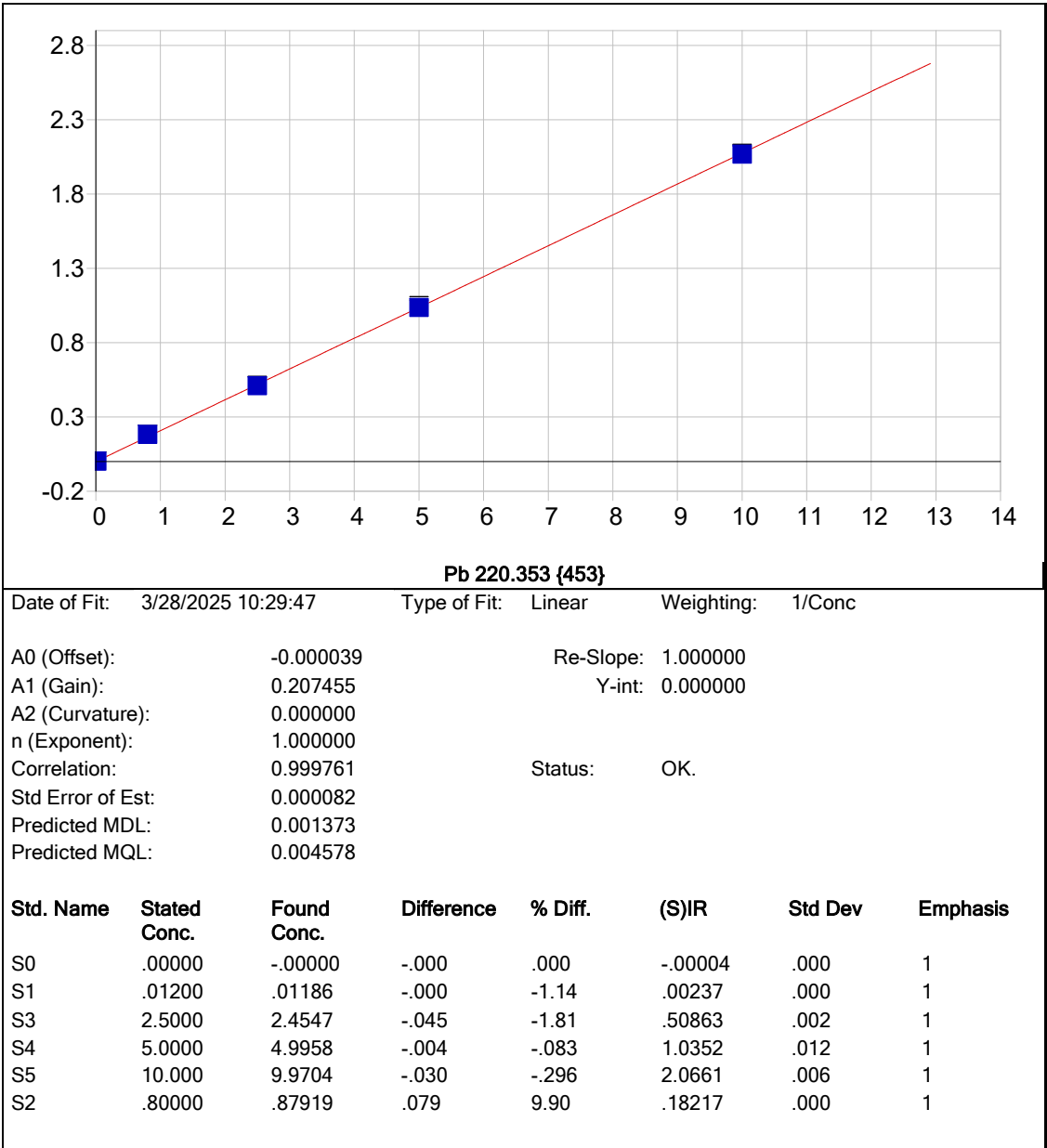
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0828	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
S1	S1	1	0832	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
S2	S2	1	0836	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
S3	S3	1	0841	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
S4	S4	1	0845	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
S5	S5	1	0849	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
ICV01	ICV01	1	0853	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
LLICV01	LLICV01	1	0859	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
ICB01	ICB01	1	0903	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CRI01	CRI01	1	0907	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
ICSA01	ICSA01	1	0911	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
ICSAB01	ICSAB01	1	0916	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCV01	CCV01	1	0920	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCB01	CCB01	1	0924	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCV02	CCV02	1	1030	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCB02	CCB02	1	1034	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCV03	CCV03	1	1122	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCB03	CCB03	1	1126	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
Q1641-02	NP-WS-003	1	1143	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
Q1655-01DUP	TANK-COMPDUP	1	1200	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
Q1655-01L	TANK-COMPL	5	1205	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
Q1655-01MS	TANK-COMPMS	1	1209	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCV04	CCV04	1	1213	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCB04	CCB04	1	1218	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
Q1655-01MSD	TANK-COMPMSD	1	1222	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
PB167355BL	PB167355BL	1	1235	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
PB167355BS	PB167355BS	1	1240	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCV05	CCV05	1	1301	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn
CCB05	CCB05	1	1305	Ag,Al,As,Ba,Cd,Co,Cr,Cu,Fe,Ni,Pb,Se,Sn,Zn

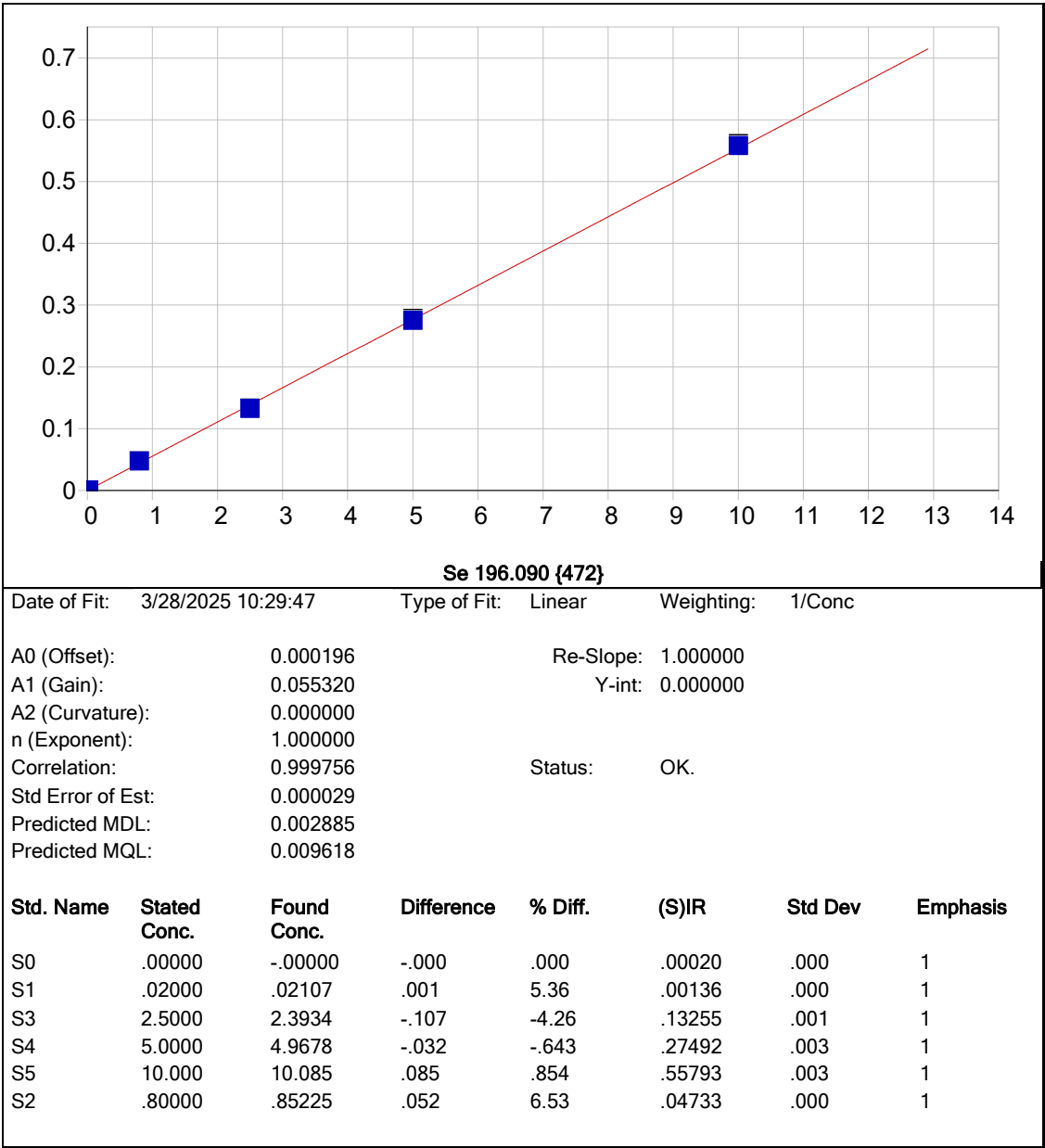


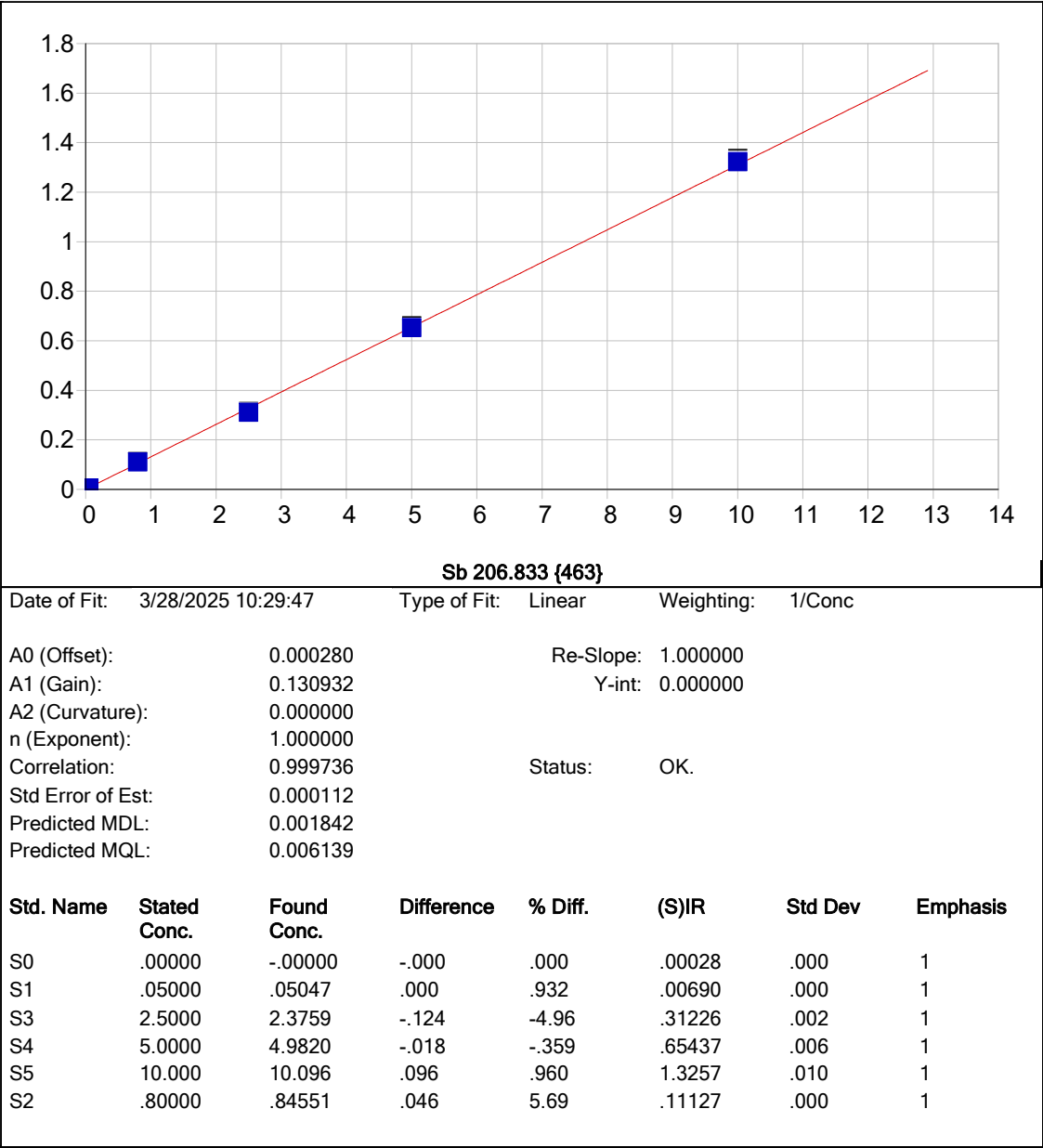
METAL RAW DATA

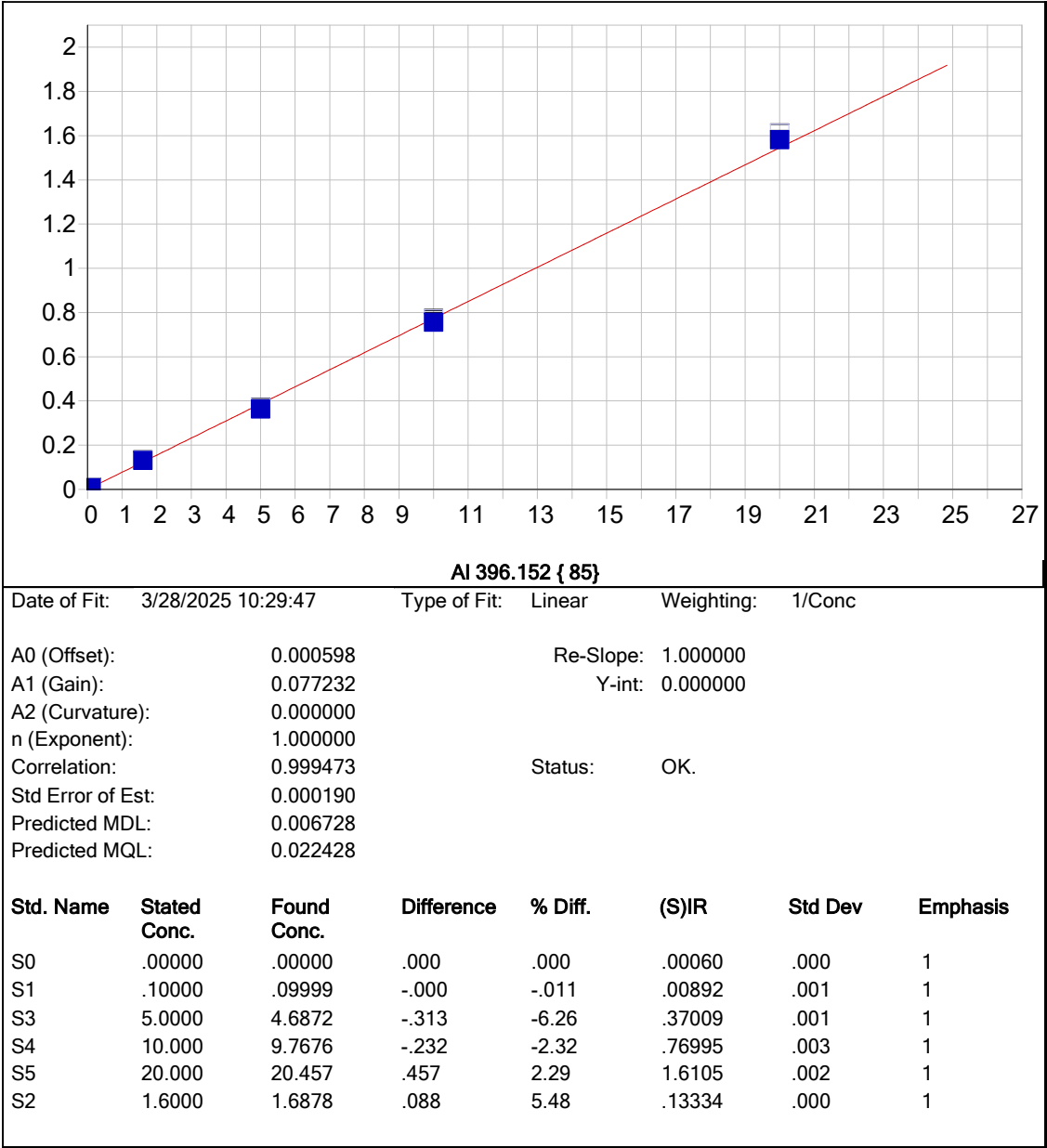


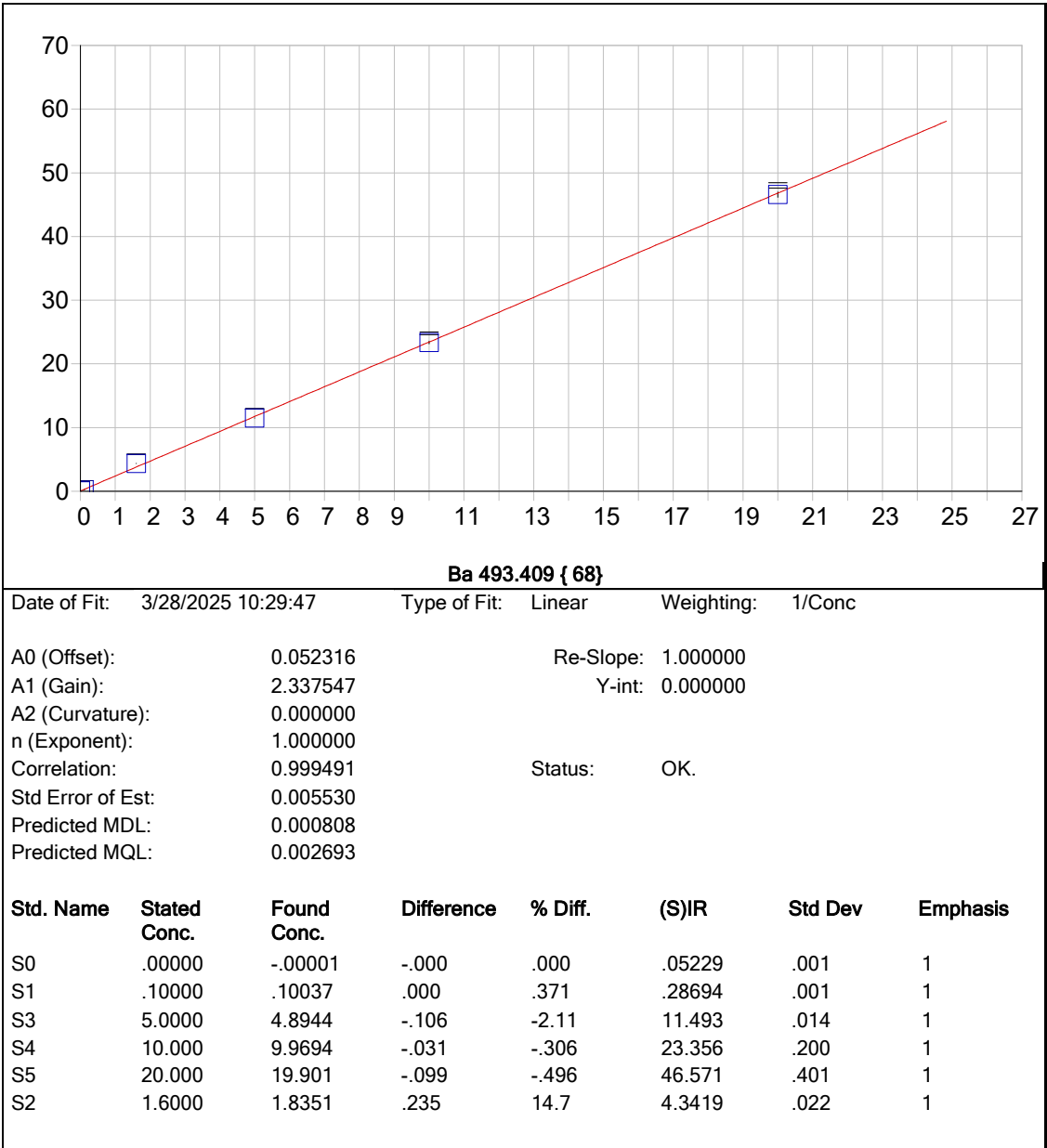


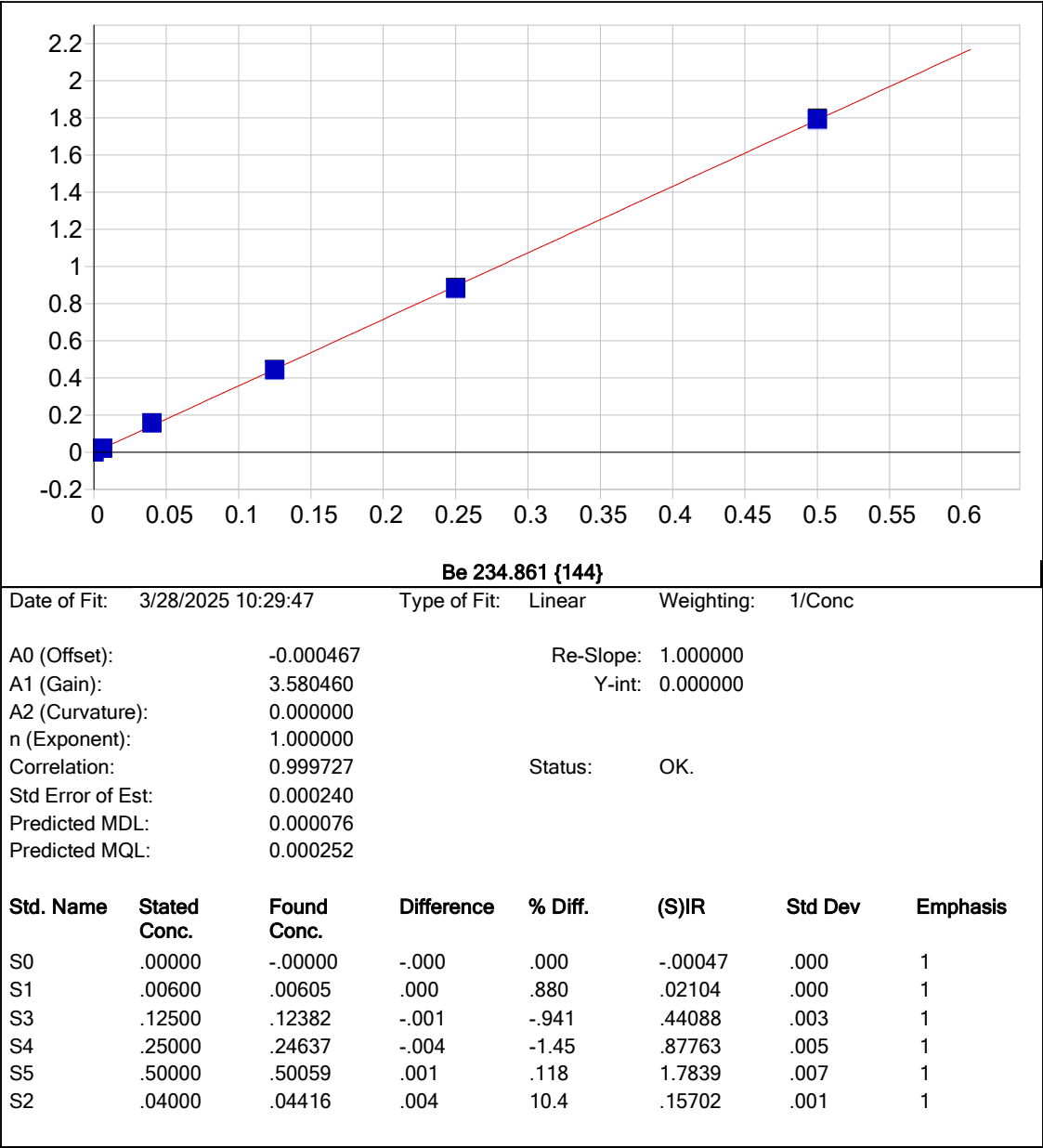


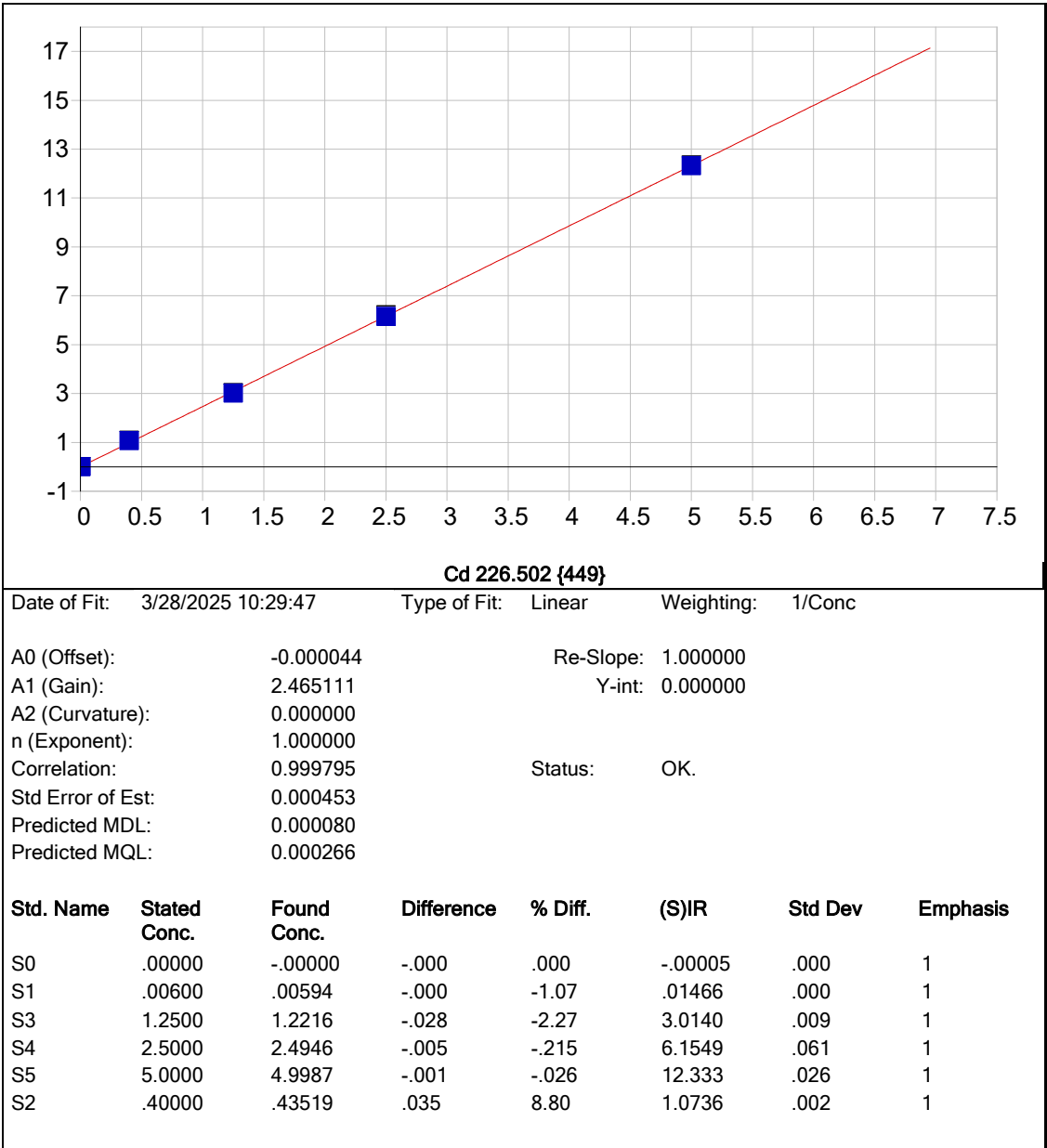


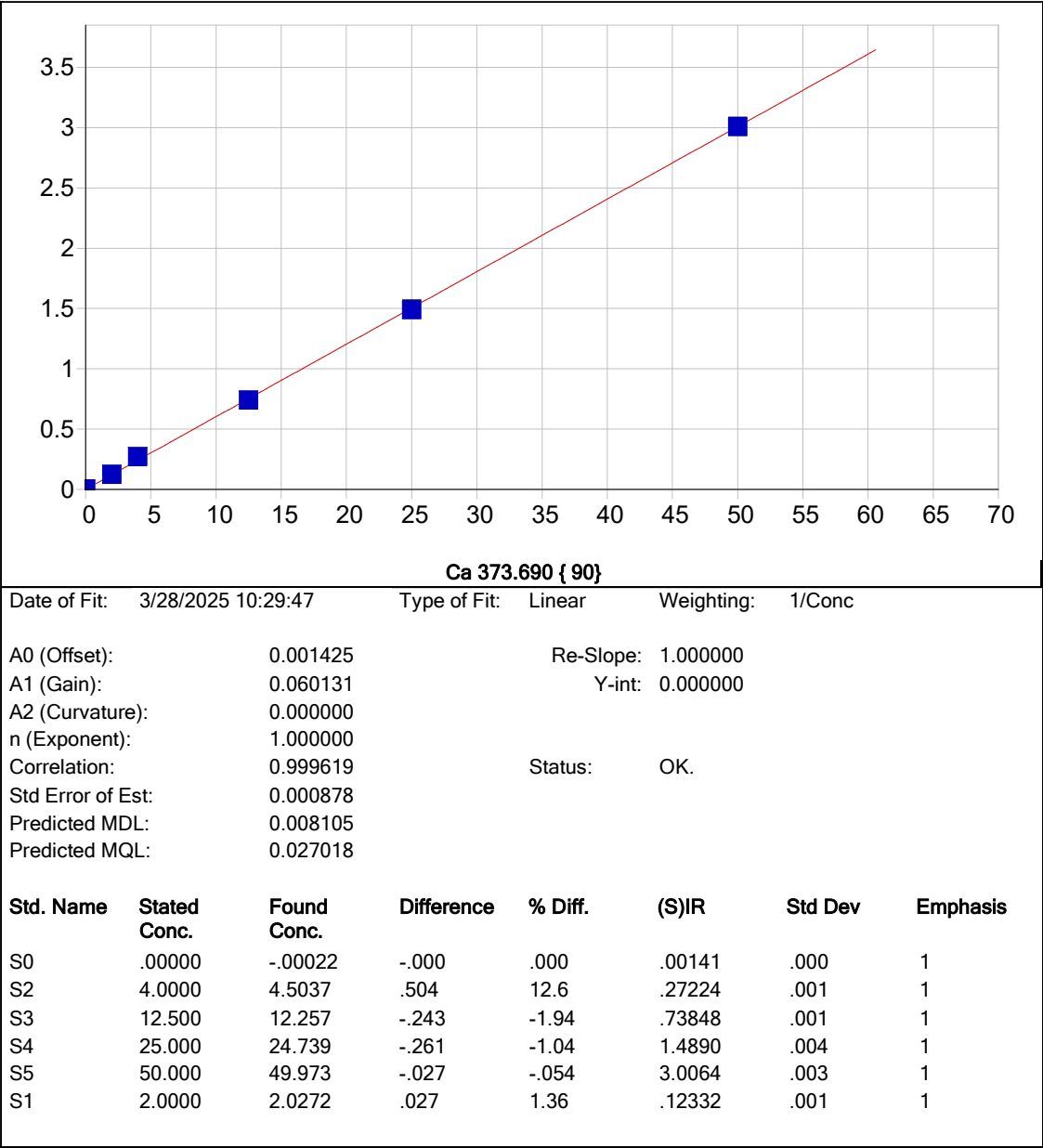


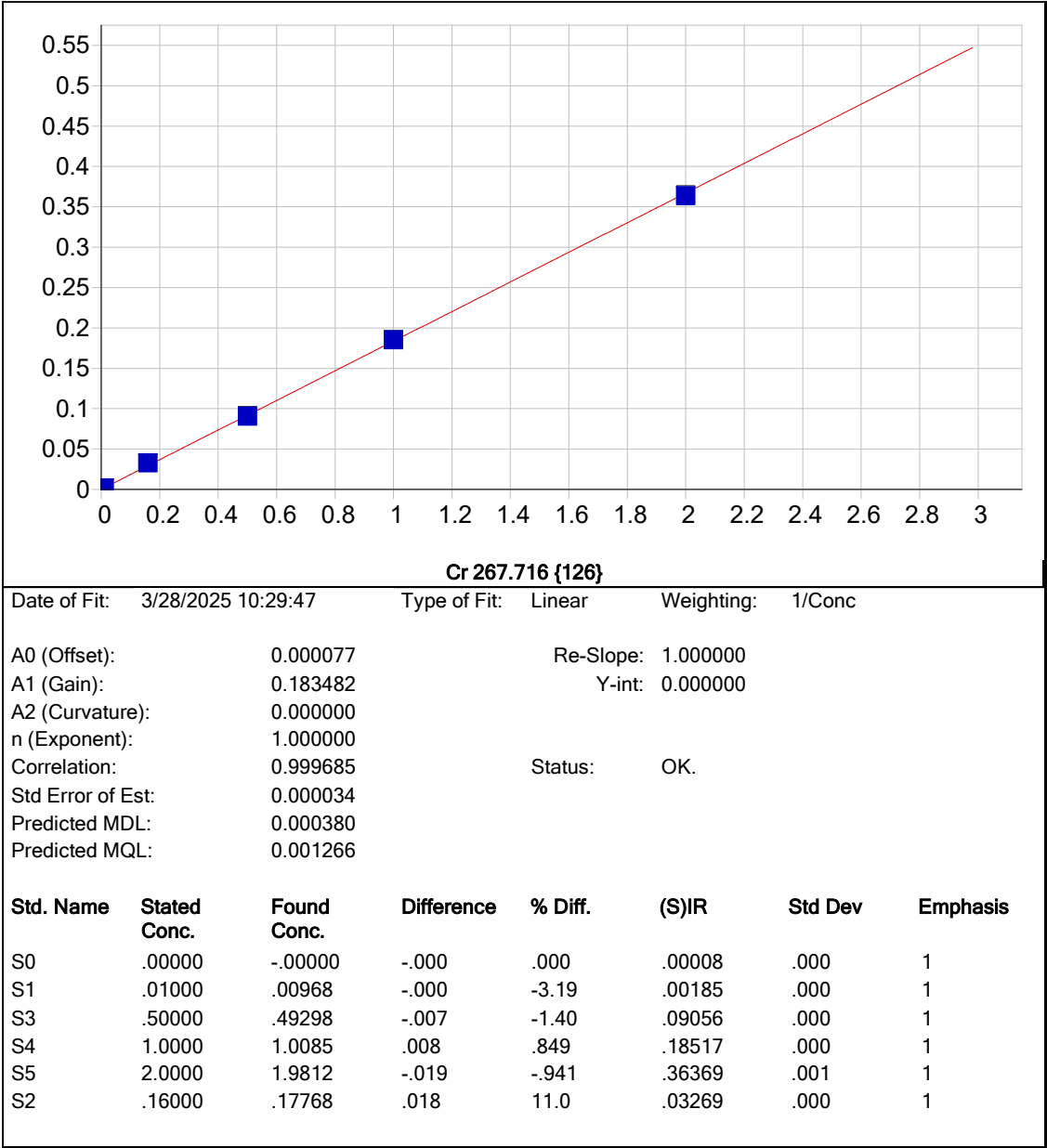


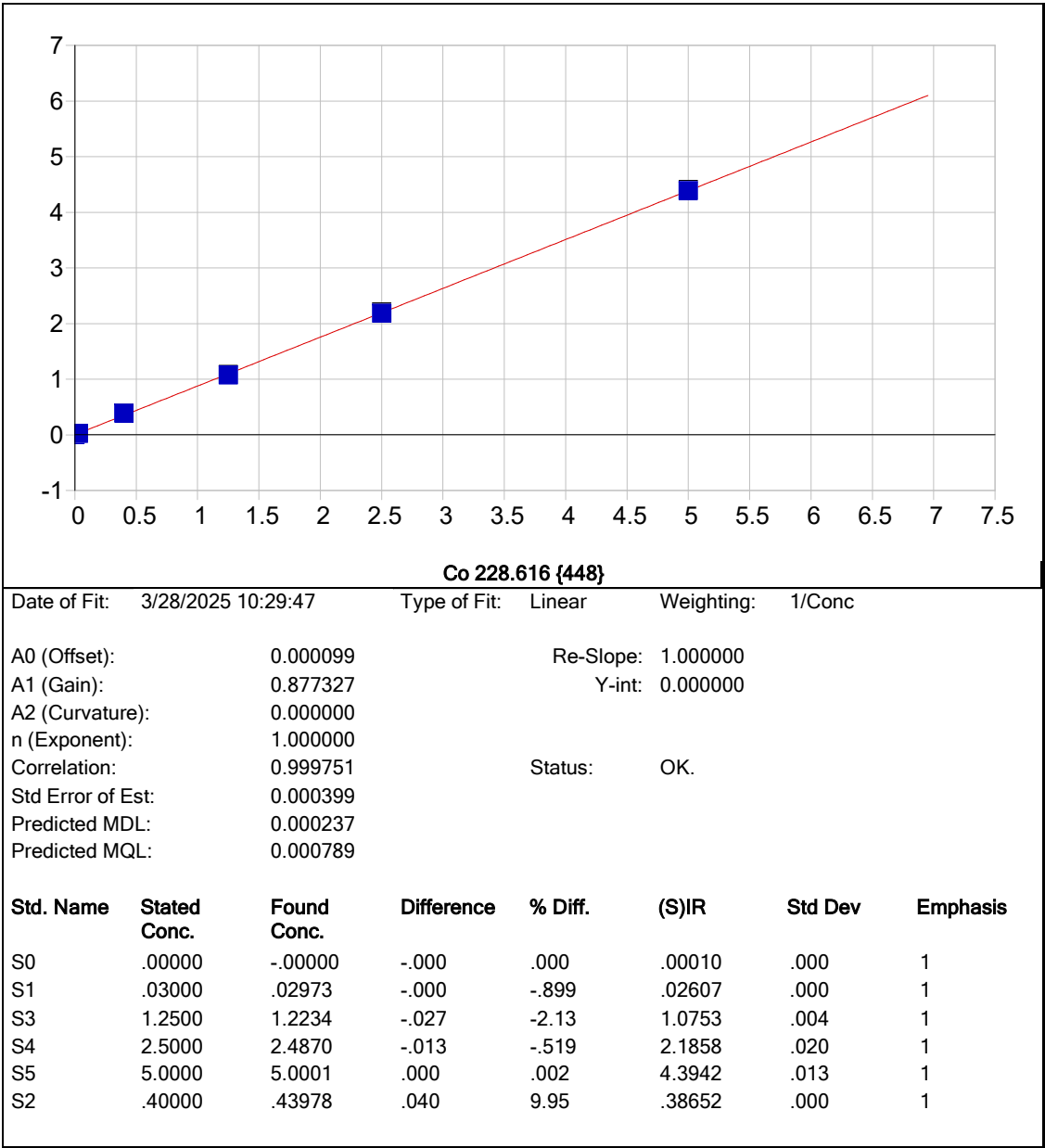


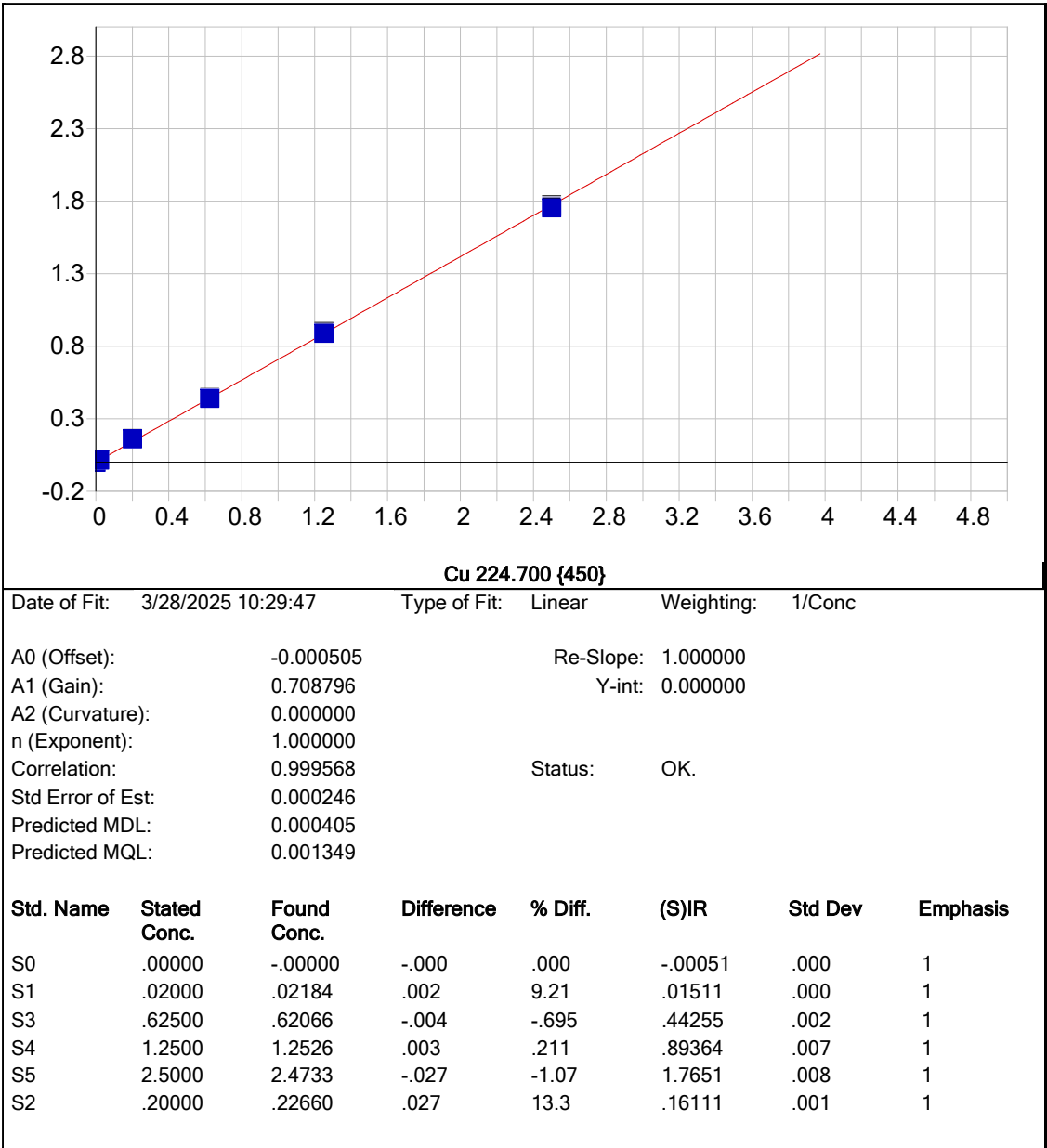


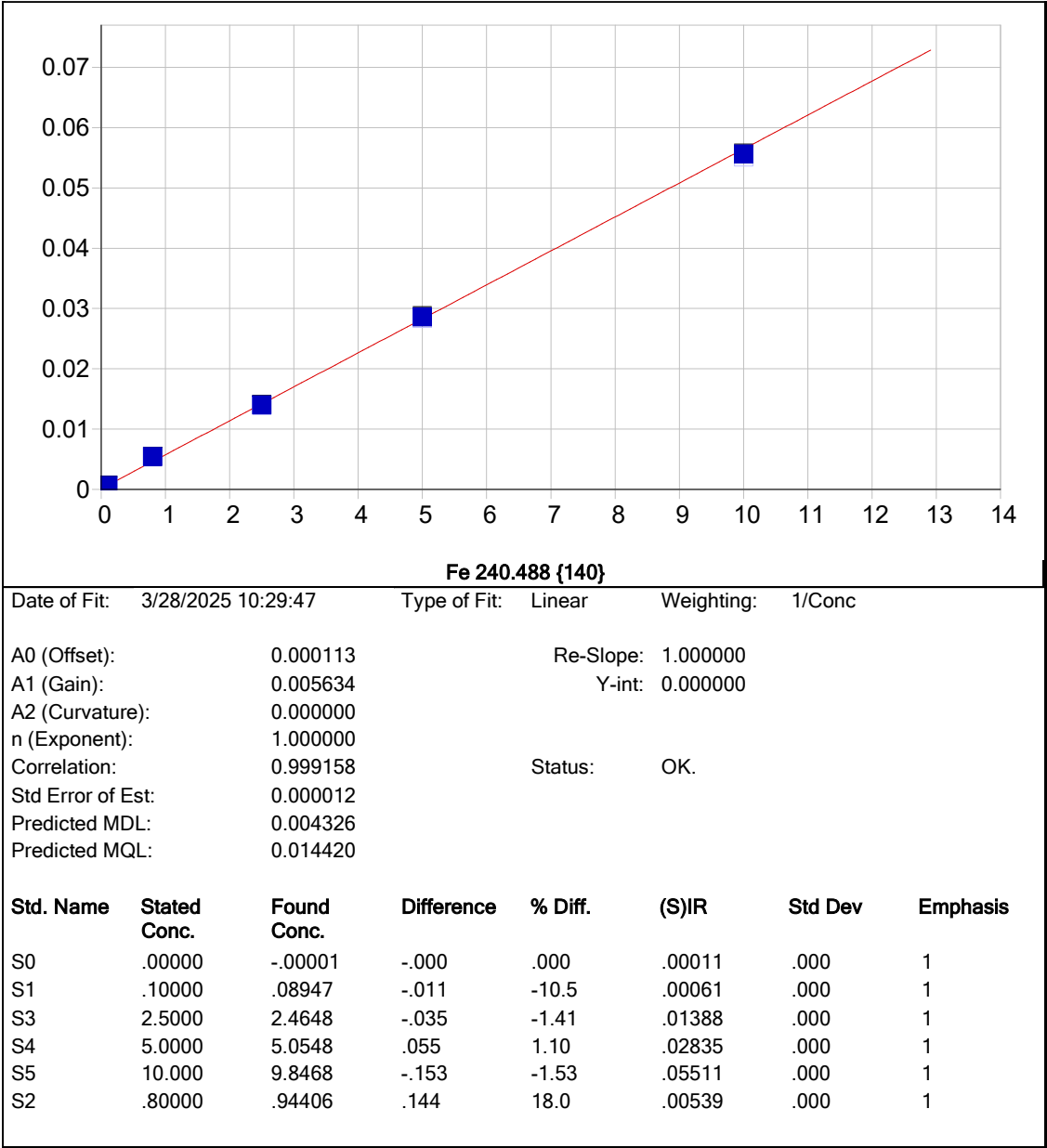


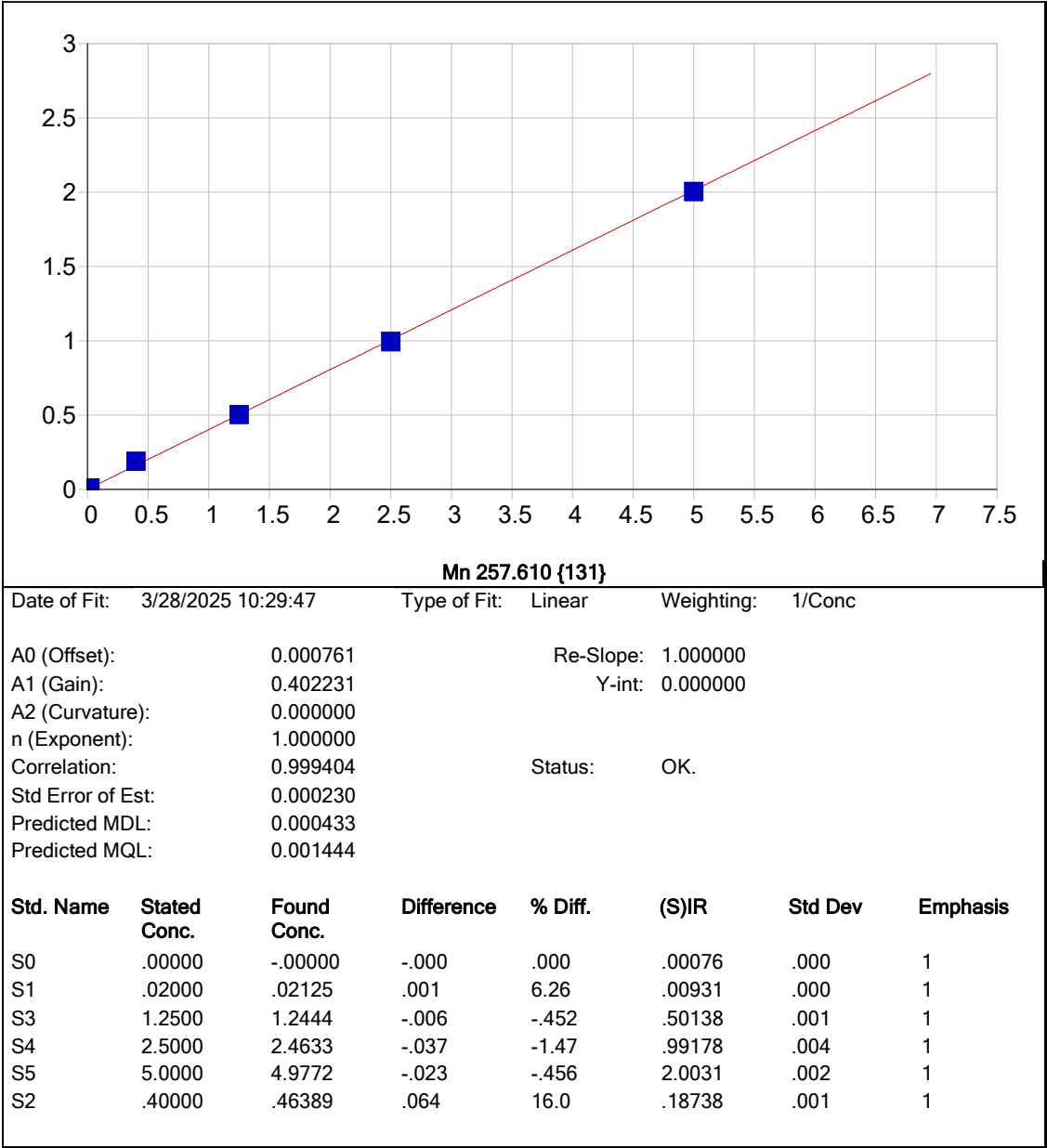


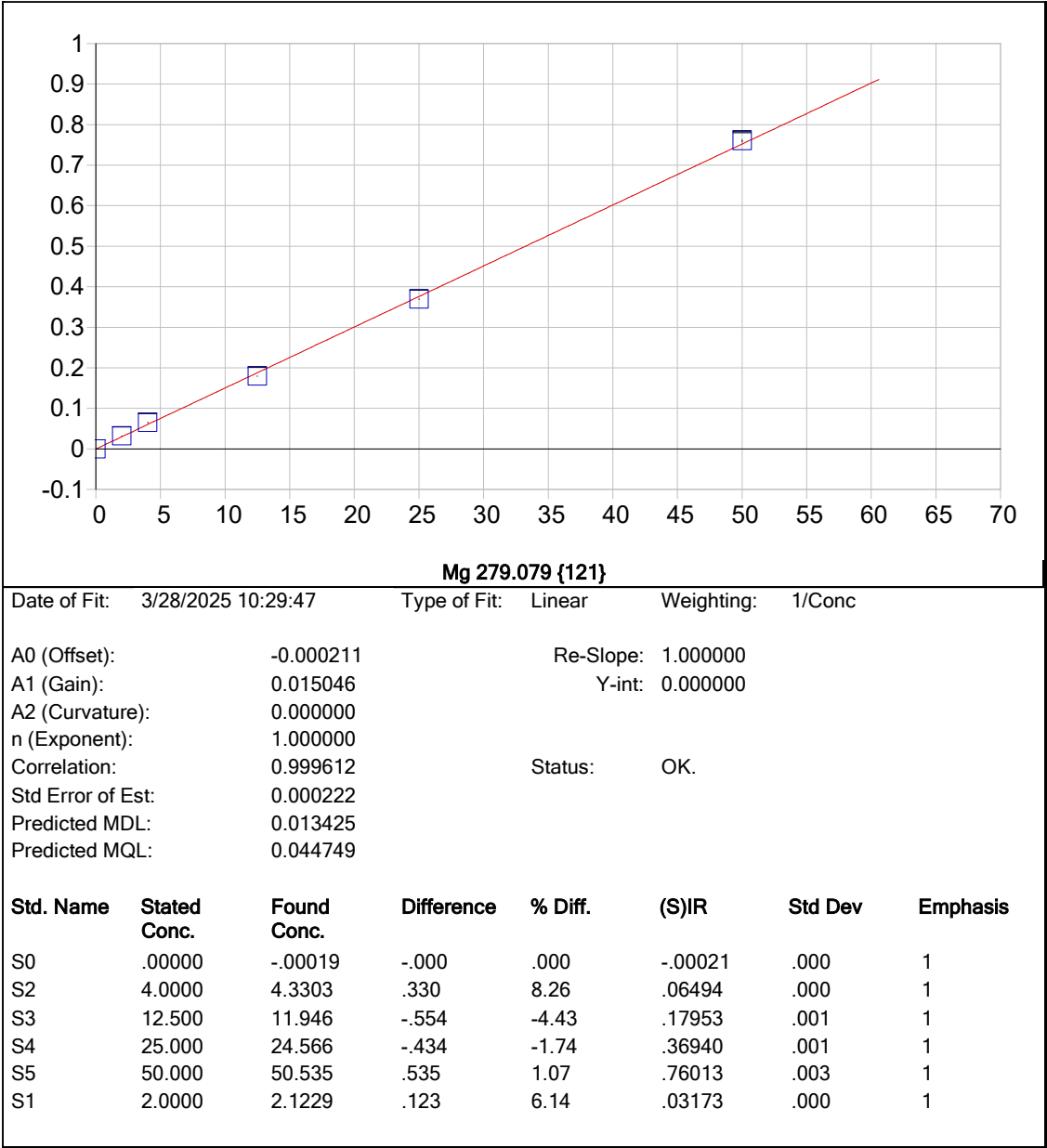


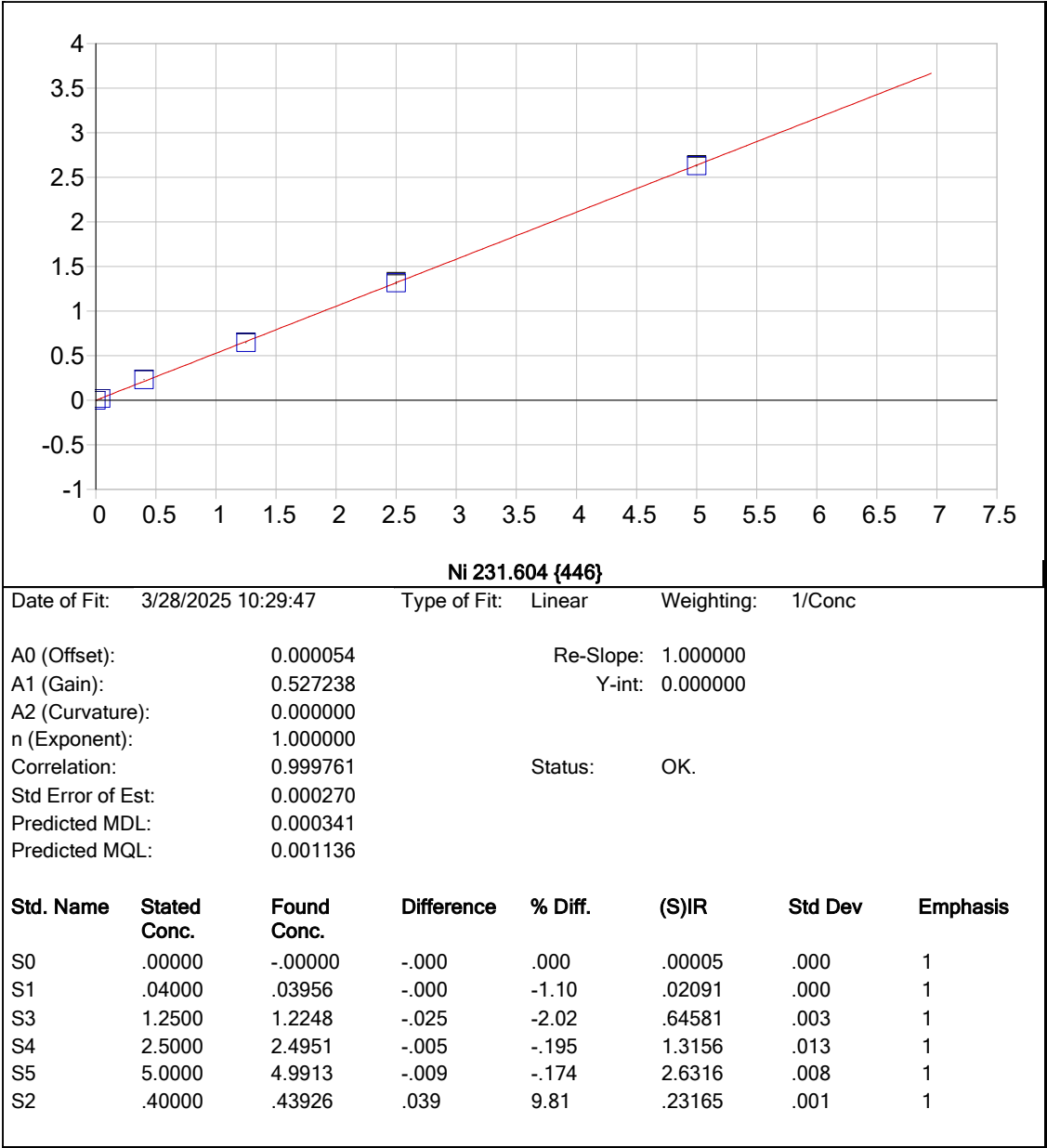


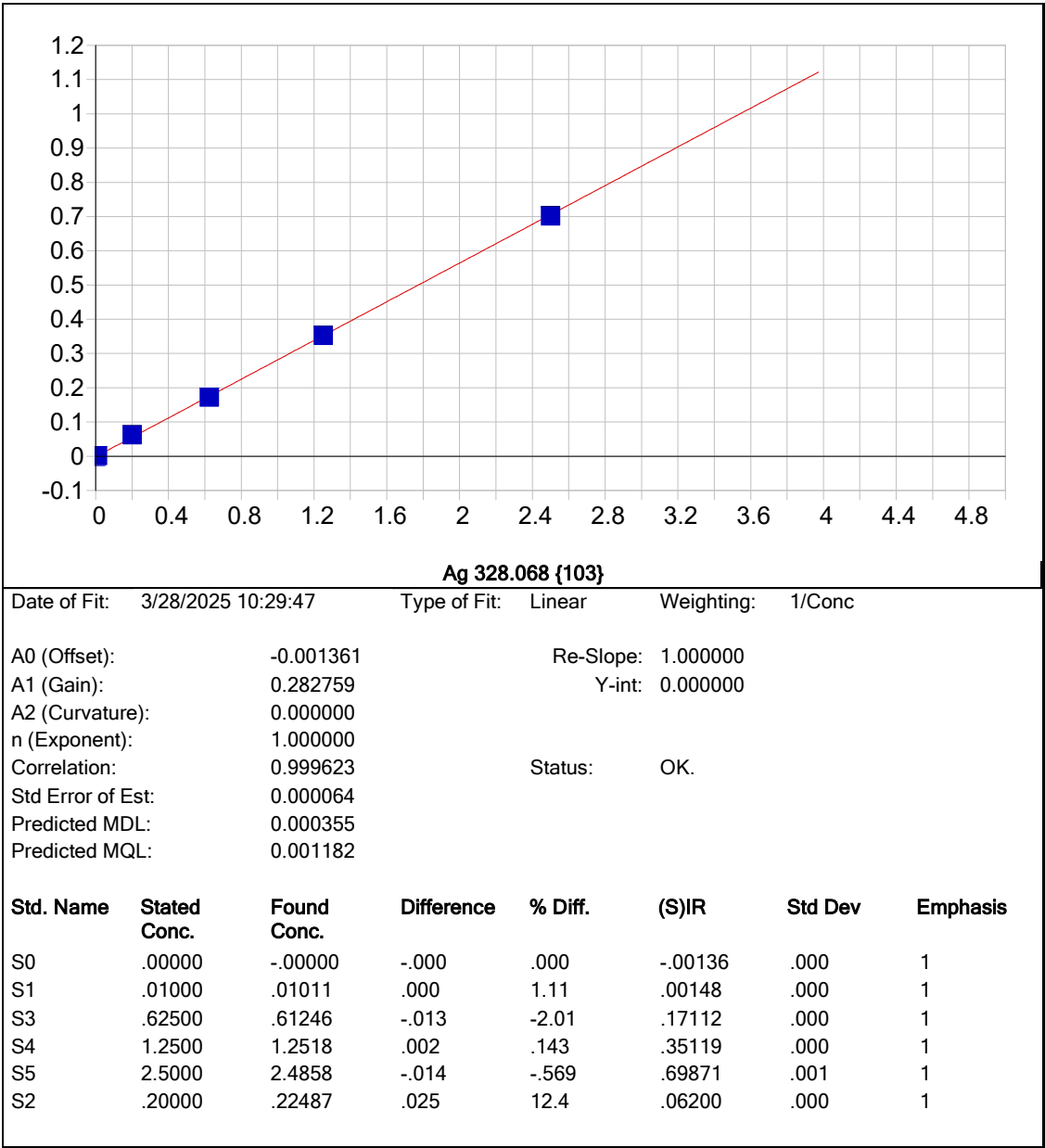


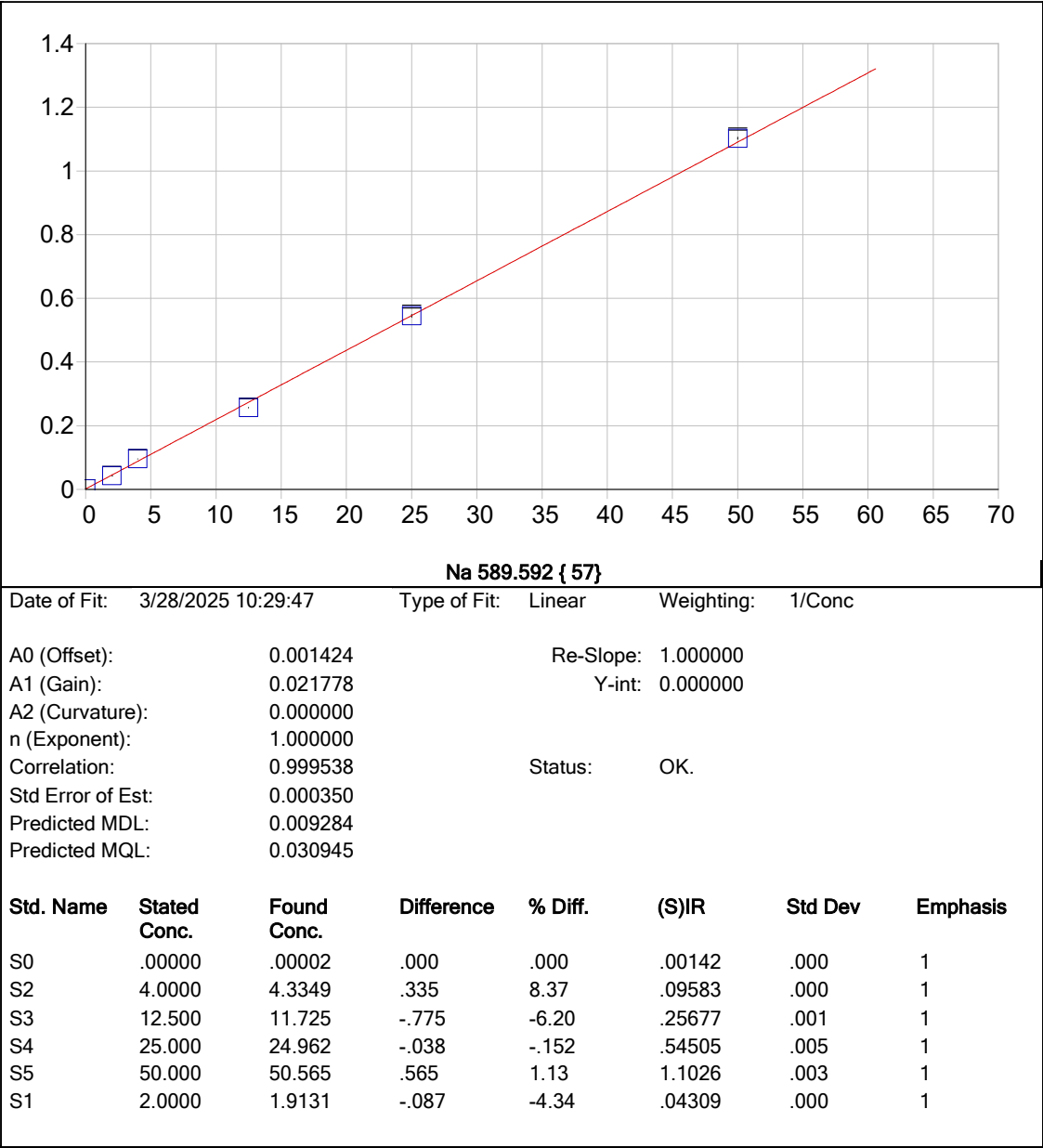


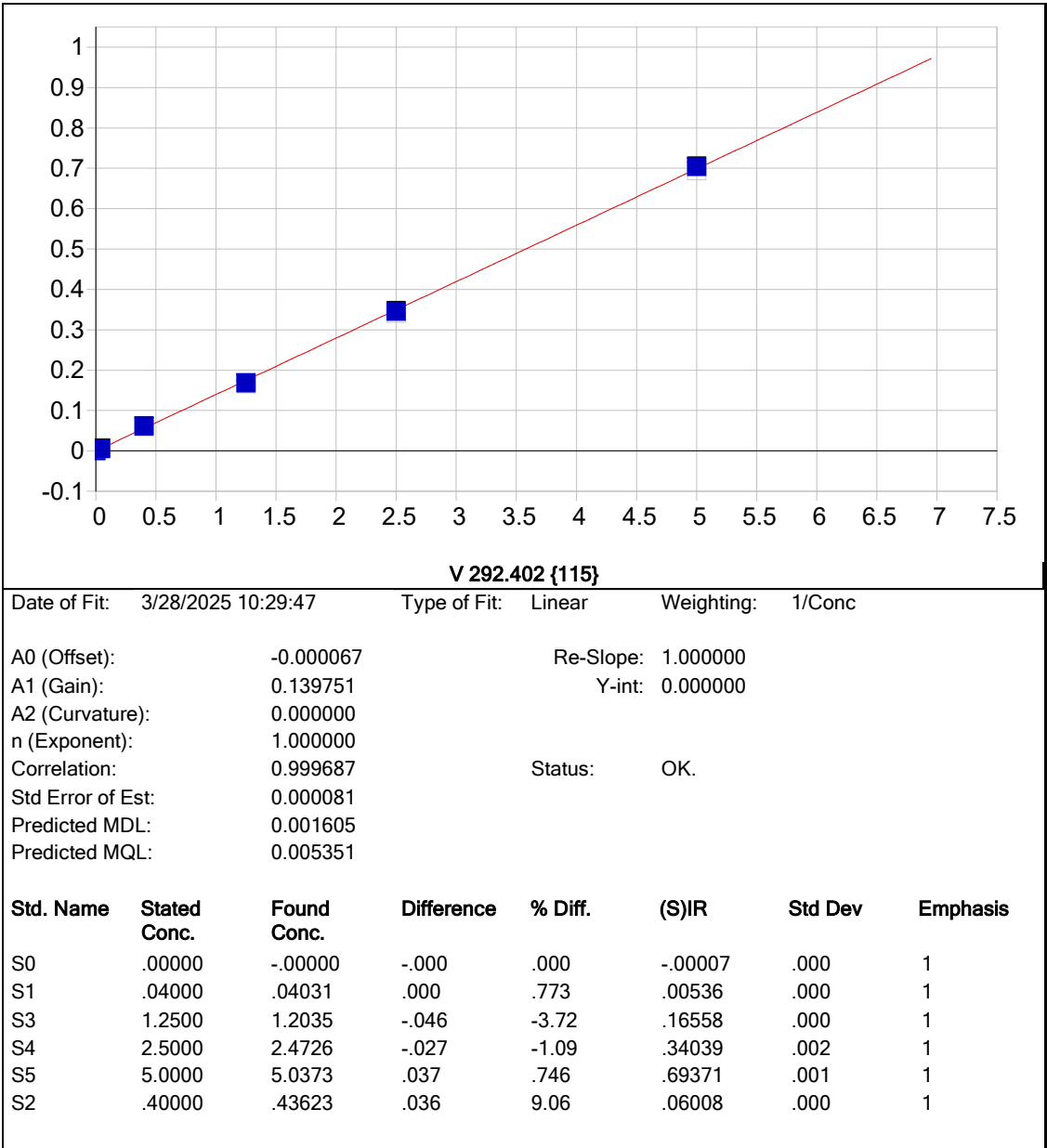


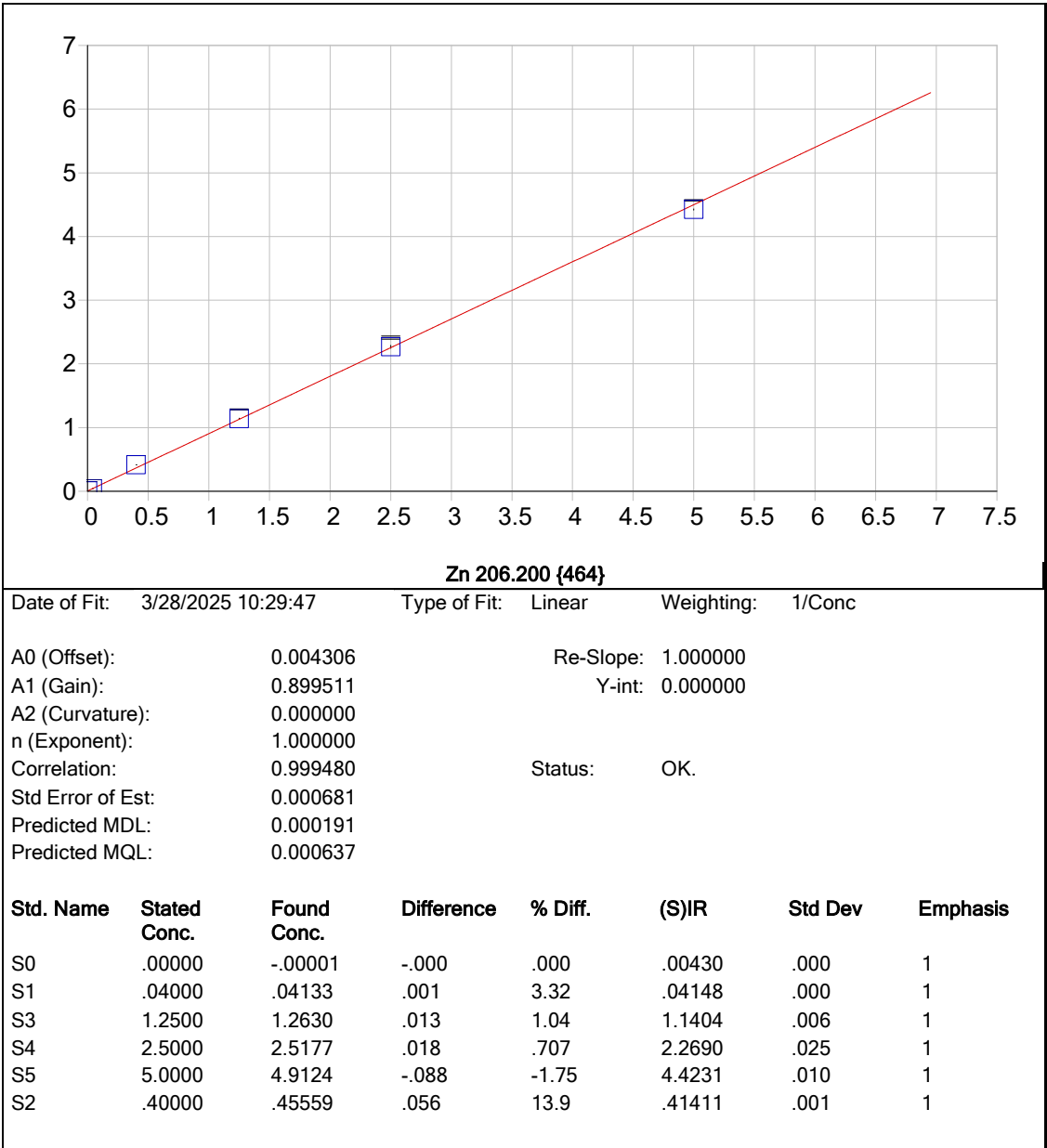


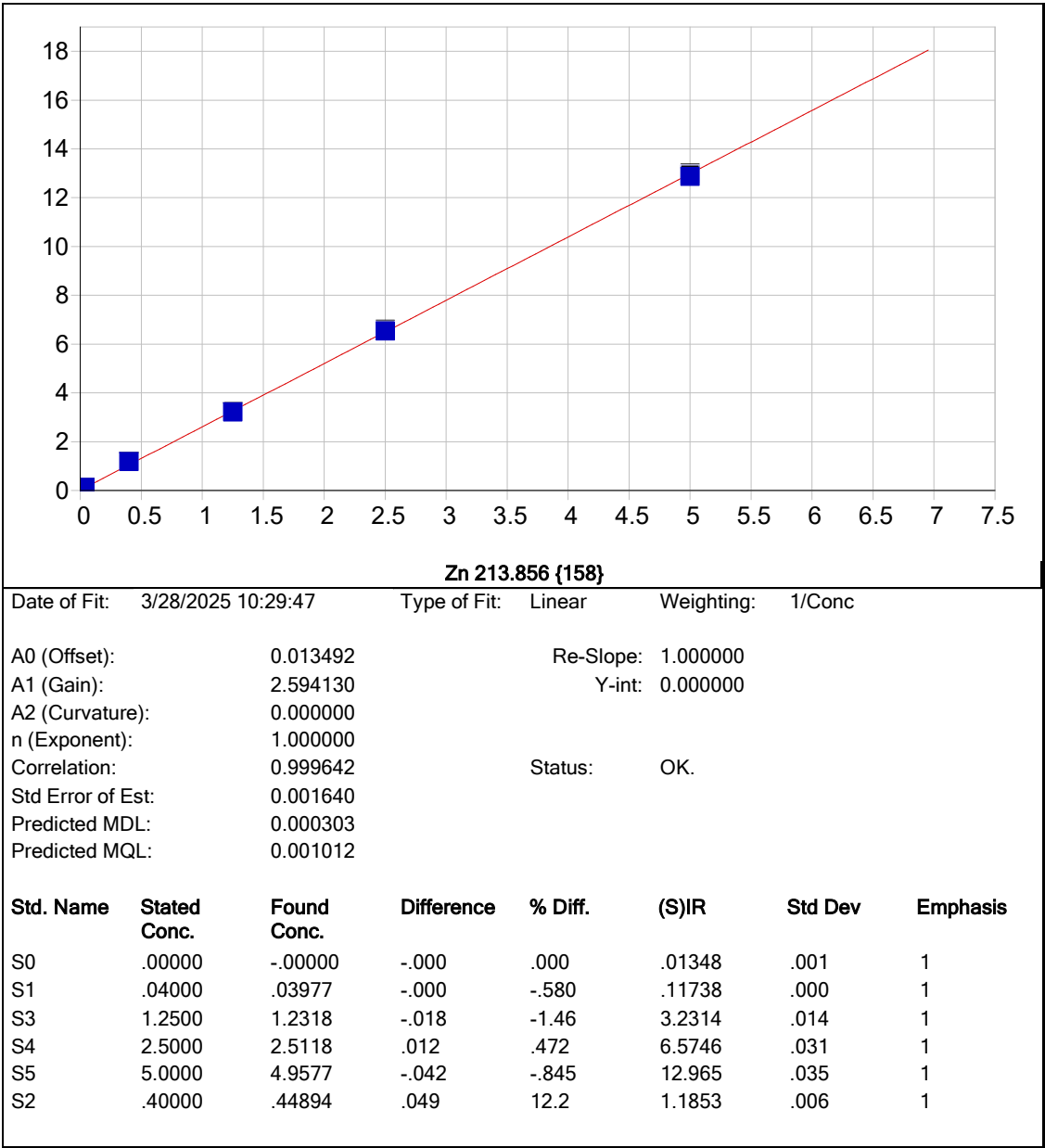


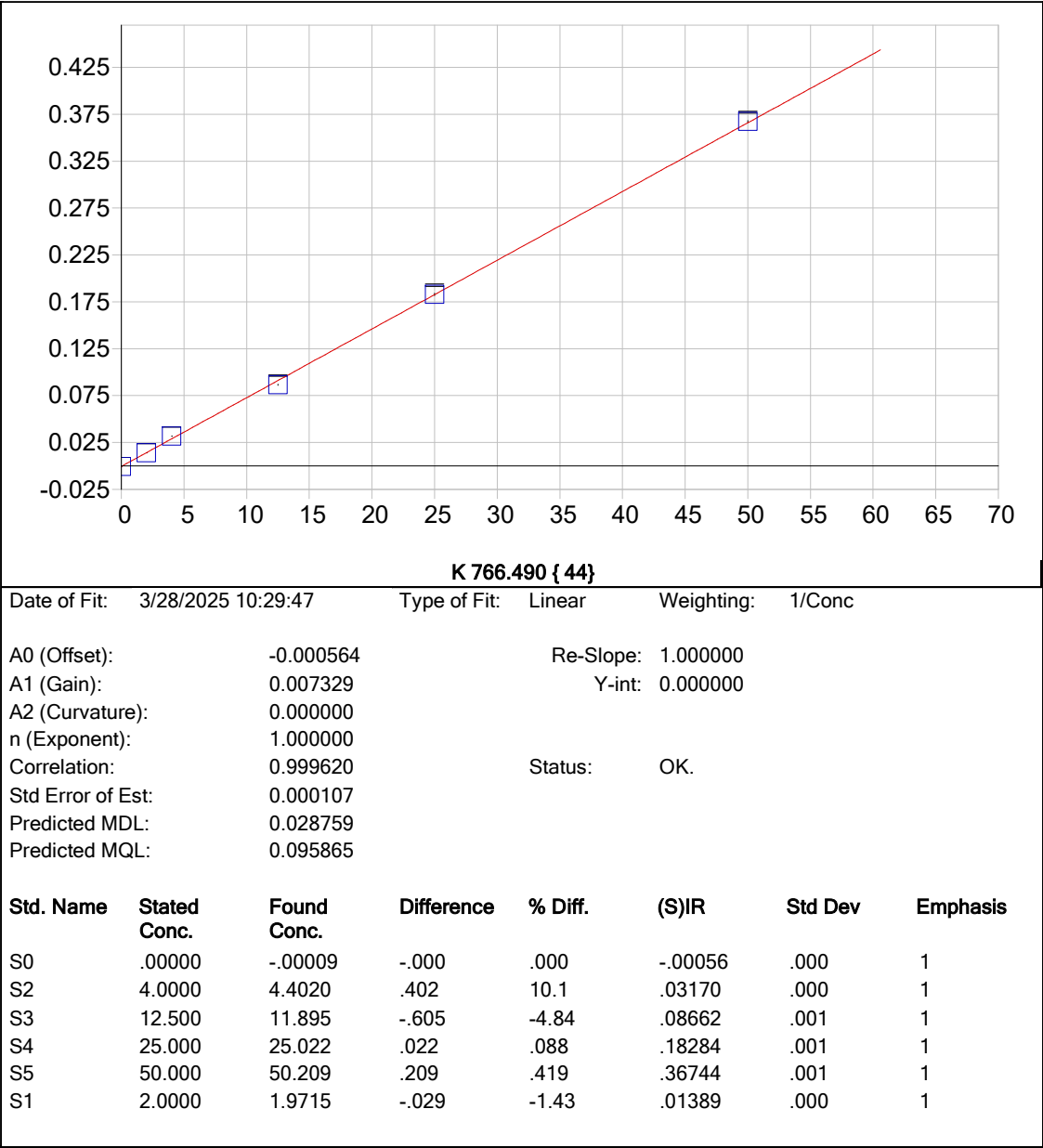


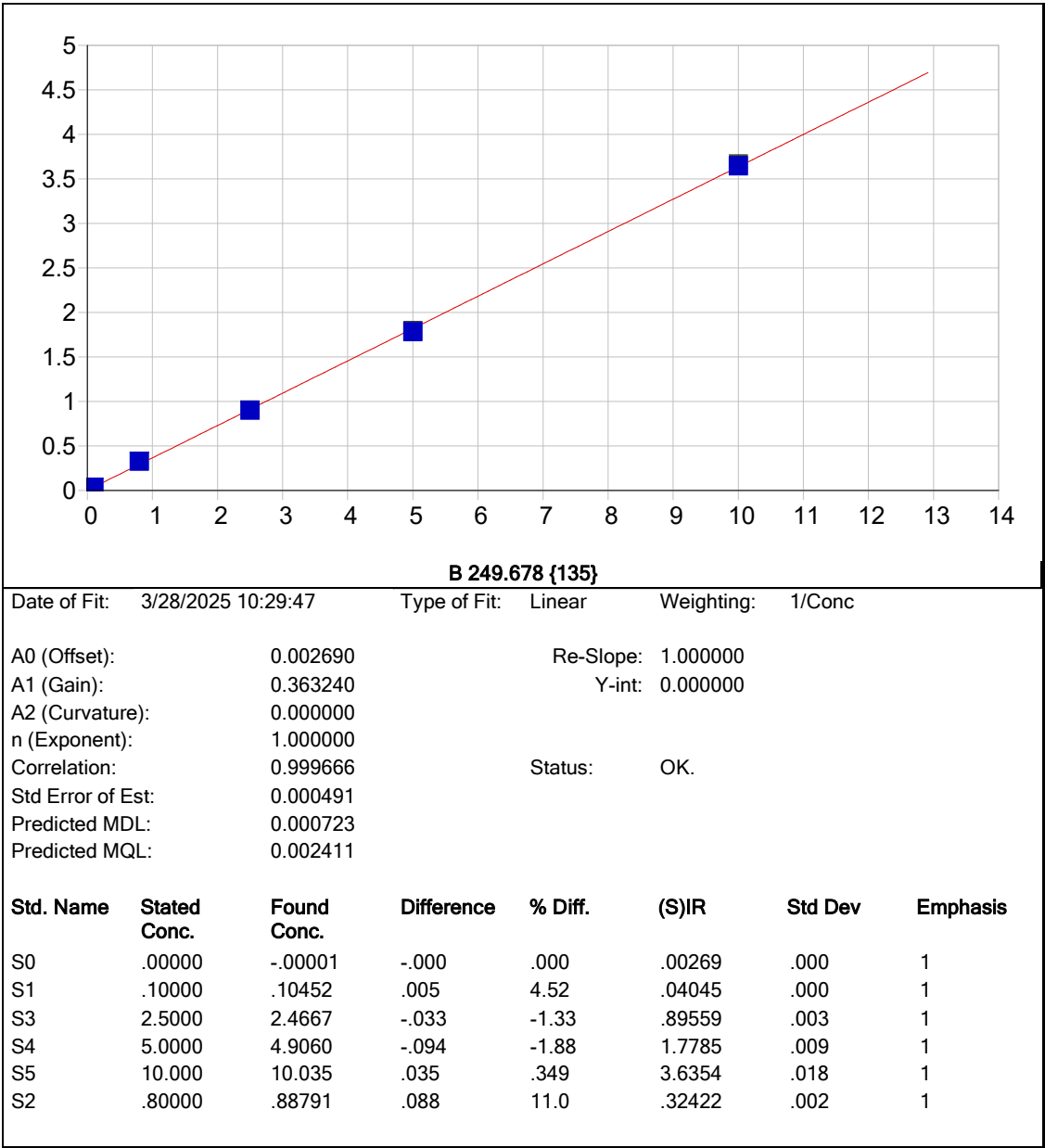


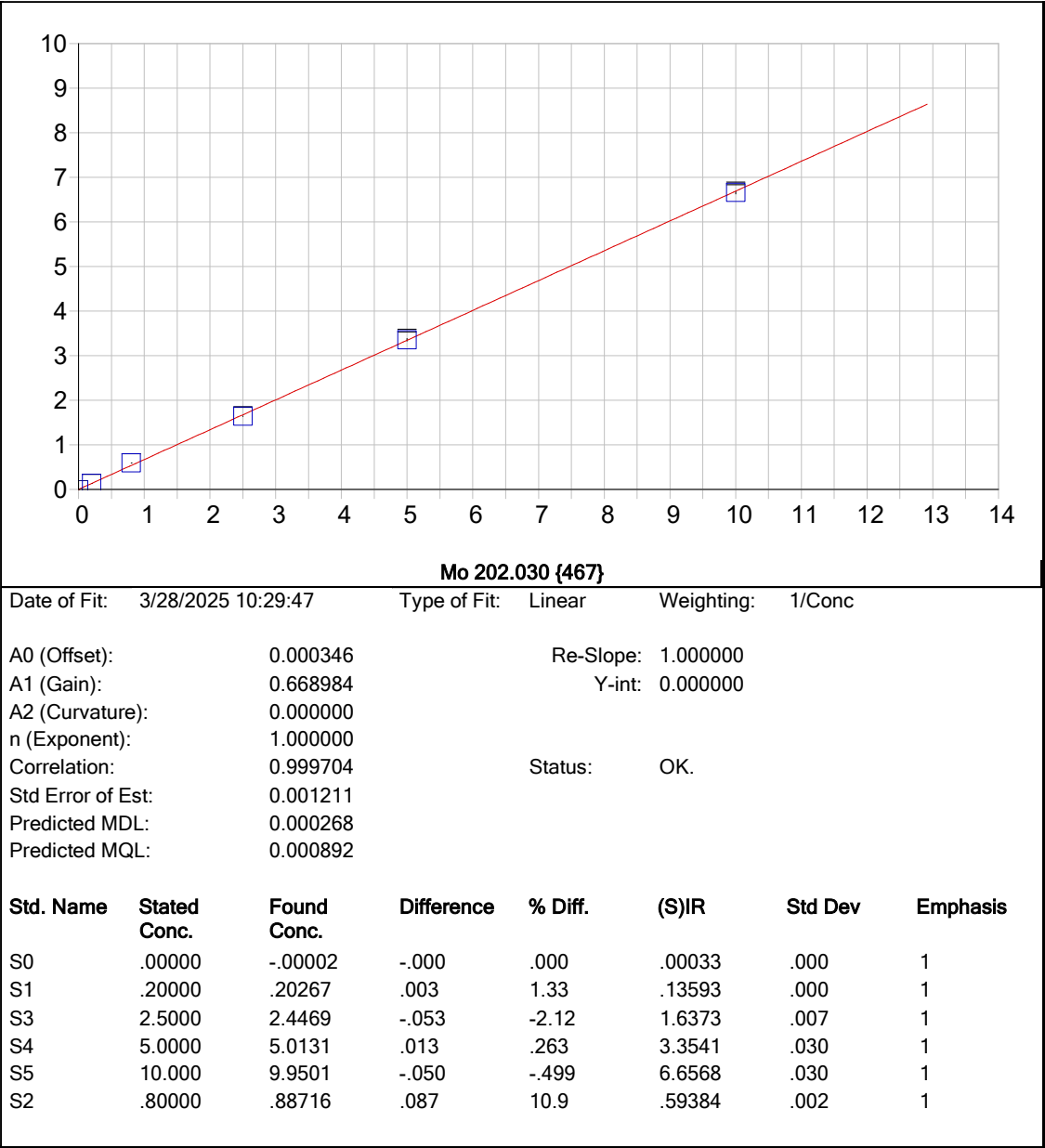


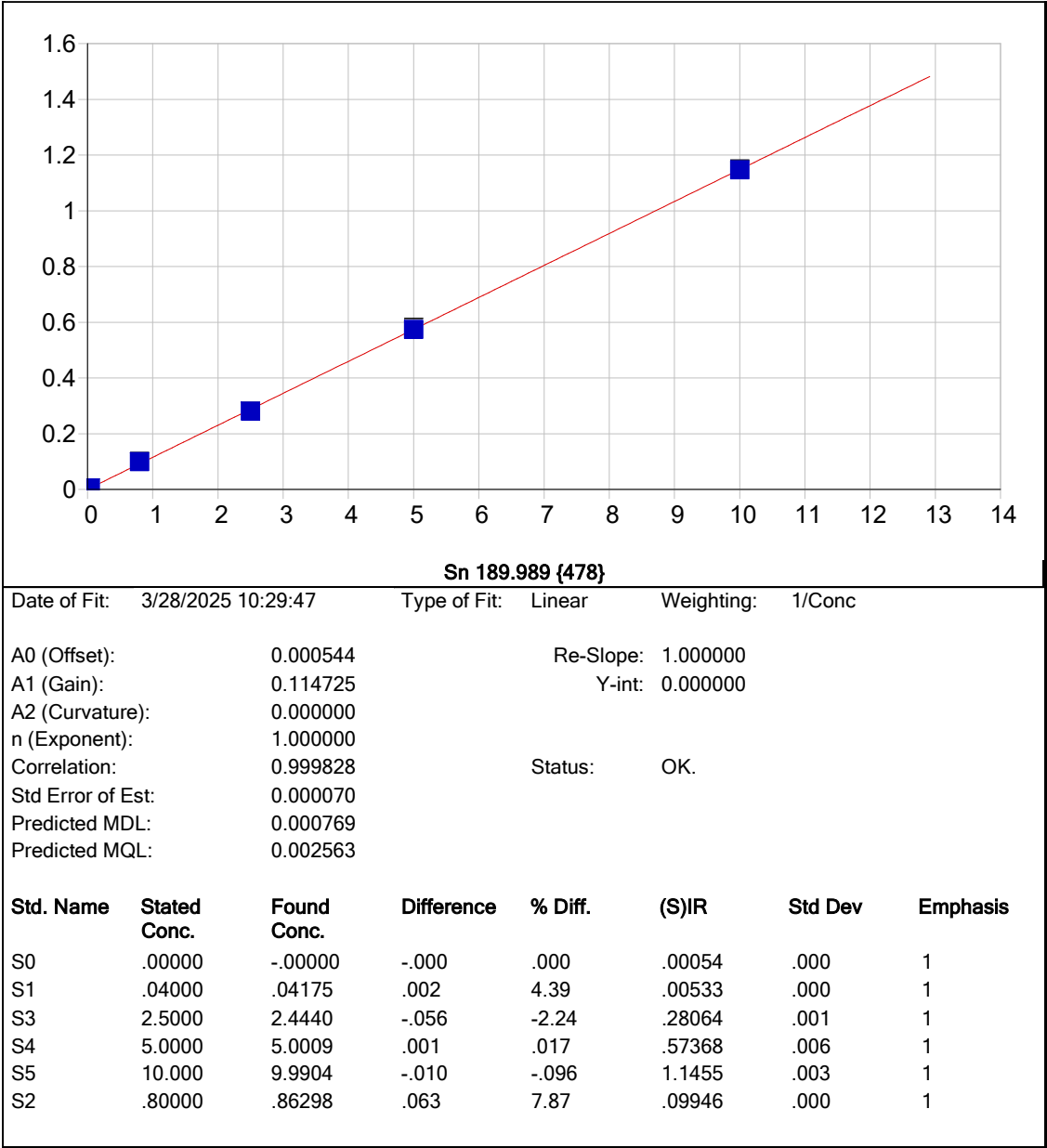


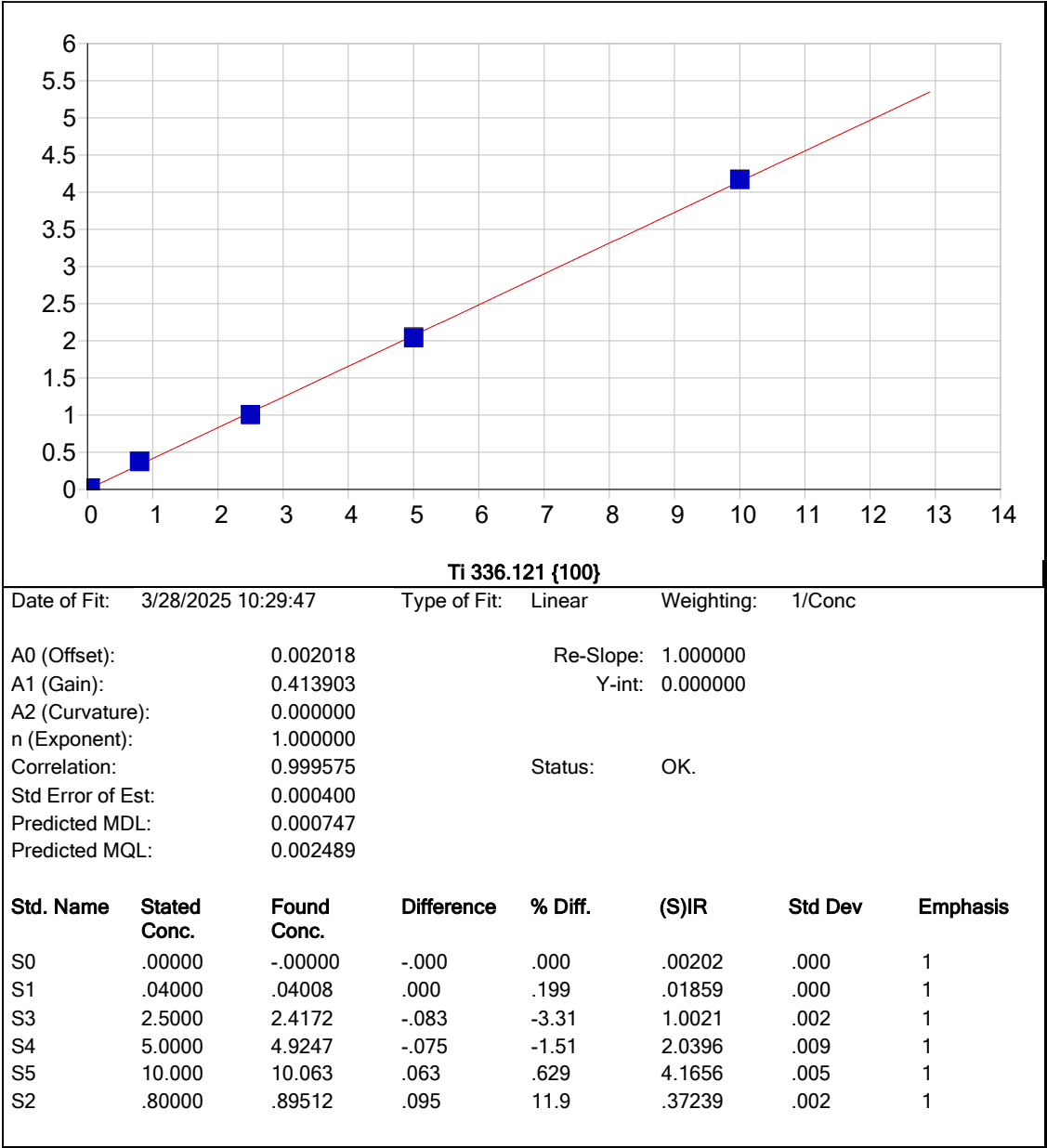


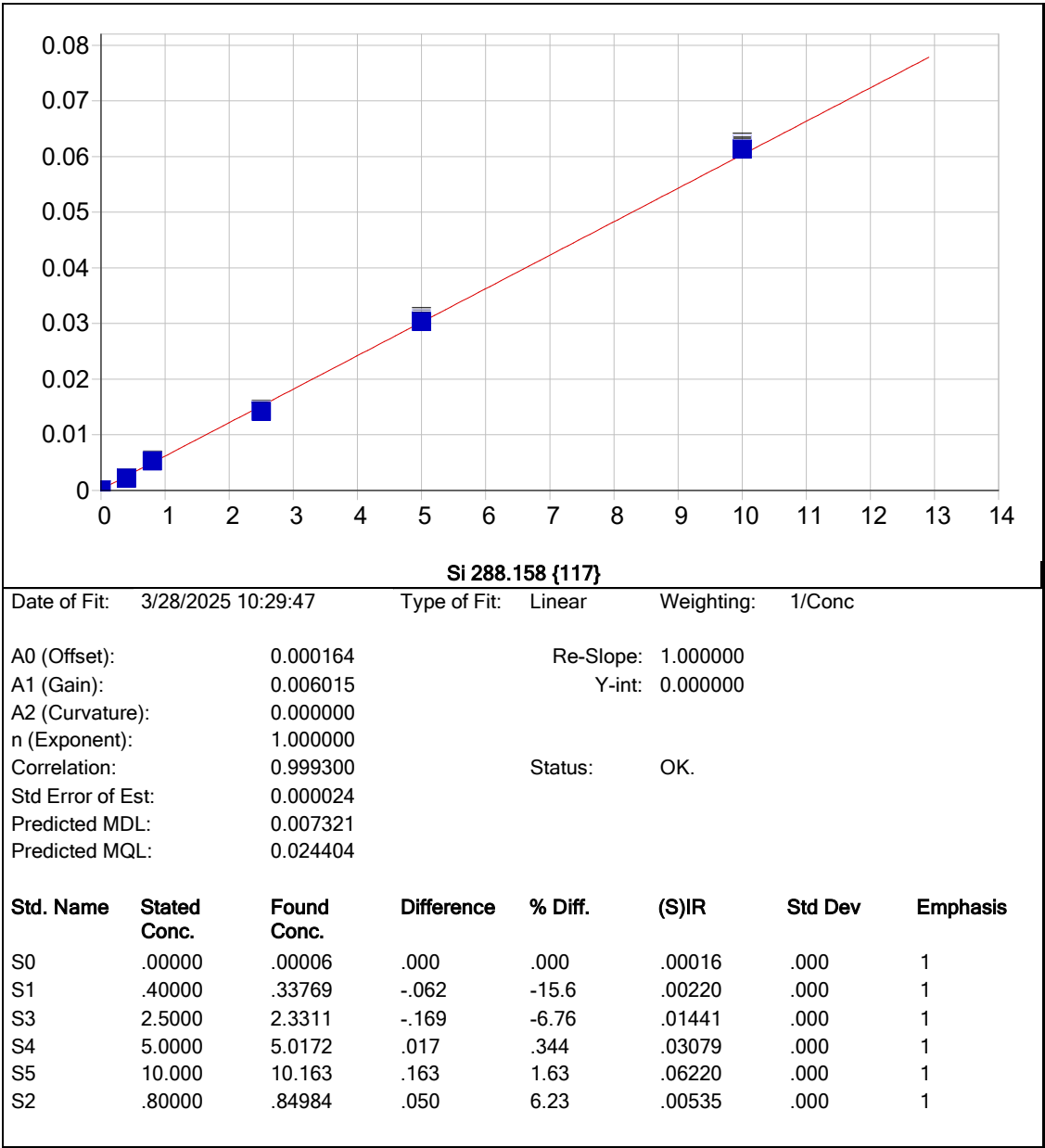


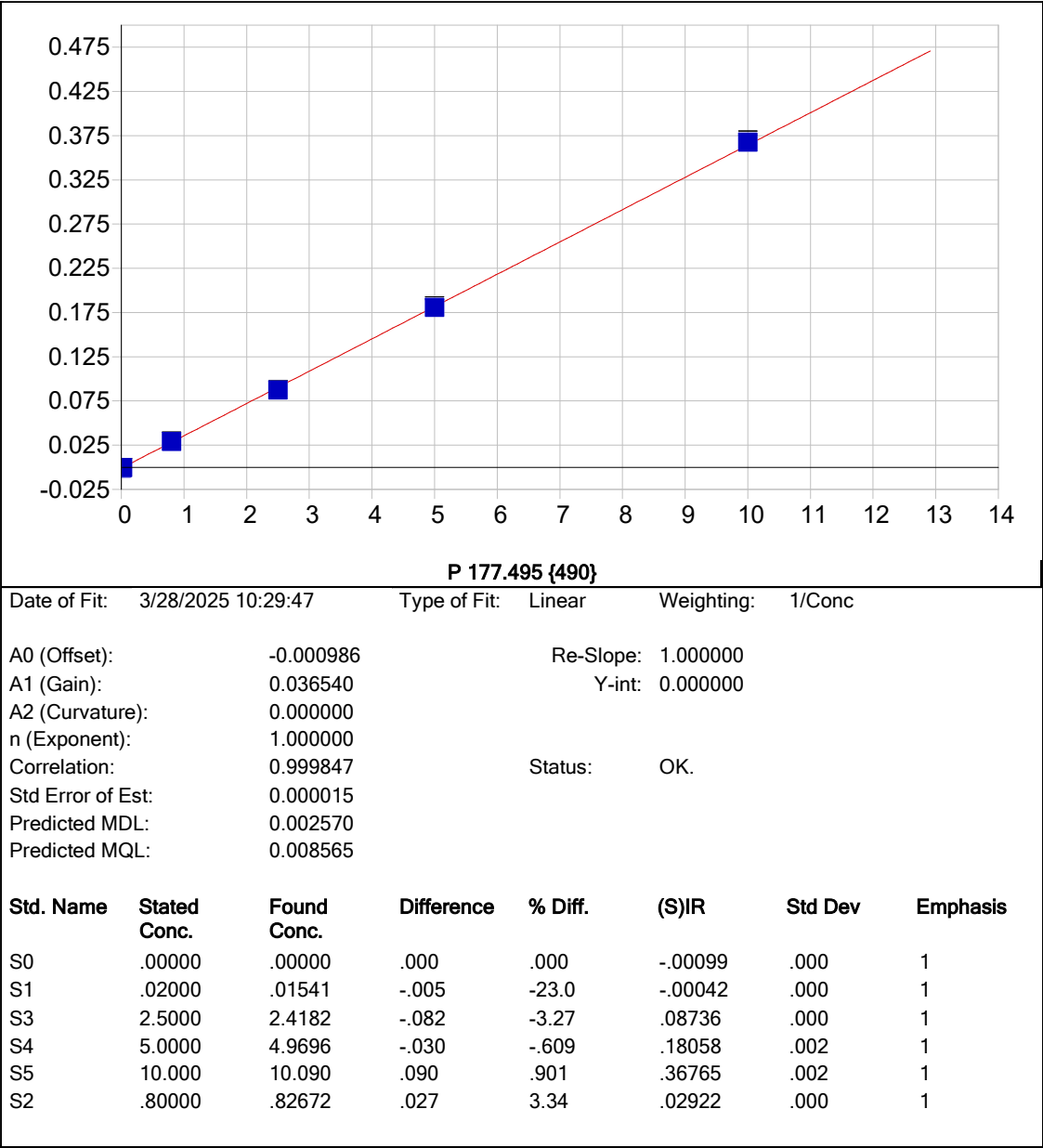


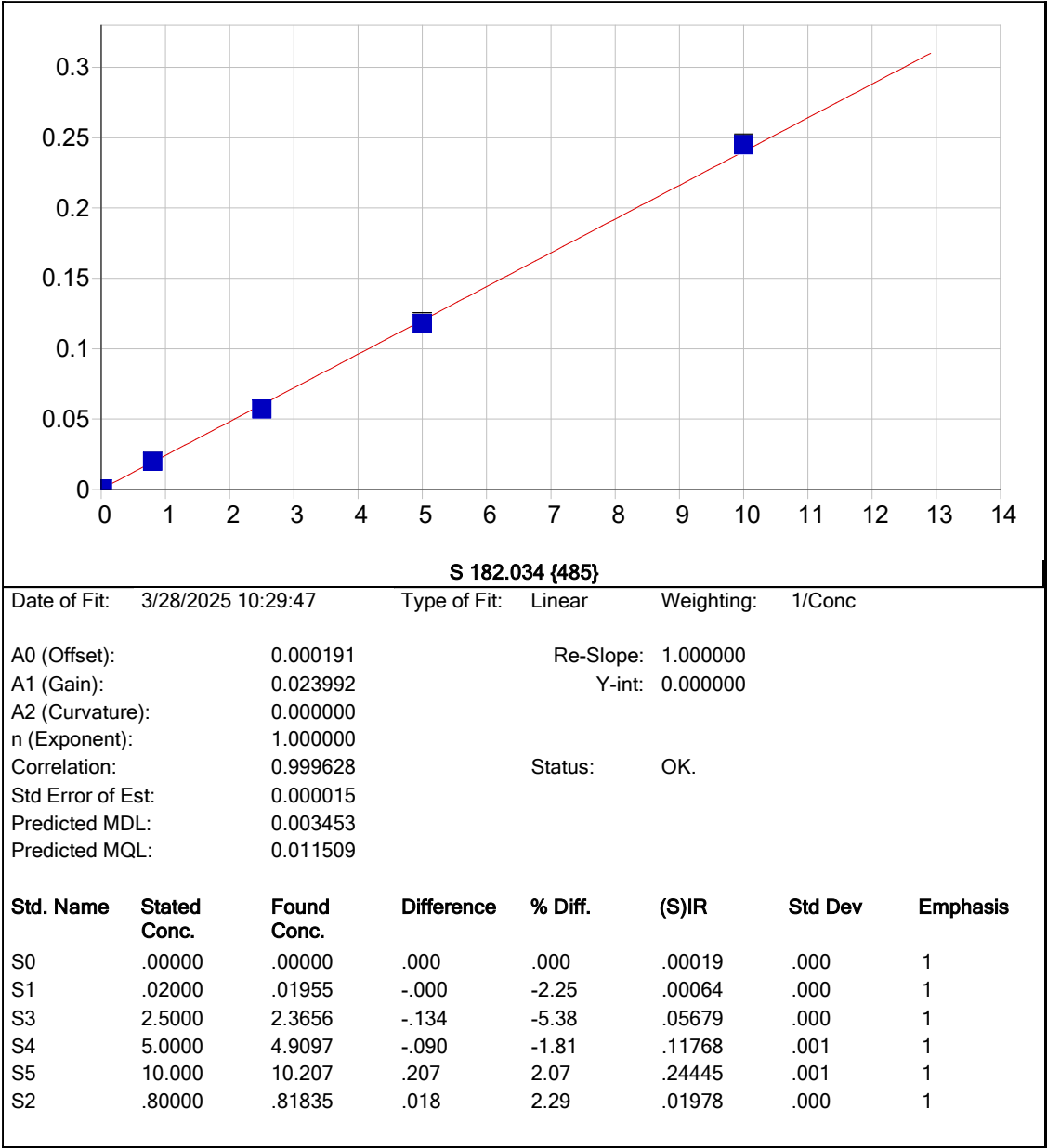


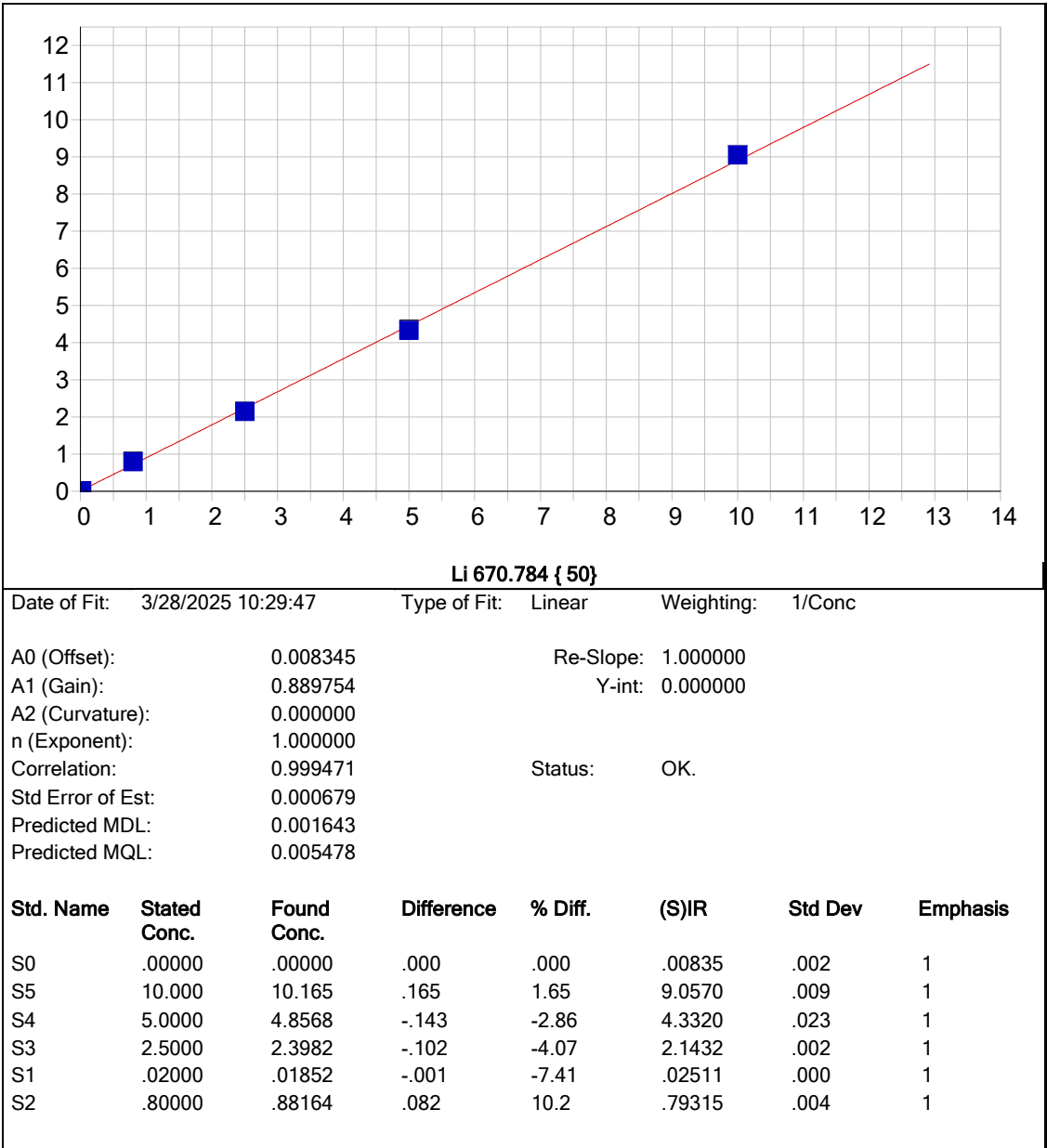


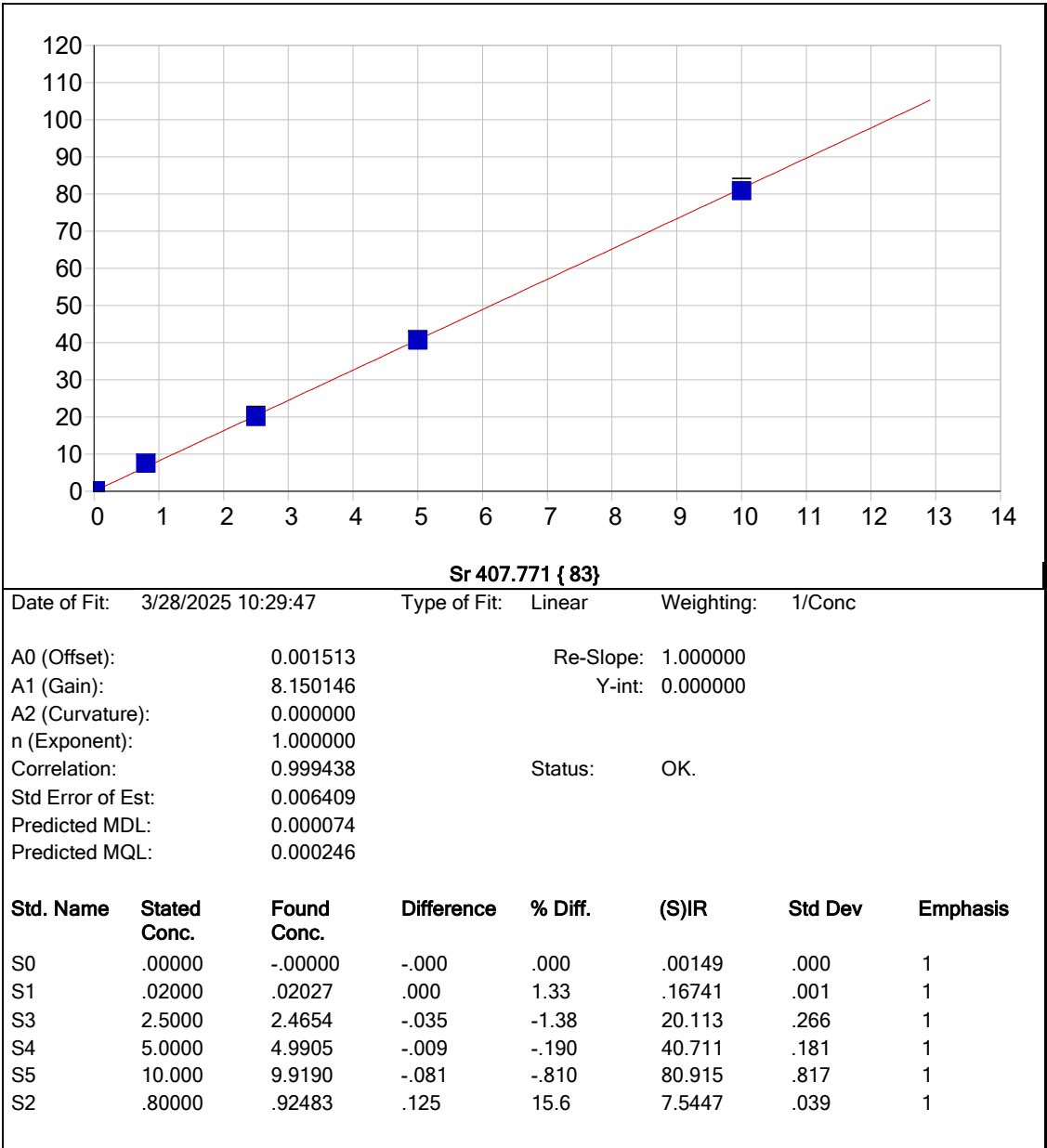






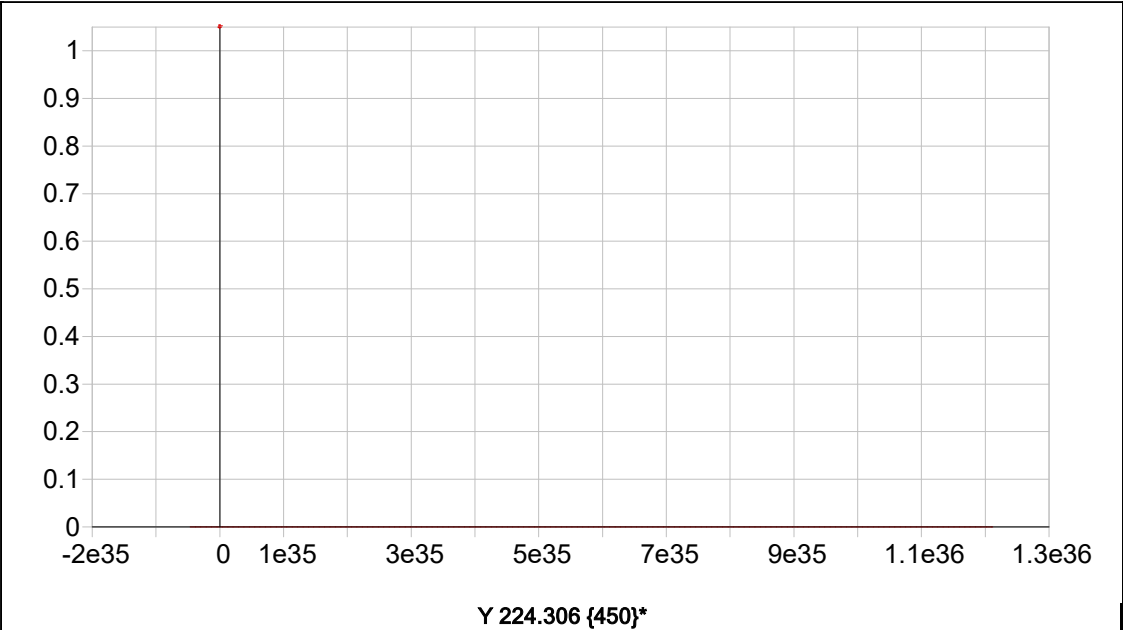






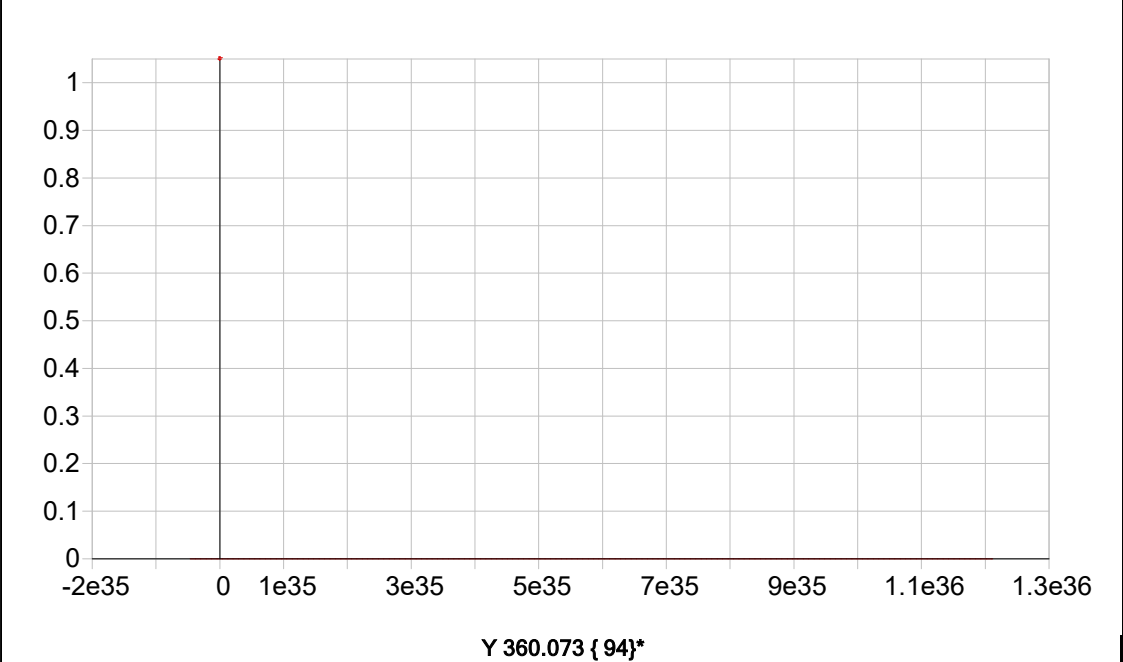
Date of Fit: 3/28/2025 10:29:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001513 Re-Slope: 1.000000
A1 (Gain): 8.150146 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999438 Status: OK.
Std Error of Est: 0.006409
Predicted MDL: 0.000074
Predicted MQL: 0.000246

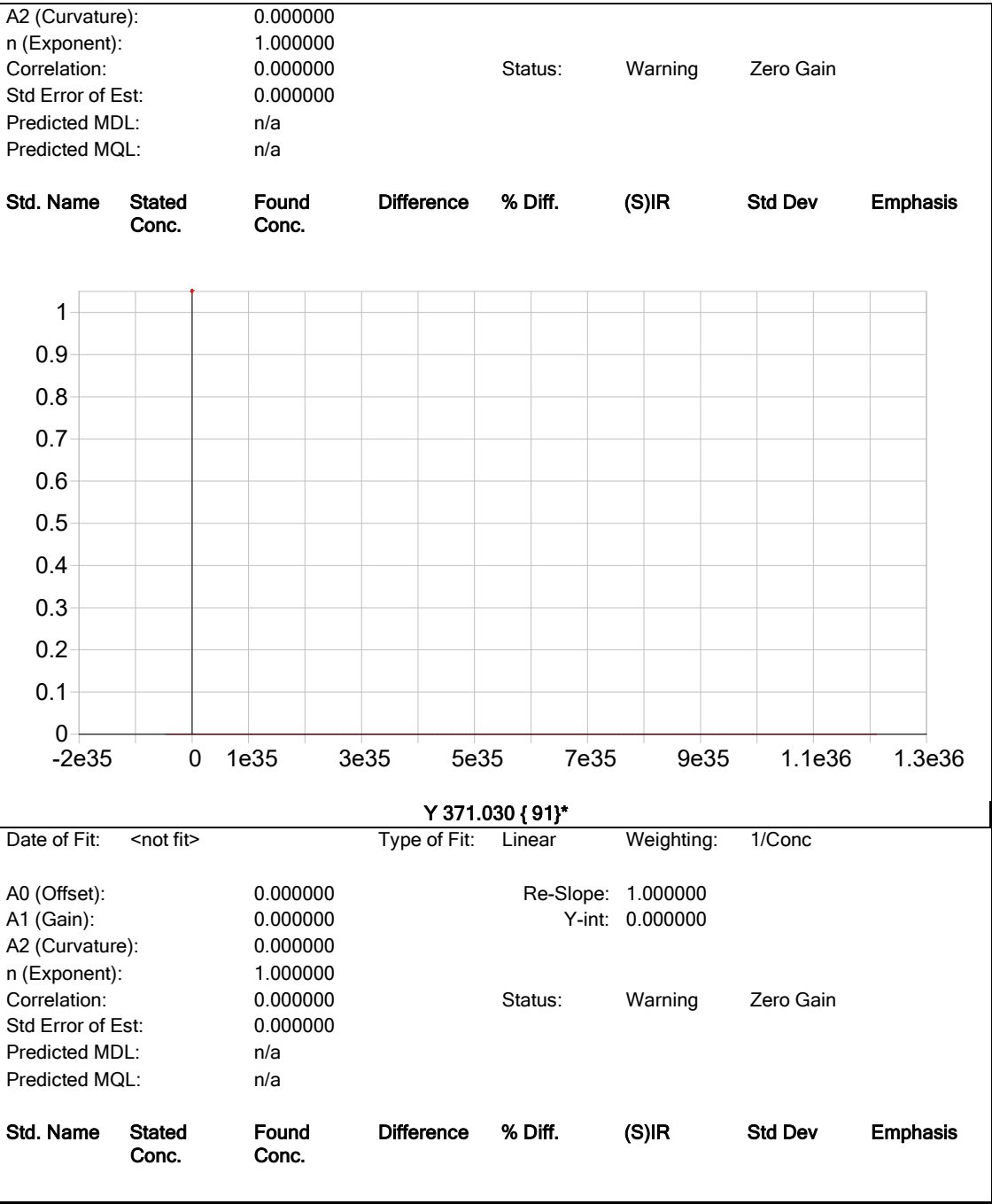


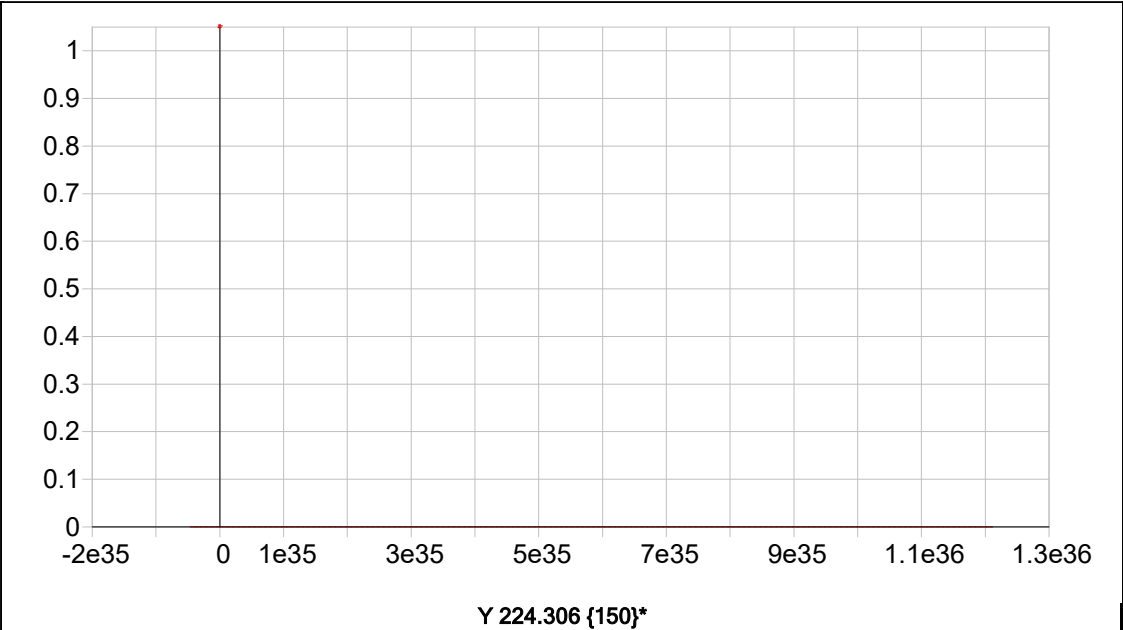
Date of Fit:	3/28/2025 10:29:47	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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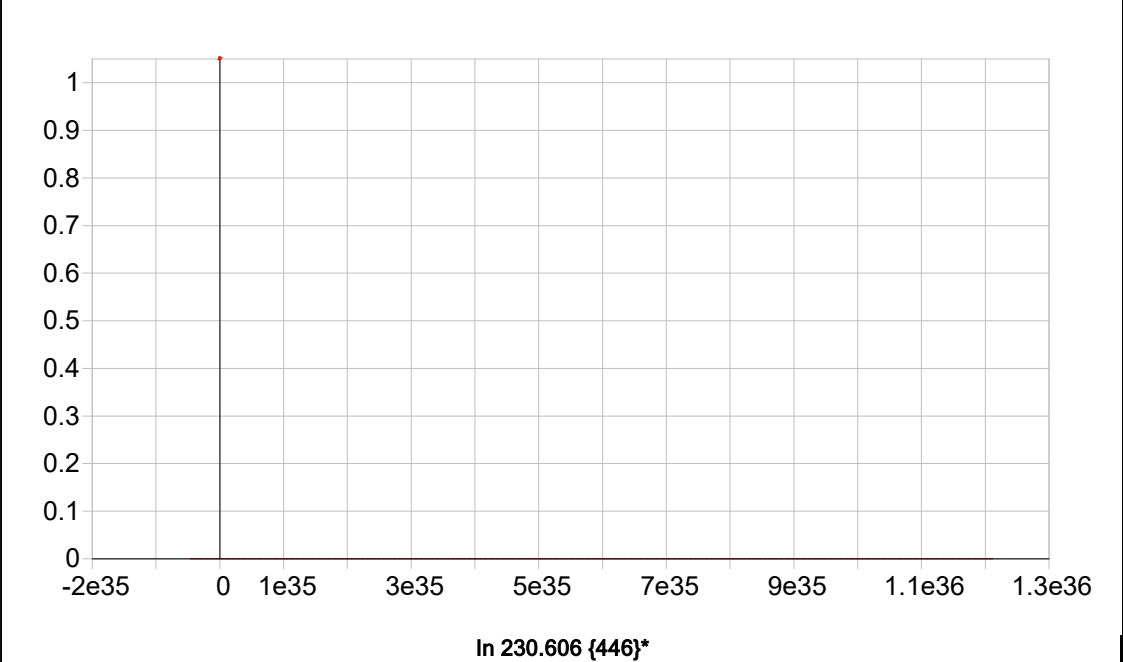
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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

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

Sample Name: S0
Acquired: 3/28/2025 8:28:14
Type: Cal

Method: NON EPA-6010-200.7(v2852)
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	-.00008	-.00004	.00020	.00028	.00060	.05229	-.00047
Stddev	.00008	.00005	.00010	.00004	.00005	.00015	.00090	.00018
%RSD	78.120	59.848	254.01	20.483	16.265	25.659	1.7268	38.946
#1	-.00017	-.00013	-.00009	.00018	.00023	.00054	.05330	-.00031
#2	-.00011	-.00005	.00007	.00024	.00030	.00048	.05200	-.00043
#3	-.00002	-.00005	-.00010	.00017	.00032	.00077	.05157	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00005	.00141	.00008	.00010	-.00051	.00011	.00076	-.00021
Stddev	.00018	.00028	.00004	.00011	.00011	.00001	.00033	.00030
%RSD	393.02	20.025	57.664	108.30	20.694	11.185	44.033	138.87
#1	.00000	.00150	.00004	.00000	-.00056	.00010	.00087	-.00056
#2	.00010	.00110	.00007	.00008	-.00039	.00011	.00102	-.00005
#3	-.00024	.00164	.00012	.00021	-.00058	.00013	.00038	-.00004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00005	-.00136	.00142	-.00007	.01348	-.00056	.00269	.00033
Stddev	.00014	.00005	.00010	.00007	.00094	.00013	.00015	.00018
%RSD	273.22	3.7213	7.0562	108.74	6.9753	23.019	5.7427	53.042
#1	.00017	-.00139	.00143	-.00012	.01269	-.00070	.00275	.00036
#2	.00010	-.00139	.00132	-.00010	.01324	-.00054	.00280	.00015
#3	-.00011	-.00130	.00152	.00002	.01452	-.00045	.00251	.00050
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	.00054	.00202	.00016	-.00099	.00019	.00835	.00149	
Stddev	.00007	.00003	.00001	.00003	.00005	.00164	.00019	
%RSD	12.060	1.2780	5.3550	2.5900	28.659	19.603	12.801	
#1	.00047	.00200	.00016	-.00098	.00025	.00817	.00168	
#2	.00059	.00201	.00017	-.00101	.00017	.00681	.00130	
#3	.00057	.00205	.00016	-.00096	.00015	.01006	.00150	

Sample Name: S0 Acquired: 3/28/2025 8:28:14 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	3300.7	72179.	13381.	2367.9	5031.5
Stddev	6.6	581.	59.	25.2	3.3
%RSD	.20076	.80430	.44458	1.0661	.06461
#1	3306.0	72846.	13328.	2396.9	5030.1
#2	3302.9	71787.	13369.	2356.4	5035.2
#3	3293.3	71905.	13445.	2350.5	5029.2

Sample Name: S1 Acquired: 3/28/2025 8:32:40 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	.00099	.00237	.00237	.00136	.00690	.00892	.28694	.02104
Stddev	.00007	.00004	.00006	.00003	.00007	.00055	.00100	.00010
%RSD	7.5741	1.7455	2.6869	2.4876	1.0690	6.1804	.34806	.47334
#1	.00106	.00235	.00245	.00134	.00682	.00831	.28604	.02101
#2	.00099	.00235	.00234	.00134	.00695	.00906	.28801	.02096
#3	.00091	.00242	.00233	.00140	.00694	.00939	.28676	.02116
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	.01466	.12332	.00185	.02607	.01511	.00061	.00931	.03173
Stddev	.00017	.00050	.00004	.00010	.00024	.00003	.00019	.00014
%RSD	1.1768	.40917	1.9363	.36710	1.5992	4.3377	2.0061	.43150
#1	.01474	.12279	.00188	.02599	.01485	.00062	.00916	.03184
#2	.01479	.12338	.00187	.02604	.01517	.00063	.00925	.03178
#3	.01447	.12379	.00181	.02618	.01532	.00058	.00952	.03158
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	.02091	.00148	.04309	.00536	.11738	.01389	.04045	.13593
Stddev	.00010	.00001	.00018	.00029	.00036	.00005	.00038	.00003
%RSD	.50181	.94777	.42790	5.4831	.30991	.33606	.94773	.02441
#1	.02090	.00147	.04298	.00568	.11770	.01386	.04011	.13589
#2	.02081	.00148	.04330	.00530	.11745	.01394	.04037	.13594
#3	.02102	.00149	.04298	.00510	.11699	.01386	.04087	.13595
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	.00533	.01859	.00220	-.00042	.00064	.02511	.16741	
Stddev	.00003	.00009	.00002	.00007	.00007	.00036	.00057	
%RSD	.49280	.48657	.81352	17.429	11.064	1.4245	.34251	
#1	.00532	.01856	.00218	-.00051	.00072	.02548	.16760	
#2	.00536	.01852	.00221	-.00038	.00059	.02507	.16676	
#3	.00531	.01870	.00221	-.00038	.00061	.02477	.16786	

Sample Name: S1 Acquired: 3/28/2025 8:32:40 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	3262.0	71813.	13443.	2349.8	4891.8
Stddev	7.5	137.	68.	13.9	9.1
%RSD	.23071	.19102	.50358	.59044	.18562
#1	3270.6	71724.	13398.	2334.2	4901.6
#2	3259.1	71744.	13521.	2360.7	4883.6
#3	3256.3	71971.	13411.	2354.6	4890.2

Sample Name: S2 Acquired: 3/28/2025 8:36:59 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	.04417	.05390	.18217	.04733	.11127	.13334	4.3419	.15702
Stddev	.00016	.00033	.00046	.00022	.00032	.00025	.0216	.00068
%RSD	.37076	.60372	.25024	.47107	.29135	.18753	.49652	.43581

#1	.04435	.05361	.18165	.04710	.11100	.13306	4.3379	.15625
#2	.04413	.05425	.18251	.04733	.11118	.13346	4.3226	.15728
#3	.04403	.05383	.18235	.04755	.11163	.13351	4.3651	.15754

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0736	.27224	.03269	.38652	.16111	.00539	.18738	.06494
Stddev	.0016	.00082	.00011	.00041	.00066	.00002	.00137	.00014
%RSD	.15214	.30221	.33398	.10630	.41137	.45922	.73306	.21928

#1	1.0717	.27164	.03280	.38605	.16067	.00540	.18676	.06508
#2	1.0748	.27190	.03268	.38677	.16079	.00542	.18643	.06480
#3	1.0743	.27318	.03258	.38676	.16187	.00537	.18896	.06495

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	.23165	.06200	.09583	.06008	1.1853	.03170	.32422	.59384
Stddev	.00050	.00007	.00025	.00023	.0063	.00013	.00233	.00227
%RSD	.21779	.10814	.26078	.38098	.53257	.42029	.71715	.38257

#1	.23108	.06207	.09596	.06027	1.1900	.03182	.32363	.59181
#2	.23181	.06199	.09599	.05983	1.1781	.03156	.32225	.59340
#3	.23205	.06194	.09554	.06015	1.1878	.03172	.32678	.59630

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	.09946	.37239	.00535	.02922	.01978	.79315	7.5447
Stddev	.00017	.00230	.00010	.00009	.00016	.00383	.0390
%RSD	.17449	.61644	1.9548	.31903	.80661	.48252	.51663

#1	.09933	.37356	.00547	.02911	.01965	.79307	7.5503
#2	.09965	.36974	.00528	.02925	.01995	.78935	7.5033
#3	.09939	.37387	.00529	.02929	.01973	.79701	7.5806

Sample Name: S2 Acquired: 3/28/2025 8:36:59 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	3273.6	70438.	13566.	2311.0	4841.2
Stddev	9.7	253.	62.	12.5	11.4
%RSD	.29485	.35875	.46021	.53948	.23518
#1	3277.6	70160.	13584.	2296.6	4853.0
#2	3280.6	70503.	13618.	2317.9	4840.3
#3	3262.6	70652.	13497.	2318.5	4830.3

Sample Name: S3 Acquired: 3/28/2025 8:41:04 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	.12521	.15027	.50863	.13255	.31226	.37009	11.493	.44088
Stddev	.00048	.00103	.00230	.00061	.00217	.00066	.014	.00260
%RSD	.38707	.68396	.45227	.46079	.69586	.17831	.12121	.58915
#1	.12496	.15126	.50717	.13244	.31045	.37032	11.479	.44147
#2	.12490	.14921	.50743	.13200	.31165	.36934	11.507	.43803
#3	.12577	.15034	.51128	.13321	.31467	.37060	11.493	.44313
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0140	.73848	.09056	1.0753	.44255	.01388	.50138	.17953
Stddev	.0093	.00073	.00022	.0041	.00216	.00004	.00053	.00062
%RSD	.30711	.09843	.24613	.38366	.48817	.31029	.10636	.34474
#1	3.0050	.73765	.09031	1.0717	.44104	.01384	.50101	.17896
#2	3.0134	.73892	.09062	1.0743	.44160	.01393	.50114	.17945
#3	3.0235	.73889	.09075	1.0798	.44503	.01387	.50199	.18019
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	.64581	.17112	.25677	.16558	3.2314	.08662	.89559	1.6373
Stddev	.00282	.00013	.00099	.00033	.0140	.00055	.00308	.0069
%RSD	.43703	.07710	.38683	.19958	.43461	.63487	.34442	.42441
#1	.64309	.17119	.25603	.16523	3.2152	.08602	.89693	1.6319
#2	.64560	.17096	.25790	.16563	3.2404	.08711	.89206	1.6349
#3	.64873	.17119	.25638	.16589	3.2385	.08673	.89778	1.6451
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	.28064	1.0021	.01441	.08736	.05679	2.1432	20.113	
Stddev	.00084	.0021	.00008	.00041	.00020	.0018	.266	
%RSD	.29955	.21207	.53349	.47440	.34477	.08362	1.3234	
#1	.27998	1.0006	.01439	.08688	.05680	2.1424	20.396	
#2	.28034	1.0012	.01449	.08762	.05659	2.1453	20.073	
#3	.28159	1.0045	.01434	.08758	.05698	2.1421	19.868	

Sample Name: S3 Acquired: 3/28/2025 8:41:04 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	3156.8	69129.	13171.	2223.1	4578.1
Stddev	11.9	139.	43.	12.3	11.7
%RSD	.37623	.20130	.32760	.55366	.25612
#1	3164.4	69271.	13166.	2237.0	4586.1
#2	3162.8	69123.	13216.	2218.8	4583.6
#3	3143.1	68992.	13131.	2213.5	4564.7

Sample Name: S4 Acquired: 3/28/2025 8:45:12 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	.26051	.30488	1.0352	.27492	.65437	.76995	23.356	.87763
Stddev	.00279	.00287	.0119	.00299	.00591	.00309	.200	.00455
%RSD	1.0724	.94218	1.1475	1.0873	.90369	.40071	.85451	.51788

#1	.25885	.30378	1.0301	.27293	.64971	.76845	23.516	.88281
#2	.25895	.30273	1.0267	.27347	.65238	.77349	23.420	.87430
#3	.26374	.30814	1.0488	.27836	.66102	.76789	23.133	.87577

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.1549	1.4890	.18517	2.1858	.89364	.02835	.99178	.36940
Stddev	.0614	.0038	.00027	.0199	.00687	.00018	.00365	.00061
%RSD	.99823	.25253	.14789	.90841	.76823	.62756	.36824	.16505

#1	6.1253	1.4901	.18492	2.1755	.88975	.02815	.99428	.37009
#2	6.1140	1.4921	.18512	2.1731	.88961	.02848	.99347	.36917
#3	6.2256	1.4848	.18547	2.2086	.90157	.02842	.98759	.36894

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	1.3156	.35119	.54505	.34039	6.5746	.18284	1.7785	3.3541
Stddev	.0129	.00046	.00507	.00178	.0314	.00133	.0092	.0303
%RSD	.98034	.13216	.92955	.52415	.47763	.72948	.51776	.90432

#1	1.3092	.35093	.53930	.34002	6.5395	.18141	1.7891	3.3368
#2	1.3072	.35091	.54884	.34233	6.5840	.18406	1.7723	3.3362
#3	1.3304	.35172	.54702	.33882	6.6002	.18304	1.7741	3.3891

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	.57368	2.0396	.03079	.18058	.11768	4.3320	40.711
Stddev	.00612	.0085	.00040	.00170	.00119	.0227	.181
%RSD	1.0672	.41735	1.3102	.94337	1.0096	.52362	.44361

#1	.57047	2.0372	.03033	.17952	.11727	4.3205	40.875
#2	.56983	2.0491	.03099	.17966	.11674	4.3581	40.739
#3	.58074	2.0326	.03106	.18254	.11901	4.3173	40.518

Sample Name: S4 Acquired: 3/28/2025 8:45:12 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	3062.8	67060.	13247.	2088.2	4416.0
Stddev	22.0	274.	47.	11.1	30.4
%RSD	.71942	.40789	.35164	.53292	.68729
#1	3076.9	67366.	13194.	2100.9	4433.5
#2	3074.2	66977.	13278.	2083.3	4433.6
#3	3037.4	66838.	13270.	2080.4	4381.0

Sample Name: S5 Acquired: 3/28/2025 8:49:25 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	.52937	.60429	2.0661	.55793	1.3257	1.6105	46.571	1.7839
Stddev	.00286	.00188	.0062	.00310	.0096	.0015	.401	.0068
%RSD	.54059	.31177	.29989	.55483	.72326	.09449	.86141	.37896

#1	.52741	.60217	2.0610	.55642	1.3230	1.6120	46.159	1.7775
#2	.52805	.60489	2.0643	.55587	1.3178	1.6090	46.960	1.7910
#3	.53265	.60580	2.0730	.56149	1.3364	1.6106	46.595	1.7831

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.333	3.0064	.36369	4.3942	1.7651	.05511	2.0031	.76013
Stddev	.026	.0028	.00071	.0126	.0082	.00018	.0018	.00262
%RSD	.21065	.09202	.19521	.28647	.46349	.32000	.09159	.34514

#1	12.313	3.0060	.36297	4.3857	1.7627	.05509	2.0014	.75891
#2	12.324	3.0038	.36373	4.3883	1.7583	.05494	2.0030	.75834
#3	12.362	3.0093	.36439	4.4087	1.7742	.05529	2.0050	.76314

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	2.6316	.69871	1.1026	.69371	12.965	.36744	3.6354	6.6568
Stddev	.0079	.00064	.0033	.00137	.035	.00092	.0176	.0297
%RSD	.30057	.09200	.30216	.19780	.26900	.25091	.48369	.44679

#1	2.6273	.69822	1.1029	.69419	12.959	.36814	3.6233	6.6411
#2	2.6269	.69944	1.0992	.69216	13.002	.36640	3.6555	6.6382
#3	2.6408	.69846	1.1059	.69478	12.933	.36779	3.6273	6.6911

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	1.1455	4.1656	.06220	.36765	.24445	9.0570	80.915	
Stddev	.0027	.0046	.00033	.00227	.00096	.0093	.817	
%RSD	.23532	.10980	.53667	.61762	.39075	.10280	1.0098	

#1	1.1437	4.1679	.06195	.36552	.24382	9.0586	80.232	
#2	1.1442	4.1603	.06207	.36740	.24399	9.0654	80.692	
#3	1.1486	4.1686	.06258	.37004	.24555	9.0470	81.820	

Sample Name: S5 Acquired: 3/28/2025 8:49:25 Type: Cal
Method: NON EPA-6010-200.7(v2852) 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	2938.9	65422.	12525.	1990.5	4167.1
Stddev	15.1	175.	34.	5.7	16.4
%RSD	.51371	.26743	.26887	.28512	.39255
#1	2939.9	65570.	12563.	1994.3	4167.1
#2	2953.4	65467.	12499.	1993.2	4183.4
#3	2923.3	65229.	12513.	1983.9	4150.7

Sample Name: ICV01 Acquired: 3/28/2025 8:53:46 Type: Unk
Method: NON EPA-6010-200.7(v2852) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9892821	1.024039	.9773898	1.023614	.9905593	2.442305
Stddev	.0040771	.009670	.0014703	.001810	.0049036	.004779
%RSD	.4121251	.9442953	.1504301	.1768350	.4950292	.1956769

#1	.9866231	1.031055	.9756921	1.025675	.9923293	2.445482
#2	.9872472	1.013008	.9782368	1.022280	.9850165	2.436809
#3	.9939761	1.028054	.9782406	1.022889	.9943321	2.444624

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4721938	.4781858	.4965251	9.567256	.5203566	.5011863
Stddev	.0013008	.0021325	.0010840	.046128	.0005436	.0012905
%RSD	.2754868	.4459522	.2183071	.4821399	.1044672	.2574892

#1	.4708214	.4777256	.4957865	9.563933	.5208845	.5007066
#2	.4734087	.4805108	.4960192	9.614954	.5203869	.5002043
#3	.4723513	.4763210	.4977695	9.522879	.5197985	.5026479

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5212236	9.789395	.4863174	5.675420	.5061325	.2521480
Stddev	.0008660	.024954	.0010806	.020156	.0023963	.0002695
%RSD	.1661512	.2549045	.2222061	.3551481	.4734448	.1068964

#1	.5212749	9.813593	.4856405	5.666392	.5035735	.2524552
#2	.5203331	9.763749	.4875637	5.698512	.5065006	.2520372
#3	.5220629	9.790842	.4857481	5.661356	.5083234	.2519515

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.756904	.4719668	1.012299	9.642902	2.256800	2.399401
Stddev	.022162	.0033909	.004326	.031520	.009596	.007164
%RSD	.2271450	.7184572	.4272966	.3268774	.4252209	.2985775

#1	9.754187	.4719220	1.017292	9.616255	2.249178	2.399721
#2	9.736226	.4753799	1.009701	9.677696	2.267577	2.392083
#3	9.780300	.4685986	1.009903	9.634755	2.253646	2.406400

Sample Name: ICV01 Acquired: 3/28/2025 8:53:46 Type: Unk
Method: NON EPA-6010-200.7(v2852) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.334613	2.259280	F 1.998490	F -.002869	F -.003033	F .0016334
Stddev	.005753	.007170	.012197	.001826	.002025	.0012687
%RSD	.2464337	.3173640	.6103207	63.65694	66.75118	77.67609
#1	2.333171	2.256107	2.004575	-.001205	-.001965	.0001685
#2	2.329719	2.267489	1.984448	-.002578	-.005369	.0023500
#3	2.340951	2.254244	2.006449	-.004823	-.001766	.0023816

Elem	Sr4077
Units	ppm
Avg	F -.007406
Stddev	.000083
%RSD	1.122735
#1	-.007350
#2	-.007367
#3	-.007502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.953	67977.57	13734.97	2096.475	4638.097
Stddev	7.986	108.06	67.47	11.149	10.804
%RSD	.2572819	.1589705	.4912365	.5318124	.2329434
#1	3112.673	67869.04	13721.97	2083.602	4649.551
#2	3102.187	67978.51	13674.95	2102.755	4636.653
#3	3096.997	68085.16	13808.00	2103.069	4628.088

Sample Name: LLICV01 Acquired: 3/28/2025 8:59:01 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.0208052	.0403543	.0111043	.0221355	.0506513	.0994588
Stddev	.0007931	.0004876	.0011343	.0011809	.0009083	.0067151
%RSD	3.811838	1.208253	10.21541	5.334769	1.793185	6.751663

#1	.0210743	.0398294	.0103666	.0229911	.0499175	.0944615
#2	.0214286	.0404403	.0105359	.0226272	.0516672	.1070919
#3	.0199125	.0407932	.0124105	.0207882	.0503693	.0968229

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918084	.0059304	.0056954	1.950785	.0094630	.0287449
Stddev	.0008419	.0000346	.0000414	.008381	.0001589	.0000536
%RSD	.9170095	.5826589	.7275528	.4296118	1.679499	.1864772

#1	.0927401	.0059703	.0056489	1.959728	.0094270	.0288018
#2	.0911024	.0059115	.0057089	1.943111	.0096369	.0287378
#3	.0915827	.0059095	.0057284	1.949517	.0093252	.0286953

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219399	.0815328	.0185172	2.076118	.0384666	.0102046
Stddev	.0002063	.0012574	.0004180	.005499	.0002612	.0001981
%RSD	.9403083	1.542147	2.257474	.2648843	.6791274	1.941358

#1	.0221518	.0821606	.0189997	2.079558	.0382236	.0103559
#2	.0217397	.0823526	.0182619	2.079020	.0384332	.0102776
#3	.0219281	.0800851	.0182902	2.069776	.0387429	.0099804

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825317	.0385057	.0388689	1.838034	.1127939	.2034910
Stddev	.004309	.0008333	.0002722	.026556	.0006661	.0007212
%RSD	.2360665	2.164091	.7003598	1.444830	.5905443	.3543989

#1	1.822090	.0394557	.0391725	1.808926	.1133642	.2029088
#2	1.823652	.0378980	.0386467	1.860943	.1129556	.2032664
#3	1.830211	.0381635	.0387875	1.844231	.1120618	.2042977

Sample Name: LLICV01 Acquired: 3/28/2025 8:59:01 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.0349807	.0380325	.3375623	F .0137526	.0189169	.0177448
Stddev	.0001805	.0001980	.0027912	.0018842	.0024280	.0014139
%RSD	.5160475	.5206729	.8268570	13.70102	12.83512	7.967789
#1	.0350982	.0381563	.3405227	.0123286	.0180464	.0170930
#2	.0347728	.0381371	.3371855	.0130399	.0216602	.0193670
#3	.0350710	.0378041	.3349786	.0158892	.0170442	.0167744

Elem	Sr4077
Units	ppm
Avg	.0188278
Stddev	.0001901
%RSD	1.009658
#1	.0188384
#2	.0186326
#3	.0190124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.155	73092.70	13533.24	2203.239	4938.983
Stddev	10.726	273.92	76.20	7.602	13.691
%RSD	.3340307	.3747589	.5630350	.3450236	.2772047
#1	3210.261	72975.11	13492.25	2194.843	4927.698
#2	3222.301	72897.21	13486.31	2209.656	4954.213
#3	3200.905	73405.78	13621.15	2205.217	4935.036

Sample Name: ICB01 Acquired: 3/28/2025 9:03:20 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.0009079	.0009346	-.000766	-.000105	.0004045	-.004600	-.001058
Stddev	.0013502	.0007460	.000789	.001116	.0008240	.002458	.000519
%RSD	148.7175	79.82713	102.9342	1058.132	203.6995	53.42415	49.09053

#1	.0000973	.0001573	-.001157	-.001375	-.000536	-.003769	-.000496
#2	.0001598	.0010016	-.001284	.000339	.000751	-.007366	-.001520
#3	.0024666	.0016448	.000142	.000720	.000999	-.002666	-.001158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001583	-.000049	-.011560	.0000138	-.000080	-.000527	-.009048
Stddev	.0000336	.000054	.010733	.0002574	.000148	.000252	.000515
%RSD	21.26260	108.2695	92.85089	1867.292	185.9879	47.79478	5.690657

#1	.0001288	-.000044	-.021739	-.000189	-.000207	-.000556	-.008513
#2	.0001949	-.000106	-.000347	.000303	.000083	-.000262	-.009093
#3	.0001511	.000001	-.012593	-.000073	-.000114	-.000764	-.009539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000690	.0038010	-.000263	-.000092	-.003782	-.000196	-.001357
Stddev	.000466	.0055366	.000403	.000035	.012412	.000871	.000445
%RSD	67.57231	145.6624	153.0768	37.56568	328.2272	443.6312	32.82148

#1	-.001224	.0096685	.000092	-.000132	-.011750	.000666	-.000843
#2	-.000487	.0030654	-.000701	-.000077	.010520	-.001076	-.001633
#3	-.000360	-.001331	-.000180	-.000068	-.010114	-.000179	-.001595

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012777	.0072859	-.000103	.0025091	.0006690	.0051722	-.003686
Stddev	.004941	.0006501	.000020	.0002562	.0007598	.0048364	.001172
%RSD	38.67305	8.922383	19.68568	10.20890	113.5796	93.50750	31.80131

#1	-.018343	.0069416	-.000109	.0022140	.0001958	.0010407	-.004241
#2	-.008906	.0068803	-.000120	.0026397	.0015454	.0104920	-.002340
#3	-.011083	.0080357	-.000081	.0026736	.0002657	.0039839	-.004478

Sample Name: ICB01 Acquired: 3/28/2025 9:03:20 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	-.002767	-.001280	-.000180
Stddev	.001571	.000857	.000026
%RSD	56.79691	66.90851	14.66297

#1	-.002658	-.000546	-.000158
#2	-.001253	-.001074	-.000209
#3	-.004390	-.002221	-.000173

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.533	69264.31	13470.49	2123.031	5002.582
Stddev	17.281	303.96	62.73	7.614	19.542
%RSD	.5389162	.4388388	.4656985	.3586499	.3906284

#1	3219.643	68922.96	13516.11	2116.624	5018.259
#2	3213.004	69505.71	13496.42	2131.449	5008.797
#3	3186.950	69364.25	13398.95	2121.020	4980.688

Sample Name: CRI01 Acquired: 3/28/2025 9:07:41 Type: Unk
Method: NON EPA-6010-200.7(v2852) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199569	.0404626	.0116483	.0218571	.0527594	.0969322	.0883686
Stddev	.0010870	.0009057	.0000336	.0014478	.0010994	.0106103	.0006546
%RSD	5.446581	2.238488	.2888152	6.623921	2.083877	10.94608	.7407238

#1	.0203604	.0407531	.0116815	.0235234	.0519228	.1091323	.0879251
#2	.0207845	.0394472	.0116142	.0211418	.0540046	.0918052	.0880603
#3	.0187259	.0411874	.0116493	.0209062	.0523506	.0898592	.0891204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057022	.0057914	1.919492	.0097683	.0288571	.0219568	.0892421
Stddev	.0000985	.0000105	.003412	.0001692	.0001104	.0001895	.0015964
%RSD	1.727398	.1816474	.1777411	1.732069	.3827237	.8632226	1.788860

#1	.0057347	.0057992	1.917286	.0097650	.0288373	.0220725	.0901633
#2	.0057803	.0057954	1.917768	.0099391	.0287579	.0217381	.0873987
#3	.0055915	.0057794	1.923421	.0096007	.0289761	.0220599	.0901643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178607	2.073984	.0389164	.0106148	1.949964	.0390278	.0403319
Stddev	.0003800	.007721	.0003022	.0001604	.014754	.0016702	.0000965
%RSD	2.127401	.3722889	.7765022	1.511493	.7566352	4.279414	.2393033

#1	.0178306	2.082503	.0386697	.0104599	1.955271	.0396055	.0402349
#2	.0174966	2.072001	.0392534	.0107802	1.933290	.0371455	.0404279
#3	.0182548	2.067447	.0388260	.0106042	1.961330	.0403324	.0403328

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.925181	.0998369	.2047345	.0347728	.0373974	.3621059	.0141579
Stddev	.020001	.0003911	.0010148	.0000897	.0006758	.0068571	.0007053
%RSD	1.038899	.3917109	.4956639	.2579706	1.807201	1.893675	4.981967

#1	1.919594	.0996198	.2037579	.0348291	.0380690	.3688784	.0145085
#2	1.908567	.1002884	.2046622	.0348198	.0367174	.3551672	.0133459
#3	1.947381	.0996027	.2057836	.0346693	.0374058	.3622723	.0146192

Sample Name: CRI01 Acquired: 3/28/2025 9:07:41 Type: Unk
 Method: NON EPA-6010-200.7(v2852) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0247811	.0164113	.0183395
Stddev	.0015551	.0004619	.0001540
%RSD	6.275498	2.814665	.8395142
#1	.0251354	.0159702	.0185055
#2	.0230794	.0163720	.0182014
#3	.0261286	.0168916	.0183115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.224	69015.60	13866.51	2079.060	4770.393
Stddev	3.655	213.64	61.84	3.354	2.984
%RSD	.1177494	.3095564	.4459461	.1613385	.0625493
#1	3105.511	68851.31	13901.42	2077.057	4767.217
#2	3107.061	69257.11	13795.11	2082.933	4773.137
#3	3100.099	68938.37	13902.99	2077.192	4770.826

Sample Name: ICSA01 Acquired: 3/28/2025 9:11:58 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.0038031	.0097964	.0049623	-.002903	-.001576	248.2746
Stddev	.0021708	.0004747	.0025803	.003311	.002298	.7963
%RSD	57.07890	4.846126	51.99867	114.0470	145.7638	.3207261

#1	.0057151	.0102354	.0072926	.000920	.000181	248.0261
#2	.0014433	.0092926	.0021893	-.004821	-.000733	247.6321
#3	.0042510	.0098611	.0054049	-.004808	-.004176	249.1654

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026349	.0013426	-.002919	224.0269	.0575425	.0013022
Stddev	.0000828	.0000319	.000020	.7625	.0007900	.0003864
%RSD	3.142065	2.379766	.6995783	.3403516	1.372916	29.67235

#1	.0027298	.0013166	-.002926	224.0587	.0584178	.0014427
#2	.0025774	.0013328	-.002934	223.2490	.0568825	.0008652
#3	.0025976	.0013782	-.002896	224.7730	.0573271	.0015986

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047394	93.02726	.0014858	248.8613	.0024707	.0003703
Stddev	.0008175	.80908	.0004613	.9803	.0000741	.0003305
%RSD	17.24816	.8697236	31.04917	.3938984	2.997863	89.26667

#1	.0049354	93.70628	.0010121	248.5889	.0024989	.0005850
#2	.0054411	92.13204	.0015115	248.0460	.0023867	-.000010
#3	.0038418	93.24345	.0019336	249.9489	.0025266	.000536

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534833	.0038189	.0031425	.0450610	F .1742462	.0000430
Stddev	.0044471	.0005926	.0006110	.0091788	.0027143	.0009493
%RSD	8.314886	15.51752	19.44344	20.36965	1.557738	2209.230

#1	.0585088	.0041580	.0037850	.0347220	.1772106	-.001049
#2	.0500571	.0041640	.0030738	.0482108	.1718826	.000669
#3	.0518838	.0031346	.0025688	.0522501	.1736456	.000510

Sample Name: ICSA01 Acquired: 3/28/2025 9:11:58 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.002624	-.001446	.0205133	-.001533	-.011351	.0015763
Stddev	.001258	.001033	.0091522	.003371	.001999	.0009419
%RSD	47.95943	71.45562	44.61603	219.8849	17.60820	59.75431
#1	-.001923	-.002609	.0264307	.002352	-.013202	.0026451
#2	-.004076	-.000631	.0099716	-.003675	-.011619	.0008679
#3	-.001872	-.001099	.0251374	-.003276	-.009232	.0012157

Elem	Sr4077
Units	ppm
Avg	.0083021
Stddev	.0001674
%RSD	2.016602
#1	.0081099
#2	.0084159
#3	.0083806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.710	60872.92	12761.15	1829.933	3907.978
Stddev	9.083	341.92	23.25	17.396	7.626
%RSD	.3286451	.5616997	.1821785	.9506324	.1951447
#1	2771.181	60508.39	12763.53	1809.857	3915.651
#2	2766.350	61186.53	12783.11	1839.399	3907.884
#3	2753.600	60923.84	12736.80	1840.543	3900.399

Sample Name: ICSAB01 Acquired: 3/28/2025 9:16:14 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.1094847	.1087788	.0545208	.0438028	.6236786	246.9691
Stddev	.0019460	.0006850	.0026152	.0027804	.0011620	.5190
%RSD	1.777397	.6296912	4.796639	6.347666	.1863117	.2101428

#1	.1105716	.1080244	.0552399	.0457278	.6240922	246.5740
#2	.1072381	.1093617	.0567012	.0406150	.6223665	246.7765
#3	.1106445	.1089503	.0516213	.0450654	.6245773	247.5569

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4533481	.5038946	.9893435	223.5954	.5738964	.5027356
Stddev	.0015225	.0020525	.0015163	.5381	.0012600	.0006210
%RSD	.3358385	.4073342	.1532671	.2406586	.2195515	.1235201

#1	.4516013	.5028775	.9889917	222.9784	.5724444	.5023479
#2	.4543939	.5062571	.9880340	223.9678	.5745421	.5024071
#3	.4540489	.5025493	.9910049	223.8400	.5747026	.5034519

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012219	92.88912	.4572980	246.8011	.9985476	.1969890
Stddev	.0017510	.25064	.0023971	.2170	.0026326	.0006979
%RSD	.3493408	.2698323	.5241807	.0879198	.2636419	.3542763

#1	.4996871	92.64751	.4564452	246.5698	.9976624	.1961922
#2	.5008495	92.87193	.4600049	247.0002	.9964717	.1972831
#3	.5031291	93.14791	.4554440	246.8332	1.001509	.1974916

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571100	.4659465	1.067570	.0352196	F 1.179674	1.084986
Stddev	.0020225	.0022593	.001537	.0199106	.004386	.001784
%RSD	3.541339	.4848737	.1439768	56.53269	.3718176	.1643867

#1	.0556572	.4633814	1.066204	.0420150	1.174841	1.083622
#2	.0594199	.4668174	1.069235	.0508428	1.183402	1.084332
#3	.0562530	.4676406	1.067272	.0128009	1.180779	1.087004

Sample Name: ICSAB01 Acquired: 3/28/2025 9:16:14 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	1.069170	.9863628	.9158764	F -.000684	F -.012778	F .0011407
Stddev	.003127	.0028744	.0117214	.002885	.005473	.0008786
%RSD	.2924279	.2914106	1.279801	421.9204	42.82833	77.02523
#1	1.066012	.9833170	.9069424	.002067	-.008676	.0002069
#2	1.072264	.9867436	.9115382	-.000432	-.010667	.0019511
#3	1.069234	.9890278	.9291484	-.003686	-.018992	.0012640

Elem	Sr4077
Units	ppm
Avg	F .0083530
Stddev	.0003052
%RSD	3.653217
#1	.0082884
#2	.0086852
#3	.0080852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2779.246	60645.53	12713.52	1828.128	3921.327
Stddev	6.387	74.75	52.82	4.428	4.647
%RSD	.2297993	.1232627	.4154540	.2422386	.1185149
#1	2778.453	60714.87	12732.43	1832.663	3919.098
#2	2785.992	60566.34	12653.85	1823.814	3926.669
#3	2773.293	60655.39	12754.28	1827.907	3918.215

Sample Name: CCV01 Acquired: 3/28/2025 9:20:17 Type: Unk
Method: NON EPA-6010-200.7(v2852) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.783969	4.901096	4.766390	4.806170	4.804282	9.521503	9.174607
Stddev	.016306	.013399	.013699	.012241	.012965	.049023	.175096
%RSD	.3408517	.2733856	.2874069	.2546911	.2698685	.5148615	1.908481

#1	4.770221	4.914814	4.752104	4.792957	4.790224	9.576845	9.376539
#2	4.801984	4.900435	4.767651	4.808429	4.806853	9.483527	9.064906
#3	4.779701	4.888040	4.779415	4.817124	4.815769	9.504138	9.082377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2353660	2.375769	23.32809	.9836243	2.362046	1.203316	4.737027
Stddev	.0005970	.005575	.11375	.0002837	.006608	.001820	.020307
%RSD	.2536452	.2346649	.4876086	.0288418	.2797733	.1512155	.4286860

#1	.2360526	2.369865	23.45756	.9834262	2.355832	1.201468	4.760061
#2	.2350761	2.376498	23.24421	.9834974	2.361319	1.203374	4.729311
#3	.2349694	2.380943	23.28250	.9839493	2.368988	1.205106	4.721709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.280190	23.52131	2.373705	1.212761	24.41011	2.357059	2.444089
Stddev	.016979	.03614	.007023	.000919	.03313	.010818	.003229
%RSD	.7446359	.1536507	.2958848	.0757866	.1357231	.4589821	.1321296

#1	2.299682	23.56298	2.366886	1.212540	24.43992	2.369298	2.443206
#2	2.268616	23.49856	2.373311	1.211973	24.37444	2.348771	2.447668
#3	2.272273	23.50239	2.380917	1.213771	24.41596	2.353109	2.441393

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.88313	4.654912	4.853382	4.785469	4.636726	4.824955	4.782248
Stddev	.14647	.009419	.004042	.011730	.032095	.032741	.021791
%RSD	.6132637	.2023377	.0832858	.2451242	.6921943	.6785826	.4556593

#1	24.02710	4.664617	4.848966	4.774350	4.673786	4.791231	4.759006
#2	23.73429	4.654311	4.856898	4.784330	4.618216	4.827020	4.785520
#3	23.88801	4.645808	4.854281	4.797727	4.618175	4.856616	4.802218

Sample Name: CCV01 Acquired: 3/28/2025 9:20:17 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	4.663961	4.536150	4.647993
Stddev	.014837	.039859	.031570
%RSD	.3181256	.8786971	.6792277
#1	4.650468	4.581163	4.678186
#2	4.661565	4.505330	4.615205
#3	4.679850	4.521958	4.650586

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.229	66009.74	13305.43	2012.106	4450.645
Stddev	3.193	83.64	76.79	3.930	9.848
%RSD	.1045826	.1267087	.5771378	.1953375	.2212799
#1	3056.675	65917.16	13217.28	2007.733	4457.375
#2	3052.643	66079.86	13357.78	2015.343	4455.219
#3	3050.369	66032.20	13341.24	2013.243	4439.342

Sample Name: CCB01 Acquired: 3/28/2025 9:24:28 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.0007884	.0021335	-.000602	.0012832	.0015113	.0002678	-.002108
Stddev	.0010197	.0011796	.000694	.0038234	.0004131	.0017707	.000586
%RSD	129.3471	55.28985	115.2466	297.9590	27.33848	661.1335	27.81315

#1	.0000446	.0012619	-.000672	-.002993	.0012511	.0008625	-.002768
#2	.0003697	.0034758	-.001258	.002471	.0019876	-.001724	-.001911
#3	.0019508	.0016628	.000124	.004372	.0012950	.001665	-.001646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001316	.0000811	-.010733	.0000263	-.000030	-.000298	-.011906
Stddev	.0000250	.0000182	.006029	.0002810	.000103	.000129	.003442
%RSD	19.03118	22.47811	56.17635	1066.857	346.8185	43.45422	28.90991

#1	.0001463	.0000728	-.006102	-.000168	-.000004	-.000253	-.010919
#2	.0001458	.0000684	-.008546	.000349	-.000143	-.000444	-.015733
#3	.0001027	.0001019	-.017550	-.000101	.000058	-.000196	-.009065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000500	.0067357	-.000289	.0003852	.0038440	.0004335	-.001310
Stddev	.000622	.0018088	.000189	.0001408	.0044103	.0008943	.000086
%RSD	124.4616	26.85320	65.16102	36.55787	114.7325	206.2825	6.599529

#1	-.000885	.0058072	-.000072	.0004221	.0021374	.0006383	-.001246
#2	.000218	.0055798	-.000402	.0005039	.0088526	-.000545	-.001276
#3	-.000833	.0088202	-.000394	.0002296	.0005420	.001208	-.001409

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010732	.0059849	.0001685	.0017120	.0007292	.0061901	-.003815
Stddev	.019205	.0007508	.0002785	.0001428	.0004898	.0049936	.001643
%RSD	178.9403	12.54535	165.3490	8.337850	67.16638	80.67029	43.06711

#1	.010228	.0068385	.0000509	.0016567	.0003629	.0077538	-.005699
#2	-.027483	.0056897	-.000032	.0018742	.0012855	.0006018	-.003067
#3	-.014941	.0054266	.000487	.0016052	.0005392	.0102147	-.002680

Sample Name: CCB01 Acquired: 3/28/2025 9:24:28 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	-.001187	-.001364	.0001077
Stddev	.002811	.000358	.0001778
%RSD	236.8036	26.21959	164.9814
#1	.001734	-.001735	.0000678
#2	-.001422	-.001337	-.000047
#3	-.003874	-.001021	.000302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.229	68472.05	13889.97	2068.072	4954.023
Stddev	8.504	174.52	46.13	10.023	15.378
%RSD	.2695940	.2548782	.3320795	.4846499	.3104184
#1	3161.558	68525.84	13920.67	2070.532	4969.029
#2	3156.223	68613.35	13912.31	2076.636	4954.741
#3	3144.905	68276.97	13836.93	2057.048	4938.298

Sample Name: Q1648-02 Acquired: 3/28/2025 9:33:16 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.002167	-.005363	.0178796	.0024757	.0002311	.0222497	.1668122
Stddev	.000510	.001755	.0010625	.0026985	.0017577	.0027591	.0007888
%RSD	23.55667	32.72157	5.942394	108.9983	760.4468	12.40057	.4728841

#1	-.001843	-.005313	.0166538	.0051101	-.000231	.0204053	.1659020
#2	-.001901	-.007142	.0185353	-.000283	-.001249	.0254217	.1672983
#3	-.002755	-.003634	.0184498	.002600	.002174	.0209222	.1672362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000947	.0003922	11.86040	-.000272	-.000412	.0109316	.0752346
Stddev	.0000454	.0000415	.02163	.000399	.000037	.0002126	.0019211
%RSD	47.94142	10.57676	.1823454	146.5496	8.966774	1.944838	2.553435

#1	.0000469	.0004180	11.88534	-.000720	-.000384	.0110044	.0773872
#2	.0001372	.0004141	11.84682	-.000142	-.000454	.0110982	.0736943
#3	.0001001	.0003443	11.84905	.000045	-.000400	.0106921	.0746224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278362	1.475152	.0019796	.0007171	329.9499	.0011843	.2036194
Stddev	.0003533	.025964	.0003148	.0000846	1.2952	.0012896	.0012657
%RSD	1.269292	1.760057	15.90374	11.80388	.3925369	108.8884	.6215823

#1	.0282160	1.505099	.0020255	.0007024	328.6183	.0016204	.2050808
#2	.0277752	1.461405	.0016444	.0008081	330.0260	-.000267	.2028863
#3	.0275173	1.458952	.0022690	.0006408	331.2053	.002199	.2028909

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.579672	.0201759	.0000632	-.003237	.0003693	.7146034	.2991959
Stddev	.006856	.0005563	.0000574	.000244	.0004879	.0077270	.0041050
%RSD	.4339862	2.757274	90.96157	7.542827	132.1091	1.081293	1.371999

#1	1.577394	.0196427	.0000193	-.003060	.0005955	.7219939	.2979139
#2	1.574245	.0201323	.0001282	-.003516	.0007031	.7152372	.2958849
#3	1.587377	.0207527	.0000420	-.003136	-.000191	.7065790	.3037888

Sample Name: Q1648-02 Acquired: 3/28/2025 9:33:16 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	1.134168	-.004955	.0592527
Stddev	.004380	.000487	.0002762
%RSD	.3861817	9.821191	.4660741
#1	1.129257	-.005514	.0594824
#2	1.137672	-.004624	.0593294
#3	1.135574	-.004728	.0589463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.397	64574.83	14262.04	1869.701	4235.193
Stddev	6.554	181.21	40.22	9.858	5.859
%RSD	.2299491	.2806269	.2819951	.5272565	.1383398
#1	2850.637	64380.79	14217.28	1858.337	4237.412
#2	2856.829	64739.67	14273.72	1874.809	4239.618
#3	2843.727	64604.04	14295.13	1875.957	4228.548

Sample Name: PB167329TB Acquired: 3/28/2025 9:37:41 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.003644	-.004690	-.002083	.0040980	.0013281	.0031280
Stddev	.001479	.000763	.000939	.0025468	.0007918	.0054356
%RSD	40.57980	16.26278	45.09136	62.14889	59.61659	173.7721

#1	-.002774	-.004338	-.001516	.0014032	.0009670	-.002990
#2	-.002806	-.004167	-.003167	.0044255	.0007813	.007401
#3	-.005351	-.005565	-.001565	.0064652	.0022361	.004974

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006411	-.000111	-.000066	-.016692	.0000269	-.000169
Stddev	.000946	.000029	.000084	.004800	.0001920	.000118
%RSD	14.76112	25.85313	126.9766	28.75910	713.0437	69.92318

#1	-.006660	-.000100	-.000082	-.022228	.0001374	-.000046
#2	-.007209	-.000144	.000025	-.014164	.0001382	-.000179
#3	-.005366	-.000090	-.000142	-.013684	-.000195	-.000282

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000305	-.006983	-.000848	.0052361	.0007168	.0006148
Stddev	.000109	.003999	.000169	.0107530	.0000931	.0003645
%RSD	35.64018	57.26164	19.92261	205.3608	12.98247	59.27768

#1	-.000199	-.008170	-.000757	.0158162	.0008229	.0002537
#2	-.000300	-.010254	-.001043	-.005682	.0006784	.0006083
#3	-.000416	-.002525	-.000744	.005574	.0006491	.0009826

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 316.3738	-.000060	-.000428	-.046605	-.002716	-.000067
Stddev	1.8907	.000032	.000423	.014817	.000104	.000286
%RSD	.5976171	52.55785	98.84159	31.79237	3.832648	424.3325

#1	315.8021	-.000097	-.000152	-.038210	-.002778	-.000382
#2	318.4843	-.000038	-.000218	-.037892	-.002774	.000175
#3	314.8348	-.000046	-.000916	-.063714	-.002596	.000006

Sample Name: PB167329TB Acquired: 3/28/2025 9:37:41 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.003743	.0000900	.0094050	.0022208	F .0149736	-.004004
Stddev	.000178	.0005552	.0077466	.0018745	.0016925	.000886
%RSD	4.744042	617.1545	82.36675	84.40280	11.30306	22.13222
#1	-.003565	-.000550	.0038714	.0038442	.0156990	-.003224
#2	-.003920	.000378	.0060854	.0026490	.0161825	-.003819
#3	-.003744	.000442	.0182582	.0001694	.0130393	-.004967
Elem	Sr4077					
Units	ppm					
Avg	-.000161					
Stddev	.000028					
%RSD	17.37908					
#1	-.000137					
#2	-.000191					
#3	-.000154					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2908.109	64135.28	14232.96	1870.113	4325.528	
Stddev	11.376	101.88	21.22	7.947	12.253	
%RSD	.3911760	.1588497	.1490892	.4249559	.2832748	
#1	2897.042	64114.96	14208.86	1861.871	4319.751	
#2	2919.770	64045.09	14248.84	1870.739	4339.601	
#3	2907.515	64245.78	14241.18	1877.729	4317.231	

Sample Name: Q1648-04 Acquired: 3/28/2025 9:42:09 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.002078	-.006211	.0066823	.0034553	.0001403	.0051696	.2206941
Stddev	.003602	.000928	.0001304	.0023257	.0006904	.0052585	.0005201
%RSD	173.3320	14.93485	1.951373	67.30963	492.1862	101.7180	.2356490

#1	.001431	-.005163	.0065542	.0051554	-.000649	.0025959	.2204927
#2	-.005766	-.006547	.0068149	.0008049	.000437	.0112192	.2203049
#3	-.001899	-.006925	.0066779	.0044054	.000633	.0016938	.2212848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0004360	162.9066	-.000158	-.000374	.0054941	-.003667
Stddev	.000069	.0000729	.3326	.000387	.000043	.0004063	.001469
%RSD	330.5872	16.73160	.2041501	245.3866	11.61533	7.394802	40.06733

#1	.000034	.0004355	162.5291	.000174	-.000369	.0050268	-.003952
#2	.000002	.0003633	163.0342	-.000064	-.000420	.0056914	-.004972
#3	-.000099	.0005092	163.1565	-.000583	-.000333	.0057640	-.002076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2885295	1.937149	.0009748	.0001018	361.9334	.0034054	.0617106
Stddev	.0017107	.007651	.0002275	.0001214	1.5086	.0009943	.0004440
%RSD	.5928990	.3949515	23.33574	119.2645	.4168067	29.19907	.7195248

#1	.2879646	1.945287	.0007711	.0002411	363.6751	.0027475	.0616661
#2	.2871727	1.930102	.0009330	.0000185	361.0864	.0045493	.0621753
#3	.2904512	1.936059	.0012202	.0000458	361.0387	.0029195	.0612906

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.496690	.0234317	.0010034	-.006907	-.003380	1.743994	.0898953
Stddev	.044450	.0004943	.0001157	.000523	.000402	.009875	.0010065
%RSD	1.780361	2.109436	11.52859	7.571432	11.89754	.5662301	1.119600

#1	2.456183	.0236214	.0010097	-.007470	-.002984	1.737881	.0904061
#2	2.489646	.0238030	.0008847	-.006814	-.003788	1.738715	.0905440
#3	2.544242	.0228706	.0011158	-.006437	-.003368	1.755387	.0887359

Sample Name: Q1648-04 Acquired: 3/28/2025 9:42:09 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	2.893250	-.028159	.5042878
Stddev	.007080	.001900	.0012978
%RSD	.2447098	6.746911	.2573478
#1	2.885197	-.030228	.5029084
#2	2.896053	-.026493	.5054846
#3	2.898499	-.027756	.5044705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.544	62884.99	13562.98	1854.012	4101.444
Stddev	11.592	257.13	13.56	6.443	5.599
%RSD	.4108248	.4088964	.1000117	.3475064	.1365237
#1	2834.579	63156.28	13569.18	1860.437	4107.633
#2	2817.660	62853.85	13547.43	1847.552	4096.728
#3	2812.394	62644.85	13572.34	1854.046	4099.970

Sample Name: Q1648-06 Acquired: 3/28/2025 9:46:35 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.006029	-.005544	1.061203	.0018274	.0025023	.0228276	.3071533
Stddev	.002429	.001471	.005310	.0022405	.0014239	.0048377	.0019188
%RSD	40.29428	26.52964	.5003962	122.6062	56.90323	21.19237	.6247219

#1	-.008418	-.007099	1.060667	.0009330	.0036723	.0174014	.3082782
#2	-.003562	-.005359	1.056182	.0043769	.0009169	.0243915	.3082441
#3	-.006107	-.004175	1.066762	.0001722	.0029176	.0266899	.3049377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000841	.0010887	47.78945	.0003074	.0010990	.2386374	.7781539
Stddev	.0000416	.0000542	.14722	.0002944	.0001100	.0000964	.0109524
%RSD	49.45896	4.981417	.3080511	95.75825	10.00996	.0403975	1.407485

#1	.0000942	.0010269	47.83122	-.000030	.0011412	.2387473	.7877311
#2	.0001198	.0011286	47.91127	.000513	.0011817	.2385982	.7805183
#3	.0000384	.0011105	47.62586	.000439	.0009741	.2385669	.7662125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4007004	1.835792	.0054640	.0003122	354.4951	.0003153	.8729526
Stddev	.0029152	.003919	.0003456	.0002852	2.0746	.0009078	.0019057
%RSD	.7275279	.2135002	6.325410	91.36254	.5852392	287.9146	.2183091

#1	.4006155	1.839462	.0052046	.0006407	356.0730	-.000693	.8733540
#2	.4036571	1.836251	.0053311	.0001280	352.1451	.001068	.8746257
#3	.3978286	1.831664	.0058564	.0001678	355.2672	.000571	.8708782

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.683581	.0188961	.0002167	.0059229	-.000146	1.010095	.0352789
Stddev	.037771	.0003308	.0002545	.0007070	.000431	.010229	.0021906
%RSD	2.243485	1.750615	117.4568	11.93687	295.5375	1.012646	6.209305

#1	1.704364	.0186479	.0001667	.0058522	.000063	1.012616	.0350679
#2	1.706397	.0192716	.0004925	.0052540	.000141	1.018828	.0332014
#3	1.639983	.0187687	-.000009	.0066627	-.000642	.998842	.0375673

Sample Name: Q1648-06 Acquired: 3/28/2025 9:46:35 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	1.141283	-.009798	.2825812
Stddev	.004893	.000499	.0010995
%RSD	.4287104	5.088061	.3891093
#1	1.136927	-.010370	.2832692
#2	1.140343	-.009459	.2831613
#3	1.146577	-.009564	.2813131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2808.121	63446.61	13870.86	1846.282	4108.467
Stddev	6.235	236.93	42.94	9.170	8.438
%RSD	.2220179	.3734384	.3095543	.4966676	.2053750
#1	2815.281	63408.93	13885.26	1848.105	4118.192
#2	2803.896	63230.77	13822.57	1836.338	4103.093
#3	2805.185	63700.12	13904.75	1854.403	4104.116

Sample Name: Q1648-08 Acquired: 3/28/2025 9:50:57 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.000924	-.001825	.0491149	.0041421	.0018895	.3012541	.2478623
Stddev	.001279	.001402	.0007742	.0025932	.0009867	.0023123	.0009634
%RSD	138.3894	76.81271	1.576405	62.60692	52.21855	.7675498	.3886981

#1	-.002264	-.001374	.0482218	.0069634	.0016185	.2988187	.2478049
#2	-.000791	-.000704	.0495250	.0036002	.0010667	.3034195	.2469289
#3	.000283	-.003396	.0495978	.0018626	.0029834	.3015241	.2488532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001548	.0002204	17.29982	.0074592	.0034342	.0175080	.1082205
Stddev	.0000568	.0000229	.05098	.0003960	.0002488	.0004818	.0009689
%RSD	36.69629	10.40569	.2947094	5.309211	7.244612	2.751628	.8952801

#1	.0001823	.0002120	17.24273	.0070793	.0032469	.0175774	.1078970
#2	.0001926	.0002464	17.31593	.0078696	.0033392	.0169953	.1093097
#3	.0000895	.0002029	17.34081	.0074287	.0037165	.0179513	.1074547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075331	2.281124	.0050763	.0003399	320.5866	.0017055	.1152669
Stddev	.003165	.016670	.0004326	.0000348	.8818	.0009932	.0005330
%RSD	.2942862	.7307919	8.522680	10.24284	.2750685	58.23768	.4624469

#1	1.072945	2.297831	.0046588	.0003169	321.3985	.0025036	.1150787
#2	1.074126	2.264491	.0055226	.0003799	319.6485	.0005931	.1148535
#3	1.078920	2.281050	.0050474	.0003229	320.7130	.0020197	.1158685

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.563311	.0356294	.0002718	-.003935	.0023115	.9666111	.0487931
Stddev	.018308	.0003826	.0002726	.000782	.0001789	.0048626	.0017375
%RSD	.7142468	1.073742	100.3138	19.86869	7.740811	.5030553	3.560854

#1	2.581223	.0355347	.0004982	-.004794	.0022340	.9703338	.0507190
#2	2.564080	.0360504	-.000031	-.003745	.0025161	.9683899	.0473435
#3	2.544630	.0353031	.000348	-.003265	.0021844	.9611096	.0483167

Sample Name: Q1648-08 Acquired: 3/28/2025 9:50:57 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.3898795	-.005267	.0929111
Stddev	.0030040	.000609	.0003168
%RSD	.7704892	11.56921	.3409375
#1	.3925905	-.005517	.0926171
#2	.3866501	-.004572	.0928696
#3	.3903979	-.005710	.0932465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.615	65161.53	13932.43	1869.264	4274.687
Stddev	2.222	103.41	28.66	15.538	6.172
%RSD	.0770549	.1587019	.2056978	.8312398	.1443889
#1	2881.823	65054.52	13950.58	1851.465	4279.478
#2	2886.101	65169.15	13899.39	1880.121	4276.861
#3	2882.921	65260.92	13947.33	1876.206	4267.722

Sample Name: Q1648-10 Acquired: 3/28/2025 9:55:23 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.001825	-.003084	.0132440	.0045633	.0003209	.0933771	.3090892
Stddev	.001274	.001606	.0010641	.0011282	.0013829	.0059465	.0010611
%RSD	69.78617	52.07883	8.034528	24.72258	430.9209	6.368232	.3432815

#1	-.002415	-.003859	.0123612	.0033390	-.001231	.1002100	.3101705
#2	-.000363	-.004155	.0144255	.0047898	.000772	.0893743	.3090475
#3	-.002697	-.001237	.0129452	.0055610	.001422	.0905470	.3080497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001502	.0003168	24.21603	-.000465	.0001015	.0405905	.0188578
Stddev	.0000371	.0000303	.03001	.000143	.0002293	.0003155	.0040490
%RSD	24.70461	9.580603	.1239074	30.70533	225.9099	.7771607	21.47114

#1	.0001599	.0002818	24.18187	-.000405	.0002511	.0409047	.0195035
#2	.0001815	.0003355	24.23811	-.000628	-.000162	.0402738	.0145247
#3	.0001092	.0003331	24.22812	-.000362	.000216	.0405931	.0225451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2728326	2.210369	.0035549	.0006203	332.7648	.0007564	.2284797
Stddev	.0007605	.003642	.0000668	.0003331	1.6706	.0018004	.0019689
%RSD	.2787442	.1647523	1.878362	53.70526	.5020281	238.0337	.8617367

#1	.2735727	2.213785	.0035944	.0009476	331.9880	.0023658	.2307309
#2	.2728719	2.210784	.0034778	.0002816	334.6823	-.001188	.2270792
#3	.2720532	2.206537	.0035925	.0006318	331.6240	.001091	.2276290

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.948201	.0750160	-.000239	-.005099	.0003388	2.462214	.0428744
Stddev	.034547	.0002693	.000221	.000587	.0001640	.021282	.0015421
%RSD	1.773257	.3589870	92.61959	11.50799	48.40559	.8643374	3.596732

#1	1.979232	.0750001	-.000143	-.005040	.0004815	2.484102	.0416860
#2	1.954393	.0747551	-.000492	-.005712	.0003754	2.460945	.0446170
#3	1.910977	.0752929	-.000082	-.004543	.0001596	2.441595	.0423203

Sample Name: Q1648-10 Acquired: 3/28/2025 9:55:23 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	1.263604	-.006704	.1291431
Stddev	.004940	.001444	.0004528
%RSD	.3909652	21.53779	.3506421

#1	1.258843	-.005062	.1296296
#2	1.263261	-.007275	.1290659
#3	1.268706	-.007776	.1287339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.408	63201.05	13876.65	1842.980	4257.633
Stddev	5.959	362.99	19.35	18.380	11.689
%RSD	.2079534	.5743478	.1394464	.9973024	.2745354

#1	2865.996	62931.67	13896.87	1825.381	4258.504
#2	2871.051	63057.64	13858.30	1841.506	4268.862
#3	2859.177	63613.84	13874.78	1862.053	4245.533

Sample Name: Q1648-12 Acquired: 3/28/2025 9:59:47 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.001497	-.003601	.0114149	.0051779	.0007612	.2777076	.2778393
Stddev	.001119	.000753	.0014116	.0002540	.0003524	.0074738	.0009153
%RSD	74.72271	20.90578	12.36623	4.905065	46.29774	2.691249	.3294442

#1	-.002323	-.003412	.0101650	.0048895	.0009882	.2708865	.2768482
#2	-.000224	-.002960	.0111337	.0052759	.0009401	.2765396	.2780171
#3	-.001944	-.004430	.0129459	.0053682	.0003552	.2856966	.2786528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	.0000573	12.42181	.0001355	.0024001	.0107100	.1658979
Stddev	.0000701	.0000770	.04511	.0002253	.0001143	.0004079	.0048215
%RSD	311.8548	134.3983	.3631156	166.1949	4.762502	3.808958	2.906329

#1	.0000220	.0001168	12.37226	.0002040	.0022685	.0102952	.1681433
#2	.0000928	.0000848	12.43269	-.000116	.0024579	.0107241	.1691873
#3	-.000047	-.000030	12.46048	.000319	.0024740	.0111107	.1603632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8163839	1.534611	.0014039	.0003254	315.0680	.0020579	.1176880
Stddev	.0031906	.020173	.0001257	.0002320	2.3591	.0004500	.0011004
%RSD	.3908197	1.314535	8.957274	71.29342	.7487571	21.86495	.9350378

#1	.8128927	1.517182	.0015445	.0005854	316.3431	.0021352	.1165398
#2	.8171104	1.556710	.0013021	.0002512	316.5152	.0024643	.1177906
#3	.8191486	1.529942	.0013651	.0001396	312.3458	.0015743	.1187335

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827079	.0499887	-.000346	-.003932	.0069902	1.113342	.0311683
Stddev	.019439	.0007335	.000173	.000553	.0005623	.004648	.0020350
%RSD	1.063965	1.467292	50.08679	14.05782	8.043357	.4175114	6.529094

#1	1.849106	.0493991	-.000200	-.003315	.0065854	1.116948	.0332583
#2	1.812324	.0497570	-.000300	-.004101	.0067531	1.114982	.0291931
#3	1.819806	.0508101	-.000538	-.004381	.0076322	1.108096	.0310536

Sample Name: Q1648-12 Acquired: 3/28/2025 9:59:47 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	.9164454	-.006150	.0501840
Stddev	.0076377	.000916	.0001070
%RSD	.8334098	14.89398	.2132683
#1	.9084864	-.005092	.0502156
#2	.9171348	-.006655	.0500648
#3	.9237151	-.006701	.0502717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2919.836	63604.28	13599.20	1879.275	4315.738
Stddev	10.578	38.74	34.38	5.866	7.236
%RSD	.3622941	.0609014	.2528394	.3121424	.1676665
#1	2918.845	63578.22	13634.49	1885.802	4314.746
#2	2930.875	63648.80	13597.30	1877.579	4323.419
#3	2909.788	63585.84	13565.80	1874.444	4309.049

Sample Name: Q1648-14 Acquired: 3/28/2025 10:04:14 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.003380	-.004869	.0135902	.0034136	.0004910	.0123888	.2501236
Stddev	.000626	.001078	.0004572	.0026283	.0006241	.0029214	.0008314
%RSD	18.51432	22.14496	3.364193	76.99457	127.0953	23.58092	.3323869

#1	-.002727	-.004542	.0140619	.0053347	.0007756	.0140160	.2505351
#2	-.003974	-.003991	.0131490	.0004184	.0009221	.0141343	.2491667
#3	-.003439	-.006072	.0135596	.0044877	-.000225	.0090162	.2506689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000992	.0001559	30.94749	-.000358	-.000216	.0090973	-.003286
Stddev	.0000478	.0000540	.06122	.000473	.000123	.0001948	.002801
%RSD	48.20022	34.66675	.1978172	132.3510	56.65436	2.141752	85.23591

#1	.0000582	.0002182	30.95891	-.000658	-.000215	.0089997	-.001766
#2	.0000876	.0001216	30.88136	.000188	-.000339	.0093217	-.006519
#3	.0001517	.0001279	31.00219	-.000603	-.000094	.0089706	-.001574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318479	5.225619	.0010965	.0004171	351.5044	.0004187	.1181989
Stddev	.0004806	.026499	.0004689	.0001690	2.4756	.0010595	.0006072
%RSD	.3645074	.5070905	42.76855	40.52082	.7042786	253.0285	.5137136

#1	.1319163	5.213287	.0011886	.0002626	349.5734	-.000074	.1181492
#2	.1313368	5.207535	.0015125	.0003911	350.6445	-.000304	.1176181
#3	.1322907	5.256037	.0005883	.0005977	354.2952	.001635	.1188295

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.223828	.0457898	-.000024	-.004662	-.000436	.8026248	.1016547
Stddev	.029002	.0001022	.000064	.000459	.000274	.0023278	.0009793
%RSD	1.304159	.2231548	263.4115	9.840915	62.79603	.2900294	.9633852

#1	2.246345	.0457290	.000015	-.005040	-.000272	.8025408	.1026329
#2	2.191102	.0457325	-.000099	-.004151	-.000752	.8049934	.1016569
#3	2.234038	.0459077	.000011	-.004793	-.000284	.8003400	.1006743

Sample Name: Q1648-14 Acquired: 3/28/2025 10:04:14 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	1.532002	-.007925	.1321939
Stddev	.007560	.000860	.0003821
%RSD	.4934747	10.85328	.2890437

#1	1.540710	-.007295	.1325523
#2	1.527116	-.008905	.1317918
#3	1.528180	-.007576	.1322376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.405	64756.79	14019.35	1894.117	4229.262
Stddev	11.983	211.39	31.26	5.629	16.723
%RSD	.4132808	.3264427	.2229711	.2971895	.3954121

#1	2900.190	64589.05	14001.94	1891.688	4229.790
#2	2910.976	64994.24	14055.43	1900.553	4245.716
#3	2887.049	64687.09	14000.67	1890.110	4212.282

Sample Name: Q1598-06 Acquired: 3/28/2025 10:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.004112	-.004765	.1768161	.0011627	.0045597	.0335047	.2653486
Stddev	.000782	.001734	.0004122	.0014927	.0012164	.0085502	.0008800
%RSD	19.02418	36.39800	.2331254	128.3850	26.67601	25.51945	.3316511

#1	-.004674	-.006421	.1766894	.0026399	.0058182	.0299444	.2656228
#2	-.004443	-.004911	.1764822	.0011933	.0044706	.0432598	.2660588
#3	-.003219	-.002962	.1772768	-.000345	.0033904	.0273099	.2643640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0009231	90.31735	.0029302	.0058864	.0016279	.1485551
Stddev	.000008	.0000215	.08376	.0002591	.0001174	.0002634	.0015390
%RSD	126.8546	2.326003	.0927446	8.841843	1.994016	16.17828	1.035952

#1	.000001	.0009123	90.28498	.0030352	.0059525	.0014368	.1483330
#2	-.000005	.0009091	90.41248	.0026351	.0059558	.0015185	.1471393
#3	-.000015	.0009478	90.25461	.0031203	.0057508	.0019283	.1501931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8904447	4.669272	.0089274	.0005531	339.8690	.0006621	.8846054
Stddev	.0012576	.007455	.0003009	.0003237	4.3212	.0007376	.0063494
%RSD	.1412272	.1596697	3.370944	58.53374	1.271445	111.3967	.7177670

#1	.8913901	4.666344	.0087005	.0007760	341.0373	-.000006	.8776102
#2	.8909264	4.663725	.0092688	.0001818	335.0837	.001454	.8900044
#3	.8890175	4.677747	.0088130	.0007015	343.4860	.000539	.8862016

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.923365	.0833301	.0003917	-.006108	-.000968	2.097961	.0175022
Stddev	.016461	.0003430	.0001531	.000705	.000686	.003333	.0013358
%RSD	.5630984	.4115825	39.09173	11.54105	70.86329	.1588897	7.631989

#1	2.928146	.0832893	.0005179	-.005816	-.000218	2.096640	.0185303
#2	2.936907	.0836917	.0002213	-.006912	-.001121	2.101752	.0179838
#3	2.905042	.0830094	.0004360	-.005596	-.001564	2.095490	.0159924

Sample Name: Q1598-06 Acquired: 3/28/2025 10:08:39 Type: Unk
 Method: NON EPA-6010-200.7(v2852) 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	2.552872	-.016894	.2405607
Stddev	.009532	.000752	.0003220
%RSD	.3733767	4.454136	.1338549
#1	2.561943	-.017541	.2405243
#2	2.542938	-.017073	.2408994
#3	2.553737	-.016068	.2402585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.046	63349.12	13652.96	1842.674	4155.800
Stddev	5.366	113.41	7.99	9.213	3.376
%RSD	.1883401	.1790267	.0585216	.4999761	.0812440
#1	2853.257	63417.75	13649.51	1850.775	4159.643
#2	2850.876	63411.38	13647.28	1844.595	4154.446
#3	2843.004	63218.21	13662.10	1832.652	4153.311

Sample Name: Q1598-07 Acquired: 3/28/2025 10:13:03 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	-.003521	-.004960	.0063825	.0011961	.0009968	.0139990	.4531153
Stddev	.002816	.000934	.0003355	.0021716	.0003978	.0061730	.0009839
%RSD	79.99219	18.82709	5.256616	181.5655	39.90857	44.09586	.2171465

#1	-.000327	-.006037	.0060594	.0022134	.0006044	.0072520	.4538363
#2	-.004587	-.004464	.0063588	-.001298	.0013998	.0193635	.4535152
#3	-.005648	-.004379	.0067292	.002672	.0009861	.0153816	.4519944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000761	.0008781	50.87967	-.000196	-.000297	.0058340	.0786231
Stddev	.0000877	.0000148	.04109	.000227	.000028	.0004728	.0018800
%RSD	115.2195	1.685395	.0807559	115.5881	9.399310	8.104593	2.391175

#1	.0001389	.0008777	50.89891	-.000304	-.000328	.0057852	.0807101
#2	.0001136	.0008931	50.90761	.000064	-.000288	.0053874	.0770620
#3	-.000024	.0008635	50.83249	-.000349	-.000275	.0063293	.0780972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3514825	3.190768	.0015181	.0002554	386.2770	.0015834	.3492692
Stddev	.0004573	.021580	.0002333	.0004011	1.1753	.0022845	.0016868
%RSD	.1300950	.6763414	15.36794	157.0272	.3042557	144.2804	.4829599

#1	.3518073	3.169133	.0013493	.0007178	387.3314	.0012503	.3473216
#2	.3516807	3.212293	.0014208	.0000004	386.4896	-.000516	.3502193
#3	.3509596	3.190877	.0017844	.0000481	385.0099	.004016	.3502667

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.165517	.1243811	.0001317	-.005453	-.000383	3.181822	.1635496
Stddev	.006774	.0007596	.0001094	.000575	.000214	.010023	.0014054
%RSD	.1626218	.6107109	83.05156	10.55185	55.96326	.3149925	.8593331

#1	4.163767	.1238116	.0000518	-.005969	-.000629	3.187724	.1619324
#2	4.159790	.1240881	.0000869	-.004833	-.000240	3.187492	.1644762
#3	4.172994	.1252435	.0002563	-.005557	-.000279	3.170250	.1642400

Sample Name: Q1598-07 Acquired: 3/28/2025 10:13:03 Type: Unk
Method: NON EPA-6010-200.7(v2852) 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	1.117824	-.011137	.2192109
Stddev	.006513	.001494	.0001869
%RSD	.5826058	13.41355	.0852752
#1	1.113531	-.009644	.2193704
#2	1.114623	-.012632	.2192573
#3	1.125317	-.011136	.2190052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.209	61097.56	13728.48	1776.564	4094.374
Stddev	10.038	73.74	40.85	7.968	8.797
%RSD	.3592323	.1206929	.2975634	.4485144	.2148656
#1	2805.067	61155.44	13770.94	1785.336	4104.355
#2	2792.295	61122.69	13725.04	1774.581	4091.021
#3	2785.267	61014.53	13689.46	1769.775	4087.746

Sample Name: CCV02 Acquired: 3/28/2025 10:30:13 Type: Unk
Method: NON EPA-6010-200.7(v2853) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941023	4.937970	4.786232	4.982175	5.050927	9.793710	9.051135
Stddev	.009701	.021614	.019568	.008310	.019014	.008317	.021768
%RSD	.1963399	.4377088	.4088358	.1668014	.3764554	.0849188	.2404956

#1	4.945483	4.920274	4.772905	4.980624	5.048675	9.784131	9.054699
#2	4.929894	4.931576	4.777093	4.974748	5.033139	9.799091	9.070901
#3	4.947692	4.962059	4.808697	4.991151	5.070967	9.797909	9.027806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2312430	2.372315	22.94083	.9978451	2.369310	1.227398	4.645264
Stddev	.0007636	.008386	.04546	.0014979	.006012	.003633	.011005
%RSD	.3302207	.3535148	.1981435	.1501132	.2537421	.2960205	.2369043

#1	.2319485	2.364935	22.92774	.9981393	2.364813	1.226597	4.638307
#2	.2304322	2.370574	22.99139	.9991741	2.366979	1.224233	4.657952
#3	.2313484	2.381435	22.90335	.9962219	2.376138	1.231365	4.639533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.450353	23.55939	2.380333	1.227644	24.94348	2.349897	2.490248
Stddev	.012037	.05949	.007264	.001875	.05597	.006172	.008845
%RSD	.4912526	.2524934	.3051717	.1526988	.2243821	.2626317	.3551951

#1	2.456355	23.50637	2.376247	1.229296	24.91404	2.343182	2.489000
#2	2.458209	23.62372	2.376032	1.225606	25.00802	2.355322	2.482094
#3	2.436494	23.54809	2.388720	1.228029	24.90837	2.351186	2.499651

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.92137	4.589102	5.020049	4.786739	4.620638	4.945572	4.815772
Stddev	.04776	.008046	.015807	.014283	.004222	.017891	.014859
%RSD	.1996500	.1753269	.3148839	.2983821	.0913653	.3617584	.3085537

#1	23.97632	4.597383	5.014706	4.777380	4.625485	4.928598	4.814765
#2	23.88980	4.581314	5.007606	4.779659	4.618669	4.964257	4.801442
#3	23.89800	4.588610	5.037836	4.803179	4.617761	4.943860	4.831109

Sample Name: CCV02 Acquired: 3/28/2025 10:30:13 Type: Unk
 Method: NON EPA-6010-200.7(v2853) 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	4.658945	4.530818	4.590265
Stddev	.018670	.009478	.090973
%RSD	.4007370	.2091937	1.981870
#1	4.652382	4.538342	4.682331
#2	4.644442	4.533938	4.588038
#3	4.680010	4.520173	4.500425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.284	66086.46	13521.83	1896.628	4443.448
Stddev	12.752	43.41	32.84	4.963	16.823
%RSD	.4275804	.0656805	.2428602	.2616810	.3785983
#1	2979.789	66036.48	13486.00	1895.143	4442.847
#2	2996.099	66108.26	13550.49	1902.165	4460.564
#3	2970.965	66114.65	13529.00	1892.578	4426.934

Sample Name: CCB02 Acquired: 3/28/2025 10:34:20 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.0021237	.0006905	-.000947	.0006817	.0004795	-.003824	-.008452
Stddev	.0020144	.0012420	.000566	.0017964	.0015032	.004745	.000027
%RSD	94.85212	179.8631	59.78392	263.5220	313.5103	124.0780	.3206893

#1	.0020710	-.000737	-.000350	-.000974	.0018434	-.006397	-.008481
#2	.0041639	.001527	-.001477	.000427	-.001132	.001651	-.008450
#3	.0001362	.001281	-.001014	.002592	.000727	-.006726	-.008427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001844	-.000009	-.010460	.0002128	.0000048	-.000239	-.010892
Stddev	.0000726	.000041	.004232	.0000380	.0002808	.000385	.002295
%RSD	39.35988	442.9291	40.45561	17.86513	5915.131	161.0767	21.07335

#1	.0001546	.000001	-.012587	.0002227	-.000255	-.000267	-.013536
#2	.0002671	-.000054	-.013206	.0002449	.000302	-.000610	-.009731
#3	.0001314	.000025	-.005587	.0001708	-.000033	.000159	-.009409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000167	.0111308	.0000674	.0007207	.0739157	.0007350	-.001253
Stddev	.000274	.0069458	.0002221	.0001665	.0052017	.0011069	.000128
%RSD	163.8440	62.40145	329.4826	23.10102	7.037292	150.5941	10.24075

#1	-.000443	.0185026	.0003237	.0008342	.0700290	.0009438	-.001320
#2	.000106	.0047087	-.000053	.0007984	.0718933	-.000461	-.001105
#3	-.000165	.0101811	-.000068	.0005296	.0798249	.001723	-.001333

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706362	.0066459	.0002481	.0023014	.0008332	-.001632	-.002410
Stddev	.0035115	.0000667	.0002209	.0005499	.0004133	.003413	.001752
%RSD	4.971176	1.004265	89.04136	23.89243	49.60084	209.1843	72.69037

#1	.0679716	.0066866	.0000089	.0020493	.0012756	-.003491	-.003712
#2	.0693217	.0065689	.0004444	.0019228	.0004572	-.003711	-.003098
#3	.0746152	.0066823	.0002910	.0029321	.0007667	.002308	-.000418

Sample Name: CCB02 Acquired: 3/28/2025 10:34:20 Type: Unk
 Method: NON EPA-6010-200.7(v2854) 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	-.000005	.0009847	-.000099
Stddev	.003546	.0010390	.000035
%RSD	64438.62	105.5090	35.07427
#1	.003385	.0016429	-.000126
#2	-.003689	.0015243	-.000112
#3	.000288	-.000213	-.000060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3088.702	69555.77	14009.04	1980.872	4945.741
Stddev	14.741	886.89	51.83	16.805	17.473
%RSD	.4772437	1.275075	.3699931	.8483396	.3532906
#1	3071.994	70019.58	14064.19	1985.093	4925.615
#2	3099.872	70114.59	13961.33	1995.164	4957.038
#3	3094.238	68533.15	14001.60	1962.359	4954.570

Sample Name: Q1642-02 Acquired: 3/28/2025 10:38:40 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.002195	-.002669	.8098483	.0029035	.0012809	.0556599	.2078771
Stddev	.000409	.000554	.0022614	.0022163	.0013124	.0040202	.0008846
%RSD	18.62804	20.73837	.2792432	76.33109	102.4564	7.222775	.4255652

#1	-.001939	-.003169	.8116074	.0029777	.0002796	.0510306	.2085941
#2	-.001979	-.002764	.8072974	.0006511	.0027666	.0582731	.2081486
#3	-.002667	-.002074	.8106402	.0050818	.0007965	.0576761	.2068885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003216	-.000084	31.05970	.0012959	.0064487	.0046600	7.296369
Stddev	.0000342	.000052	.11286	.0001074	.0000574	.0001004	.003053
%RSD	10.64478	61.74328	.3633791	8.286380	.8906671	2.154473	.0418431

#1	.0003134	-.000025	31.06865	.0014198	.0063897	.0045860	7.299656
#2	.0002922	-.000124	31.16782	.0012285	.0065044	.0046196	7.293622
#3	.0003592	-.000102	30.94262	.0012395	.0064520	.0047742	7.295829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792711	4.903301	.0101178	.0004152	427.8540	.0009039	.1575768
Stddev	.007470	.009693	.0002986	.0001126	2.7381	.0012387	.0012978
%RSD	.4166765	.1976874	2.951081	27.12320	.6399662	137.0296	.8236066

#1	1.794527	4.906504	.0097783	.0004759	430.9352	.0000009	.1572182
#2	1.799105	4.910987	.0103395	.0002853	425.6996	.0003948	.1564960
#3	1.784501	4.892411	.0102356	.0004844	426.9271	.0023160	.1590162

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.153312	.0352308	-.000236	-.004795	-.000242	1.533605	.0019090
Stddev	.019512	.0006320	.000323	.000723	.000273	.005239	.0010588
%RSD	.9061203	1.793892	137.0079	15.07970	112.7597	.3416118	55.46465

#1	2.145630	.0346561	-.000369	-.004846	-.000437	1.533005	.0027416
#2	2.175495	.0359076	-.000470	-.004047	-.000358	1.528691	.0022680
#3	2.138810	.0351288	.000133	-.005490	.000070	1.539118	.0007173

Sample Name: Q1642-02 Acquired: 3/28/2025 10:38:40 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.9415682	-.004554	.0958187
Stddev	.0050504	.001368	.0004909
%RSD	.5363842	30.03728	.5123458
#1	.9364429	-.005795	.0960941
#2	.9417214	-.003087	.0961101
#3	.9465403	-.004778	.0952519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.306	62807.52	13989.41	1853.271	4142.131
Stddev	8.989	180.77	31.72	12.048	4.520
%RSD	.3154810	.2878084	.2267380	.6501066	.1091135
#1	2848.969	62784.14	14007.92	1860.519	4145.280
#2	2858.459	62998.83	13952.78	1859.930	4144.160
#3	2840.490	62639.58	14007.53	1839.363	4136.952

Sample Name: Q1643-04 Acquired: 3/28/2025 10:43:04 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.0186926	.0101241	.0057143	-.011908	.0001228	.0101378	.5732189
Stddev	.0026030	.0021796	.0012572	.002980	.0002379	.0009813	.0023148
%RSD	13.92550	21.52855	22.00154	25.02659	193.6740	9.679312	.4038239

#1	.0181800	.0076126	.0044177	-.011086	.0001867	.0105528	.5755223
#2	.0163840	.0112390	.0057971	-.009424	-.000140	.0108434	.5708929
#3	.0215138	.0115207	.0069281	-.015212	.000322	.0090172	.5732414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014857	-.008935	4.087102	.0013321	.0320802	.0067197	138.4247
Stddev	.0000219	.000129	.017245	.0004196	.0002543	.0001668	.9247
%RSD	1.472782	1.445239	.4219323	31.50230	.7927203	2.481992	.6680453

#1	.0014640	-.009042	4.105083	.0012633	.0317876	.0069057	137.6429
#2	.0015077	-.008792	4.085519	.0017819	.0322480	.0065833	138.1856
#3	.0014854	-.008970	4.070703	.0009511	.0322050	.0066702	139.4454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.292819	1.093526	.0739731	.0017863	337.5858	.0021475	.9356318
Stddev	.007691	.005163	.0003641	.0000558	2.6036	.0011162	.0008165
%RSD	.5949014	.4721801	.4922205	3.124875	.7712303	51.97602	.0872709

#1	1.295343	1.087564	.0737481	.0018501	334.9098	.0033635	.9356992
#2	1.284183	1.096446	.0737780	.0017462	340.1103	.0011694	.9347836
#3	1.298930	1.096568	.0743932	.0017628	337.7371	.0019096	.9364125

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.074098	.4762378	.0168121	-.003886	.0006347	5.502829	.0109157
Stddev	.024286	.0008877	.0000457	.001227	.0005604	.047916	.0009296
%RSD	2.261072	.1864013	.2719537	31.56820	88.29812	.8707486	8.516554

#1	1.089973	.4758394	.0168630	-.002805	.0001554	5.447932	.0103540
#2	1.046140	.4756191	.0167745	-.003633	.0012508	5.524306	.0104044
#3	1.086180	.4772550	.0167989	-.005219	.0004978	5.536250	.0119888

Sample Name: Q1643-04 Acquired: 3/28/2025 10:43:04 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	5.834010	.0530765	-.106739
Stddev	.014956	.0001562	.000840
%RSD	.2563580	.2943663	.7872658

#1	5.830461	.0531840	-.105975
#2	5.821147	.0531483	-.106605
#3	5.850421	.0528973	-.107639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.702	63087.79	13384.59	1871.592	4184.018
Stddev	3.730	157.90	69.82	6.845	5.035
%RSD	.1314307	.2502815	.5216118	.3657325	.1203483

#1	2833.396	63221.12	13304.52	1876.866	4178.276
#2	2839.897	63128.82	13416.53	1874.053	4186.094
#3	2839.814	62913.43	13432.72	1863.857	4187.683

Sample Name: Q1645-04 Acquired: 3/28/2025 10:47:25 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.002405	-.000982	.0209873	.0022270	.0011770	.0196812	.4400419
Stddev	.001411	.001244	.0000778	.0016323	.0032409	.0041065	.0008483
%RSD	58.68172	126.6805	.3705816	73.29467	275.3657	20.86521	.1927664

#1	-.003027	-.000232	.0210687	.0010675	-.001750	.0189741	.4404786
#2	-.000789	-.002418	.0209137	.0040935	.000620	.0159741	.4405829
#3	-.003398	-.000296	.0209796	.0015199	.004660	.0240954	.4390643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002440	.0000854	5.681913	-.000301	-.000041	.0273725	.0073097
Stddev	.0000603	.0000748	.018168	.000073	.000149	.0001365	.0028903
%RSD	24.70801	87.61158	.3197448	24.28618	364.6441	.4985753	39.54098

#1	.0002690	.0000012	5.685669	-.000351	.000094	.0275292	.0044491
#2	.0001753	.0001443	5.697910	-.000217	-.000016	.0273089	.0072511
#3	.0002878	.0001106	5.662161	-.000335	-.000201	.0272795	.0102289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872279	.7681556	.0021414	.0006392	309.7210	.0009973	.1073732
Stddev	.0003407	.0022638	.0001398	.0002442	1.8194	.0006233	.0008179
%RSD	.3905304	.2947116	6.526644	38.21226	.5874441	62.49868	.7617186

#1	.0875918	.7686942	.0023024	.0005443	308.3103	.0003064	.1076148
#2	.0869166	.7701017	.0020701	.0009166	311.7746	.0015173	.1064618
#3	.0871753	.7656711	.0020516	.0004566	309.0782	.0011682	.1080432

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8834207	.0460826	-.000254	-.003721	.0000320	.3546252	.0237965
Stddev	.0053289	.0003161	.000186	.001043	.0003718	.0074966	.0013761
%RSD	.6032136	.6860142	73.26481	28.02084	1162.562	2.113935	5.782901

#1	.8792577	.0462576	-.000444	-.004923	.0000018	.3570806	.0242898
#2	.8894264	.0457176	-.000248	-.003178	-.000324	.3605862	.0222417
#3	.8815780	.0462725	-.000071	-.003062	.000418	.3462089	.0248580

Sample Name: Q1645-04 Acquired: 3/28/2025 10:47:25 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.3833360	-.004252	.0407332
Stddev	.0024595	.000799	.0001650
%RSD	.6416089	18.78405	.4051554
#1	.3821919	-.003853	.0405436
#2	.3861591	-.005172	.0408441
#3	.3816568	-.003731	.0408120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.272	65508.28	13972.46	1911.366	4330.405
Stddev	13.896	242.85	36.10	2.984	15.612
%RSD	.4750354	.3707219	.2583993	.1561436	.3605247
#1	2931.415	65532.82	13946.68	1910.916	4334.209
#2	2935.038	65254.09	13956.97	1908.632	4343.765
#3	2909.363	65737.93	14013.72	1914.550	4313.243

Sample Name: Q1645-08 Acquired: 3/28/2025 10:51:52 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.003329	-.003002	.0155932	.0028378	.0013241	.1475173	.4205470
Stddev	.001338	.000996	.0005475	.0012655	.0004996	.0011495	.0041493
%RSD	40.20946	33.16358	3.511365	44.59393	37.73170	.7792203	.9866505

#1	-.004651	-.004137	.0162025	.0023380	.0009160	.1473373	.4236612
#2	-.001975	-.002596	.0151424	.0018985	.0018813	.1487462	.4221431
#3	-.003359	-.002274	.0154349	.0042768	.0011750	.1464684	.4158366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000140	.0000163	2.551507	-.000047	.0001041	.0117241	.3537130
Stddev	.0000190	.0000693	.002885	.000447	.0000577	.0001989	.0033063
%RSD	135.1305	426.0001	.1130725	942.1235	55.46930	1.696795	.9347317

#1	.0000046	.0000830	2.550624	-.000030	.0001685	.0118411	.3565868
#2	.0000359	-.000055	2.554730	-.000503	.0000868	.0118369	.3544526
#3	.0000017	.000021	2.549166	.000390	.0000570	.0114945	.3500996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1619995	.3078516	.0015422	.0002475	399.8421	.0003954	.1120997
Stddev	.0015108	.0078622	.0001110	.0001797	1.0321	.0010523	.0004493
%RSD	.9326169	2.553902	7.196227	72.61911	.2581284	266.1633	.4008264

#1	.1633549	.3059446	.0014205	.0000731	398.6585	.0008299	.1118501
#2	.1622731	.3011183	.0015681	.0004321	400.3126	-.000805	.1126184
#3	.1603706	.3164920	.0016379	.0002372	400.5551	.001161	.1118306

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5725632	.0515916	-.000215	-.003021	.0010048	.6054360	.0018236
Stddev	.0115705	.0011115	.000203	.000289	.0001232	.0070255	.0016739
%RSD	2.020821	2.154370	94.08388	9.564505	12.26406	1.160410	91.79280

#1	.5849268	.0524406	-.000287	-.003349	.0009877	.5984242	.0032273
#2	.5707670	.0520005	.000013	-.002912	.0011357	.6124752	-.000029
#3	.5619959	.0503335	-.000372	-.002803	.0008910	.6054087	.002272

Sample Name: Q1645-08 Acquired: 3/28/2025 10:51:52 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.5619036	-.003511	.0258942
Stddev	.0009140	.000881	.0001991
%RSD	.1626584	25.08868	.7690259
#1	.5620422	-.004508	.0259240
#2	.5627403	-.003186	.0260768
#3	.5609282	-.002839	.0256819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.798	63184.91	13434.81	1837.055	4179.119
Stddev	8.929	189.50	21.48	6.286	12.858
%RSD	.3157733	.2999099	.1599107	.3421615	.3076789
#1	2838.010	63314.97	13432.01	1843.030	4193.592
#2	2823.922	62967.49	13414.86	1830.499	4174.757
#3	2821.461	63272.27	13457.55	1837.637	4169.010

Sample Name: Q1662-04 Acquired: 3/28/2025 10:56:19 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.001437	-.005338	.0033860	.0041535	.0013418	.0509459	.5526308
Stddev	.000975	.001768	.0003326	.0006146	.0006774	.0025096	.0007514
%RSD	67.82778	33.12607	9.824052	14.79756	50.48459	4.925921	.1359679

#1	-.001102	-.003311	.0036218	.0046486	.0015446	.0482030	.5517752
#2	-.002535	-.006564	.0035307	.0034656	.0005861	.0515080	.5531830
#3	-.000674	-.006140	.0030055	.0043464	.0018946	.0531267	.5529343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004147	.0001277	4.816882	.0004911	.0056183	.0376291	.0764509
Stddev	.0000754	.0001240	.017619	.0003163	.0001986	.0002086	.0027912
%RSD	18.17530	97.06559	.3657716	64.40784	3.534820	.5542401	3.650996

#1	.0003908	.0001729	4.836894	.0004212	.0056309	.0376085	.0740198
#2	.0004991	-.000012	4.803704	.0008365	.0054138	.0378472	.0758338
#3	.0003542	.000223	4.810047	.0002156	.0058104	.0374317	.0794990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.772929	.6161199	.0038989	.0002238	362.4578	.0002473	.1155832
Stddev	.003138	.0142909	.0001665	.0002146	4.5750	.0004510	.0005800
%RSD	.1131802	2.319491	4.269523	95.90924	1.262206	182.3388	.5018047

#1	2.769690	.6314123	.0040369	.0001711	366.3948	.0006069	.1160457
#2	2.773142	.6031038	.0039457	.0000404	363.5397	.0003938	.1157714
#3	2.775956	.6138437	.0037140	.0004598	357.4388	-.000259	.1149325

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7749998	.0463122	.0002369	-.003889	.0011737	.3713108	.0078046
Stddev	.0107314	.0004366	.0000884	.000969	.0001315	.0047350	.0005117
%RSD	1.384698	.9427614	37.32311	24.92276	11.19956	1.275218	6.556070

#1	.7857342	.0467747	.0003388	-.002770	.0010278	.3659382	.0082865
#2	.7642714	.0462548	.0001820	-.004432	.0012829	.3748755	.0072676
#3	.7749937	.0459072	.0001898	-.004466	.0012104	.3731187	.0078596

Sample Name: Q1662-04 Acquired: 3/28/2025 10:56:19 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.5593201	-.003646	.0429355
Stddev	.0066747	.000311	.0000536
%RSD	1.193364	8.520770	.1247389
#1	.5543783	-.003567	.0428758
#2	.5566689	-.003383	.0429515
#3	.5669131	-.003989	.0429792

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.121	63377.87	14001.38	1810.728	4268.109
Stddev	6.790	172.53	46.26	3.384	8.191
%RSD	.2376423	.2722302	.3304291	.1869073	.1919056
#1	2850.787	63537.83	13955.34	1811.621	4265.697
#2	2856.286	63195.04	14047.87	1806.987	4277.234
#3	2864.290	63400.73	14000.92	1813.577	4261.395

Sample Name: Q1662-08 Acquired: 3/28/2025 11:00:45 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.000175	-.004033	.0083155	.0024698	.0007614	.0580969	.4023058
Stddev	.000331	.002137	.0004090	.0023744	.0020114	.0046670	.0006601
%RSD	189.4845	52.98232	4.918765	96.13798	264.1613	8.033141	.1640738

#1	-.000449	-.005463	.0087589	.0006829	-.000315	.0633323	.4017528
#2	.000193	-.005059	.0082347	.0051641	-.000483	.0565857	.4021282
#3	-.000268	-.001577	.0079529	.0015624	.003082	.0543728	.4030366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002215	-.000128	15.57899	.0001725	.0085370	.0052872	4.435614
Stddev	.0000979	.000038	.05275	.0000918	.0001861	.0002056	.016860
%RSD	44.21585	29.58577	.3385805	53.19409	2.179327	3.888702	.3801066

#1	.0001086	-.000102	15.51893	.0002584	.0084644	.0055209	4.441581
#2	.0002729	-.000172	15.60024	.0001833	.0087484	.0052065	4.416582
#3	.0002831	-.000110	15.61780	.0000758	.0083982	.0051342	4.448678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.178220	.4143747	.0041670	.0001861	324.5301	.0004199	.1165337
Stddev	.008078	.0073797	.0003017	.0001045	3.7653	.0002541	.0007283
%RSD	.3708476	1.780916	7.240360	56.13519	1.160233	60.51532	.6250007

#1	2.171156	.4135548	.0039226	.0002565	322.8112	.0001281	.1173124
#2	2.176477	.4074392	.0045042	.0002357	328.8481	.0005396	.1164196
#3	2.187027	.4221300	.0040741	.0000661	321.9311	.0005922	.1158692

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.507354	.0467016	.0001881	-.004878	.0001751	.6327281	.0047763
Stddev	.028160	.0006968	.0005129	.000241	.0000799	.0071905	.0026283
%RSD	1.868178	1.492117	272.6821	4.947474	45.67031	1.136427	55.02772

#1	1.539868	.0458969	-.000162	-.005044	.0002551	.6397685	.0074912
#2	1.490759	.0471025	.000777	-.004989	.0000953	.6330195	.0022442
#3	1.491435	.0471053	-.000050	-.004601	.0001747	.6253964	.0045935

Sample Name: Q1662-08 Acquired: 3/28/2025 11:00:45 Type: Unk
 Method: NON EPA-6010-200.7(v2854) 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	.7341938	-.004359	.1492881
Stddev	.0086756	.000576	.0003301
%RSD	1.181648	13.22490	.2210834
#1	.7352793	-.004908	.1489423
#2	.7250266	-.004410	.1493221
#3	.7422756	-.003758	.1495998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.268	65494.29	13975.09	1922.833	4271.489
Stddev	6.420	171.46	119.69	19.161	13.002
%RSD	.2200748	.2618006	.8564760	.9964893	.3043930
#1	2923.191	65296.87	14111.46	1901.326	4279.492
#2	2918.167	65605.95	13887.43	1929.086	4278.488
#3	2910.446	65580.06	13926.39	1938.085	4256.486

Sample Name: Q1662-08DUP Acquired: 3/28/2025 11:05:10 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.001320	-.004091	.0088668	.0024248	.0011472	.0583333	.4085279
Stddev	.001663	.001913	.0006228	.0014270	.0007080	.0066981	.0011614
%RSD	125.9842	46.75520	7.024385	58.85049	61.71444	11.48249	.2842888
#1	-.002030	-.005519	.0081597	.0013852	.0003887	.0639127	.4093931
#2	-.002511	-.004838	.0093339	.0040517	.0012622	.0509049	.4072080
#3	.000580	-.001918	.0091069	.0018374	.0017906	.0601823	.4089828
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002559	-.000162	15.74189	.0001219	.0083530	.0054332	4.545392
Stddev	.0000172	.000009	.00931	.0001231	.0001363	.0004762	.014325
%RSD	6.721426	5.610841	.0591664	101.0085	1.631443	8.765005	.3151439
#1	.0002713	-.000172	15.75177	.0000274	.0082892	.0056746	4.530138
#2	.0002591	-.000155	15.73328	.0000772	.0082603	.0057404	4.558558
#3	.0002373	-.000159	15.74061	.0002611	.0085095	.0048846	4.547478
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202330	.4272791	.0044275	.0003301	326.9338	.0003250	.1186205
Stddev	.007889	.0068705	.0004766	.0001968	3.2161	.0010403	.0004252
%RSD	.3581936	1.607977	10.76365	59.62080	.9837016	320.0721	.3584407
#1	2.205557	.4237125	.0048356	.0005532	324.1634	-.000795	.1181316
#2	2.193340	.4229253	.0045430	.0001811	330.4607	.000509	.1189037
#3	2.208094	.4351995	.0039038	.0002559	326.1773	.001261	.1188263
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.509211	.0480894	.0001945	-.004993	.0005314	.6447948	.0059164
Stddev	.015076	.0005927	.0001831	.001085	.0002637	.0120412	.0028868
%RSD	.9989030	1.232499	94.15285	21.73349	49.62184	1.867445	48.79382
#1	1.494517	.0476765	.0003420	-.003805	.0008347	.6524730	.0081420
#2	1.524641	.0478232	-.000010	-.005932	.0004030	.6509944	.0069527
#3	1.508476	.0487686	.000252	-.005243	.0003565	.6309171	.0026545

Sample Name: Q1662-08DUP Acquired: 3/28/2025 11:05:10 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.7293995	-.004913	.1496403
Stddev	.0035130	.001496	.0004600
%RSD	.4816270	30.44711	.3073907

#1	.7303175	-.004136	.1501617
#2	.7255187	-.003965	.1494672
#3	.7323624	-.006637	.1492920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.387	63425.28	13708.74	1891.891	4255.117
Stddev	10.928	185.24	20.82	12.750	14.568
%RSD	.3753566	.2920560	.1518729	.6739540	.3423741

#1	2919.277	63577.13	13692.62	1901.235	4268.146
#2	2915.970	63218.90	13732.25	1877.365	4257.817
#3	2898.913	63479.81	13701.35	1897.072	4239.387

Sample Name: Q1662-08LX5 Acquired: 3/28/2025 11:09:35 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	-.000904	-.000419	.0016168	-.000382	-.001040	.0155800	.0756295
Stddev	.002460	.000928	.0018100	.001419	.000751	.0044480	.0008568
%RSD	272.1406	221.7244	111.9473	371.4197	72.18153	28.54963	1.132895

#1	-.002937	-.001015	.0007960	-.001667	-.001894	.0122171	.0765945
#2	-.001606	.000651	.0036917	.001140	-.000483	.0206234	.0753358
#3	.001831	-.000891	.0003626	-.000619	-.000744	.0138994	.0749581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001600	-.000006	3.249002	-.000030	.0018520	.0008025	.8797233
Stddev	.0000423	.000071	.007073	.000350	.0002514	.0004137	.0102138
%RSD	26.43133	1101.081	.2176853	1168.138	13.57635	51.55167	1.161018

#1	.0001973	-.000021	3.248718	-.000095	.0016791	.0010416	.8680184
#2	.0001687	-.000069	3.256212	-.000343	.0017365	.0003248	.8843239
#3	.0001140	.000071	3.242075	.000348	.0021404	.0010413	.8868275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4513371	.0881555	.0008746	.0004371	64.39419	.0002792	.0228797
Stddev	.0012958	.0146682	.0000320	.0001838	.85101	.0007488	.0001543
%RSD	.2871120	16.63899	3.662391	42.04260	1.321565	268.1869	.6742328

#1	.4524303	.0847761	.0008615	.0002529	63.56788	-.000333	.0228311
#2	.4516754	.0754720	.0009112	.0006204	64.34676	.000057	.0227555
#3	.4499057	.1042185	.0008513	.0004379	65.26792	.001114	.0230524

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4706661	.0074075	-.000349	-.000224	.0012595	.1308464	-.002897
Stddev	.0435206	.0003441	.000203	.000989	.0006998	.0059582	.000886
%RSD	9.246598	4.644860	58.17142	442.2935	55.55970	4.553572	30.60346

#1	.4224105	.0076783	-.000415	-.000472	.0017619	.1247463	-.001930
#2	.4826451	.0075238	-.000512	.000866	.0004602	.1311411	-.003087
#3	.5069426	.0070203	-.000121	-.001064	.0015565	.1366518	-.003672

Sample Name: Q1662-08LX5 Acquired: 3/28/2025 11:09:35 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.1504434	.0095227	.0304028
Stddev	.0008624	.0006506	.0000563
%RSD	.5732677	6.831691	.1852716
#1	.1494674	.0102735	.0303761
#2	.1511029	.0091278	.0303647
#3	.1507598	.0091667	.0304675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.273	65854.08	13596.59	1936.561	4510.195
Stddev	6.535	493.28	86.04	13.981	1.332
%RSD	.2191362	.7490563	.6327895	.7219315	.0295333
#1	2989.515	66404.68	13534.01	1950.605	4510.995
#2	2980.490	65705.12	13561.04	1936.434	4508.658
#3	2976.814	65452.45	13694.70	1922.645	4510.933

Sample Name: Q1662-08MS Acquired: 3/28/2025 11:13:53 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.7607574	1.778088	.8890249	1.901758	.7910141	1.893864	.6271568
Stddev	.0021165	.003219	.0018529	.009316	.0047113	.012536	.0034740
%RSD	.2782131	.1810330	.2084219	.4898700	.5956075	.6619306	.5539281
#1	.7596725	1.780732	.8874764	1.895261	.7916150	1.879390	.6233443
#2	.7594032	1.774504	.8910778	1.897582	.7860311	1.901296	.6301435
#3	.7631964	1.779029	.8885204	1.912432	.7953961	1.900906	.6279828
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1693101	.1840795	18.57292	.3929453	.1953192	.2800619	7.793713
Stddev	.0015323	.0004011	.05703	.0010032	.0003123	.0007055	.095757
%RSD	.9050472	.2178785	.3070535	.2552968	.1599044	.2518978	1.228649
#1	.1697863	.1837625	18.51386	.3940419	.1951393	.2797406	7.723050
#2	.1675962	.1839456	18.57722	.3927201	.1956799	.2795743	7.902696
#3	.1705478	.1845304	18.62767	.3920738	.1951385	.2808708	7.755393
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473505	2.214051	.4697752	.0710020	367.8608	.2704850	.3256420
Stddev	.003231	.001705	.0014572	.0004982	3.4532	.0018987	.0032494
%RSD	.1306194	.0769941	.3101932	.7017443	.9387279	.7019599	.9978579
#1	2.470764	2.212083	.4689129	.0706303	368.9347	.2726012	.3235940
#2	2.472685	2.215068	.4689549	.0715682	370.6494	.2699231	.3293887
#3	2.477068	2.215001	.4714576	.0708076	363.9982	.2689306	.3239433
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.22660	.2885326	.4062228	.6575040	.1776153	1.513037	5.786421
Stddev	.14427	.0029191	.0010023	.0023630	.0014455	.014875	.018044
%RSD	1.285114	1.011716	.2467447	.3593923	.8138391	.9831296	.3118376
#1	11.12076	.2884516	.4057858	.6556861	.1763046	1.505062	5.774019
#2	11.39093	.2856547	.4055132	.6566507	.1773757	1.530199	5.778123
#3	11.16810	.2914913	.4073695	.6601751	.1791657	1.503851	5.807122

Sample Name: Q1662-08MS Acquired: 3/28/2025 11:13:53 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.4436877	.1738733	.3403455
Stddev	.0038919	.0006496	.0015362
%RSD	.8771664	.3736300	.4513697

#1	.4393097	.1734852	.3387728
#2	.4449987	.1746232	.3418424
#3	.4467549	.1735114	.3404214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.461	63418.40	13603.18	1838.231	4190.841
Stddev	11.907	201.02	93.85	13.868	12.630
%RSD	.4142384	.3169715	.6899069	.7544351	.3013789

#1	2876.746	63420.17	13542.37	1835.243	4193.400
#2	2885.060	63216.49	13711.27	1826.101	4201.996
#3	2861.577	63618.52	13555.91	1853.350	4177.127

Sample Name: Q1662-08MSD Acquired: 3/28/2025 11:18:04 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.7564802	1.755630	.8888848	1.878875	.7797731	1.901442	.6183208
Stddev	.0019937	.008943	.0028878	.003638	.0053310	.007128	.0006429
%RSD	.2635483	.5094084	.3248810	.1936438	.6836621	.3748819	.1039810

#1	.7583863	1.750702	.8855860	1.883010	.7859164	1.898339	.6189906
#2	.7566451	1.765953	.8909560	1.877447	.7770400	1.909596	.6182633
#3	.7544092	1.750234	.8901125	1.876166	.7763628	1.896391	.6177086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1782998	.1834383	18.66247	.3895421	.1942627	.2785787	7.702856
Stddev	.0004235	.0002867	.05743	.0031621	.0002142	.0000860	.029373
%RSD	.2375305	.1562814	.3077460	.8117391	.1102459	.0308808	.3813199

#1	.1786427	.1831454	18.72301	.3918200	.1940363	.2785018	7.727865
#2	.1778264	.1834512	18.60875	.3859319	.1942896	.2786716	7.670511
#3	.1784303	.1837184	18.65565	.3908744	.1944621	.2785628	7.710192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.512501	2.245505	.4674625	.0717605	361.8387	.2703388	.3282640
Stddev	.008200	.017844	.0003115	.0002088	5.0610	.0021966	.0017417
%RSD	.3263588	.7946704	.0666373	.2909451	1.398687	.8125396	.5305795

#1	2.520381	2.225020	.4674728	.0718395	358.7193	.2728028	.3299811
#2	2.504015	2.257668	.4671460	.0715238	359.1187	.2696279	.3264987
#3	2.513108	2.253826	.4677688	.0719183	367.6781	.2685856	.3283124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97771	.3034211	.4017175	.6563423	.1781057	1.482287	5.784241
Stddev	.02751	.0005066	.0008522	.0016811	.0002802	.012752	.022491
%RSD	.2505654	.1669757	.2121331	.2561371	.1573373	.8602711	.3888300

#1	10.98827	.3037349	.4020966	.6548124	.1779788	1.494752	5.760834
#2	10.94649	.3028366	.4023143	.6581420	.1779114	1.469267	5.805687
#3	10.99838	.3036917	.4007416	.6560725	.1784269	1.482840	5.786203

Sample Name: Q1662-08MSD Acquired: 3/28/2025 11:18:04 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	.4447986	.1751481	.3389679
Stddev	.0042172	.0009171	.0009524
%RSD	.9481130	.5235981	.2809794
#1	.4409808	.1755744	.3400346
#2	.4493254	.1757745	.3386666
#3	.4440896	.1740955	.3382026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.905	62694.17	13026.69	1852.675	4186.645
Stddev	1.420	311.53	49.10	16.662	3.910
%RSD	.0492508	.4969118	.3768990	.8993548	.0933917
#1	2882.286	62543.37	12993.36	1852.497	4191.160
#2	2884.486	63052.41	13083.07	1869.426	4184.381
#3	2884.943	62486.72	13003.63	1836.103	4184.394

Sample Name: CCV03 Acquired: 3/28/2025 11:22:15 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	4.738542	4.771520	4.711109	4.718636	4.763358	9.516674
Stddev	.015286	.020130	.011555	.012930	.011665	.009319
%RSD	.3225986	.4218736	.2452683	.2740244	.2448893	.0979180

#1	4.746785	4.781969	4.699109	4.724669	4.764408	9.520275
#2	4.720904	4.784276	4.712059	4.703791	4.751203	9.523655
#3	4.747939	4.748314	4.722160	4.727446	4.774462	9.506093

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.294548	.2352005	2.351746	22.98021	.9845789	2.335922
Stddev	.062500	.0014162	.006388	.08341	.0023305	.005904
%RSD	.6724353	.6021166	.2716426	.3629822	.2367021	.2527597

#1	9.222924	.2345744	2.345433	22.99807	.9822417	2.330316
#2	9.338023	.2368218	2.351599	23.05324	.9845923	2.335366
#3	9.322698	.2342052	2.358207	22.88931	.9869027	2.342085

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191530	4.571921	2.552338	23.57429	2.344732	1.195980
Stddev	.002180	.016411	.005444	.08996	.005758	.004008
%RSD	.1829249	.3589425	.2132770	.3816220	.2455915	.3351081

#1	1.190405	4.571892	2.554800	23.67648	2.341630	1.191509
#2	1.190142	4.555524	2.556115	23.53937	2.341188	1.197182
#3	1.194042	4.588345	2.546098	23.50702	2.351376	1.199250

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.95498	2.330945	2.419358	23.12039	4.585472	4.837828
Stddev	.13734	.006957	.013017	.18522	.027707	.007178
%RSD	.5733192	.2984511	.5380291	.8011324	.6042353	.1483809

#1	24.04326	2.335634	2.405039	23.14397	4.562786	4.838018
#2	23.79675	2.334249	2.422560	22.92451	4.616352	4.830557
#3	24.02493	2.322952	2.430475	23.29270	4.577279	4.844910

Sample Name: CCV03 Acquired: 3/28/2025 11:22:15 Type: Unk
Method: NON EPA-6010-200.7(v2854) 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	4.729859	4.557812	4.710358	4.777494	4.549189	F 4.447811
Stddev	.005417	.008548	.014793	.021505	.002187	.007301
%RSD	.1145235	.1875451	.3140493	.4501339	.0480846	.1641521
#1	4.723720	4.565167	4.708768	4.755452	4.549300	4.454467
#2	4.733965	4.559834	4.696425	4.778611	4.551320	4.448963
#3	4.731894	4.548434	4.725882	4.798419	4.546949	4.440002

Elem	Sr4077
Units	ppm
Avg	4.536966
Stddev	.089047
%RSD	1.962695
#1	4.490648
#2	4.639625
#3	4.480624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3007.350	65063.02	12957.26	1928.913	4411.722
Stddev	4.291	247.84	35.21	9.811	1.600
%RSD	.1426739	.3809153	.2717533	.5086428	.0362569
#1	3002.762	64928.42	12955.66	1935.002	4413.383
#2	3011.263	65349.04	12922.88	1934.143	4411.590
#3	3008.026	64911.62	12993.24	1917.595	4410.192

Sample Name: CCB03 Acquired: 3/28/2025 11:26:21 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0012702	.0007891	-.000231	-.001493	.0006234	.0043781	-.004267
Stddev	.0012463	.0012604	.001908	.000796	.0024141	.0001025	.000297
%RSD	98.11192	159.7191	824.1254	53.30779	387.2627	2.342071	6.955687

#1	.0015791	-.000167	-.001176	-.001108	-.002152	.0042724	-.003956
#2	.0023330	.002217	-.001483	-.002408	.001789	.0044772	-.004547
#3	-.000101	.000317	.001964	-.000963	.002234	.0043846	-.004298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000784	-.000002	-.007719	.0000755	.0001743	-.000223	-.012897
Stddev	.0000433	.000038	.009199	.0002299	.0001134	.000106	.002517
%RSD	55.26331	2266.662	119.1843	304.5354	65.06657	47.80326	19.51576

#1	.0001282	-.000018	-.018290	.0003376	.0002721	-.000101	-.012734
#2	.0000575	-.000029	-.001532	-.000092	.0002008	-.000266	-.010466
#3	.0000495	.000041	-.003334	-.000019	.0000500	-.000300	-.015492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001704	.0072904	-.000045	.0002809	.1780518	.0001976	-.001603
Stddev	.0003904	.0075682	.000124	.0002588	.0099099	.0004578	.000178
%RSD	229.1180	103.8106	273.5782	92.14018	5.565749	231.6748	11.08396

#1	.0006201	.0153722	-.000163	.0000324	.1688945	-.000317	-.001543
#2	-.000026	.0003700	.000083	.0005488	.1766880	.000560	-.001462
#3	-.000083	.0061291	-.000056	.0002614	.1885731	.000349	-.001802

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1853143	.0036069	.0001642	.0018092	.0007716	-.003082	-.005977
Stddev	.0213252	.0005436	.0001162	.0005032	.0004643	.004219	.000826
%RSD	11.50759	15.07005	70.76229	27.81525	60.17607	136.8867	13.81816

#1	.1656255	.0037813	.0000406	.0013174	.0010486	.001778	-.006897
#2	.2079660	.0040420	.0001807	.0017871	.0010307	-.005802	-.005734
#3	.1823513	.0029976	.0002712	.0023231	.0002356	-.005222	-.005300

Sample Name: CCB03 Acquired: 3/28/2025 11:26:21 Type: Unk
 Method: NON EPA-6010-200.7(v2855) 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	-.002534	.0040836	-.000042
Stddev	.001279	.0008619	.000050
%RSD	50.44963	21.10608	119.3489
#1	-.003931	.0050156	-.000007
#2	-.001421	.0039198	-.000099
#3	-.002252	.0033153	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.904	68992.91	13199.24	2023.795	4891.474
Stddev	4.761	198.61	54.43	2.651	9.096
%RSD	.1533946	.2878682	.4123399	.1309819	.1859489
#1	3107.628	69219.25	13158.81	2026.804	4892.304
#2	3105.545	68847.75	13177.79	2022.778	4900.126
#3	3098.540	68911.73	13261.13	2021.803	4881.992

Sample Name: Q1662-08A Acquired: 3/28/2025 11:30:42 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.7500512	1.765794	.8867018	1.849109	.7738290	1.867075	.6293590
Stddev	.0041907	.033470	.0044142	.013260	.0045170	.013191	.0018682
%RSD	.5587250	1.895453	.4978194	.7170845	.5837276	.7065293	.2968406

#1	.7512165	1.743774	.8841328	1.835101	.7691810	1.856551	.6300000
#2	.7454012	1.749299	.8841737	1.850759	.7741033	1.881873	.6308223
#3	.7535360	1.804310	.8917987	1.861466	.7782026	1.862799	.6272547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1732604	.1831618	18.62705	.3945863	.1940355	.2778318	7.874862
Stddev	.0007208	.0005884	.01340	.0004249	.0004534	.0014025	.037377
%RSD	.4160220	.3212472	.0719350	.1076774	.2336715	.5048116	.4746347

#1	.1728778	.1827436	18.62770	.3940969	.1939694	.2762845	7.889157
#2	.1728116	.1829072	18.61334	.3948609	.1936187	.2781915	7.902982
#3	.1740918	.1838346	18.64011	.3948010	.1945183	.2790195	7.832448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.499538	2.218297	.4668732	.0717512	365.2976	.2689743	.3284186
Stddev	.004749	.006668	.0020462	.0002992	.9412	.0028049	.0009725
%RSD	.1900130	.3005880	.4382743	.4170194	.2576587	1.042812	.2961298

#1	2.495257	2.224056	.4656485	.0714058	365.4484	.2660249	.3284673
#2	2.504647	2.219844	.4657356	.0719325	364.2901	.2692901	.3274226
#3	2.498711	2.210992	.4692354	.0719152	366.1543	.2716079	.3293659

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23114	.2956762	.4003444	.6550252	.1769329	1.524392	5.801292
Stddev	.06796	.0004776	.0014900	.0037374	.0008399	.006736	.029732
%RSD	.6050748	.1615228	.3721758	.5705742	.4747002	.4419118	.5125023

#1	11.30389	.2951544	.3988965	.6535336	.1778471	1.528987	5.784491
#2	11.22024	.2957824	.4002636	.6522640	.1761954	1.527530	5.783764
#3	11.16929	.2960917	.4018732	.6592781	.1767562	1.516659	5.835621

Sample Name: Q1662-08A Acquired: 3/28/2025 11:30:42 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.4414239	.1724300	.3377645
Stddev	.0056912	.0004565	.0006598
%RSD	1.289289	.2647372	.1953340
#1	.4355479	.1723064	.3372821
#2	.4418137	.1729355	.3385164
#3	.4469103	.1720480	.3374951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2878.372	61631.98	13264.96	1825.928	4179.332
Stddev	9.747	71.79	74.21	1.831	11.907
%RSD	.3386406	.1164830	.5594100	.1002848	.2848929
#1	2889.204	61713.83	13341.75	1827.892	4191.190
#2	2875.604	61602.42	13259.49	1825.624	4179.427
#3	2870.307	61579.68	13193.64	1824.268	4167.378

Sample Name: PB167357BL Acquired: 3/28/2025 11:34:52 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0018119	.0008791	-.001188	-.001929	.0005082	-.003903	-.005553
Stddev	.0015163	.0012929	.000547	.002509	.0016639	.003006	.000366
%RSD	83.68484	147.0710	46.03700	130.0949	327.3904	77.01586	6.592292

#1	.0027850	.0001475	-.000810	-.000432	.0004267	-.007298	-.005895
#2	.0025857	.0001179	-.000939	-.000529	.0022114	-.001580	-.005167
#3	.0000648	.0023719	-.001816	-.004825	-.001113	-.002832	-.005598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001460	.0000027	-.009634	-.000052	-.000143	-.000378	-.009817
Stddev	.0000098	.0000430	.004500	.000306	.000112	.000346	.006500
%RSD	6.717905	1615.167	46.71500	589.6904	78.04982	91.65528	66.21004

#1	.0001355	-.000046	-.010404	-.000063	-.000060	-.000136	-.016790
#2	.0001549	.000036	-.004798	.000260	-.000270	-.000774	-.003926
#3	.0001475	.000018	-.013699	-.000352	-.000099	-.000223	-.008735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000109	.0051965	-.000033	.0003053	.1871541	-.000564	-.001255
Stddev	.000236	.0082857	.000147	.0002089	.0165202	.001160	.000162
%RSD	215.8898	159.4467	449.0075	68.42468	8.827048	205.5221	12.92906

#1	-.000178	.0094688	-.000141	.0005241	.1767542	.000400	-.001070
#2	-.000303	.0104741	-.000092	.0002838	.2062032	-.000242	-.001325
#3	.000154	-.004353	.000135	.0001080	.1785049	-.001852	-.001371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1367170	-.001052	-.000256	.0024615	.0006921	-.004700	-.004076
Stddev	.0155755	.000278	.000246	.0002783	.0004458	.003195	.000731
%RSD	11.39251	26.43733	96.37436	11.30739	64.40829	67.97824	17.92660

#1	.1327961	-.000768	-.000230	.0024273	.0002027	-.006462	-.003699
#2	.1234766	-.001063	-.000023	.0027553	.0007988	-.001012	-.004919
#3	.1538784	-.001324	-.000514	.0022018	.0010748	-.006627	-.003612

Sample Name: PB167357BL Acquired: 3/28/2025 11:34:52 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0035814	.0038386	-.000179
Stddev	.0005377	.0013018	.000079
%RSD	15.01367	33.91164	44.37564

#1	.0038366	.0023355	-.000176
#2	.0039439	.0045885	-.000100
#3	.0029636	.0045919	-.000259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3054.742	65712.88	13306.41	1934.921	4834.240
Stddev	4.211	123.88	40.95	6.528	3.912
%RSD	.1378673	.1885204	.3077484	.3373551	.0809134

#1	3050.974	65578.50	13333.01	1928.511	4830.152
#2	3053.962	65822.54	13326.96	1941.560	4837.948
#3	3059.288	65737.58	13259.25	1934.692	4834.621

Sample Name: PB167357BS Acquired: 3/28/2025 11:39:12 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.7354493	1.886403	.8971979	1.857200	.7648650	1.858583
Stddev	.0028483	.023995	.0012208	.006757	.0041706	.009613
%RSD	.3872874	1.271980	.1360658	.3638249	.5452712	.5172223

#1	.7347053	1.862749	.8973288	1.855341	.7627494	1.848201
#2	.7330469	1.885737	.8959169	1.851568	.7621763	1.860372
#3	.7385958	1.910724	.8983480	1.864692	.7696694	1.867176

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1698904	.1841786	.1806333	.9045540	.3929386	.1823888
Stddev	.0005242	.0016324	.0004077	.0029393	.0012081	.0004549
%RSD	.3085202	.8863113	.2256917	.3249402	.3074548	.2494125

#1	.1693409	.1838484	.1802990	.9031990	.3923154	.1821058
#2	.1699455	.1827366	.1805134	.9025366	.3943310	.1821471
#3	.1703848	.1859509	.1810875	.9079263	.3921693	.1829136

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2928314	2.707373	.2009585	1.830058	.4613549	.0723325
Stddev	.0007623	.018472	.0018904	.017337	.0011245	.0004698
%RSD	.2603154	.6822886	.9407088	.9473366	.2437451	.6495184

#1	.2926051	2.702757	.1987857	1.849023	.4609503	.0726329
#2	.2922078	2.727715	.2022265	1.815025	.4604887	.0717910
#3	.2936812	2.691647	.2018634	1.826126	.4626258	.0725734

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.900000	.2708854	.1938763	8.936374	.2694614	.3878383
Stddev	.026924	.0019040	.0005363	.138564	.0024908	.0020319
%RSD	.9284157	.7028652	.2766292	1.550559	.9243559	.5239089

#1	2.883785	.2687361	.1935225	8.865707	.2699233	.3872588
#2	2.931080	.2715594	.1944933	9.096024	.2667719	.3861591
#3	2.885137	.2723606	.1936129	8.847392	.2716888	.3900970

Sample Name: PB167357BS Acquired: 3/28/2025 11:39:12 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.6467703	.1764062	F .7328202	5.396576	F -.009301	.1806071
Stddev	.0033046	.0009498	.0146894	.025292	.002358	.0016918
%RSD	.5109386	.5384411	2.004496	.4686661	25.35394	.9367533
#1	.6433249	.1764169	.7273736	5.373208	-.006677	.1791735
#2	.6470727	.1754511	.7494549	5.393090	-.011243	.1824732
#3	.6499133	.1773507	.7216320	5.423430	-.009982	.1801747

Elem	Sr4077
Units	ppm
Avg	.1705621
Stddev	.0004535
%RSD	.2658699
#1	.1700386
#2	.1708334
#3	.1708143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.544	65964.46	13238.96	1973.797	4733.568
Stddev	8.362	268.54	79.15	12.979	9.652
%RSD	.2724175	.4070994	.5978550	.6575610	.2039098
#1	3065.422	66050.97	13260.36	1979.148	4732.961
#2	3079.167	65663.32	13305.22	1958.998	4743.509
#3	3064.043	66179.08	13151.32	1983.245	4724.233

Sample Name: Q1641-02 Acquired: 3/28/2025 11:43:15 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0022255	-.004151	.0241789	.0016950	.0033856	2.347897
Stddev	.0026926	.001234	.0006239	.0022701	.0010961	.007903
%RSD	120.9861	29.73180	2.580326	133.9359	32.37436	.3365946

#1	.0048292	-.002964	.0235330	-.000600	.0028228	2.338944
#2	-.000548	-.005427	.0247781	.003940	.0046488	2.353900
#3	.002395	-.004063	.0242255	.001745	.0026853	2.350849

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2655239	.0001723	-.000163	143.2609	.0043411	.0035413
Stddev	.0004191	.0000629	.000081	.3780	.0001676	.0003854
%RSD	.1578522	36.53143	49.45352	.2638540	3.860446	10.88177

#1	.2652344	.0002235	-.000090	142.8398	.0042147	.0039781
#2	.2653327	.0001914	-.000250	143.5708	.0042774	.0032495
#3	.2660045	.0001020	-.000149	143.3722	.0045312	.0033961

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187807	4.354812	.8423137	45.64368	.0149586	.0001029
Stddev	.0001185	.030714	.0030527	.17951	.0003695	.0001749
%RSD	.6307172	.7052950	.3624137	.3932876	2.470433	169.9231

#1	.0186529	4.380746	.8396638	45.43678	.0149264	.0002616
#2	.0188023	4.362797	.8456517	45.73632	.0146062	-.000085
#3	.0188869	4.320894	.8416256	45.75794	.0153431	.000132

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.81696	.0079752	.0633196	12.00046	.2325210	.0075044
Stddev	.88930	.0007687	.0004489	.09617	.0010256	.0000920
%RSD	.8909270	9.638698	.7090241	.8013445	.4410788	1.226147

#1	100.5590	.0072279	.0638358	12.09017	.2317332	.0074317
#2	100.0606	.0079340	.0631032	12.01228	.2321492	.0074737
#3	98.8312	.0087636	.0630199	11.89894	.2336806	.0076079

Sample Name: Q1641-02 Acquired: 3/28/2025 11:43:15 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	-.006181	.0890807	F 10.85904	.1534347	F 97.01453	-.018167
Stddev	.000694	.0006734	.06810	.0024882	.17143	.000965
%RSD	11.23618	.7559131	.6271381	1.621633	.1767032	5.310998
#1	-.005576	.0888236	10.92203	.1556434	97.20106	-.018601
#2	-.006939	.0898447	10.86830	.1507391	96.97867	-.018839
#3	-.006027	.0885737	10.78678	.1539215	96.86388	-.017061

Elem	Sr4077
Units	ppm
Avg	.6759721
Stddev	.0026122
%RSD	.3864294
#1	.6756791
#2	.6787184
#3	.6735188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2867.651	63718.78	13093.95	1876.806	4255.831
Stddev	4.871	177.84	104.96	16.507	3.348
%RSD	.1698537	.2791010	.8015912	.8795087	.0786717
#1	2873.248	63598.00	13183.13	1860.135	4252.341
#2	2864.367	63923.00	13120.44	1893.143	4259.016
#3	2865.340	63635.34	12978.29	1877.140	4256.137

Sample Name: Q1643-06 Acquired: 3/28/2025 11:47:27 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0003018	-.005523	.0014241	-.003052	.0081922	.1523160
Stddev	.0020745	.002023	.0006937	.002110	.0017092	.0087048
%RSD	687.4414	36.62031	48.70962	69.14138	20.86389	5.714952

#1	-.001856	-.007543	.0008508	-.003449	.0062296	.1437832
#2	.000479	-.003498	.0012263	-.004937	.0089930	.1519818
#3	.002282	-.005527	.0021952	-.000772	.0093539	.1611831

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7933654	-.000145	-.000060	363.5256	.0017034	.0004233
Stddev	.0021149	.000019	.000117	3.6305	.0004801	.0001180
%RSD	.2665763	13.38115	194.0756	.9987036	28.18623	27.88266

#1	.7917914	-.000167	-.000139	363.2675	.0013021	.0004817
#2	.7925354	-.000132	-.000115	360.0310	.0022353	.0002874
#3	.7957694	-.000135	.000074	367.2783	.0015727	.0005006

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004302	.6474760	7.268296	50.37872	.0043025	-.000514
Stddev	.0008208	.0071705	.029732	.20285	.0007355	.000195
%RSD	190.7966	1.107452	.4090600	.4026408	17.09526	37.88330

#1	.0006633	.6469930	7.242542	50.15743	.0035113	-.000531
#2	.0011092	.6548758	7.261513	50.42288	.0049654	-.000311
#3	-.000482	.6405592	7.300833	50.55585	.0044308	-.000699

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.0052769	.0087234	33.78766	.2206062	.0404648
Stddev	-----	.0011275	.0004065	.18203	.0006919	.0003385
%RSD	-----	21.36679	4.660416	.5387359	.3136113	.8364808

#1	^ -----	.0065336	.0082579	33.74625	.2209842	.0403551
#2	^ -----	.0043541	.0089032	33.62991	.2198077	.0401948
#3	^ -----	.0049429	.0090090	33.98682	.2210268	.0408445

Sample Name: Q1643-06 Acquired: 3/28/2025 11:47:27 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	-.008885	-.006027	7.524114	.0992809	F 11.03633	-.046919
Stddev	.001527	.001038	.005690	.0026966	.03835	.001277
%RSD	17.18626	17.22636	.0756180	2.716158	.3474939	2.721679
#1	-.008412	-.005634	7.522049	.1004242	11.00099	-.048306
#2	-.010592	-.005242	7.519746	.1012175	11.03090	-.045792
#3	-.007650	-.007204	7.530548	.0962009	11.07711	-.046660

Elem	Sr4077
Units	ppm
Avg	1.891542
Stddev	.013479
%RSD	.7125852
#1	1.887468
#2	1.906588
#3	1.880571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.152	50749.54	11876.80	1537.745	3104.323
Stddev	4.242	311.67	94.84	8.461	4.108
%RSD	.1801353	.6141427	.7985282	.5502140	.1323437
#1	2358.640	51017.24	11978.93	1536.131	3106.733
#2	2356.385	50823.99	11859.96	1546.896	3106.657
#3	2350.429	50407.38	11791.51	1530.206	3099.579

Sample Name: Q1644-03 Acquired: 3/28/2025 11:52:03 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0120130	-.006141	.0043080	.0047745	.0126287	.4745948
Stddev	.0033764	.002862	.0024528	.0008403	.0024776	.0068309
%RSD	28.10575	46.60666	56.93477	17.59944	19.61863	1.439322

#1	.0090419	-.009028	.0070750	.0045876	.0100381	.4809825
#2	.0113125	-.006089	.0024012	.0040435	.0149751	.4673935
#3	.0156847	-.003305	.0034478	.0056925	.0128729	.4754086

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038333	.0001309	-.000007	223.4932	.0052027	.0010988
Stddev	.0012598	.0000844	.000076	1.3682	.0003611	.0003471
%RSD	1.213269	64.44754	1125.359	.6121853	6.940660	31.58580

#1	.1032395	.0000675	-.000073	222.2439	.0049588	.0011610
#2	.1029801	.0000985	-.000023	223.2803	.0050319	.0007248
#3	.1052802	.0002266	.000076	224.9553	.0056175	.0014105

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142087	.6387836	.0793832	15.86315	.0122075	-.000093
Stddev	.0004750	.0044098	.0004752	.10563	.0003171	.000086
%RSD	3.342741	.6903412	.5986050	.6658594	2.597586	92.88232

#1	.0144240	.6437904	.0790927	15.76730	.0121038	-.000058
#2	.0136642	.6370831	.0791253	15.84575	.0119552	-.000029
#3	.0145379	.6354772	.0799316	15.97639	.0125634	-.000191

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1121.848	.0389111	.0114799	32.91745	.7911260	.1001756
Stddev	11.909	.0004581	.0003405	.17275	.0049909	.0006042
%RSD	1.061518	1.177277	2.966393	.5248098	.6308656	.6031396

#1	1111.570	.0384177	.0115514	33.06847	.7857599	.0999509
#2	1134.898	.0393230	.0111093	32.72907	.7919888	.0997159
#3	1119.074	.0389927	.0117790	32.95481	.7956293	.1008599

Sample Name: Q1644-03 Acquired: 3/28/2025 11:52:03 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	-.007578	.0049444	9.722092	.3079820	F 91.16514	-.034203
Stddev	.000657	.0006415	.015540	.0041579	1.22114	.001602
%RSD	8.668623	12.97419	.1598398	1.350056	1.339476	4.684302
#1	-.006873	.0043005	9.739453	.3074385	90.75013	-.033447
#2	-.007691	.0049493	9.717340	.3041226	90.20560	-.033118
#3	-.008172	.0055834	9.709483	.3123850	92.53969	-.036043

Elem	Sr4077
Units	ppm
Avg	1.764851
Stddev	.031213
%RSD	1.768594
#1	1.728850
#2	1.784324
#3	1.781380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.232	53153.00	11827.17	1617.810	3431.941
Stddev	28.527	150.75	105.11	2.574	48.193
%RSD	1.149231	.2836176	.8886872	.1591006	1.404239
#1	2515.077	53294.65	11933.12	1620.397	3485.913
#2	2467.964	53169.78	11825.48	1615.249	3416.692
#3	2463.654	52994.56	11722.93	1617.785	3393.217

Sample Name: Q1655-01 Acquired: 3/28/2025 11:56:34 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	-.001181	-.003296	.0019551	.0018701	.0021341	.0740644	.0156489
Stddev	.001420	.001362	.0008178	.0015925	.0003103	.0013803	.0013482
%RSD	120.1979	41.33042	41.82829	85.15979	14.53997	1.863663	8.615173

#1	-.001973	-.004793	.0017742	.0029296	.0024626	.0753840	.0170520
#2	-.002029	-.002968	.0028481	.0000387	.0020937	.0726304	.0143634
#3	.000458	-.002128	.0012429	.0026418	.0018460	.0741786	.0155313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001311	-.000821	46.85470	.0003364	.0001697	.0071645	12.85887
Stddev	.0000329	.000052	.21364	.0001371	.0001167	.0003557	.11598
%RSD	25.08143	6.390319	.4559731	40.75338	68.74310	4.965326	.9019805

#1	.0001551	-.000772	46.98857	.0003920	.0001438	.0072200	12.75641
#2	.0000936	-.000876	46.96722	.0004369	.0002971	.0074891	12.98479
#3	.0001445	-.000814	46.60831	.0001802	.0000682	.0067842	12.83541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778210	6.306016	.0058162	.0006720	509.0669	.0011240	.0412413
Stddev	.0017315	.071352	.0002735	.0000902	1.2042	.0010529	.0004423
%RSD	.9737514	1.131491	4.701990	13.42125	.2365507	93.67670	1.072520

#1	.1793249	6.386936	.0057644	.0006963	508.8609	.0014779	.0417018
#2	.1782101	6.278973	.0061119	.0007476	510.3609	.0019543	.0412023
#3	.1759280	6.252138	.0055723	.0005722	507.9791	-.000060	.0408198

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88494	.2646697	.0023706	-.000611	.0006819	3.098841	.5927271
Stddev	.13243	.0018537	.0003931	.000845	.0004500	.034890	.0029672
%RSD	1.027821	.7003665	16.58402	138.3020	65.99296	1.125906	.5005943

#1	12.74170	.2655467	.0021568	.000179	.0006475	3.072705	.5912403
#2	13.00294	.2659222	.0028243	-.001502	.0002501	3.138460	.5961437
#3	12.91018	.2625403	.0021307	-.000510	.0011482	3.085356	.5907973

Sample Name: Q1655-01 Acquired: 3/28/2025 11:56:34 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	2.881686	-.000768	.1316430
Stddev	.013309	.000977	.0005353
%RSD	.4618355	127.3058	.4066371
#1	2.877778	-.001762	.1316896
#2	2.870769	-.000734	.1321536
#3	2.896511	.000192	.1310860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.114	60972.14	13606.54	1788.064	4031.079
Stddev	6.170	211.40	83.47	11.013	4.939
%RSD	.2221631	.3467100	.6134468	.6159342	.1225348
#1	2780.117	61160.56	13519.49	1798.408	4036.124
#2	2781.206	60743.53	13614.24	1776.485	4030.860
#3	2770.017	61012.32	13685.90	1789.297	4026.253

Sample Name: Q1655-01DUP Acquired: 3/28/2025 12:00:58 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0002459	-.003563	.0015917	.0008465	.0012916	.0656107	.0160370
Stddev	.0011492	.001590	.0012553	.0017211	.0018469	.0051620	.0016039
%RSD	467.2529	44.62841	78.86947	203.3137	142.9913	7.867661	10.00145

#1	.0009377	-.005176	.0002613	.0012295	.0022161	.0603285	.0143701
#2	-.001081	-.003516	.0027553	.0023438	.0024937	.0658601	.0161714
#3	.000881	-.001997	.0017584	-.001034	-.000835	.0706436	.0175695

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001776	-.000830	46.91208	.0002533	.0001230	.0072254	12.69112
Stddev	.0000155	.000078	.11155	.0001881	.0001985	.0002811	.07394
%RSD	8.732342	9.443799	.2377804	74.25837	161.3492	3.890693	.5826134

#1	.0001747	-.000918	46.78485	.0001027	.0003487	.0070613	12.74663
#2	.0001638	-.000806	46.99305	.0004641	.0000446	.0070650	12.71954
#3	.0001944	-.000767	46.95836	.0001930	-.000024	.0075501	12.60718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1772752	6.340708	.0058361	.0003372	494.1031	.0017407	.0411403
Stddev	.0003611	.028542	.0002917	.0001976	3.5392	.0000581	.0005980
%RSD	.2037010	.4501464	4.997357	58.58888	.7162969	3.338354	1.453667

#1	.1776870	6.325987	.0055741	.0002562	497.8549	.0017781	.0415288
#2	.1770125	6.373605	.0061503	.0001930	493.6306	.0016738	.0404517
#3	.1771262	6.322530	.0057838	.0005624	490.8238	.0017703	.0414406

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59088	.2694167	.0020202	-.000005	.0009431	3.043796	.5943826
Stddev	.06568	.0015595	.0002577	.000508	.0006754	.015628	.0039678
%RSD	.5216144	.5788580	12.75384	10366.01	71.61104	.5134370	.6675531

#1	12.65465	.2676292	.0020164	.000514	.0004206	3.058658	.5924421
#2	12.59452	.2704997	.0017645	-.000028	.0007030	3.045229	.5917585
#3	12.52345	.2701211	.0022798	-.000501	.0017058	3.027500	.5989472

Sample Name: Q1655-01DUP Acquired: 3/28/2025 12:00:58 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	2.876500	.0005843	.1312982
Stddev	.002828	.0007083	.0002934
%RSD	.0982974	121.2368	.2234302

#1	2.879398	-.000100	.1314784
#2	2.873749	.000537	.1314564
#3	2.876353	.001315	.1309596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.680	60772.20	13291.06	1811.801	4013.564
Stddev	2.999	251.49	39.95	2.349	6.045
%RSD	.1074866	.4138277	.3005951	.1296243	.1506253

#1	2786.512	60581.85	13336.81	1810.123	4019.815
#2	2792.475	60677.44	13263.05	1810.795	4013.128
#3	2790.052	61057.30	13273.33	1814.485	4007.748

Sample Name: Q1655-01LX5 Acquired: 3/28/2025 12:05:23 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.0001097	.0006017	.0000634	-.000710	.0010634	.0124187	.0005669
Stddev	.0013140	.0010296	.0005548	.001397	.0029557	.0012073	.0011370
%RSD	1198.348	171.1253	874.9486	196.6529	277.9363	9.721216	200.5577
#1	.0015436	.0017426	-.000561	-.002297	.0021450	.0138088	.0011464
#2	-.001037	.0003209	.000252	-.000170	-.002281	.0116340	-.000743
#3	-.000178	-.000258	.000499	.000336	.003326	.0118132	.001297
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001931	-.000128	9.729484	-.000067	-.000112	.0013127	2.331665
Stddev	.0000344	.000063	.011344	.000317	.000128	.0002575	.002483
%RSD	17.84487	49.20951	.1165922	473.1935	114.1813	19.61644	.1065042
#1	.0002102	-.000192	9.742209	-.000109	-.000229	.0010874	2.328808
#2	.0001534	-.000066	9.720430	.000269	-.000130	.0012572	2.333308
#3	.0002156	-.000126	9.725813	-.000361	.000024	.0015934	2.332879
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362408	1.337704	.0013379	.0002763	88.47342	.0000567	.0066349
Stddev	.0001304	.008050	.0002017	.0001792	.28541	.0016656	.0002997
%RSD	.3598971	.6017590	15.07366	64.86701	.3225886	2938.946	4.517110
#1	.0360971	1.328953	.0015379	.0001846	88.17043	-.001396	.0065701
#2	.0362736	1.339365	.0011346	.0004829	88.73719	.001874	.0069616
#3	.0363517	1.344793	.0013411	.0001616	88.51264	-.000308	.0063728
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.513805	.0571236	.0001014	.0011951	.0012835	.5544005	.1123371
Stddev	.022330	.0004329	.0001675	.0002650	.0008597	.0103619	.0004105
%RSD	.8882927	.7578143	165.1554	22.17161	66.98497	1.869030	.3654494
#1	2.493170	.0568747	.0001537	.0013219	.0018017	.5504909	.1123762
#2	2.537512	.0568726	.0002366	.0008906	.0017576	.5465622	.1119085
#3	2.510733	.0576235	-.000086	.0013729	.0002911	.5661485	.1127268

Sample Name: Q1655-01LX5 Acquired: 3/28/2025 12:05:23 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.5513586	.0101891	.0263219
Stddev	.0049759	.0004331	.0000177
%RSD	.9024760	4.250806	.0671971

#1	.5510255	.0106128	.0263225
#2	.5564927	.0097471	.0263039
#3	.5465576	.0102075	.0263393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.244	64569.52	12706.72	1945.956	4363.630
Stddev	3.901	165.58	46.75	3.193	11.709
%RSD	.1320981	.2564402	.3679016	.1640698	.2683284

#1	2957.714	64734.99	12652.79	1946.029	4376.783
#2	2950.524	64403.83	12731.79	1942.727	4354.345
#3	2951.495	64569.73	12735.59	1949.111	4359.761

Sample Name: Q1655-01MS Acquired: 3/28/2025 12:09:40 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	.8207615	1.907295	.9580762	1.985421	.8268042	2.031141	.2050726
Stddev	.0038610	.010474	.0030834	.015765	.0060801	.009147	.0003674
%RSD	.4704174	.5491376	.3218300	.7940230	.7353672	.4503268	.1791345
#1	.8212588	1.919385	.9545948	1.974712	.8220399	2.038366	.2054966
#2	.8166760	1.900979	.9604629	1.978027	.8247205	2.034200	.2048489
#3	.8243498	1.901521	.9591708	2.003524	.8336521	2.020857	.2048723
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1887711	.1989454	47.00691	.4261294	.2014820	.3030164	15.12045
Stddev	.0016211	.0002498	.04184	.0004117	.0004670	.0019034	.17739
%RSD	.8587698	.1255642	.0890138	.0966105	.2317918	.6281601	1.173196
#1	.1896242	.1986809	47.00763	.4256778	.2011465	.3012347	14.96992
#2	.1897875	.1989779	47.04839	.4262267	.2012842	.3027926	15.07541
#3	.1869016	.1991773	46.96471	.4264837	.2020154	.3050218	15.31602
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3641273	8.168698	.5082499	.0786673	470.6152	.2937662	.2505848
Stddev	.0009293	.056995	.0014922	.0003066	3.0604	.0001341	.0007108
%RSD	.2552229	.6977225	.2936012	.3896769	.6502922	.0456425	.2836383
#1	.3648289	8.105395	.5080535	.0790200	467.5142	.2936518	.2511727
#2	.3644797	8.215935	.5068656	.0784648	473.6333	.2939138	.2507867
#3	.3630733	8.184765	.5098306	.0785171	470.6981	.2937330	.2497949
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.53719	.5205801	.4272004	.6951787	.1872458	3.747753	7.009509
Stddev	.22708	.0036650	.0024645	.0015366	.0005435	.051286	.010301
%RSD	1.007586	.7040125	.5768928	.2210410	.2902461	1.368447	.1469540
#1	22.33509	.5243023	.4251404	.6935036	.1871068	3.692003	7.015562
#2	22.49355	.5204629	.4265302	.6955099	.1867853	3.758331	6.997616
#3	22.78292	.5169752	.4299307	.6965228	.1878452	3.792925	7.015351

Sample Name: Q1655-01MS Acquired: 3/28/2025 12:09:40 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	2.744370	.1924021	.3109257
Stddev	.008744	.0007151	.0008778
%RSD	.3186144	.3716752	.2823212
#1	2.749466	.1930045	.3106563
#2	2.734273	.1916118	.3102142
#3	2.749370	.1925900	.3119067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.158	60174.59	12914.78	1790.831	3996.561
Stddev	15.112	310.70	87.86	7.831	11.487
%RSD	.5453155	.5163376	.6802695	.4372944	.2874328
#1	2781.430	60526.64	12880.58	1798.614	4000.584
#2	2778.239	59938.71	12849.16	1790.926	4005.497
#3	2753.807	60058.43	13014.59	1782.952	3983.604

Sample Name: CCV04 Acquired: 3/28/2025 12:13:50 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	4.876637	4.904830	4.840585	4.871910	4.886082	9.709597
Stddev	.000982	.039945	.004072	.003439	.003586	.013460
%RSD	.0201339	.8144092	.0841314	.0705975	.0734015	.1386212

#1	4.875622	4.866293	4.836505	4.874437	4.888400	9.717999
#2	4.876708	4.902148	4.844650	4.873299	4.887895	9.716719
#3	4.877582	4.946048	4.840600	4.867993	4.881951	9.694073

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.213189	2.414075	2.412165	23.22523	1.018469	2.386342
Stddev	.085714	.0008241	.001127	.06542	.002630	.002000
%RSD	.9303451	.3413929	.0467350	.2816760	.2582165	.0838161

#1	9.299640	2.417577	2.412219	23.25987	1.021385	2.384434
#2	9.211695	2.404661	2.411012	23.26604	1.017744	2.386169
#3	9.128231	2.419988	2.413265	23.14977	1.016277	2.388423

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217970	4.677346	2.547589	24.07536	2.405205	1.227588
Stddev	.000989	.040064	.007372	.08527	.001069	.001251
%RSD	.0812083	.8565622	.2893868	.3541609	.0444292	.1019192

#1	1.217345	4.690198	2.548917	24.12565	2.405254	1.228767
#2	1.217456	4.709408	2.554207	24.12351	2.404112	1.227723
#3	1.219111	4.632433	2.539643	23.97691	2.406248	1.226275

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.39065	2.346172	2.481097	23.46917	4.676164	4.933214
Stddev	.09938	.008626	.009867	.13636	.010796	.003984
%RSD	.4074485	.3676423	.3976957	.5810218	.2308820	.0807547

#1	24.41632	2.338729	2.492268	23.49126	4.668491	4.928641
#2	24.47468	2.355625	2.477452	23.59314	4.671492	4.935937
#3	24.28096	2.344163	2.473571	23.32312	4.688510	4.935062

Sample Name: CCV04 Acquired: 3/28/2025 12:13:50 Type: Unk
Method: NON EPA-6010-200.7(v2855) 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	4.861278	4.581692	4.863736	4.900139	4.690022	F 4.434965
Stddev	.008004	.019210	.007845	.021490	.012201	.018204
%RSD	.1646537	.4192818	.1612925	.4385640	.2601544	.4104687
#1	4.852359	4.588163	4.857461	4.875520	4.687276	4.434937
#2	4.863640	4.596831	4.861215	4.909755	4.679427	4.453183
#3	4.867836	4.560082	4.872531	4.915142	4.703362	4.416775

Elem	Sr4077
Units	ppm
Avg	4.547699
Stddev	.033201
%RSD	.7300638
#1	4.552833
#2	4.512229
#3	4.578033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.293	62203.13	12536.99	1846.613	4268.945
Stddev	4.104	189.49	34.52	13.743	2.337
%RSD	.1409297	.3046281	.2753541	.7442038	.0547466
#1	2909.878	62004.91	12500.31	1832.230	4270.201
#2	2909.969	62222.01	12568.84	1847.999	4266.249
#3	2917.032	62382.47	12541.83	1859.610	4270.387

Sample Name: CCB04 Acquired: 3/28/2025 12:18:36 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.0007969	.0006490	-.001027	.0018922	.0006773	-.004447	.0002195
Stddev	.0018713	.0008431	.000276	.0024917	.0023462	.001601	.0005897
%RSD	234.8282	129.8985	26.89935	131.6816	346.4056	35.99856	268.7012

#1	.0025846	.0004606	-.000896	.0036624	-.001680	-.005491	.0007407
#2	.0009539	.0015703	-.000841	-.000957	.003012	-.005245	.0003383
#3	-.001148	-.000084	-.001345	.002971	.000699	-.002604	-.000421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001290	.0000143	-.020946	-.000129	-.000036	-.000153	-.006755
Stddev	.0000434	.0000261	.002890	.000135	.000059	.000267	.000979
%RSD	33.63649	182.1548	13.79684	104.9255	165.1927	175.0444	14.49428

#1	.0001790	-.000000	-.023852	-.000064	-.000018	-.000442	-.005652
#2	.0001008	.000044	-.018072	-.000038	.000012	.000085	-.007521
#3	.0001073	-.000001	-.020915	-.000284	-.000101	-.000100	-.007092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000448	.0063350	-.000167	.0001045	.2833059	.0006462	-.001525
Stddev	.000313	.0099530	.000110	.0003108	.0226381	.0005550	.000138
%RSD	69.76350	157.1109	65.81161	297.4844	7.990695	85.88311	9.053021

#1	-.000727	.0153056	-.000080	-.000231	.2572806	.0000119	-.001600
#2	-.000508	-.004372	-.000291	.000162	.2941979	.0010422	-.001365
#3	-.000110	.008071	-.000130	.000383	.2984391	.0008846	-.001609

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3583111	.0016117	-.000204	.0020860	.0002460	.0034711	-.002568
Stddev	.0109249	.0004033	.000210	.0002643	.0006602	.0036743	.002229
%RSD	3.049006	25.02473	103.0513	12.66758	268.3742	105.8537	86.80418

#1	.3503049	.0012228	-.000112	.0022411	.0009908	-.000680	-.005141
#2	.3707569	.0020281	-.000055	.0017809	.0000142	.004787	-.001266
#3	.3538714	.0015842	-.000444	.0022361	-.000267	.006306	-.001295

Sample Name: CCB04 Acquired: 3/28/2025 12:18:36 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.0005839	.0045235	-.000190
Stddev	.0002474	.0010500	.000011
%RSD	42.37451	23.21148	5.602651
#1	.0006704	.0057329	-.000201
#2	.0007764	.0039926	-.000187
#3	.0003048	.0038450	-.000180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.949	65494.92	12931.96	1980.450	4870.581
Stddev	5.564	16.04	156.54	2.790	1.018
%RSD	.1801978	.0244915	1.210466	.1408598	.0209108
#1	3081.547	65496.01	13008.07	1981.158	4870.256
#2	3091.625	65510.39	12751.92	1977.375	4869.765
#3	3090.675	65478.37	13035.88	1982.818	4871.723

Sample Name: Q1655-01MSD Acquired: 3/28/2025 12:22:57 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.8077619	1.890485	.9626846	1.949485	.8127568	2.044268	.1994875
Stddev	.0002776	.021017	.0055993	.008368	.0039830	.004245	.0002390
%RSD	.0343655	1.111741	.5816362	.4292540	.4900564	.2076495	.1198225

#1	.8079871	1.882384	.9590231	1.950089	.8103595	2.046731	.1997580
#2	.8074518	1.874724	.9599004	1.940831	.8105565	2.046708	.1993048
#3	.8078468	1.914347	.9691303	1.957534	.8173546	2.039367	.1993997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2019831	.1996199	47.90719	.4208899	.2020307	.3034868	14.56586
Stddev	.0008232	.0013597	.11259	.0009991	.0012829	.0018250	.03203
%RSD	.4075642	.6811529	.2350084	.2373879	.6349997	.6013278	.2199152

#1	.2010655	.1989030	47.78938	.4197698	.2018543	.3027724	14.53043
#2	.2022268	.1987687	47.91848	.4216893	.2008452	.3021270	14.59277
#3	.2026569	.2011881	48.01370	.4212107	.2033927	.3055608	14.57439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3257296	8.363115	.5098264	.0776460	443.0090	.2970774	.2484092
Stddev	.0022098	.037225	.0032194	.0003250	5.3731	.0008786	.0017115
%RSD	.6784051	.4451122	.6314671	.4185872	1.212869	.2957456	.6889997

#1	.3240843	8.378860	.5072532	.0778440	437.4193	.2979080	.2503598
#2	.3248632	8.320605	.5087896	.0778231	443.4722	.2961576	.2477095
#3	.3282413	8.389881	.5134365	.0772709	448.1355	.2971666	.2471585

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.33173	.5551983	.4222248	.6980886	.1899234	3.557578	7.102779
Stddev	.00645	.0017496	.0015274	.0058843	.0014199	.011692	.042959
%RSD	.0302579	.3151293	.3617527	.8429120	.7475882	.3286619	.6048130

#1	21.32724	.5551001	.4208494	.6937919	.1893797	3.558255	7.087525
#2	21.33913	.5534999	.4219564	.6956785	.1888558	3.568917	7.069530
#3	21.32882	.5569949	.4238687	.7047953	.1915348	3.545562	7.151283

Sample Name: Q1655-01MSD Acquired: 3/28/2025 12:22:57 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	2.756840	.1968771	.3123930
Stddev	.015086	.0021493	.0011235
%RSD	.5472081	1.091685	.3596575
#1	2.755254	.1968426	.3114099
#2	2.742610	.1947453	.3121514
#3	2.772656	.1990434	.3136177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.988	60796.58	12106.21	1840.742	3970.567
Stddev	9.093	150.22	42.87	8.449	20.945
%RSD	.3272104	.2470912	.3541379	.4590008	.5274975
#1	2787.817	60944.80	12152.90	1835.010	3985.818
#2	2779.497	60644.43	12097.14	1836.772	3979.197
#3	2769.652	60800.52	12068.60	1850.445	3946.686

Sample Name: Q1655-01A Acquired: 3/28/2025 12:27:06 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.8147769	1.909205	.9606574	1.968490	.8209087	2.049732	.1944805
Stddev	.0074422	.016567	.0031164	.008180	.0055208	.016118	.0009148
%RSD	.9134083	.8677639	.3243994	.4155433	.6725210	.7863638	.4704014

#1	.8083640	1.906620	.9577357	1.964487	.8157528	2.060643	.1946311
#2	.8130293	1.894082	.9602991	1.963084	.8202400	2.031218	.1934998
#3	.8229374	1.926913	.9639374	1.977901	.8267334	2.057334	.1953108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2042663	.1998202	47.36602	.4219675	.2020679	.3037511	14.26519
Stddev	.0007273	.0003619	.23146	.0022004	.0006177	.0014596	.00844
%RSD	.3560719	.1810981	.4886651	.5214628	.3056821	.4805378	.0591780

#1	.2041875	.1994637	47.48208	.4236930	.2015319	.3025334	14.25673
#2	.2035816	.1998098	47.09950	.4227198	.2019284	.3033508	14.26521
#3	.2050298	.2001872	47.51650	.4194895	.2027434	.3053691	14.27362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3226835	8.345902	.5090370	.0780340	436.3045	.2961108	.2489910
Stddev	.0018223	.062311	.0017254	.0004058	2.7187	.0021354	.0013236
%RSD	.5647269	.7466034	.3389468	.5200471	.6231289	.7211491	.5315685

#1	.3223319	8.374249	.5084004	.0775668	434.1640	.2969140	.2495411
#2	.3210626	8.274457	.5077204	.0782361	435.3860	.2936902	.2499509
#3	.3246559	8.388999	.5109902	.0782991	439.3635	.2977281	.2474811

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.03725	.5603264	.4235028	.6992105	.1875751	3.519348	7.147693
Stddev	.06909	.0030412	.0033047	.0039958	.0011960	.005676	.017077
%RSD	.3283997	.5427620	.7803249	.5714673	.6375987	.1612800	.2389156

#1	20.96354	.5617669	.4208799	.6981962	.1888763	3.518000	7.145452
#2	21.04767	.5568326	.4224141	.6958197	.1865238	3.525576	7.131847
#3	21.10053	.5623798	.4272146	.7036157	.1873253	3.514467	7.165780

Sample Name: Q1655-01A Acquired: 3/28/2025 12:27:06 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	2.785129	.1965756	.3091078
Stddev	.017534	.0004965	.0014867
%RSD	.6295719	.2525864	.4809611
#1	2.778807	.1960208	.3093632
#2	2.771632	.1969783	.3075100
#3	2.804947	.1967277	.3104503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.059	60571.79	11948.05	1818.361	3964.301
Stddev	7.229	112.53	93.06	13.529	5.884
%RSD	.2609809	.1857795	.7788711	.7440176	.1484219
#1	2774.425	60466.88	11898.34	1820.154	3965.068
#2	2774.039	60690.64	12055.40	1830.904	3969.763
#3	2761.715	60557.84	11890.39	1804.025	3958.070

Sample Name: Q1643-06DLX10 Acquired: 3/28/2025 12:31:14 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	-.000272	-.001457	-.000555	.0032796	.0006292	.0052744	.0721668
Stddev	.003360	.001081	.000462	.0024816	.0006031	.0042280	.0004607
%RSD	1234.851	74.16425	83.14217	75.66669	95.85794	80.16207	.6383088

#1	.003003	-.000276	-.000671	.0004571	-.000033	.0006867	.0718703
#2	-.000108	-.002396	-.000948	.0042627	.001148	.0090144	.0726975
#3	-.003711	-.001699	-.000047	.0051190	.000772	.0061220	.0719325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001710	.0000265	36.57831	.0001110	-.000051	-.000219	.0581421
Stddev	.0000332	.0001112	.11253	.0003877	.000229	.000334	.0028833
%RSD	19.42601	420.0820	.3076279	349.2220	446.6606	152.3679	4.959046

#1	.0002093	-.000030	36.52537	-.000336	.000210	-.000313	.0601484
#2	.0001535	.000155	36.70754	.000322	-.000146	-.000496	.0594400
#3	.0001502	-.000045	36.50202	.000347	-.000217	.000152	.0548380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6446929	5.258850	.0004817	.0000089	301.2365	.0001355	-.000461
Stddev	.0028534	.014369	.0000175	.0003085	3.3400	.0011021	.000462
%RSD	.4425932	.2732392	3.633912	3480.184	1.108755	813.6812	100.2262

#1	.6443842	5.249917	.0004778	.0002827	301.5804	.0002286	-.000926
#2	.6476881	5.275425	.0005008	.0000693	304.3913	.0011880	-.000001
#3	.6420065	5.251206	.0004664	-.000325	297.7380	-.001010	-.000457

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.977314	.0229063	.0042042	-.000381	.0005084	.6640216	.0008701
Stddev	.033741	.0003146	.0003596	.000609	.0000749	.0080136	.0028423
%RSD	1.133281	1.373471	8.553478	160.0004	14.72348	1.206829	326.6586

#1	2.947090	.0232567	.0039531	.000217	.0004375	.6611784	.0026539
#2	2.971134	.0226480	.0040433	-.001001	.0005867	.6730692	.0023641
#3	3.013719	.0228144	.0046161	-.000359	.0005011	.6578173	-.002408

Sample Name: Q1643-06DLX10 Acquired: 3/28/2025 12:31:14 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.9723790	.0041886	.1823770
Stddev	.0026525	.0018979	.0012520
%RSD	.2727790	45.30938	.6865114
#1	.9745476	.0060313	.1827553
#2	.9694216	.0022400	.1833962
#3	.9731677	.0042947	.1809794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.554	59494.03	12542.18	1788.545	3993.468
Stddev	3.326	161.92	28.51	5.983	10.513
%RSD	.1186838	.2721599	.2273025	.3345363	.2632548
#1	2804.446	59455.40	12563.58	1789.906	4001.535
#2	2804.503	59354.93	12509.81	1781.998	3997.290
#3	2798.713	59671.77	12553.14	1793.730	3981.579

Sample Name: PB167355BL Acquired: 3/28/2025 12:35:41 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	-.000060	.0008332	-.000688	.0023287	.0010733	.0010658	-.001702
Stddev	.001434	.0011016	.000718	.0011477	.0007438	.0053527	.001136
%RSD	2403.871	132.2081	104.4519	49.28448	69.30110	502.2503	66.73585

#1	.000009	-.000191	-.000794	.0017701	.0011921	.0070968	-.002998
#2	-.001527	.001998	-.001347	.0036487	.0002772	-.000779	-.000882
#3	.001339	.000693	.000078	.0015672	.0017505	-.003121	-.001225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000885	-.000034	-.019009	-.000068	-.000074	-.000407	-.014008
Stddev	.0000419	.000039	.003251	.000141	.000017	.000126	.001070
%RSD	47.39720	116.0200	17.10216	207.6336	22.85529	30.88343	7.635228

#1	.0000803	-.000075	-.016965	-.000136	-.000071	-.000277	-.015069
#2	.0000512	-.000030	-.017304	.000094	-.000092	-.000527	-.014026
#3	.0001339	.000003	-.022758	-.000162	-.000058	-.000417	-.012930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000150	-.003963	-.000002	.0005254	.2692268	-.000174	-.001604
Stddev	.000209	.006752	.000051	.0002197	.0061705	.000359	.000391
%RSD	138.8555	170.3993	2615.214	41.82544	2.291929	206.9524	24.35738

#1	-.000391	.003238	-.000055	.0002834	.2657026	.000137	-.001448
#2	-.000030	-.004974	.000003	.0007125	.2656260	-.000091	-.002049
#3	-.000030	-.010153	.000046	.0005802	.2763517	-.000567	-.001315

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3709737	-.003370	-.000299	.0017473	.0007533	.0049408	-.004136
Stddev	.0504789	.000522	.000234	.0002640	.0005652	.0067593	.001703
%RSD	13.60714	15.48849	78.15529	15.10852	75.02919	136.8045	41.17786

#1	.3218005	-.003937	-.000525	.0014425	.0002680	.0099950	-.006088
#2	.3684565	-.003266	-.000315	.0018996	.0006181	-.002737	-.002953
#3	.4226641	-.002908	-.000058	.0019000	.0013739	.007564	-.003367

Sample Name: PB167355BL Acquired: 3/28/2025 12:35:41 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.0020218	.0015892	-.000175
Stddev	.0024080	.0011446	.000037
%RSD	119.1063	72.02210	21.10936

#1	.0047692	.0028834	-.000160
#2	.0010185	.0007101	-.000216
#3	.0002776	.0011741	-.000147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.091	66967.76	13587.58	1983.669	4829.835
Stddev	4.896	233.50	19.73	2.731	8.665
%RSD	.1596695	.3486773	.1451736	.1376874	.1793966

#1	3069.115	66700.96	13567.25	1981.360	4839.419
#2	3060.443	67067.42	13588.85	1986.684	4822.557
#3	3068.716	67134.90	13606.64	1982.962	4827.530

Sample Name: PB167355BS Acquired: 3/28/2025 12:40:01 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.7409514	1.883643	.9062884	1.881132	.7710135	1.810800
Stddev	.0028789	.019978	.0033310	.010719	.0031302	.008382
%RSD	.3885406	1.060588	.3675426	.5698385	.4059920	.4629098

#1	.7405014	1.896976	.9073788	1.886758	.7740064	1.813020
#2	.7383240	1.860673	.9025489	1.868771	.7677619	1.801531
#3	.7440288	1.893279	.9089376	1.887867	.7712722	1.817849

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667111	.1816871	.1823371	.8988782	.3898149	.1843969
Stddev	.0009358	.0003068	.0005515	.0122017	.0003467	.0003814
%RSD	.5613114	.1688855	.3024444	1.357432	.0889493	.2068114

#1	.1668648	.1813423	.1823233	.9128011	.3900047	.1840709
#2	.1657080	.1817893	.1817927	.8937859	.3900254	.1843036
#3	.1675605	.1819299	.1828954	.8900475	.3894147	.1848163

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2959703	2.739731	.1735224	1.806076	.4670644	.0721238
Stddev	.0011041	.011414	.0010086	.021254	.0009219	.0004661
%RSD	.3730264	.4166150	.5812266	1.176827	.1973883	.6463207

#1	.2961673	2.738199	.1729251	1.797050	.4662311	.0715972
#2	.2947810	2.751834	.1729553	1.790825	.4669073	.0722904
#3	.2969626	2.729160	.1746869	1.830354	.4680548	.0724837

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.982524	.2686614	.1970691	9.083231	.2655028	.3868346
Stddev	.007946	.0021049	.0003393	.024061	.0006403	.0018660
%RSD	.2664293	.7834901	.1721977	.2648991	.2411740	.4823853

#1	2.973353	.2686375	.1968095	9.073447	.2648319	.3876949
#2	2.986856	.2665686	.1974531	9.110643	.2655691	.3846936
#3	2.987362	.2707782	.1969447	9.065602	.2661074	.3881153

Sample Name: PB167355BS Acquired: 3/28/2025 12:40:01 Type: Unk
Method: NON EPA-6010-200.7(v2851) 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	.6509457	.1756360	F .7369018	5.538145	F -.006655	.1791528
Stddev	.0030660	.0001672	.0028125	.022356	.002995	.0018901
%RSD	.4710046	.0951790	.3816632	.4036771	45.00016	1.054998
#1	.6523197	.1756624	.7399782	5.538500	-.009878	.1769924
#2	.6474330	.1757885	.7362645	5.515614	-.003958	.1799650
#3	.6530843	.1754573	.7344626	5.560322	-.006130	.1805010

Elem	Sr4077
Units	ppm
Avg	.1706587
Stddev	.0004567
%RSD	.2675911
#1	.1710042
#2	.1701409
#3	.1708308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.133	66553.02	13482.85	2001.408	4645.911
Stddev	3.359	110.92	39.72	11.146	5.571
%RSD	.1105468	.1666706	.2945798	.5568948	.1199183
#1	3036.266	66472.31	13450.48	1988.538	4647.463
#2	3042.011	66507.24	13527.17	2007.839	4650.542
#3	3036.124	66679.51	13470.91	2007.847	4639.729

Sample Name: LR1 Acquired: 3/28/2025 12:50:56 Type: Unk
Method: NON EPA-6010-200.7(v2856) 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	.0551418	.0892847	.0817273	-.068854	-.002902	2087.043	.0181728
Stddev	.0073207	.0086853	.0070577	.010998	.002029	11.205	.0004756
%RSD	13.27619	9.727650	8.635704	15.97349	69.92128	.5368901	2.616913

#1	.0632809	.0915146	.0849407	-.074659	-.001422	2075.117	.0187105
#2	.0530492	.0797019	.0736347	-.056169	-.005215	2097.352	.0178076
#3	.0490952	.0966377	.0866066	-.075733	-.002069	2088.661	.0180002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071744	-.054706	1717.043	.0152701	.0231607	-.072150	1099.421
Stddev	.0002282	.000562	5.333	.0008589	.0003746	.001772	9.929
%RSD	3.181430	1.027222	.3106131	5.624659	1.617465	2.455628	.9030923

#1	.0069590	-.054382	1712.339	.0149120	.0235288	-.072288	1105.510
#2	.0071505	-.055355	1715.953	.0146481	.0227799	-.073849	1104.790
#3	.0074136	-.054382	1722.837	.0162501	.0231734	-.070314	1087.964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.106276	1654.026	.0233540	.0337334	2021.851	.0138760	.1467111
Stddev	.001151	7.846	.0010962	.0014008	34.210	.0017492	.0033940
%RSD	1.082599	.4743430	4.693835	4.152598	1.692035	12.60621	2.313369

#1	-.107384	1646.922	.0241119	.0338418	2022.619	.0134699	.1428714
#2	-.106357	1662.447	.0220970	.0350769	2055.671	.0157926	.1493102
#3	-.105087	1652.709	.0238530	.0322816	1987.263	.0123656	.1479516

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1246.592	2.346391	-.008055	-.006173	-.036400	.1592327	.0657581
Stddev	6.652	.030428	.000543	.001553	.000737	.0079568	.0072217
%RSD	.5335810	1.296785	6.743559	25.15461	2.024530	4.996987	10.98219

#1	1246.691	2.367717	-.008456	-.004380	-.036065	.1559046	.0699927
#2	1253.193	2.359908	-.008273	-.007101	-.035890	.1534802	.0698621
#3	1239.891	2.311546	-.007437	-.007037	-.037245	.1683132	.0574196

Sample Name: LR1 Acquired: 3/28/2025 12:50:56 Type: Unk
Method: NON EPA-6010-200.7(v2856) 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	-.262495	.1784364	-.956992
Stddev	.010508	.0054344	.008749
%RSD	4.003214	3.045588	.9141741
#1	-.250626	.1816066	-.962293
#2	-.266246	.1815412	-.961789
#3	-.270613	.1721614	-.946894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.212	46688.43	11641.51	1343.597	2666.379
Stddev	7.733	169.30	59.98	8.746	10.548
%RSD	.3653957	.3626190	.5152322	.6509158	.3955832
#1	2112.567	46799.33	11703.43	1345.485	2659.571
#2	2110.976	46493.56	11637.44	1334.062	2661.037
#3	2125.094	46772.40	11583.68	1351.245	2678.529

Sample Name: LR2 Acquired: 3/28/2025 12:55:54 Type: Unk
Method: NON EPA-6010-200.7(v2856) 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	.0111801	-.017471	249.5448	.0069286	-.002033	.2108279	97.85825
Stddev	.0042211	.002436	.9362	.0056241	.001050	.0080178	.42596
%RSD	37.75526	13.94065	.3751669	81.17186	51.63128	3.803009	.4352871

#1	.0160540	-.015086	249.2159	.0064943	-.001028	.2195294	98.24322
#2	.0087140	-.017374	248.8175	.0127571	-.001948	.2092155	97.40064
#3	.0087721	-.019954	250.6011	.0015342	-.003122	.2037389	97.93091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000928	-.002680	.0346975	.0112499	.0015059	243.7417	.1096337
Stddev	.000079	.000053	.0080562	.0003982	.0003674	.3565	.0072013
%RSD	8.486075	1.994080	23.21829	3.539464	24.39778	.1462739	6.568549

#1	-.000988	-.002710	.0289097	.0114292	.0018273	243.5203	.1158407
#2	-.000956	-.002618	.0312844	.0115269	.0011054	244.1530	.1113222
#3	-.000839	-.002711	.0438984	.0107936	.0015851	243.5518	.1017381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.13289	.0029279	54.49512	.0002675	.6372871	-.009945	33.00475
Stddev	.82156	.0145284	.20778	.0004525	.0183683	.001662	.05572
%RSD	1.706866	496.2083	.3812809	169.1605	2.882265	16.71295	.1688293

#1	47.39249	.0086272	54.47770	.0006891	.6521960	-.011805	33.05630
#2	47.98946	-.013586	54.29661	.0003240	.6428974	-.009426	33.01233
#3	49.01673	.013742	54.71107	-.000211	.6167679	-.008604	32.94563

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260850	-.004864	-.006860	-.005187	-.033533	-.004234	.0619593
Stddev	.0241876	.000641	.000286	.000472	.000497	.011374	.0041221
%RSD	4.597667	13.18352	4.173836	9.103984	1.483473	268.6518	6.652894

#1	.5522272	-.004127	-.006942	-.005630	-.033576	-.007732	.0578702
#2	.5045003	-.005164	-.007097	-.005242	-.034007	-.013448	.0618941
#3	.5215275	-.005299	-.006542	-.004690	-.033015	.008478	.0661135

Sample Name: LR2 Acquired: 3/28/2025 12:55:54 Type: Unk
Method: NON EPA-6010-200.7(v2856) 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	-.022927	.0006146	.0011565
Stddev	.003413	.0014013	.0000316
%RSD	14.88562	227.9957	2.728233

#1	-.026457	.0020922	.0011376
#2	-.022680	.0004469	.0011390
#3	-.019645	-.000695	.0011929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.707	61973.28	12509.52	1799.404	4370.144
Stddev	1.918	29.54	48.88	6.774	9.794
%RSD	.0724545	.0476643	.3907246	.3764648	.2241072

#1	2646.960	62005.96	12553.63	1803.701	4378.457
#2	2649.886	61948.49	12517.96	1791.595	4372.628
#3	2646.274	61965.39	12456.97	1802.915	4359.348

Sample Name: CCV05 Acquired: 3/28/2025 13:01:24 Type: Unk
Method: NON EPA-6010-200.7(v2857) 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	4.675985	4.791600	4.686102	4.650309	4.697709	9.389152
Stddev	.008203	.032807	.005628	.005568	.008112	.008171
%RSD	.1754357	.6846875	.1201025	.1197325	.1726844	.0870240

#1	4.671404	4.773344	4.680662	4.645581	4.694865	9.384298
#2	4.671095	4.771981	4.685744	4.656446	4.706861	9.398586
#3	4.685455	4.829475	4.691901	4.648901	4.691402	9.384573

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.413386	.2375665	2.341778	22.76004	.9842753	2.327553
Stddev	.035363	.0001862	.002753	.07073	.0004949	.003148
%RSD	.3756643	.0783556	.1175534	.3107824	.0502856	.1352415

#1	9.430337	.2375517	2.339426	22.67854	.9843700	2.325215
#2	9.372739	.2373882	2.341101	22.80537	.9847161	2.326313
#3	9.437082	.2377596	2.344806	22.79623	.9837399	2.331132

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185335	4.756391	2.523375	23.29225	2.331252	1.191301
Stddev	.001271	.030354	.011775	.03027	.002177	.001614
%RSD	.1072570	.6381630	.4666207	.1299558	.0933858	.1354442

#1	1.183898	4.721510	2.510160	23.26168	2.328851	1.190068
#2	1.185793	4.776806	2.532752	23.29286	2.331808	1.190708
#3	1.186314	4.770857	2.527212	23.32221	2.333098	1.193127

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.43162	2.293087	2.380016	22.80919	4.609445	4.804888
Stddev	.06533	.008660	.009744	.12858	.008581	.010082
%RSD	.2788281	.3776629	.4094140	.5637066	.1861569	.2098365

#1	23.38674	2.283291	2.375537	22.69108	4.618106	4.793535
#2	23.50658	2.299727	2.373317	22.94616	4.600947	4.808335
#3	23.40155	2.296242	2.391195	22.79035	4.609280	4.812795

Sample Name: CCV05 Acquired: 3/28/2025 13:01:24 Type: Unk
Method: NON EPA-6010-200.7(v2857) 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	4.719726	5.332023	4.618085	4.809614	4.539785	F 4.376347
Stddev	.013848	.013743	.010275	.015668	.017624	.014479
%RSD	.2934027	.2577504	.2224993	.3257596	.3882165	.3308393
#1	4.707648	5.316362	4.608476	4.791667	4.519836	4.361437
#2	4.716689	5.337629	4.628917	4.816609	4.546273	4.390352
#3	4.734840	5.342077	4.616863	4.820565	4.553245	4.377252

Elem	Sr4077
Units	ppm
Avg	F 4.496059
Stddev	.034535
%RSD	.7681169
#1	4.500974
#2	4.459329
#3	4.527873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.645	63716.64	12583.13	1910.081	4341.193
Stddev	4.280	180.50	43.29	10.529	3.395
%RSD	.1441211	.2832796	.3440452	.5512376	.0782116
#1	2973.709	63915.20	12609.64	1917.527	4344.663
#2	2965.178	63672.22	12606.59	1914.681	4341.038
#3	2970.048	63562.50	12533.17	1898.034	4337.877

Sample Name: CCB05 Acquired: 3/28/2025 13:05:33 Type: Unk
Method: NON EPA-6010-200.7(v2857) 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	.0010772	.0001366	-.001017	.0011046	.0020066	-.003910	-.003820
Stddev	.0019441	.0013825	.000600	.0014057	.0017224	.005875	.000208
%RSD	180.4747	1011.656	59.06308	127.2559	85.84030	150.2653	5.447481

#1	-.000058	.0017118	-.000762	.0010655	.0035553	-.010316	-.003640
#2	.003322	-.000426	-.000585	.0025295	.0023127	.001225	-.003772
#3	-.000032	-.000875	-.001702	-.000281	.0001516	-.002637	-.004048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001342	.0000334	-.008636	-.000027	-.000040	.0001958	-.008198
Stddev	.0000452	.0000635	.004447	.000392	.000086	.0001091	.003587
%RSD	33.67902	190.3541	51.48541	1471.891	216.5294	55.69679	43.75588

#1	.0001778	.0000450	-.009034	.000274	.000013	.0003046	-.010145
#2	.0001374	.0000903	-.012871	-.000470	.000007	.0001964	-.010391
#3	.0000876	-.000035	-.004004	.000115	-.000139	.0000865	-.004058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000770	.0029010	-.000146	.0001397	.4353501	.0010977	-.001577
Stddev	.0003202	.0052924	.000358	.0001575	.0033859	.0011726	.000198
%RSD	416.0838	182.4338	245.3434	112.7206	.7777520	106.8208	12.56314

#1	.0004467	-.002524	-.000036	.0003086	.4344017	.0021605	-.001699
#2	-.000111	.003177	-.000546	.0001137	.4325395	.0012929	-.001348
#3	-.000105	.008050	.000144	-.000003	.4391091	-.000160	-.001683

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3893055	.0006268	.0001218	.0022695	-.000049	-.004050	-.004596
Stddev	.0153611	.0002941	.0001373	.0009253	.000851	.007824	.000283
%RSD	3.945772	46.92729	112.6896	40.77214	1719.122	193.1808	6.162589

#1	.3860366	.0006093	.0001230	.0022000	.000336	-.010362	-.004536
#2	.4060379	.0009292	-.000016	.0032276	.000540	.004704	-.004348
#3	.3758420	.0003418	.000259	.0013809	-.001024	-.006493	-.004905

Sample Name: CCB05 Acquired: 3/28/2025 13:05:33 Type: Unk
 Method: NON EPA-6010-200.7(v2857) 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	.0017237	-.000215	-.000077
Stddev	.0013893	.001558	.000015
%RSD	80.59660	725.4800	19.00978
#1	.0026326	-.000368	-.000086
#2	.0024141	-.001691	-.000085
#3	.0001245	.001415	-.000060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.136	68752.49	12823.88	2045.622	4806.830
Stddev	3.643	55.40	20.47	3.116	9.825
%RSD	.1182758	.0805845	.1595933	.1523244	.2044049
#1	3080.097	68690.95	12801.26	2044.218	4802.025
#2	3083.798	68798.38	12829.27	2043.456	4818.134
#3	3076.512	68768.16	12841.11	2049.193	4800.333

LB135209

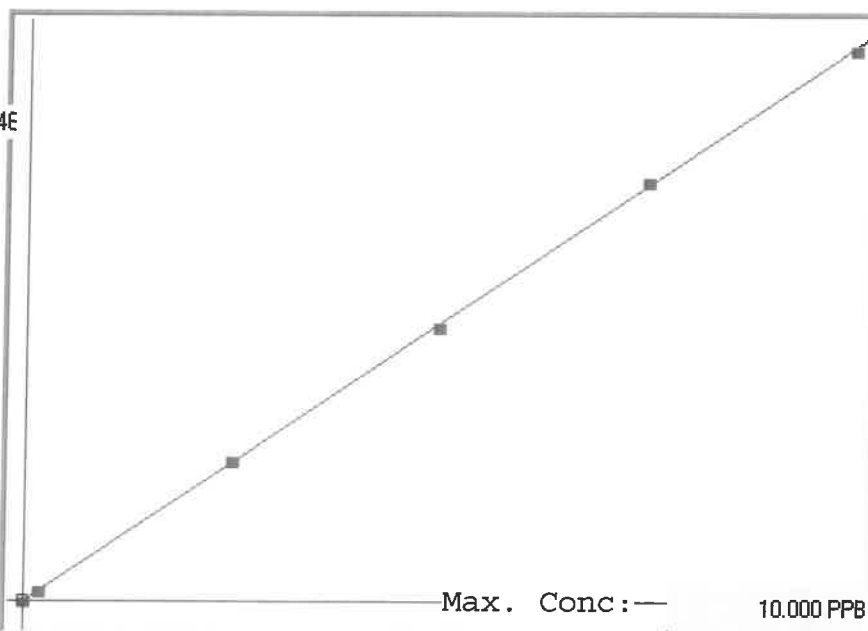
7470A

INSTRUMENT ID: CV1

Linear

μ Abs.:

38946



A= 0.0000e+000

B= 2.5567e-004

C= 6.7630e-003

Rho= 0.9999523

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	6/0.9)
0.0	0.000	-0.004	-0.004	-44	0.000	-44	0				
0.2	0.200	0.186	-0.014	702	0.0 %	702					
2.5	2.500	2.530	0.030	9868	0.0 %	9868					
5.0	5.000	4.961	-0.039	19379	0.0 %	19379					
7.5	7.500	7.563	0.063	29553	0.0 %	29553					
10.0	10.000	9.964	-0.036	38946	0.0 %	38946					

6/0.9)
17
11
0

LB135209 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 27 Mar 2025 11:17:55

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	-44	-	0.0000	7470A	PPB	27 Mar 2025 11:31:11	S	Std
0.2 - 1	50.2	702	-	0.2000	7470A	PPB	27 Mar 2025 11:33:29	S	Std
2.5 - 1	52.5	9868	-	2.5000	7470A	PPB	27 Mar 2025 11:35:47	S	Std
5.0 - 1	55	19379	-	5.0000	7470A	PPB	27 Mar 2025 11:38:04	S	Std
7.5 - 1	55	29553	-	7.5000	7470A	PPB	27 Mar 2025 11:40:21	S	Std
10.0 - 1	57.5	36651	-	10.0000	7470A	PPB	27 Mar 2025 11:42:39	S	Std
10.0 - 1	510	38946	-	10.0000	7470A	PPB	27 Mar 2025 11:45:26	S	Std
ICV63 - 1	ICV63	15976	4.0914	-	7470A	PPB	27 Mar 2025 12:09:50	U	SMPL
ICB63 - 1	ICB63	-313	-0.0733	-	7470A	PPB	27 Mar 2025 12:12:05	U	SMPL
CCV88 - 1	CCV88	18051	4.6219	-	7470A	PPB	27 Mar 2025 12:16:55	U	SMPL
CCB88 - 1	CCB88	-296	-0.0689	-	7470A	PPB	27 Mar 2025 12:19:12	U	SMPL
CRA - 1	CRA	846	0.2231	-	7470A	PPB	27 Mar 2025 12:21:29	U	SMPL
HighStd - 1	HighStd	37208	9.5199	-	7470A	PPB	27 Mar 2025 12:26:23	U	SMPL
ChkStd - 1	ChkStd	28638	7.3288	-	7470A	PPB	27 Mar 2025 12:28:40	U	SMPL
PB167356BL - 1	PBW	-39	-0.0032	-	7470A	PPB	27 Mar 2025 12:33:39	U	SMPL
PB167356BS - 1	LCSW	16921	4.3330	-	7470A	PPB	27 Mar 2025 12:35:54	U	SMPL
Q1168-09 - 1	MDL-WATER-03-QT1-2025	180	0.0528	-	7470A	PPB	27 Mar 2025 12:43:22	U	SMPL
Q1625-01 - 1	FRAC-TANK-A1291	6369	1.6352	-	7470A	PPB	27 Mar 2025 12:45:39	U	SMPL
Q1641-02 - 1	NP-WS-003	-422	-0.1011	-	7470A	PPB	27 Mar 2025 12:47:56	U	SMPL
Q1643-06 - 1	A4212	-8	0.0047	-	7470A	PPB	27 Mar 2025 12:50:16	U	SMPL
Q1644-03 - 1	031925	5	0.0080	-	7470A	PPB	27 Mar 2025 12:52:31	U	SMPL
CCV89 - 1	CCV89	20296	5.1959	-	7470A	PPB	27 Mar 2025 12:54:46	U	SMPL
CCB89 - 1	CCB89	-211	-0.0472	-	7470A	PPB	27 Mar 2025 12:57:02	U	SMPL
Q1655-01 - 1	TANK-COMP	54	0.0206	-	7470A	PPB	27 Mar 2025 12:59:20	U	SMPL
Q1659-01 - 1	3808	154	0.0461	-	7470A	PPB	27 Mar 2025 13:01:35	U	SMPL
Q1659-02 - 1	3809	114	0.0359	-	7470A	PPB	27 Mar 2025 13:03:50	U	SMPL
Q1659-02DUP - 1	3809DUP	137	0.0418	-	7470A	PPB	27 Mar 2025 13:06:07	U	SMPL
Q1659-02MS - 1	3809MS	9736	2.4960	-	7470A	PPB	27 Mar 2025 13:08:22	U	SMPL
Q1659-02MSD - 1	3809MSD	8946	2.2940	-	7470A	PPB	27 Mar 2025 13:10:38	U	SMPL
Q1659-02LX5 - 1		-276	-0.0638	-	7470A	PPB	27 Mar 2025 13:12:57	U	SMPL
Q1659-02A - 1		11605	2.9739	-	7470A	PPB	27 Mar 2025 13:15:17	U	SMPL
Q1168-07 - 1		190	0.0553	-	7470A	PPB	27 Mar 2025 13:28:05	U	SMPL
Q1168-07RE - 1		532	0.1428	-	7470A	PPB	27 Mar 2025 13:30:20	U	SMPL
CCV90 - 1	CCV90	21226	5.4337	-	7470A	PPB	27 Mar 2025 13:32:35	U	SMPL
CCB90 - 1	CCB90	-263	-0.0605	-	7470A	PPB	27 Mar 2025 13:34:51	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: 03/27/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 03/27/2025 Time : 13:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *SKS*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-1	0.25	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP84720
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1 CELL 50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/27/25 14:10	<i>SKS meeb. d19</i>	<i>SKS (metals lab)</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
PB167355BL	PBW355	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	23
PB167355BS	LCS355	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	24
Q1641-02	NP-WS-003	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	25
Q1643-06	A4212	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	26
Q1644-03	031925	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	27
Q1655-01	TANK-COMP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	28
Q1655-01MS	TANK-COMPMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	30
Q1655-01MSD	TANK-COMPMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	31
Q1655-01DUP	TANK-COMP DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	29

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB167355

Worklist ID : 188593

Department : Digestion

Date : 03-27-2025 09:22:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1641-02	NP-WS-003	Water	Metals ICP-Group1	Cool 4 deg C	ENTA05	I31	03/25/2025	6010D
Q1643-06	A4212	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	I31	03/25/2025	6010D
Q1644-03	031925	Water	Metals PSEG Group2	1:1 HNO3 to pH < 2	PSEG03	I31	03/25/2025	6010D
Q1655-01	TANK-COMP	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	I31	03/26/2025	6010D

Date/Time

03/27/25 9:40

Raw Sample Received by:

S123.meb.d10

Raw Sample Relinquished by:

CP SM

Date/Time

03/27/25

10:40

Raw Sample Received by:

CP SM

Raw Sample Relinquished by:

S123.mef.d10

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135209

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85034,MP85035,MP85036,MP85037,MP85038,MP85039
ICV Standard	MP85040
CCV Standard	MP85042
ICSA Standard	
CRI Standard	MP85044
LCS Standard	
Chk Standard	MP85041,MP85043,MP85045,MP85063

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/27/25 11:31		Mohan	OK
2	S0.2	S0.2	CAL2	03/27/25 11:33		Mohan	OK
3	S2.5	S2.5	CAL3	03/27/25 11:35		Mohan	OK
4	S5	S5	CAL4	03/27/25 11:38		Mohan	OK
5	S7.5	S7.5	CAL5	03/27/25 11:40		Mohan	OK
6	S10	S10	CAL6	03/27/25 11:45		Mohan	OK
7	ICV63	ICV63	ICV	03/27/25 12:09		Mohan	OK
8	ICB63	ICB63	ICB	03/27/25 12:12		Mohan	OK
9	CCV88	CCV88	CCV	03/27/25 12:16		Mohan	OK
10	CCB88	CCB88	CCB	03/27/25 12:19		Mohan	OK
11	CRA	CRA	CRDL	03/27/25 12:21		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/27/25 12:26		Mohan	OK
13	ChkStd	ChkStd	SAM	03/27/25 12:28		Mohan	OK
14	PB167356BL	PB167356BL	MB	03/27/25 12:33		Mohan	OK
15	PB167356BS	PB167356BS	LCS	03/27/25 12:35		Mohan	OK
16	Q1168-09	MDL-WATER-03-QT1	SAM	03/27/25 12:43		Mohan	OK
17	Q1625-01	FRAC-TANK-A1291	SAM	03/27/25 12:45		Mohan	OK
18	Q1641-02	NP-WS-003	SAM	03/27/25 12:47		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135209

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85034,MP85035,MP85036,MP85037,MP85038,MP85039
ICV Standard	MP85040
CCV Standard	MP85042
ICSA Standard	
CRI Standard	MP85044
LCS Standard	
Chk Standard	MP85041,MP85043,MP85045,MP85063

19	Q1643-06	A4212	SAM	03/27/25 12:50		Mohan	OK
20	Q1644-03	031925	SAM	03/27/25 12:52		Mohan	OK
21	CCV89	CCV89	CCV	03/27/25 12:54		Mohan	OK
22	CCB89	CCB89	CCB	03/27/25 12:57		Mohan	OK
23	Q1655-01	TANK-COMP	SAM	03/27/25 12:59		Mohan	OK
24	Q1659-01	3808	SAM	03/27/25 13:01		Mohan	OK
25	Q1659-02	3809	SAM	03/27/25 13:03		Mohan	OK
26	Q1659-02DUP	3809DUP	DUP	03/27/25 13:06		Mohan	OK
27	Q1659-02MS	3809MS	MS	03/27/25 13:08		Mohan	OK
28	Q1659-02MSD	3809MSD	MSD	03/27/25 13:10		Mohan	OK
29	Q1659-02L	3809L	SD	03/27/25 13:12		Mohan	OK
30	Q1659-02A	3809A	PS	03/27/25 13:15		Mohan	OK
31	Q1168-07	LOD-MDL-WATER-01	SAM	03/27/25 13:28		Mohan	OK
32	Q1168-07RE	LOD-MDL-WATER-01	SAM	03/27/25 13:30		Mohan	OK
33	CCV90	CCV90	CCV	03/27/25 13:32		Mohan	OK
34	CCB90	CCB90	CCB	03/27/25 13:34		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135228

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/28/25 08:28		Kareem	OK
2	S1	S1	CAL2	03/28/25 08:32		Kareem	OK
3	S2	S2	CAL3	03/28/25 08:36		Kareem	OK
4	S3	S3	CAL4	03/28/25 08:41		Kareem	OK
5	S4	S4	CAL5	03/28/25 08:45		Kareem	OK
6	S5	S5	CAL6	03/28/25 08:49		Kareem	OK
7	ICV01	ICV01	ICV	03/28/25 08:53		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/28/25 08:59		Kareem	OK
9	ICB01	ICB01	ICB	03/28/25 09:03		Kareem	OK
10	CRI01	CRI01	CRDL	03/28/25 09:07		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/28/25 09:11		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/28/25 09:16		Kareem	OK
13	CCV01	CCV01	CCV	03/28/25 09:20		Kareem	OK
14	CCB01	CCB01	CCB	03/28/25 09:24		Kareem	OK
15	Q1648-02	TP-4	SAM	03/28/25 09:33		Kareem	OK
16	PB167329TB	PB167329TB	MB	03/28/25 09:37		Kareem	OK
17	Q1648-04	TP-5	SAM	03/28/25 09:42		Kareem	OK
18	Q1648-06	TP-3	SAM	03/28/25 09:46		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135228

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	Q1648-08	TP-6	SAM	03/28/25 09:50		Kareem	OK
20	Q1648-10	TP-7	SAM	03/28/25 09:55		Kareem	OK
21	Q1648-12	TP-8	SAM	03/28/25 09:59		Kareem	OK
22	Q1648-14	TP-2	SAM	03/28/25 10:04		Kareem	OK
23	Q1598-06	ETGI-354	SAM	03/28/25 10:08		Kareem	OK
24	Q1598-07	72-11944	SAM	03/28/25 10:13		Kareem	OK
25	CCV02	CCV02	CCV	03/28/25 10:30		Kareem	OK
26	CCB02	CCB02	CCB	03/28/25 10:34		Kareem	OK
27	Q1642-02	PAT-1-032525	SAM	03/28/25 10:38		Kareem	OK
28	Q1643-04	030825-COMP	SAM	03/28/25 10:43		Kareem	OK
29	Q1645-04	TP-4	SAM	03/28/25 10:47		Kareem	OK
30	Q1645-08	TP-1	SAM	03/28/25 10:51		Kareem	OK
31	Q1662-04	TP-6	SAM	03/28/25 10:56		Kareem	OK
32	Q1662-08	TP-7	SAM	03/28/25 11:00		Kareem	OK
33	Q1662-08DUP	TP-7DUP	DUP	03/28/25 11:05		Kareem	OK
34	Q1662-08L	TP-7L	SD	03/28/25 11:09		Kareem	OK
35	Q1662-08MS	TP-7MS	MS	03/28/25 11:13		Kareem	OK
36	Q1662-08MSD	TP-7MSD	MSD	03/28/25 11:18		Kareem	OK
37	CCV03	CCV03	CCV	03/28/25 11:22		Kareem	OK
38	CCB03	CCB03	CCB	03/28/25 11:26		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135228

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	Q1662-08A	TP-7A	PS	03/28/25 11:30		Kareem	OK
40	PB167357BL	PB167357BL	MB	03/28/25 11:34		Kareem	OK
41	PB167357BS	PB167357BS	LCS	03/28/25 11:39		Kareem	OK
42	Q1641-02	NP-WS-003	SAM	03/28/25 11:43		Kareem	OK
43	Q1643-06	A4212	SAM	03/28/25 11:47	Na (oversaturated)	Kareem	Dilution
44	Q1644-03	031925	SAM	03/28/25 11:52		Kareem	OK
45	Q1655-01	TANK-COMP	SAM	03/28/25 11:56		Kareem	OK
46	Q1655-01DUP	TANK-COMPDUP	DUP	03/28/25 12:00		Kareem	OK
47	Q1655-01L	TANK-COMPL	SD	03/28/25 12:05		Kareem	OK
48	Q1655-01MS	TANK-COMPMS	MS	03/28/25 12:09		Kareem	OK
49	CCV04	CCV04	CCV	03/28/25 12:13		Kareem	OK
50	CCB04	CCB04	CCB	03/28/25 12:18		Kareem	OK
51	Q1655-01MSD	TANK-COMPMSD	MSD	03/28/25 12:22		Kareem	OK
52	Q1655-01A	TANK-COMPA	PS	03/28/25 12:27		Kareem	OK
53	Q1643-06DL	A4212DL	SAM	03/28/25 12:31	10X for Na	Kareem	Confirms
54	PB167355BL	PB167355BL	MB	03/28/25 12:35		Kareem	OK
55	PB167355BS	PB167355BS	LCS	03/28/25 12:40		Kareem	OK
56	LR1	LR1	HIGH STD	03/28/25 12:50		Kareem	OK
57	LR2	LR2	HIGH STD	03/28/25 12:55		Kareem	OK
58	CCV05	CCV05	CCV	03/28/25 13:01		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135228

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

59	CCB05	CCB05	CCB	03/28/25 13:05		Kareem	OK
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SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.

QUOTE NO.

COC Number 2045917

01641

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ENTACT

ADDRESS: 150 Bay St Apt 806

CITY: Jersey City STATE: ZIP:

ATTENTION: Wyatt Seel

PHONE: 419-266-4671 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: North Point

PROJECT NO.: E9306 LOCATION:

PROJECT MANAGER: Wyatt Seel

e-mail: WSeel@ENTACT.com

PHONE: 419-266-4671 FAX:

CLIENT BILLING INFORMATION

BILL TO: ENTACT LLC PO#: E9306

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): 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

VOC 8280
8 PCB 6010 +
3. COPPER NICKLE
4 ZINC COBALT IRON
5 AL, TIN
6 PCB 8020

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

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

1. NP-US-003

W X 3/25 13:00 8

1 2 3 4 5 6 7 8 9
X X X X X X

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

1. Wyatt Seel

3/25 13:35

3/25 13:35

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8 °C

Comments:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

2.

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

3.

3.25.25

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1641	ENTA05	Order Date : 3/25/2025 1:48:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : 540 Degraw St, Brooklyn, N	Report Type : Level 1
Client Contact : Jarod Stanfield		Receive DateTime : 3/25/2025 1:50:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Jarod Stanfield			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1641-02	NP-WS-003	Water	03/25/2025	13:00	VOC-TCLVOA-10		8260D		10 5 Bus. Days

stored in VOA
ref # 05

Relinquished By: 

Date / Time : 3-25-25 1605

Received By: 

Date / Time : 3-25-25

16:05

Storage Area : VOA Refridgerator Room