

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

LAB CHRONICLE

OrderID: Q3603	OrderDate: 11/10/2025 3:49:00 PM
Client: Homeowner	Project: Short Hills - Drinking Water
Contact: Abe Nabatian	Location: D11,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3603-01	SHORT-HILLS-DW	Water			11/10/25			11/10/25
			Mercury	245.1		11/21/25	11/21/25	
			Metals ICP-Group1	200.7		11/12/25	11/12/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3603

Order ID: Q3603

Client: Homeowner

Project ID: Short Hills - Drinking Water

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SHORT-HILLS-DW								
Q3603-01	SHORT-HILLS-DW	Water	Aluminum	24.3	J	15.4	50.0	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Calcium	20300		86.4	1000	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Chromium	9.08		0.53	5.00	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Iron	26.6	J	18.0	50.0	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Magnesium	5160		104	1000	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Manganese	10.4		2.46	10.0	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Nickel	2.59	J	1.90	20.0	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Potassium	1530		309	1000	ug/L
Q3603-01	SHORT-HILLS-DW	Water	Sodium	48000		367	1000	ug/L



SAMPLE DATA

Report of Analysis

Client:	Homeowner	Date Collected:	11/10/25
Project:	Short Hills - Drinking Water	Date Received:	11/10/25
Client Sample ID:	SHORT-HILLS-DW	SDG No.:	Q3603
Lab Sample ID:	Q3603-01	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	24.3	J	1	15.4	50.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-36-0	Antimony	2.72	U	1	2.72	25.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-38-2	Arsenic	1.85	U	1	1.85	10.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-39-3	Barium	9.75	U	1	9.75	50.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-41-7	Beryllium	0.27	U	1	0.27	3.00	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-43-9	Cadmium	0.31	U	1	0.31	3.00	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-70-2	Calcium	20300		1	86.4	1000	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-47-3	Chromium	9.08		1	0.53	5.00	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-48-4	Cobalt	1.16	U	1	1.16	15.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-50-8	Copper	1.89	U	1	1.89	10.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7439-89-6	Iron	26.6	J	1	18.0	50.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7439-92-1	Lead	1.21	U	1	1.21	6.00	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7439-95-4	Magnesium	5160		1	104	1000	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7439-96-5	Manganese	10.4		1	2.46	10.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	11/21/25 08:00	11/21/25 12:50	E245.1	M245.1
7440-02-0	Nickel	2.59	J	1	1.90	20.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-09-7	Potassium	1530		1	309	1000	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7782-49-2	Selenium	2.52	U	1	2.52	10.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-23-5	Sodium	48000		1	367	1000	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-28-0	Thallium	2.51	U	1	2.51	20.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-62-2	Vanadium	2.49	U	1	2.49	20.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7
7440-66-6	Zinc	2.00	U	1	2.00	20.0	ug/L	11/12/25 10:45	11/12/25 20:00	EPA 200.7	M200.7

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: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
ICV124	Mercury	3.94	4.0	98	95 - 105	CV	11/21/2025	12:29	LB138004

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
CCV22	Mercury	5.03	5.0	101	90 - 110	CV	11/21/2025	12:34	LB138004
CCV23	Mercury	4.97	5.0	99	90 - 110	CV	11/21/2025	13:01	LB138004
CCV24	Mercury	5.08	5.0	102	90 - 110	CV	11/21/2025	13:13	LB138004

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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	7770	8000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Antimony	4140	4000	103	95 - 105	P	11/12/2025	16:56	LB137883
	Arsenic	4150	4000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Barium	7600	8000	95	95 - 105	P	11/12/2025	16:56	LB137883
	Beryllium	196	200	98	95 - 105	P	11/12/2025	16:56	LB137883
	Cadmium	2010	2000	101	95 - 105	P	11/12/2025	16:56	LB137883
	Calcium	19200	20000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Chromium	803	800	100	95 - 105	P	11/12/2025	16:56	LB137883
	Cobalt	1950	2000	98	95 - 105	P	11/12/2025	16:56	LB137883
	Copper	1010	1000	101	95 - 105	P	11/12/2025	16:56	LB137883
	Iron	3900	4000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Lead	3980	4000	100	95 - 105	P	11/12/2025	16:56	LB137883
	Magnesium	19400	20000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Manganese	1920	2000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Nickel	1950	2000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Potassium	19200	20000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Selenium	4120	4000	103	95 - 105	P	11/12/2025	16:56	LB137883
	Silver	1040	1000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Sodium	19900	20000	99	95 - 105	P	11/12/2025	16:56	LB137883
	Thallium	4180	4000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Vanadium	1930	2000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Zinc	1960	2000	98	95 - 105	P	11/12/2025	16:56	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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	107	100	107	80 - 120	P	11/12/2025	17:25	LB137883
	Antimony	50.6	50.0	101	80 - 120	P	11/12/2025	17:25	LB137883
	Arsenic	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Barium	101	100	101	80 - 120	P	11/12/2025	17:25	LB137883
	Beryllium	6.47	6.0	108	80 - 120	P	11/12/2025	17:25	LB137883
	Cadmium	5.74	6.0	96	80 - 120	P	11/12/2025	17:25	LB137883
	Calcium	1920	2000	96	80 - 120	P	11/12/2025	17:25	LB137883
	Chromium	10.2	10.0	102	80 - 120	P	11/12/2025	17:25	LB137883
	Cobalt	28.6	30.0	95	80 - 120	P	11/12/2025	17:25	LB137883
	Copper	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Iron	103	100	103	80 - 120	P	11/12/2025	17:25	LB137883
	Lead	9.89	12.0	82	80 - 120	P	11/12/2025	17:25	LB137883
	Magnesium	2170	2000	109	80 - 120	P	11/12/2025	17:25	LB137883
	Manganese	20.0	20.0	100	80 - 120	P	11/12/2025	17:25	LB137883
	Nickel	37.7	40.0	94	80 - 120	P	11/12/2025	17:25	LB137883
	Potassium	1710	2000	86	80 - 120	P	11/12/2025	17:25	LB137883
	Selenium	17.6	20.0	88	80 - 120	P	11/12/2025	17:25	LB137883
	Silver	11.2	10.0	112	80 - 120	P	11/12/2025	17:25	LB137883
	Sodium	1940	2000	97	80 - 120	P	11/12/2025	17:25	LB137883
	Thallium	35.9	40.0	90	80 - 120	P	11/12/2025	17:25	LB137883
	Vanadium	36.0	40.0	90	80 - 120	P	11/12/2025	17:25	LB137883
	Zinc	40.1	40.0	100	80 - 120	P	11/12/2025	17:25	LB137883

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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	9640	10000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Antimony	4870	5000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Arsenic	5040	5000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Barium	9410	10000	94	90 - 110	P	11/12/2025	18:01	LB137883
	Beryllium	232	250	93	90 - 110	P	11/12/2025	18:01	LB137883
	Cadmium	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Calcium	24000	25000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Chromium	985	1000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Cobalt	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	18:01	LB137883
	Iron	5090	5000	102	90 - 110	P	11/12/2025	18:01	LB137883
	Lead	4730	5000	95	90 - 110	P	11/12/2025	18:01	LB137883
	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Manganese	2350	2500	94	90 - 110	P	11/12/2025	18:01	LB137883
	Nickel	2370	2500	95	90 - 110	P	11/12/2025	18:01	LB137883
	Potassium	24600	25000	99	90 - 110	P	11/12/2025	18:01	LB137883
	Selenium	4800	5000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Silver	1200	1250	96	90 - 110	P	11/12/2025	18:01	LB137883
	Sodium	25300	25000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Thallium	5140	5000	103	90 - 110	P	11/12/2025	18:01	LB137883
	Vanadium	2400	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Zinc	2410	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
CCV02	Aluminum	9660	10000	97	90 - 110	P	11/12/2025	19:04	LB137883
	Antimony	4950	5000	99	90 - 110	P	11/12/2025	19:04	LB137883
	Arsenic	5130	5000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Barium	9190	10000	92	90 - 110	P	11/12/2025	19:04	LB137883
	Beryllium	241	250	96	90 - 110	P	11/12/2025	19:04	LB137883
	Cadmium	2410	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Calcium	23800	25000	95	90 - 110	P	11/12/2025	19:04	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	19:04	LB137883
	Cobalt	2400	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
	Iron	4840	5000	97	90 - 110	P	11/12/2025	19:04	LB137883
	Lead	4790	5000	96	90 - 110	P	11/12/2025	19:04	LB137883

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
CCV02	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	19:04	LB137883
	Manganese	2300	2500	92	90 - 110	P	11/12/2025	19:04	LB137883
	Nickel	2380	2500	95	90 - 110	P	11/12/2025	19:04	LB137883
	Potassium	24600	25000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Selenium	4910	5000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Silver	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
	Sodium	25500	25000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Thallium	5390	5000	108	90 - 110	P	11/12/2025	19:04	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Zinc	2470	2500	99	90 - 110	P	11/12/2025	19:04	LB137883
CCV03	Aluminum	9770	10000	98	90 - 110	P	11/12/2025	20:29	LB137883
	Antimony	5060	5000	101	90 - 110	P	11/12/2025	20:29	LB137883
	Arsenic	5220	5000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Barium	9550	10000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Beryllium	225	250	90	90 - 110	P	11/12/2025	20:29	LB137883
	Cadmium	2400	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Calcium	24100	25000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Cobalt	2410	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Copper	1230	1250	98	90 - 110	P	11/12/2025	20:29	LB137883
	Iron	5390	5000	108	90 - 110	P	11/12/2025	20:29	LB137883
	Lead	4770	5000	95	90 - 110	P	11/12/2025	20:29	LB137883
	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Manganese	2360	2500	95	90 - 110	P	11/12/2025	20:29	LB137883
	Nickel	2380	2500	95	90 - 110	P	11/12/2025	20:29	LB137883
	Potassium	25900	25000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Selenium	5020	5000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Silver	1240	1250	99	90 - 110	P	11/12/2025	20:29	LB137883
	Sodium	27000	25000	108	90 - 110	P	11/12/2025	20:29	LB137883
	Thallium	5290	5000	106	90 - 110	P	11/12/2025	20:29	LB137883
	Vanadium	2430	2500	97	90 - 110	P	11/12/2025	20:29	LB137883
	Zinc	2600	2500	104	90 - 110	P	11/12/2025	20:29	LB137883
CCV04	Aluminum	9370	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Antimony	4830	5000	97	90 - 110	P	11/12/2025	21:46	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
CCV04	Arsenic	5310	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Barium	9420	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Beryllium	253	250	101	90 - 110	P	11/12/2025	21:46	LB137883
	Cadmium	2640	2500	105	90 - 110	P	11/12/2025	21:46	LB137883
	Calcium	24100	25000	96	90 - 110	P	11/12/2025	21:46	LB137883
	Chromium	1100	1000	110	90 - 110	P	11/12/2025	21:46	LB137883
	Cobalt	2570	2500	103	90 - 110	P	11/12/2025	21:46	LB137883
	Copper	1270	1250	101	90 - 110	P	11/12/2025	21:46	LB137883
	Iron	5460	5000	109	90 - 110	P	11/12/2025	21:46	LB137883
	Lead	5200	5000	104	90 - 110	P	11/12/2025	21:46	LB137883
	Magnesium	24100	25000	96	90 - 110	P	11/12/2025	21:46	LB137883
	Manganese	2260	2500	90	90 - 110	P	11/12/2025	21:46	LB137883
	Nickel	2580	2500	103	90 - 110	P	11/12/2025	21:46	LB137883
	Potassium	22600	25000	90	90 - 110	P	11/12/2025	21:46	LB137883
	Selenium	5170	5000	103	90 - 110	P	11/12/2025	21:46	LB137883
	Silver	1350	1250	108	90 - 110	P	11/12/2025	21:46	LB137883
	Sodium	23500	25000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Thallium	5320	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	21:46	LB137883
	Zinc	2470	2500	99	90 - 110	P	11/12/2025	21:46	LB137883
CCV05	Aluminum	9720	10000	97	90 - 110	P	11/12/2025	22:16	LB137883
	Antimony	4820	5000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Arsenic	5030	5000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Barium	9330	10000	93	90 - 110	P	11/12/2025	22:16	LB137883
	Beryllium	234	250	94	90 - 110	P	11/12/2025	22:16	LB137883
	Cadmium	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Calcium	23900	25000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Cobalt	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	22:16	LB137883
	Iron	5030	5000	101	90 - 110	P	11/12/2025	22:16	LB137883
	Lead	4740	5000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Magnesium	23800	25000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Manganese	2590	2500	104	90 - 110	P	11/12/2025	22:16	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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	Nickel	2400	2500	96	90 - 110	P	11/12/2025	22:16	LB137883
	Potassium	25500	25000	102	90 - 110	P	11/12/2025	22:16	LB137883
	Selenium	4790	5000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:16	LB137883
	Sodium	26000	25000	104	90 - 110	P	11/12/2025	22:16	LB137883
	Thallium	4610	5000	92	90 - 110	P	11/12/2025	22:16	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	22:16	LB137883
	Zinc	2340	2500	94	90 - 110	P	11/12/2025	22:16	LB137883
CCV06	Aluminum	9940	10000	99	90 - 110	P	11/12/2025	22:53	LB137883
	Antimony	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Arsenic	5080	5000	102	90 - 110	P	11/12/2025	22:53	LB137883
	Barium	9580	10000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Beryllium	243	250	97	90 - 110	P	11/12/2025	22:53	LB137883
	Cadmium	2430	2500	97	90 - 110	P	11/12/2025	22:53	LB137883
	Calcium	24300	25000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:53	LB137883
	Cobalt	2440	2500	98	90 - 110	P	11/12/2025	22:53	LB137883
	Copper	1220	1250	97	90 - 110	P	11/12/2025	22:53	LB137883
	Iron	4880	5000	98	90 - 110	P	11/12/2025	22:53	LB137883
	Lead	4780	5000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Magnesium	24100	25000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Manganese	2630	2500	105	90 - 110	P	11/12/2025	22:53	LB137883
	Nickel	2410	2500	96	90 - 110	P	11/12/2025	22:53	LB137883
	Potassium	24800	25000	99	90 - 110	P	11/12/2025	22:53	LB137883
	Selenium	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:53	LB137883
	Sodium	25300	25000	101	90 - 110	P	11/12/2025	22:53	LB137883
	Thallium	4840	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Vanadium	2450	2500	98	90 - 110	P	11/12/2025	22:53	LB137883
	Zinc	2380	2500	95	90 - 110	P	11/12/2025	22:53	LB137883



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	118	100	118	65 - 135	P	11/12/2025	22:07	LB137883
	Antimony	47.1	50.0	94	65 - 135	P	11/12/2025	22:07	LB137883
	Arsenic	17.1	20.0	86	65 - 135	P	11/12/2025	22:07	LB137883
	Barium	94.0	100	94	65 - 135	P	11/12/2025	22:07	LB137883
	Beryllium	5.97	6.0	100	65 - 135	P	11/12/2025	22:07	LB137883
	Cadmium	5.94	6.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Calcium	2020	2000	101	65 - 135	P	11/12/2025	22:07	LB137883
	Chromium	10.9	10.0	109	65 - 135	P	11/12/2025	22:07	LB137883
	Cobalt	28.5	30.0	95	65 - 135	P	11/12/2025	22:07	LB137883
	Copper	21.1	20.0	105	65 - 135	P	11/12/2025	22:07	LB137883
	Iron	112	100	112	65 - 135	P	11/12/2025	22:07	LB137883
	Lead	11.8	12.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Magnesium	2100	2000	105	65 - 135	P	11/12/2025	22:07	LB137883
	Manganese	18.8	20.0	94	65 - 135	P	11/12/2025	22:07	LB137883
	Nickel	38.3	40.0	96	65 - 135	P	11/12/2025	22:07	LB137883
	Potassium	2110	2000	106	65 - 135	P	11/12/2025	22:07	LB137883
	Selenium	21.6	20.0	108	65 - 135	P	11/12/2025	22:07	LB137883
	Silver	9.58	10.0	96	65 - 135	P	11/12/2025	22:07	LB137883
	Sodium	1740	2000	87	65 - 135	P	11/12/2025	22:07	LB137883
	Thallium	39.6	40.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Vanadium	41.8	40.0	104	65 - 135	P	11/12/2025	22:07	LB137883
	Zinc	38.1	40.0	95	65 - 135	P	11/12/2025	22:07	LB137883
CRA	Mercury	0.046	0.05	91	60 - 140	CV	11/21/2025	12:39	LB138004



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB124	Mercury	0.027	+/-0.2	U	0.20	CV	11/21/2025	12:32	LB138004

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB22	Mercury	0.027	+/-0.2	U	0.20	CV	11/21/2025	12:36	LB138004
CCB23	Mercury	0.027	+/-0.2	U	0.20	CV	11/21/2025	13:04	LB138004
CCB24	Mercury	0.027	+/-0.2	U	0.20	CV	11/21/2025	13:16	LB138004

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	28.4	+/-50	J	100	P	11/12/2025	17:35	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	17:35	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	17:35	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	17:35	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	17:35	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	17:35	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	17:35	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	17:35	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	17:35	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	17:35	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	17:35	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	17:35	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	17:35	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	17:35	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	17:35	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	17:35	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	17:35	LB137883
	Silver	1.62	+/-5	U	10.0	P	11/12/2025	17:35	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	17:35	LB137883
	Thallium	4.38	+/-20	U	40.0	P	11/12/2025	17:35	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	17:35	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	17:35	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	22.3	+/-50	J	100	P	11/12/2025	18:13	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	18:13	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	18:13	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	18:13	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	18:13	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	18:13	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	18:13	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	18:13	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	18:13	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	18:13	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	18:13	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	18:13	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	18:13	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	18:13	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	18:13	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	18:13	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	18:13	LB137883
	Silver	1.68	+/-5	J	10.0	P	11/12/2025	18:13	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	18:13	LB137883
	Thallium	8.50	+/-20	J	40.0	P	11/12/2025	18:13	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	18:13	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	18:13	LB137883
CCB02	Aluminum	11.3	+/-50	U	100	P	11/12/2025	19:24	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	19:24	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	19:24	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	19:24	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	19:24	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	19:24	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	19:24	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	19:24	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	19:24	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	19:24	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	19:24	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	19:24	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	19:24	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	19:24	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	19:24	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	19:24	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	19:24	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/12/2025	19:24	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	19:24	LB137883
	Thallium	4.38	+/-20	U	40.0	P	11/12/2025	19:24	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	19:24	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	19:24	LB137883
CCB03	Aluminum	19.7	+/-50	J	100	P	11/12/2025	20:37	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	20:37	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	20:37	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	20:37	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	20:37	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	20:37	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	20:37	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	20:37	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	20:37	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	20:37	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	20:37	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	20:37	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	20:37	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	20:37	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	20:37	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	20:37	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	20:37	LB137883
	Silver	1.62	+/-5	U	10.0	P	11/12/2025	20:37	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	20:37	LB137883
	Thallium	7.39	+/-20	J	40.0	P	11/12/2025	20:37	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	20:37	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	20:37	LB137883
CCB04	Aluminum	11.3	+/-50	U	100	P	11/12/2025	22:03	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	22:03	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	22:03	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	22:03	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	22:03	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	22:03	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	22:03	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	22:03	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	22:03	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	22:03	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	22:03	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	22:03	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/12/2025	22:03	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	22:03	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	22:03	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	22:03	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	22:03	LB137883
	Silver	1.62	+/-5	U	10.0	P	11/12/2025	22:03	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	22:03	LB137883
	Thallium	8.31	+/-20	J	40.0	P	11/12/2025	22:03	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	22:03	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	22:03	LB137883
CCB05	Aluminum	23.3	+/-50	J	100	P	11/12/2025	22:20	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	22:20	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	22:20	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	22:20	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	22:20	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	22:20	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	22:20	LB137883
	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	22:20	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	22:20	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	22:20	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	22:20	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	22:20	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	22:20	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	22:20	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	22:20	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	22:20	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	22:20	LB137883
	Silver	1.62	+/-5	U	10.0	P	11/12/2025	22:20	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	22:20	LB137883
	Thallium	4.38	+/-20	U	40.0	P	11/12/2025	22:20	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	22:20	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	22:20	LB137883
CCB06	Aluminum	40.9	+/-50	J	100	P	11/12/2025	22:57	LB137883
	Antimony	6.76	+/-25	U	50.0	P	11/12/2025	22:57	LB137883
	Arsenic	5.12	+/-10	U	20.0	P	11/12/2025	22:57	LB137883
	Barium	14.6	+/-50	U	100	P	11/12/2025	22:57	LB137883
	Beryllium	0.56	+/-3	U	6.00	P	11/12/2025	22:57	LB137883
	Cadmium	0.50	+/-3	U	6.00	P	11/12/2025	22:57	LB137883
	Calcium	234	+/-1000	U	2000	P	11/12/2025	22:57	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/12/2025	22:57	LB137883
	Cobalt	2.26	+/-15	U	30.0	P	11/12/2025	22:57	LB137883
	Copper	4.60	+/-10	U	20.0	P	11/12/2025	22:57	LB137883
	Iron	23.4	+/-50	U	100	P	11/12/2025	22:57	LB137883
	Lead	2.30	+/-6	U	12.0	P	11/12/2025	22:57	LB137883
	Magnesium	244	+/-1000	U	2000	P	11/12/2025	22:57	LB137883
	Manganese	5.94	+/-10	U	20.0	P	11/12/2025	22:57	LB137883
	Nickel	3.06	+/-20	U	40.0	P	11/12/2025	22:57	LB137883
	Potassium	918	+/-1000	U	2000	P	11/12/2025	22:57	LB137883
	Selenium	9.64	+/-10	U	20.0	P	11/12/2025	22:57	LB137883
	Silver	1.62	+/-5	U	10.0	P	11/12/2025	22:57	LB137883
	Sodium	868	+/-1000	U	2000	P	11/12/2025	22:57	LB137883
	Thallium	7.26	+/-20	J	40.0	P	11/12/2025	22:57	LB137883
	Vanadium	6.26	+/-20	U	40.0	P	11/12/2025	22:57	LB137883
	Zinc	16.7	+/-20	U	40.0	P	11/12/2025	22:57	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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: Homeowner

SDG No.: Q3603

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170687BL		WATER		Batch Number:	PB170687		Prep Date:	11/21/2025	
	Mercury	0.027	<0.2	U	0.20	CV	11/21/2025	12:46	LB138004

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Homeowner

SDG No.: Q3603

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170508BL	WATER			Batch Number:	PB170508		Prep Date:	11/12/2025	
	Aluminum	19.8	<25	J	50.0	P	11/12/2025	19:47	LB137883
	Antimony	2.72	<12.5	U	25.0	P	11/12/2025	19:47	LB137883
	Arsenic	1.85	<5	U	10.0	P	11/12/2025	19:47	LB137883
	Barium	9.75	<25	U	50.0	P	11/12/2025	19:47	LB137883
	Beryllium	0.27	<1.5	U	3.00	P	11/12/2025	19:47	LB137883
	Cadmium	0.31	<1.5	U	3.00	P	11/12/2025	19:47	LB137883
	Calcium	86.4	<500	U	1000	P	11/12/2025	19:47	LB137883
	Chromium	0.53	<2.5	U	5.00	P	11/12/2025	19:47	LB137883
	Cobalt	1.16	<7.5	U	15.0	P	11/12/2025	19:47	LB137883
	Copper	1.89	<5	U	10.0	P	11/12/2025	19:47	LB137883
	Iron	18.0	<25	U	50.0	P	11/12/2025	19:47	LB137883
	Lead	1.21	<3	U	6.00	P	11/12/2025	19:47	LB137883
	Magnesium	104	<500	U	1000	P	11/12/2025	19:47	LB137883
	Manganese	2.46	<5	U	10.0	P	11/12/2025	19:47	LB137883
	Nickel	1.90	<10	U	20.0	P	11/12/2025	19:47	LB137883
	Potassium	309	<500	U	1000	P	11/12/2025	19:47	LB137883
	Selenium	2.52	<5	U	10.0	P	11/12/2025	19:47	LB137883
	Silver	0.81	<2.5	U	5.00	P	11/12/2025	19:47	LB137883
	Sodium	367	<500	U	1000	P	11/12/2025	19:47	LB137883
	Thallium	2.51	<10	U	20.0	P	11/12/2025	19:47	LB137883
	Vanadium	2.87	<10	J	20.0	P	11/12/2025	19:47	LB137883
	Zinc	2.00	<10	U	20.0	P	11/12/2025	19:47	LB137883

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Homeowner</u>	SDG No.: <u>Q3603</u>
Contract: <u>HOME01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	238000	255000	93	216000	294000	11/12/2025	17:44	LB137883
	Antimony	-2.72			-50	50	11/12/2025	17:44	LB137883
	Arsenic	7.40			-20	20	11/12/2025	17:44	LB137883
	Barium	8.38	6.0	140	-94	106	11/12/2025	17:44	LB137883
	Beryllium	1.29			-6	6	11/12/2025	17:44	LB137883
	Cadmium	-0.82	1.0	82	-5	7	11/12/2025	17:44	LB137883
	Calcium	231000	245000	94	208000	282000	11/12/2025	17:44	LB137883
	Chromium	50.4	52.0	97	42	62	11/12/2025	17:44	LB137883
	Cobalt	1.60			-30	30	11/12/2025	17:44	LB137883
	Copper	4.00	2.0	200	-18	22	11/12/2025	17:44	LB137883
	Iron	108000	101000	107	85600	116500	11/12/2025	17:44	LB137883
	Lead	-8.49			-12	12	11/12/2025	17:44	LB137883
	Magnesium	241000	255000	94	216000	294000	11/12/2025	17:44	LB137883
	Manganese	7.08	7.0	101	-13	27	11/12/2025	17:44	LB137883
	Nickel	6.73	2.0	336	-38	42	11/12/2025	17:44	LB137883
	Potassium	-318			0	0	11/12/2025	17:44	LB137883
	Selenium	-3.77			-20	20	11/12/2025	17:44	LB137883
	Silver	8.44			-10	10	11/12/2025	17:44	LB137883
	Sodium	-234			0	0	11/12/2025	17:44	LB137883
	Thallium	15.7			-40	40	11/12/2025	17:44	LB137883
	Vanadium	1.85			-40	40	11/12/2025	17:44	LB137883
	Zinc	2.76			-40	40	11/12/2025	17:44	LB137883
ICSAB01	Aluminum	237000	247000	96	209000	285000	11/12/2025	17:48	LB137883
	Antimony	577	618	93	525	711	11/12/2025	17:48	LB137883
	Arsenic	113	104	109	88.4	120	11/12/2025	17:48	LB137883
	Barium	464	537	86	437	637	11/12/2025	17:48	LB137883
	Beryllium	489	495	99	420	570	11/12/2025	17:48	LB137883
	Cadmium	966	972	99	826	1120	11/12/2025	17:48	LB137883
	Calcium	227000	235000	97	199000	271000	11/12/2025	17:48	LB137883
	Chromium	558	542	103	460	624	11/12/2025	17:48	LB137883
	Cobalt	487	476	102	404	548	11/12/2025	17:48	LB137883
	Copper	477	511	93	434	588	11/12/2025	17:48	LB137883
	Iron	102000	99300	103	84400	114500	11/12/2025	17:48	LB137883
	Lead	38.8	49.0	79	37	61	11/12/2025	17:48	LB137883
	Magnesium	239000	248000	96	210000	286000	11/12/2025	17:48	LB137883
	Manganese	457	507	90	430	584	11/12/2025	17:48	LB137883
	Nickel	968	954	102	810	1100	11/12/2025	17:48	LB137883
	Potassium	-446			0	0	11/12/2025	17:48	LB137883
	Selenium	38.7	46.0	84	26	66	11/12/2025	17:48	LB137883
	Silver	204	201	102	170	232	11/12/2025	17:48	LB137883
	Sodium	-316			0	0	11/12/2025	17:48	LB137883
	Thallium	114	108	106	68	148	11/12/2025	17:48	LB137883

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Homeowner</u>	SDG No.: <u>Q3603</u>
Contract: <u>HOME01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	463	491	94	417	565	11/12/2025	17:48	LB137883
	Zinc	991	952	104	809	1095	11/12/2025	17:48	LB137883
ICSA	Aluminum	238000	255000	93	216000	294000	11/12/2025	17:52	LB137883
	Antimony	-54.4			-50	50	11/12/2025	17:52	LB137883
	Arsenic	-97.7			-20	20	11/12/2025	17:52	LB137883
	Barium	-23.0	6.0	383	-94	106	11/12/2025	17:52	LB137883
	Beryllium	7.09			-6	6	11/12/2025	17:52	LB137883
	Cadmium	5.74	1.0	574	-5	7	11/12/2025	17:52	LB137883
	Calcium	231000	245000	94	208000	282000	11/12/2025	17:52	LB137883
	Chromium	54.2	52.0	104	42	62	11/12/2025	17:52	LB137883
	Cobalt	4.41			-30	30	11/12/2025	17:52	LB137883
	Copper	38.2	2.0	1910	-18	22	11/12/2025	17:52	LB137883
	Iron	97500	101000	96	85600	116500	11/12/2025	17:52	LB137883
	Lead	-98.3			-12	12	11/12/2025	17:52	LB137883
	Magnesium	242000	255000	95	216000	294000	11/12/2025	17:52	LB137883
	Manganese	1.98	7.0	28	-13	27	11/12/2025	17:52	LB137883
	Nickel	7.27	2.0	364	-38	42	11/12/2025	17:52	LB137883
	Potassium	-16900			0	0	11/12/2025	17:52	LB137883
	Selenium	-233			-20	20	11/12/2025	17:52	LB137883
	Silver	34.1			-10	10	11/12/2025	17:52	LB137883
	Sodium	-24000			0	0	11/12/2025	17:52	LB137883
	Thallium	-210			-40	40	11/12/2025	17:52	LB137883
	Vanadium	-47.2			-40	40	11/12/2025	17:52	LB137883
	Zinc	-2.18			-40	40	11/12/2025	17:52	LB137883
ICSAB	Aluminum	236000	247000	96	209000	285000	11/12/2025	17:57	LB137883
	Antimony	552	618	89	525	711	11/12/2025	17:57	LB137883
	Arsenic	94.9	104	91	88.4	120	11/12/2025	17:57	LB137883
	Barium	426	537	79	437	637	11/12/2025	17:57	LB137883
	Beryllium	487	495	98	420	570	11/12/2025	17:57	LB137883
	Cadmium	903	972	93	826	1120	11/12/2025	17:57	LB137883
	Calcium	229000	235000	97	199000	271000	11/12/2025	17:57	LB137883
	Chromium	539	542	99	460	624	11/12/2025	17:57	LB137883
	Cobalt	456	476	96	404	548	11/12/2025	17:57	LB137883
	Copper	496	511	97	434	588	11/12/2025	17:57	LB137883
	Iron	96600	99300	97	84400	114500	11/12/2025	17:57	LB137883
	Lead	-21.6	49.0	44	37	61	11/12/2025	17:57	LB137883
	Magnesium	239000	248000	96	210000	286000	11/12/2025	17:57	LB137883
	Manganese	443	507	87	430	584	11/12/2025	17:57	LB137883
	Nickel	909	954	95	810	1100	11/12/2025	17:57	LB137883
	Potassium	-19600			0	0	11/12/2025	17:57	LB137883
	Selenium	-166	46.0	361	26	66	11/12/2025	17:57	LB137883
	Silver	207	201	103	170	232	11/12/2025	17:57	LB137883

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client:	<u>Homeowner</u>	SDG No.:	<u>Q3603</u>
Contract:	<u>HOME01</u>	Lab Code:	<u>ACE</u>
ICS Source:	<u>EPA</u>	Instrument ID:	<u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB	Sodium	-25100			0	0	11/12/2025	17:57	LB137883
	Thallium	-29.9	108	28	68	148	11/12/2025	17:57	LB137883
	Vanadium	321	491	65	417	565	11/12/2025	17:57	LB137883
	Zinc	943	952	99	809	1095	11/12/2025	17:57	LB137883



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Homeowner **level:** low **sdg no.:** Q3603
contract: HOME01 **lab code:** ACE
matrix: Water **sample id:** Q3603-01 **client id:** SHORT-HILLS-DWMS
Percent Solids for Sample: NA **Spiked ID:** Q3603-01MS **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	1000		24.3	J	1000	98		P
Antimony	ug/L	75 - 125	401		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	415		10.0	U	400	104		P
Barium	ug/L	75 - 125	98.5		50.0	U	100	98		P
Beryllium	ug/L	75 - 125	103		3.00	U	100	103		P
Cadmium	ug/L	75 - 125	94.9		3.00	U	100	95		P
Calcium	ug/L	75 - 125	22000		20300		500	329		P
Chromium	ug/L	75 - 125	217		9.08		200	104		P
Cobalt	ug/L	75 - 125	97.0		15.0	U	100	97		P
Copper	ug/L	75 - 125	147		10.0	U	150	98		P
Iron	ug/L	75 - 125	1450		26.6	J	1500	95		P
Lead	ug/L	75 - 125	461		6.00	U	500	92		P
Magnesium	ug/L	75 - 125	6430		5160		1000	127		P
Manganese	ug/L	75 - 125	92.6		10.4		100	82		P
Mercury	ug/L	75 - 125	3.63		0.20	U	4.0	91		CV
Nickel	ug/L	75 - 125	243		2.59	J	250	96		P
Potassium	ug/L	75 - 125	6530		1530		5000	100		P
Selenium	ug/L	75 - 125	950		10.0	U	1000	95		P
Silver	ug/L	75 - 125	34.9		5.00	U	37.5	93		P
Sodium	ug/L	75 - 125	47800		48000		1500	-9		P
Thallium	ug/L	75 - 125	1040		20.0	U	1000	104		P
Vanadium	ug/L	75 - 125	148		20.0	U	150	99		P
Zinc	ug/L	75 - 125	105		20.0	U	100	105		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Homeowner **level:** low **sdg no.:** Q3603
contract: HOME01 **lab code:** ACE
matrix: Water **sample id:** Q3603-01 **client id:** SHORT-HILLS-DWMSD
Percent Solids for Sample: NA **Spiked ID:** Q3603-01MSD **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		24.3	J	1000	100		P
Antimony	ug/L	75 - 125	418		25.0	U	400	104		P
Arsenic	ug/L	75 - 125	434		10.0	U	400	108		P
Barium	ug/L	75 - 125	101		50.0	U	100	101		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	98.7		3.00	U	100	99		P
Calcium	ug/L	75 - 125	22000		20300		500	340		P
Chromium	ug/L	75 - 125	232		9.08		200	111		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	1620		26.6	J	1500	106		P
Lead	ug/L	75 - 125	480		6.00	U	500	96		P
Magnesium	ug/L	75 - 125	6490		5160		1000	133		P
Manganese	ug/L	75 - 125	94.6		10.4		100	84		P
Mercury	ug/L	75 - 125	4.21		0.20	U	4.0	105		CV
Nickel	ug/L	75 - 125	253		2.59	J	250	100		P
Potassium	ug/L	75 - 125	7100		1530		5000	111		P
Selenium	ug/L	75 - 125	995		10.0	U	1000	100		P
Silver	ug/L	75 - 125	36.9		5.00	U	37.5	98		P
Sodium	ug/L	75 - 125	50800		48000		1500	187		P
Thallium	ug/L	75 - 125	1060		20.0	U	1000	106		P
Vanadium	ug/L	75 - 125	150		20.0	U	150	100		P
Zinc	ug/L	75 - 125	111		20.0	U	100	111		P

Metals

- 5b -

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Homeowner **Level:** LOW **SDG No.:** Q3603
Contract: HOME01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3603-01 **Client ID:** SHORT-HILLS-DWDUP
Percent Solids for Sample: NA **Duplicate ID** Q3603-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	24.3	J	50.0	U	200.0		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	20300		20200		0		P
Chromium	ug/L	20	9.08		9.10		0		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	26.6	J	28.1	J	5		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	5160		5180		0		P
Manganese	ug/L	20	10.4		11.3		9		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Nickel	ug/L	20	2.59	J	2.75	J	6		P
Potassium	ug/L	20	1530		1480		3		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	48000		45600		5		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	7.14	J	200.0		P
Zinc	ug/L	20	20.0	U	20.0	U			P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Homeowner **Level:** LOW **SDG No.:** Q3603
Contract: HOME01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3603-01MS **Client ID:** SHORT-HILLS-DWMSD
Percent Solids for Sample: NA **Duplicate ID** Q3603-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1000		1020		2		P
Antimony	ug/L	20	401		418		4		P
Arsenic	ug/L	20	415		434		4		P
Barium	ug/L	20	98.5		101		3		P
Beryllium	ug/L	20	103		100		3		P
Cadmium	ug/L	20	94.9		98.7		4		P
Calcium	ug/L	20	22000		22000		0		P
Chromium	ug/L	20	217		232		7		P
Cobalt	ug/L	20	97.0		101		4		P
Copper	ug/L	20	147		152		3		P
Iron	ug/L	20	1450		1620		11		P
Lead	ug/L	20	461		480		4		P
Magnesium	ug/L	20	6430		6490		1		P
Manganese	ug/L	20	92.6		94.6		2		P
Mercury	ug/L	20	3.63		4.21		15		CV
Nickel	ug/L	20	243		253		4		P
Potassium	ug/L	20	6530		7100		8		P
Selenium	ug/L	20	950		995		5		P
Silver	ug/L	20	34.9		36.9		6		P
Sodium	ug/L	20	47800		50800		6		P
Thallium	ug/L	20	1040		1060		2		P
Vanadium	ug/L	20	148		150		1		P
Zinc	ug/L	20	105		111		6		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170508BS							
Aluminum	ug/L	1000	982		98	85 - 115	P
Antimony	ug/L	400	383		96	85 - 115	P
Arsenic	ug/L	400	391		98	85 - 115	P
Barium	ug/L	100	93.6		94	85 - 115	P
Beryllium	ug/L	100	99.6		100	85 - 115	P
Cadmium	ug/L	100	91.6		92	85 - 115	P
Calcium	ug/L	500	501	J	100	85 - 115	P
Chromium	ug/L	200	198		99	85 - 115	P
Cobalt	ug/L	100	94.1		94	85 - 115	P
Copper	ug/L	150	149		99	85 - 115	P
Iron	ug/L	1500	1460		97	85 - 115	P
Lead	ug/L	500	446		89	85 - 115	P
Magnesium	ug/L	1000	977	J	98	85 - 115	P
Manganese	ug/L	100	93.2		93	85 - 115	P
Nickel	ug/L	250	234		94	85 - 115	P
Potassium	ug/L	5000	4910		98	85 - 115	P
Selenium	ug/L	1000	940		94	85 - 115	P
Silver	ug/L	37.5	36.1		96	85 - 115	P
Sodium	ug/L	1500	1620		108	85 - 115	P
Thallium	ug/L	1000	1010		101	85 - 115	P
Vanadium	ug/L	150	141		94	85 - 115	P
Zinc	ug/L	100	101		101	85 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170687BS Mercury	ug/L	4.0	4.41		110	85 - 115	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SHORT-HILLS-DWL

Lab Name: Alliance Contract: HOME01
Lab Code: ACE Lb No.: lb137883 Lab Sample ID : Q3603-01L SDG No.: Q3603
Matrix (soil/water): Water Level (low/med): LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	24.3	J	250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	20300		20100		1		P
Chromium	9.08		10.6	J	16		P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	26.6	J	250	U	100.0		P
Lead	6.00	U	30.0	U			P
Magnesium	5160		5350		4		P
Manganese	10.4		50.0	U	100.0		P
Mercury	0.20	U	1.00	U			CV
Nickel	2.59	J	100	U	100.0		P
Potassium	1530		5000	U	100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	48000		44500		7		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	20.0	U	100	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
Antimony	206.833	0.0000000	0.0000000	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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	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
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	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	0.0000000	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
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	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: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

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
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	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
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	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
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	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 INTERELEMEN CORRECTION FACTORS

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	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
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	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: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170508							
PB170508BL	PB170508BL	MB	WATER	11/12/2025	50.0	25.0	
PB170508BS	PB170508BS	LCS	WATER	11/12/2025	50.0	25.0	
Q3603-01	SHORT-HILLS-DW	SAM	WATER	11/12/2025	50.0	25.0	
Q3603-01DUP	SHORT-HILLS-DWDUP	DUP	WATER	11/12/2025	50.0	25.0	
Q3603-01MS	SHORT-HILLS-DWMS	MS	WATER	11/12/2025	50.0	25.0	
Q3603-01MSD	SHORT-HILLS-DWMSD	MSD	WATER	11/12/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170687							
PB170687BL	PB170687BL	MB	WATER	11/21/2025	30.0	30.0	
PB170687BS	PB170687BS	LCS	WATER	11/21/2025	30.0	30.0	
Q3603-01	SHORT-HILLS-DW	SAM	WATER	11/21/2025	30.0	30.0	
Q3603-01DUP	SHORT-HILLS-DWDUP	DUP	WATER	11/21/2025	30.0	30.0	
Q3603-01MS	SHORT-HILLS-DWMS	MS	WATER	11/21/2025	30.0	30.0	
Q3603-01MSD	SHORT-HILLS-DWMSD	MSD	WATER	11/21/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Homeowner

Contract: HOME01

Lab code: ACE

Sdg no.: Q3603

Instrument id number: _____

Method: _____

Run number: LB137883

Start date: 11/12/2025

End date: 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1626	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1630	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1642	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1735	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1744	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1748	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA	ICSA	20	1752	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB	ICSAB	20	1757	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1801	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1813	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1904	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170508BL	PB170508BL	1	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170508BS	PB170508BS	1	1951	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3603-01	SHORT-HILLS-DW	1	2000	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3603-01DUP	SHORT-HILLS-DWDUP	1	2004	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3603-01L	SHORT-HILLS-DWL	5	2008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3603-01MS	SHORT-HILLS-DWMS	1	2012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3603-01MSD	SHORT-HILLS-DWMSD	1	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	2029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	2146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	2207	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Homeowner

Contract: HOME01

Lab code: ACE

Sdg no.: Q3603

Instrument id number: _____

Method: _____

Run number: LB138004

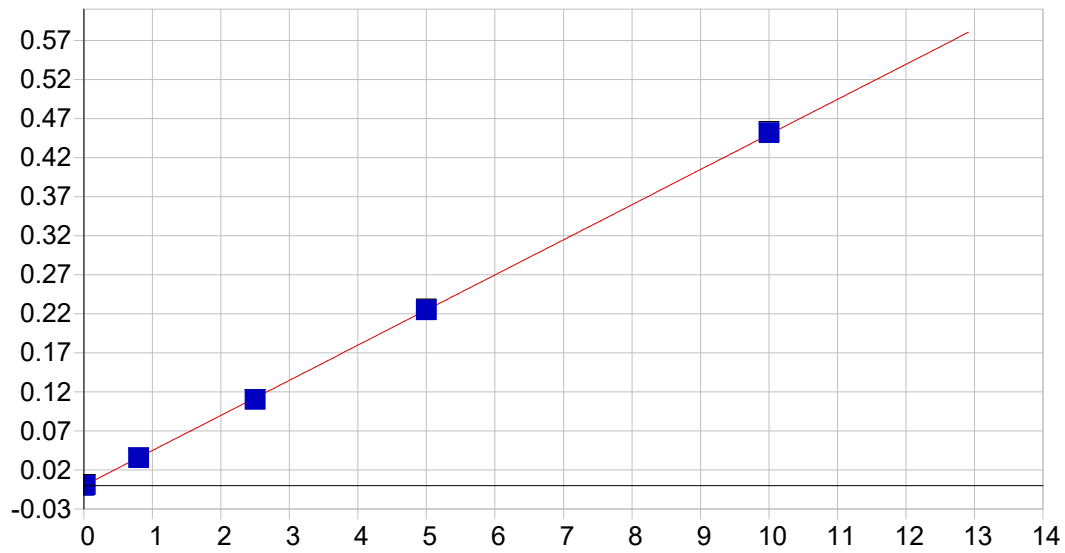
Start date: 11/21/2025

End date: 11/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1157	HG
S0.05	S0.05	1	1200	HG
S0.2	S0.2	1	1202	HG
S2.5	S2.5	1	1204	HG
S5	S5	1	1207	HG
S7.5	S7.5	1	1209	HG
S10	S10	1	1224	HG
ICV124	ICV124	1	1229	HG
ICB124	ICB124	1	1232	HG
CCV22	CCV22	1	1234	HG
CCB22	CCB22	1	1236	HG
CRA	CRA	1	1239	HG
PB170687BL	PB170687BL	1	1246	HG
PB170687BS	PB170687BS	1	1248	HG
Q3603-01	SHORT-HILLS-DW	1	1250	HG
Q3603-01DUP	SHORT-HILLS-DWDUP	1	1252	HG
Q3603-01MS	SHORT-HILLS-DWMS	1	1255	HG
Q3603-01MSD	SHORT-HILLS-DWMSD	1	1257	HG
CCV23	CCV23	1	1301	HG
CCB23	CCB23	1	1304	HG
Q3603-01L	SHORT-HILLS-DWL	5	1306	HG
CCV24	CCV24	1	1313	HG
CCB24	CCB24	1	1316	HG



METAL RAW DATA

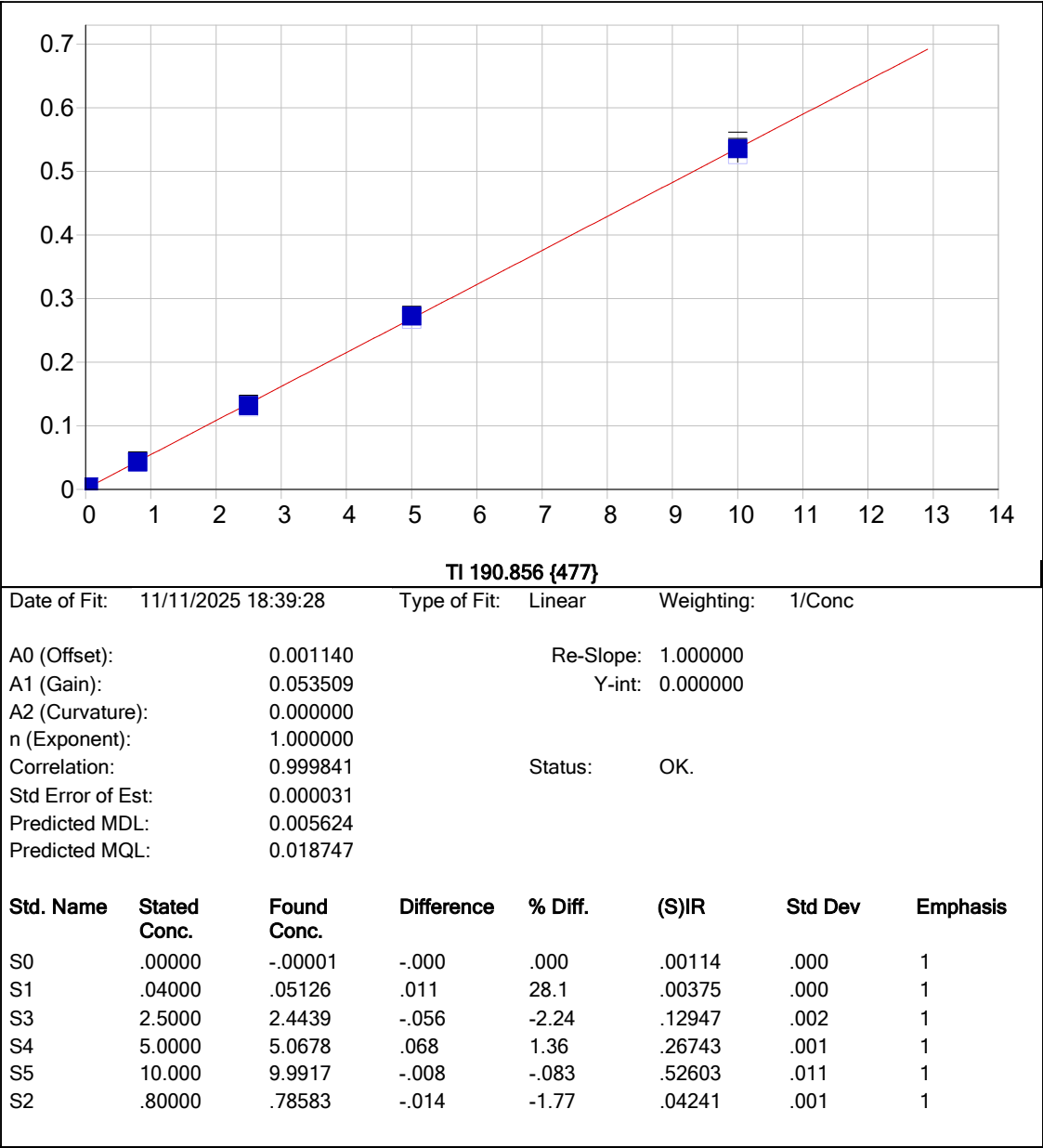


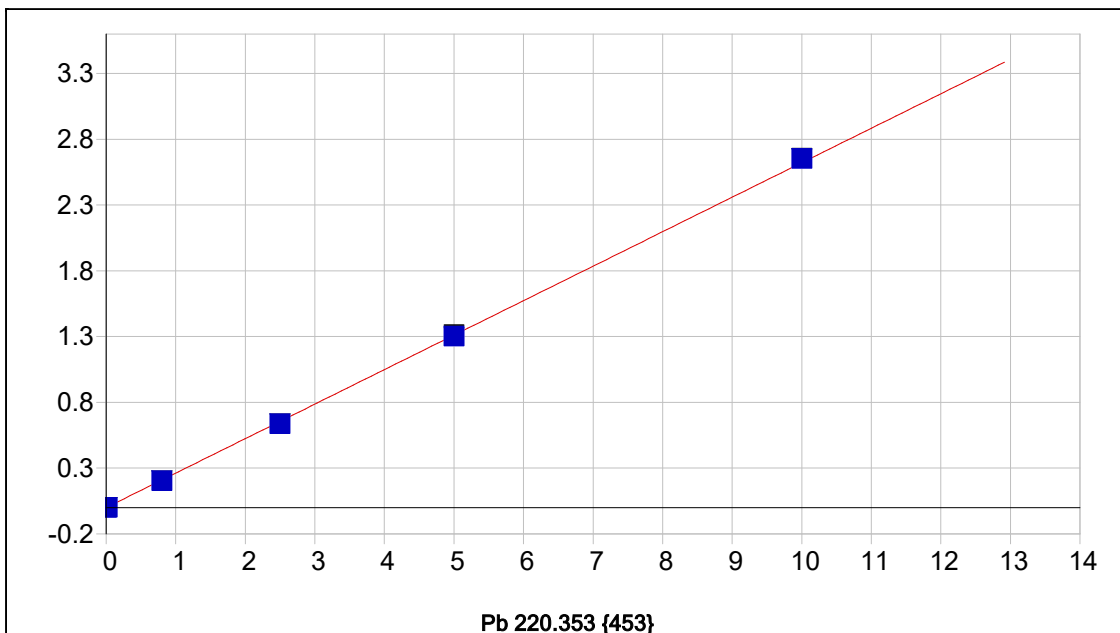
As 189.042 {479}

Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

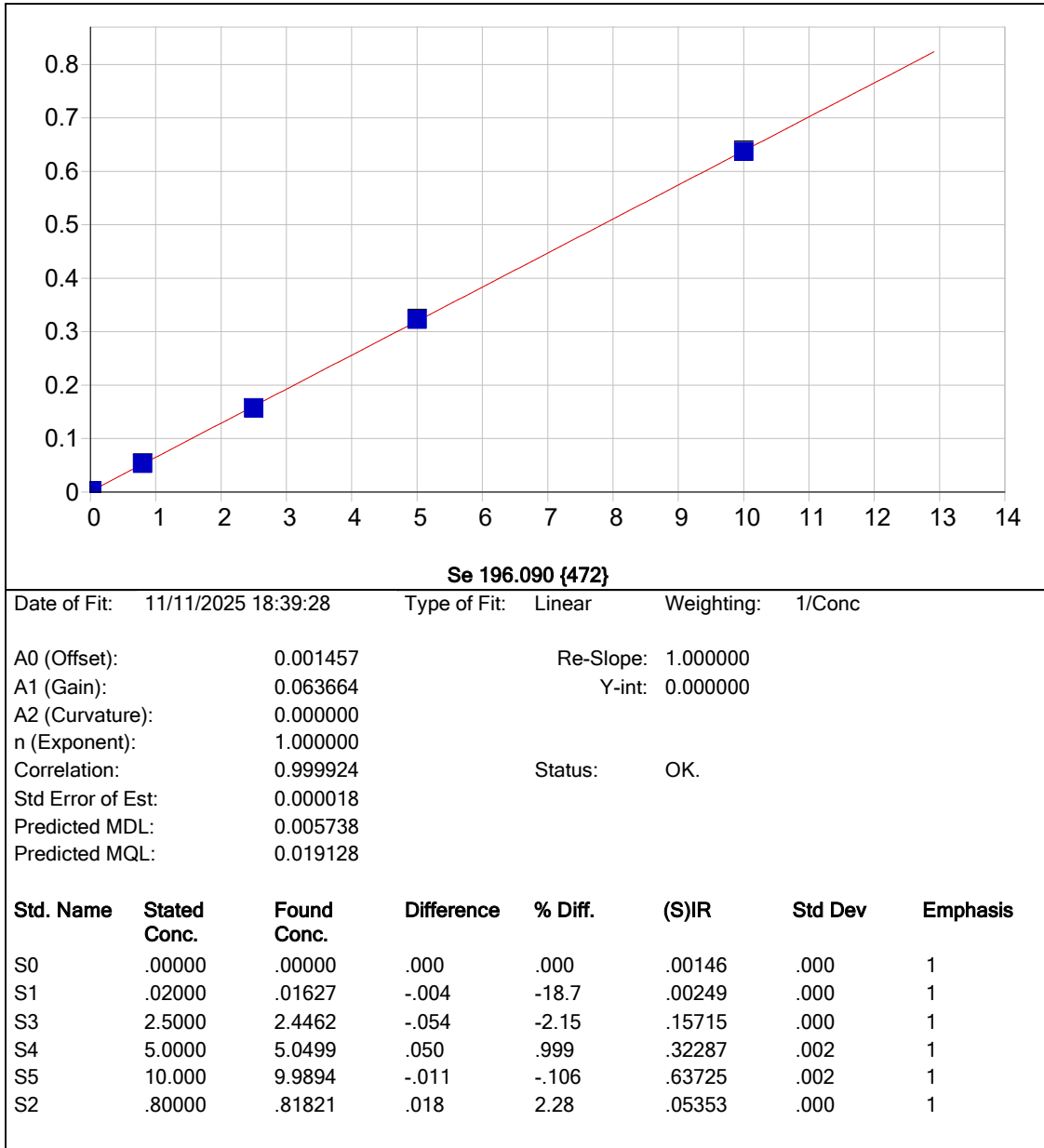
A0 (Offset): -0.000057 Re-Slope: 1.000000
A1 (Gain): 0.044958 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999960 Status: OK.
Std Error of Est: 0.000009
Predicted MDL: 0.005683
Predicted MQL: 0.018945

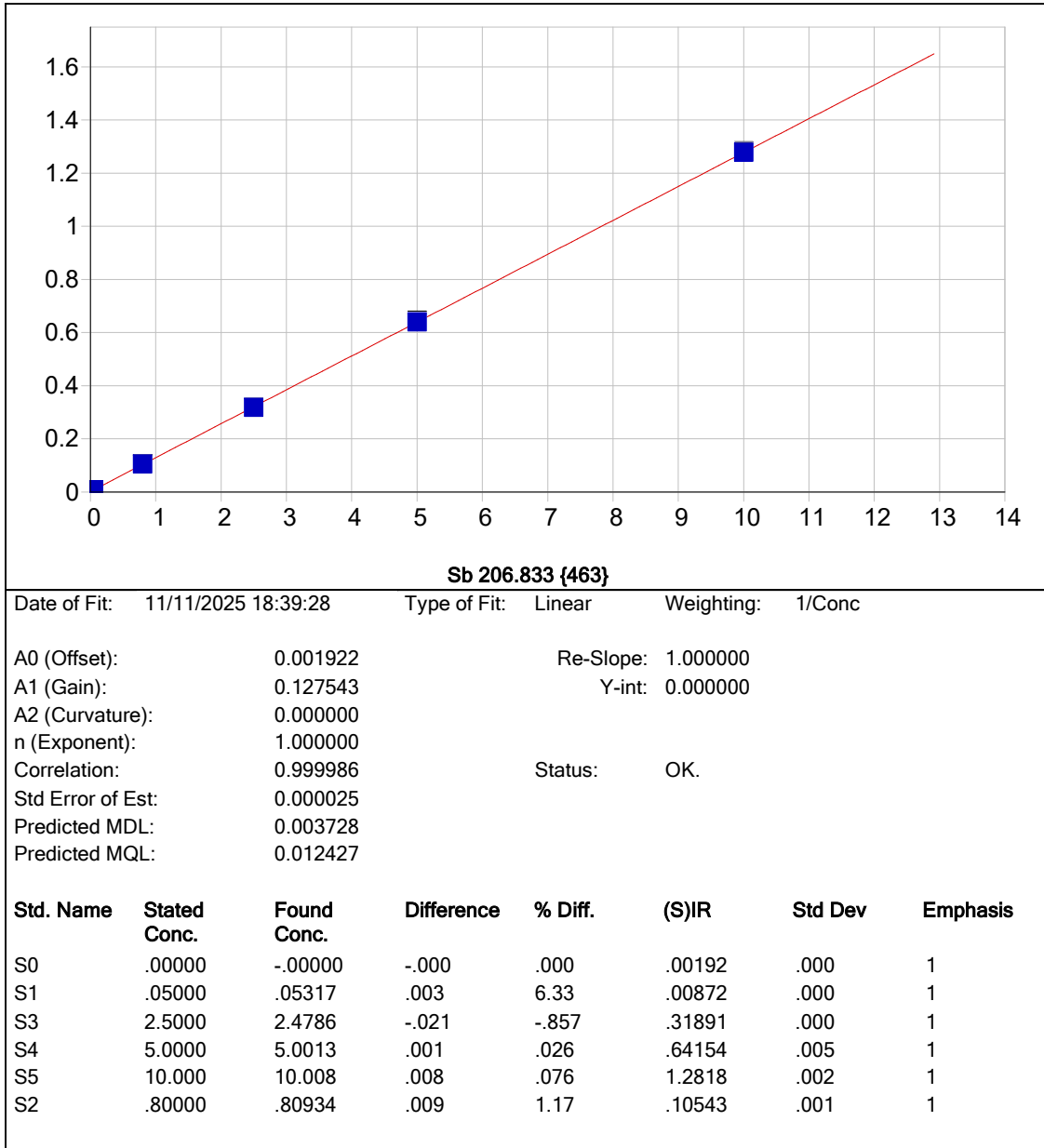
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02049	.000	2.45	.00086	.000	1
S3	2.5000	2.4475	-.053	-2.10	.10986	.000	1
S4	5.0000	5.0021	.002	.042	.22460	.001	1
S5	10.000	10.056	.056	.555	.45156	.002	1
S2	.80000	.79443	-.006	-.697	.03562	.000	1

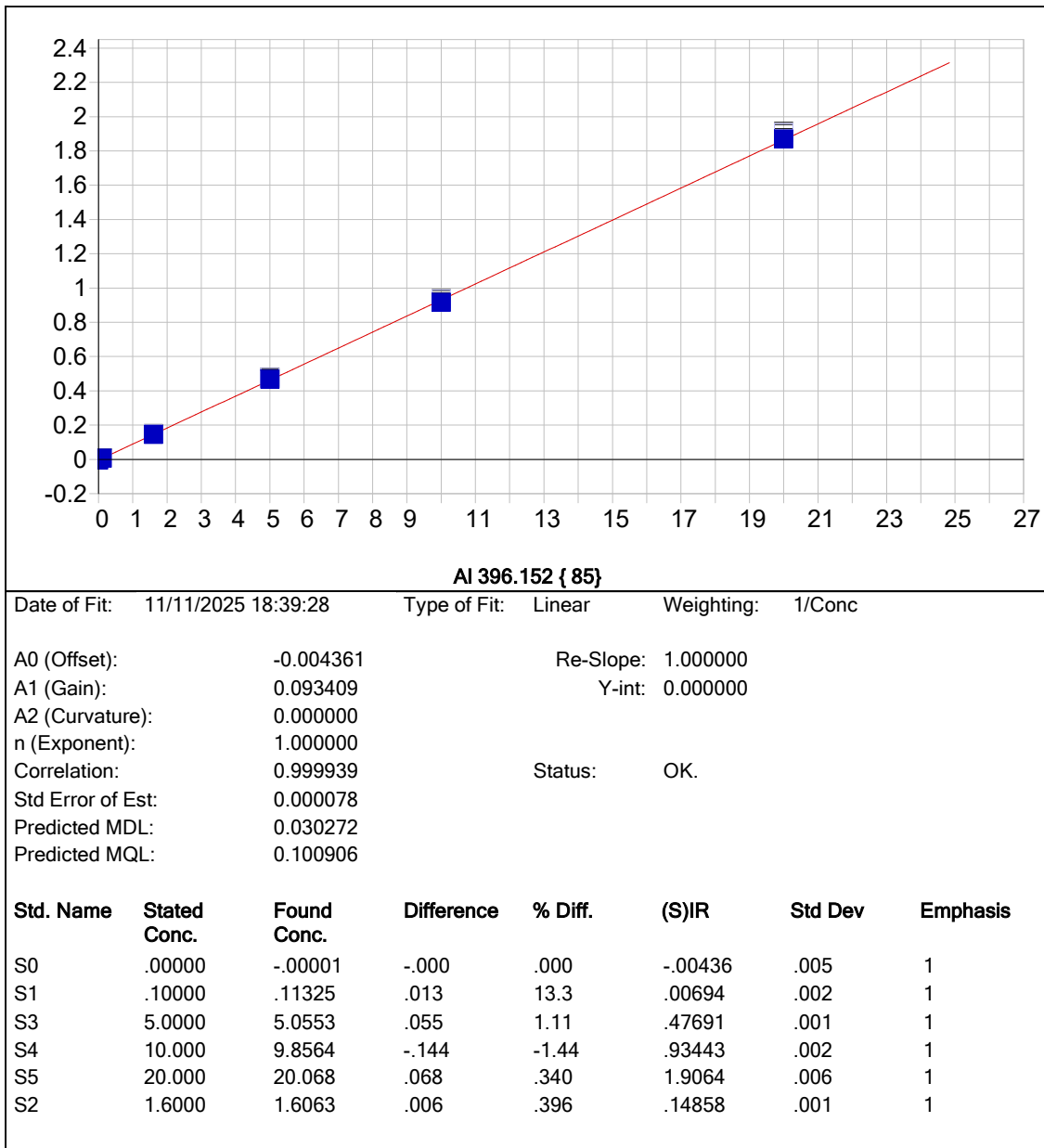


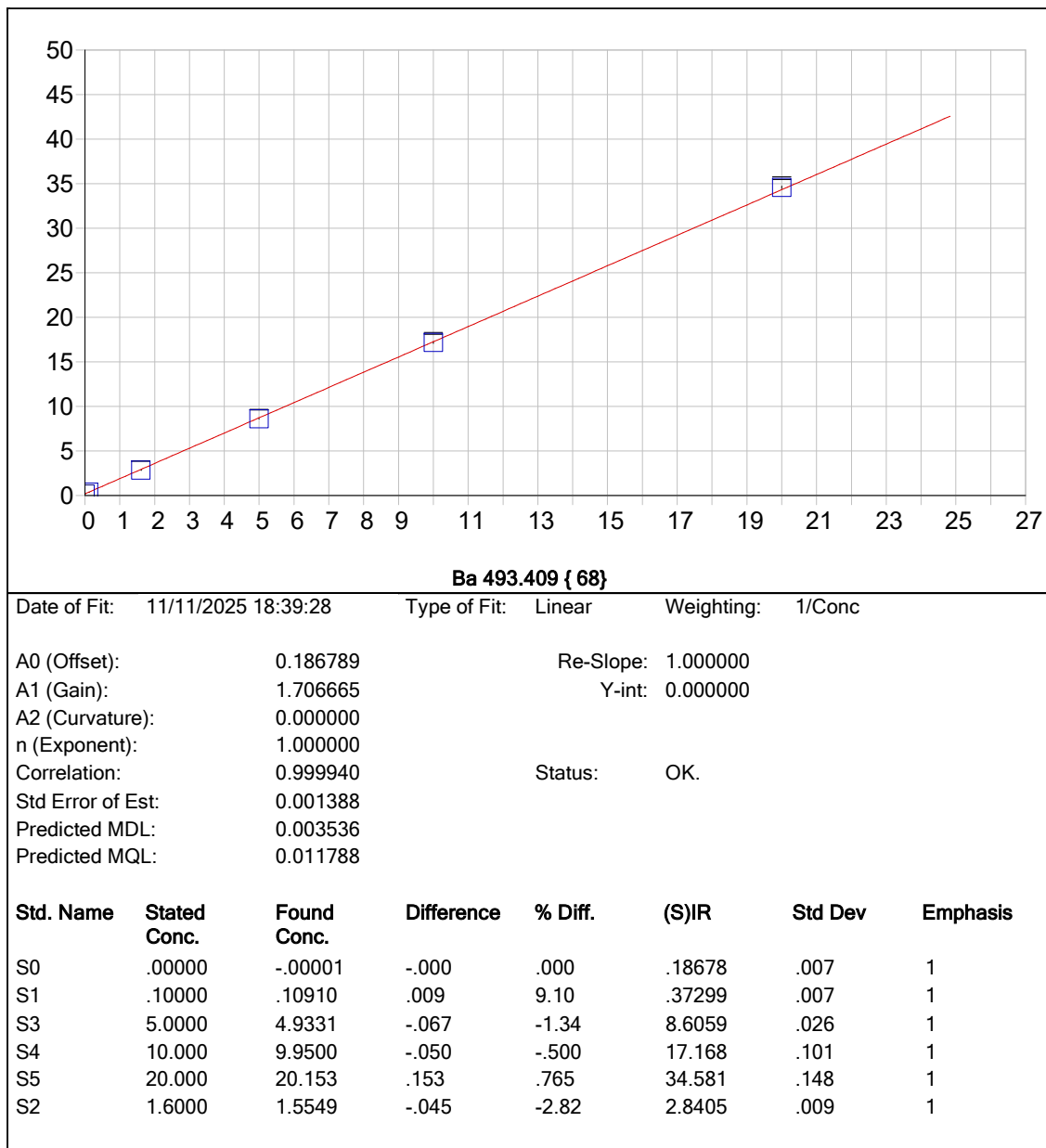


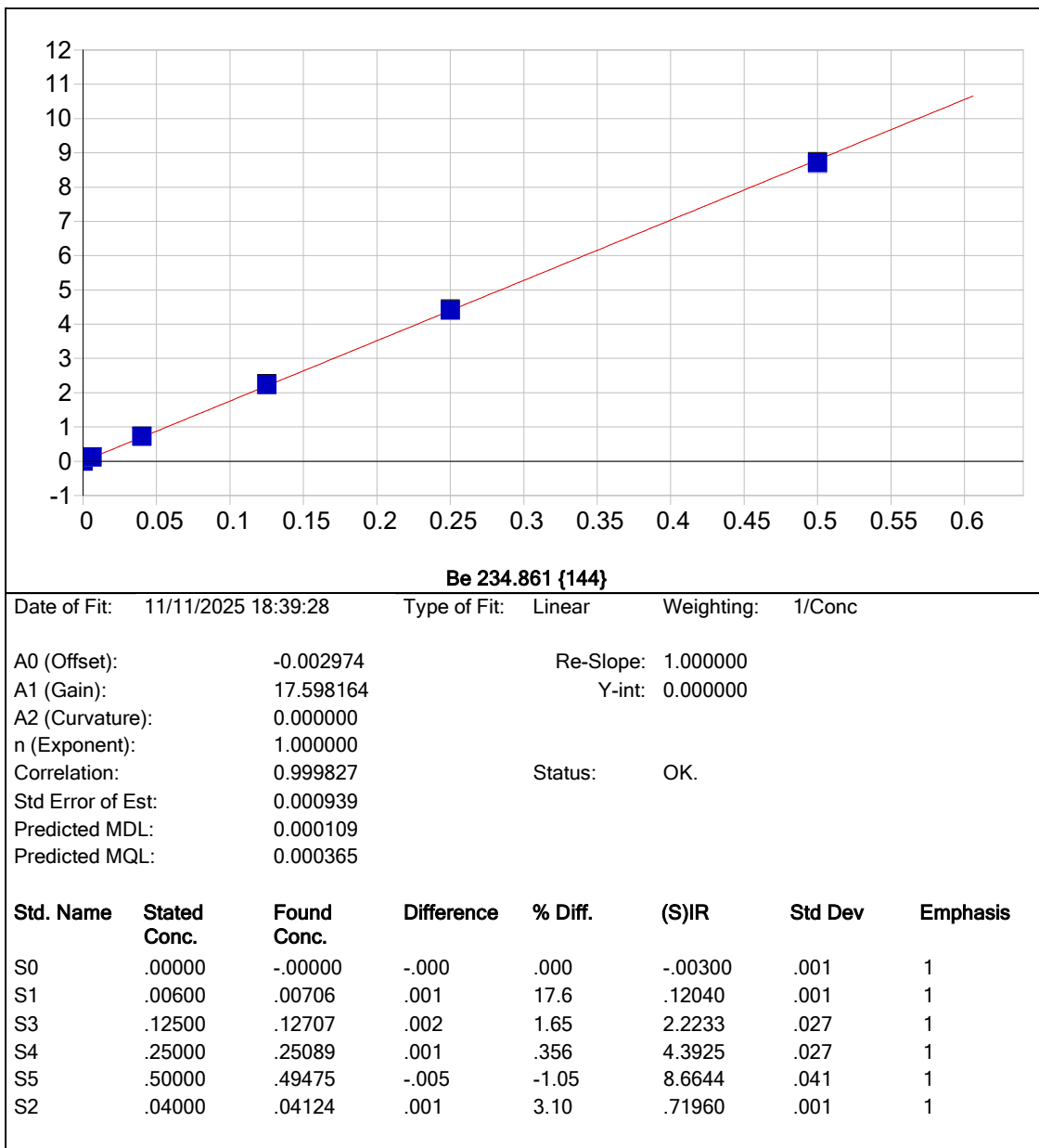
Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000223		Re-Slope:	1.000000			
A1 (Gain):	0.262158		Y-int:	0.000000			
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999883		Status:	OK.			
Std Error of Est:	0.000073						
Predicted MDL:	0.002208						
Predicted MQL:	0.007360						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01200	.01076	-.001	-10.4	.00298	.000	1
S3	2.5000	2.4307	-.069	-2.77	.63673	.001	1
S4	5.0000	4.9700	-.030	-.601	1.3017	.010	1
S5	10.000	10.122	.122	1.22	2.6508	.003	1
S2	.80000	.77895	-.021	-2.63	.20420	.001	1

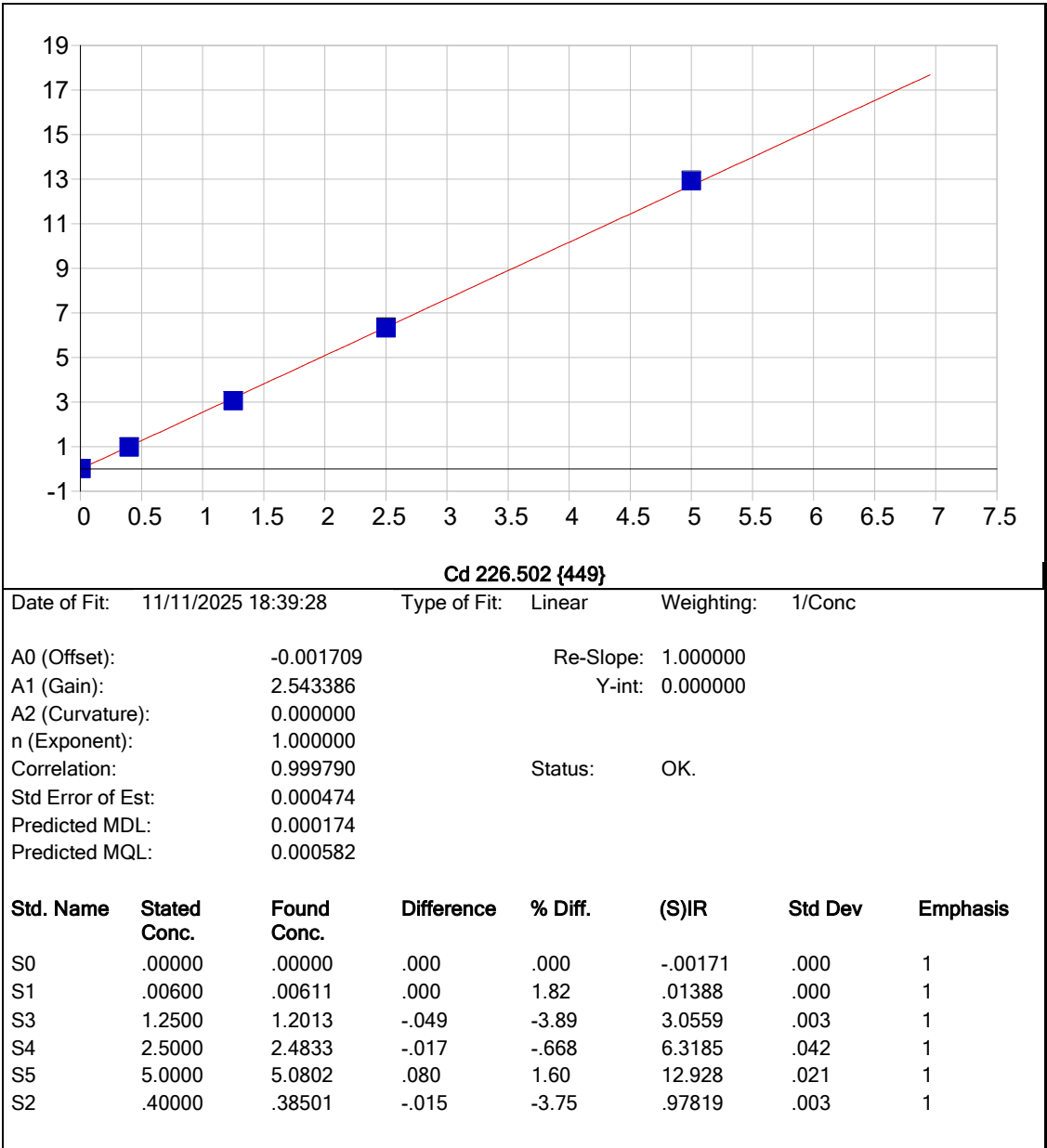


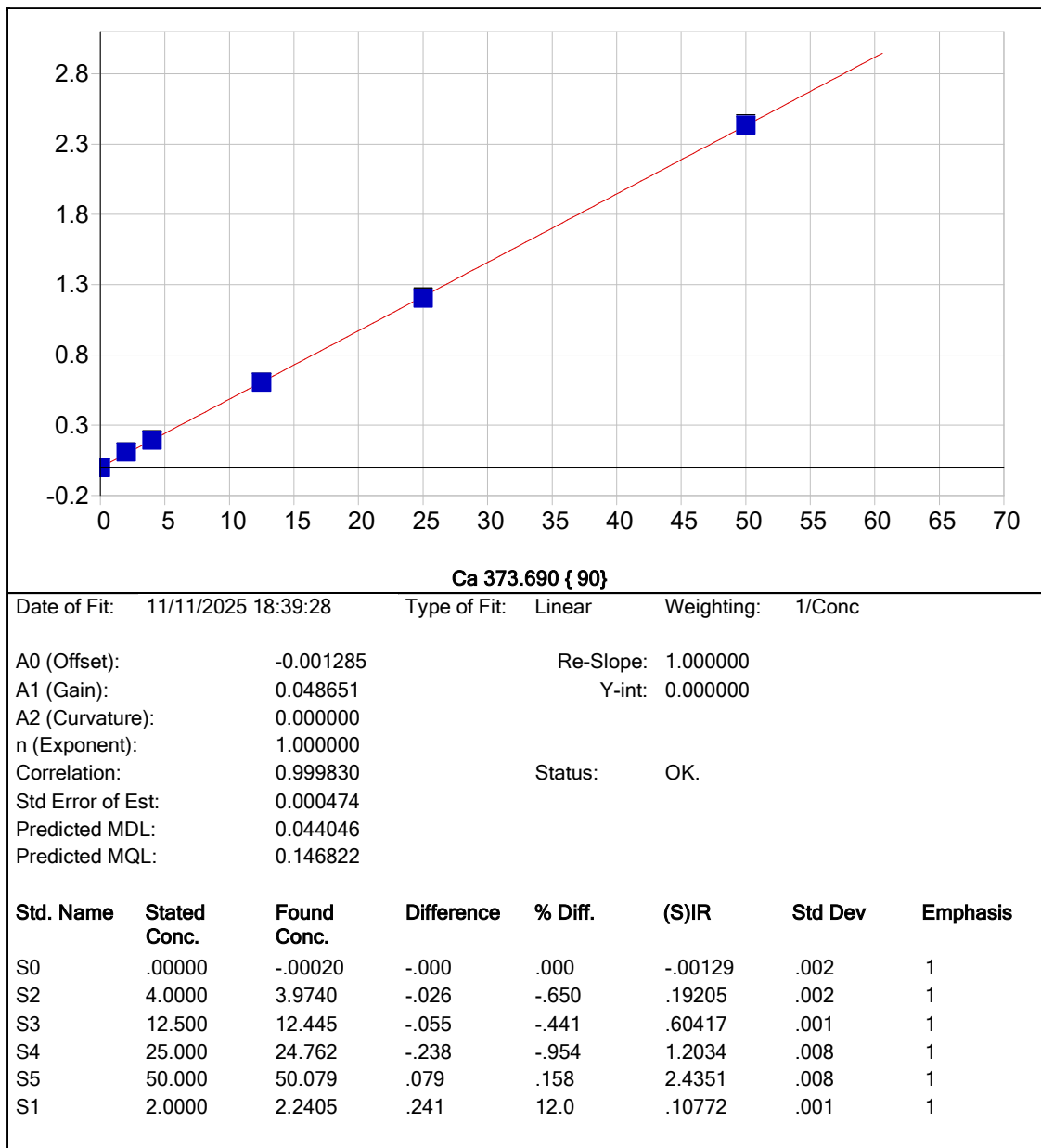


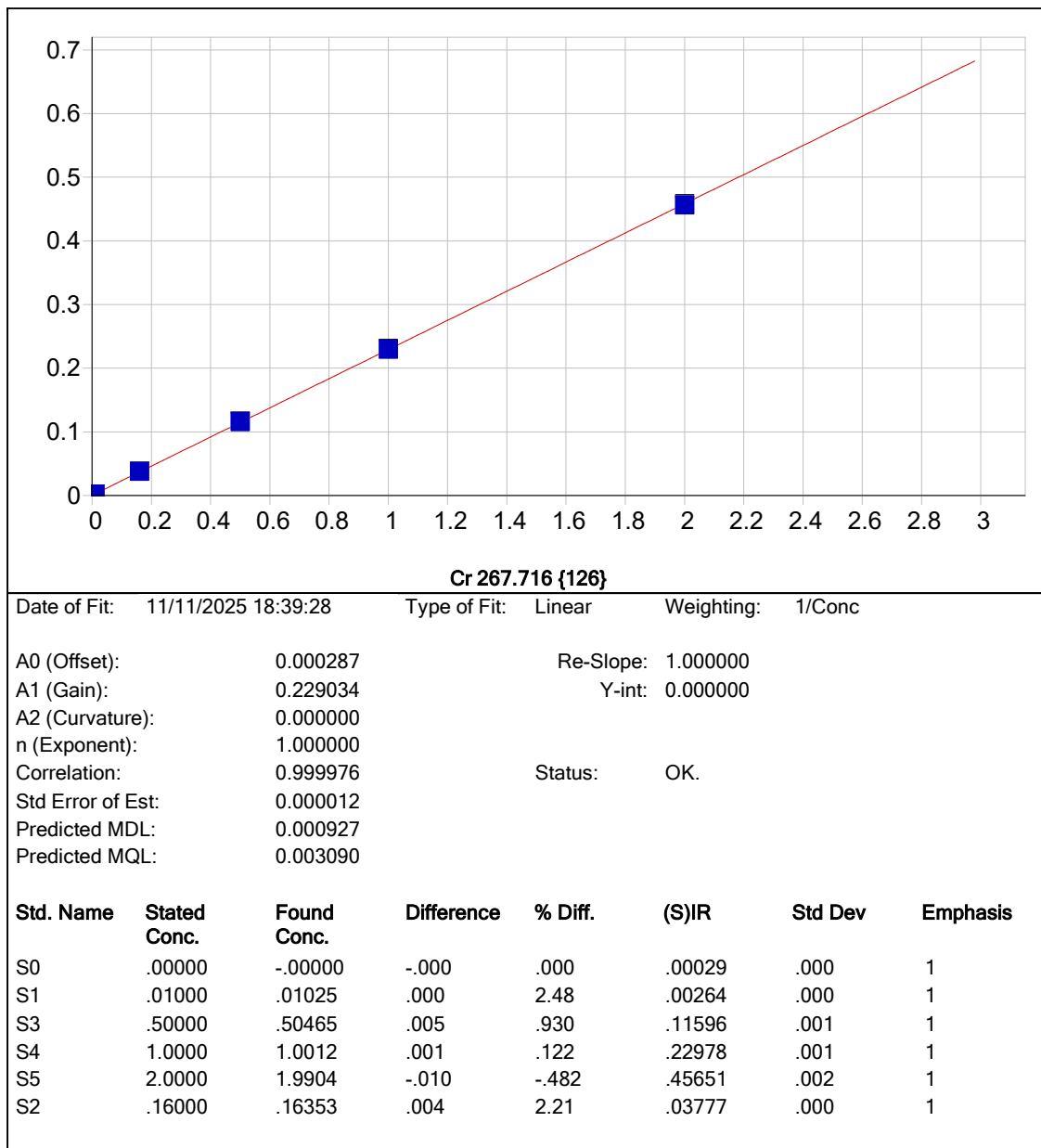


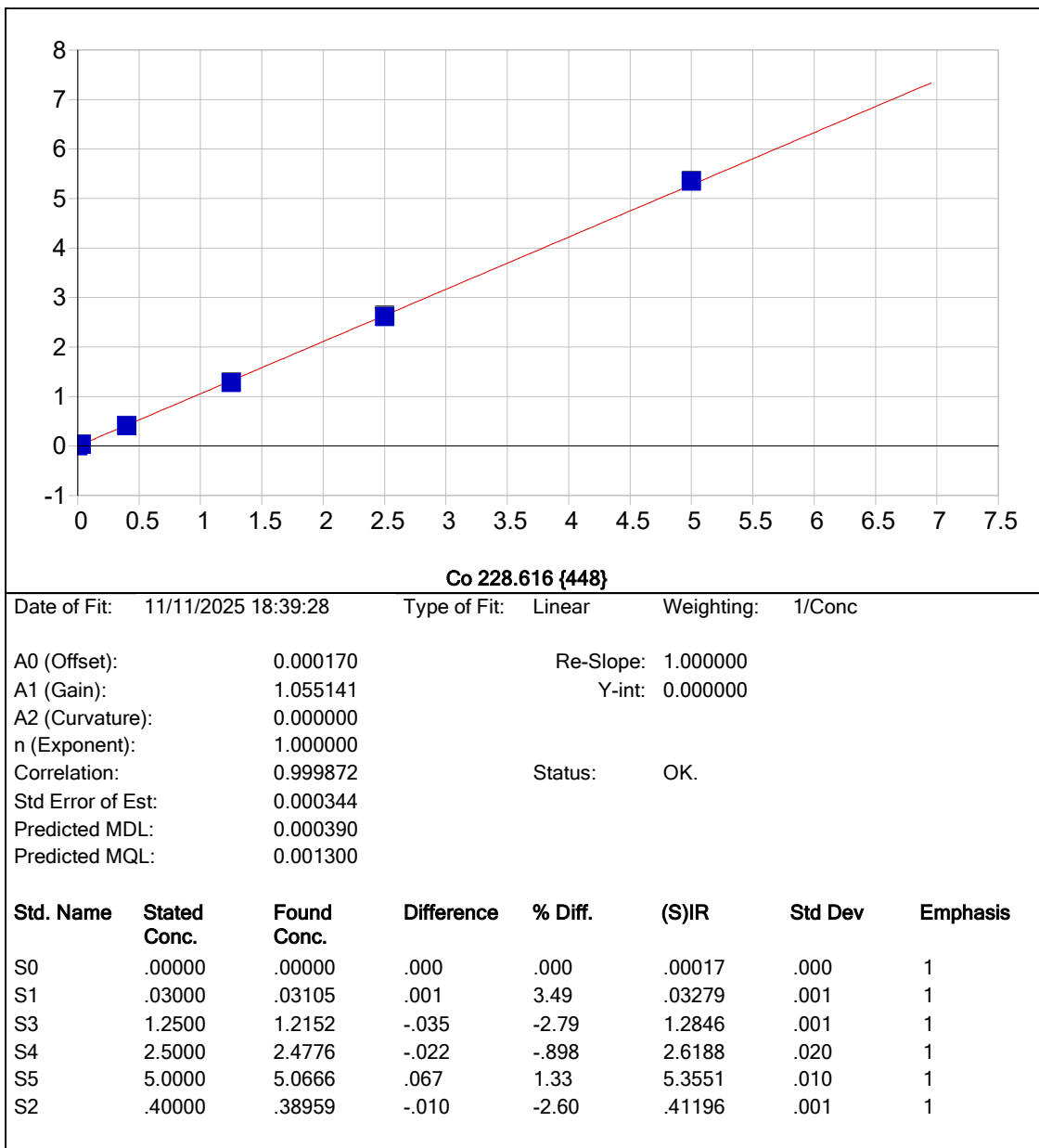


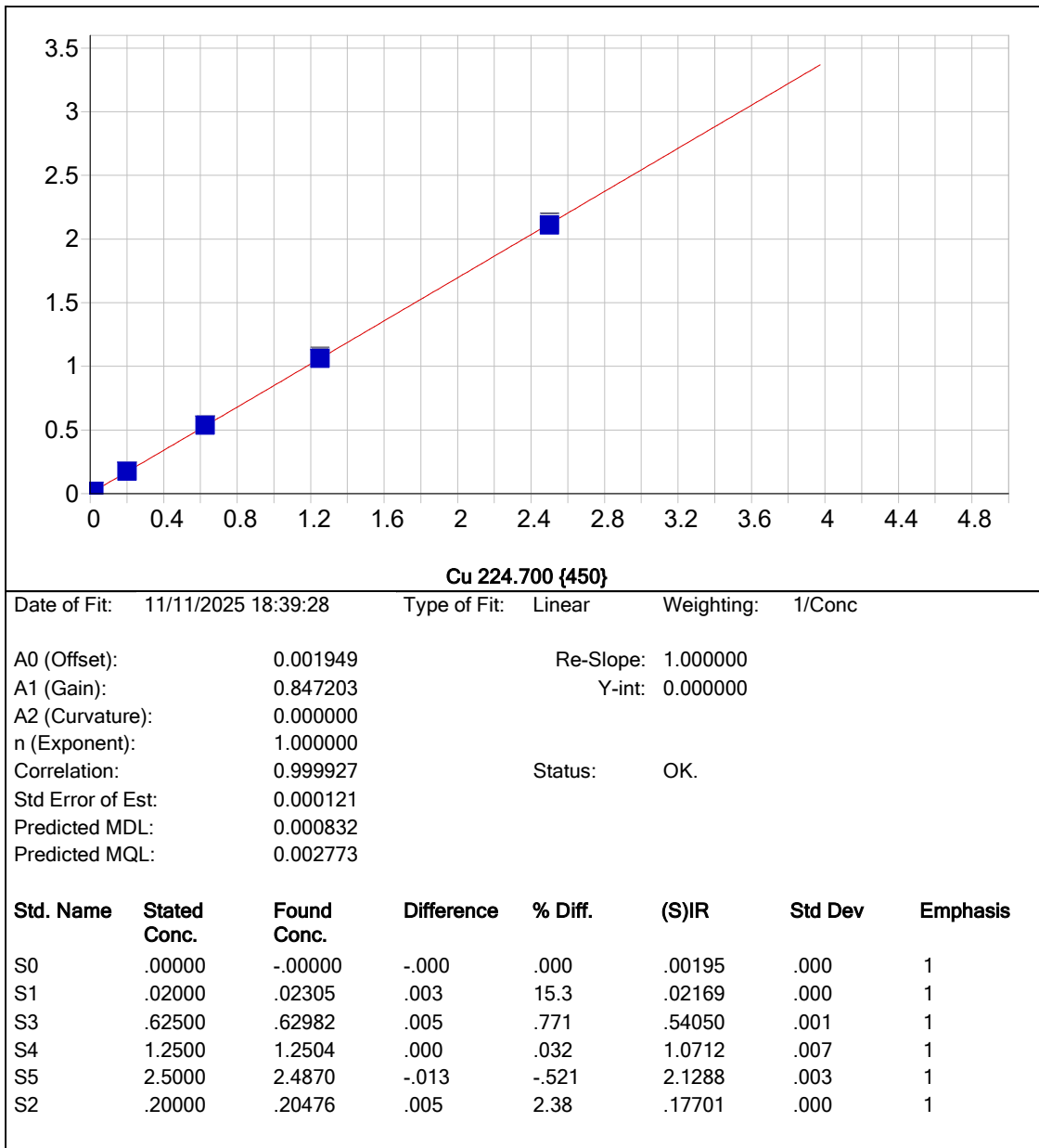


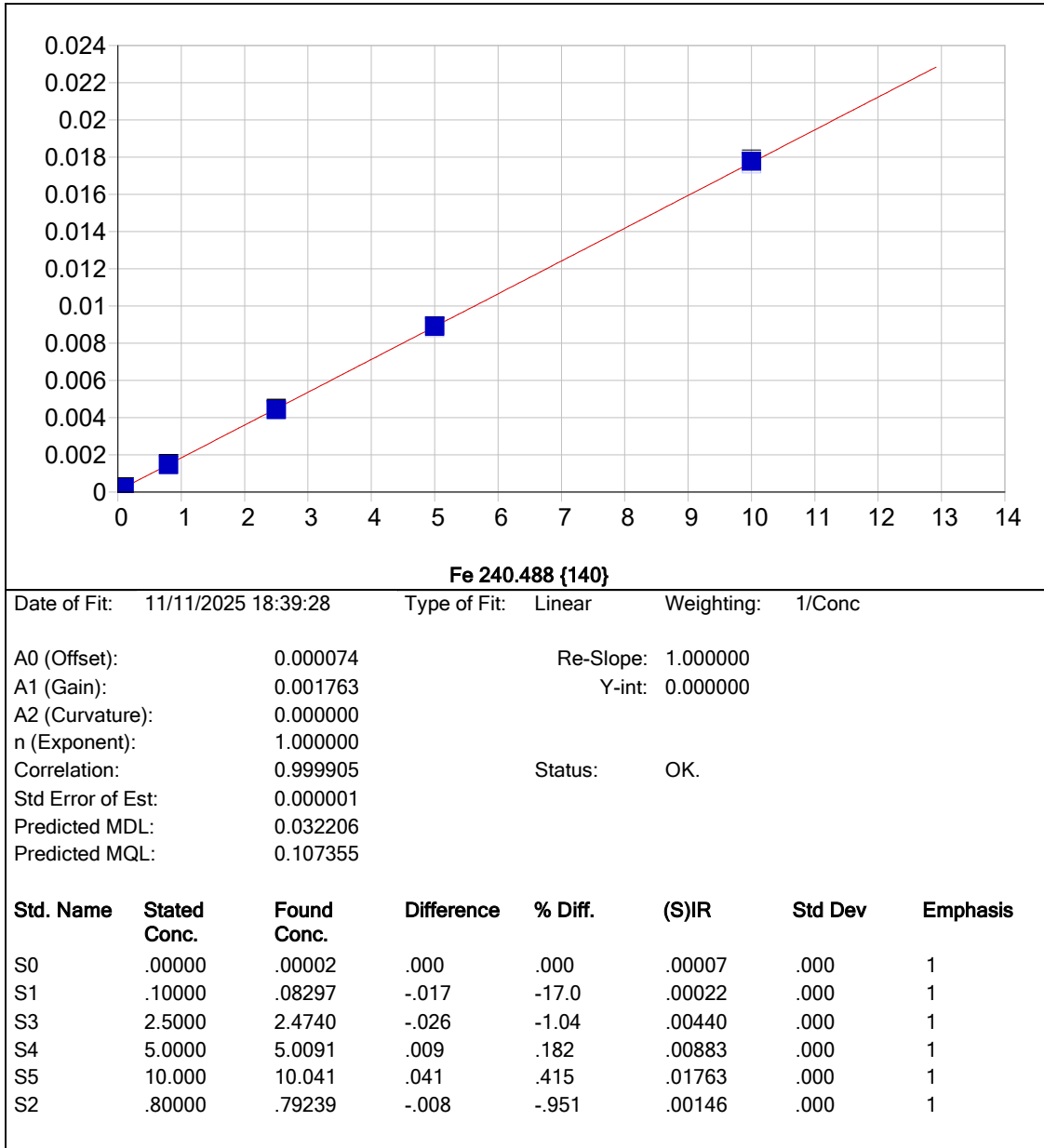


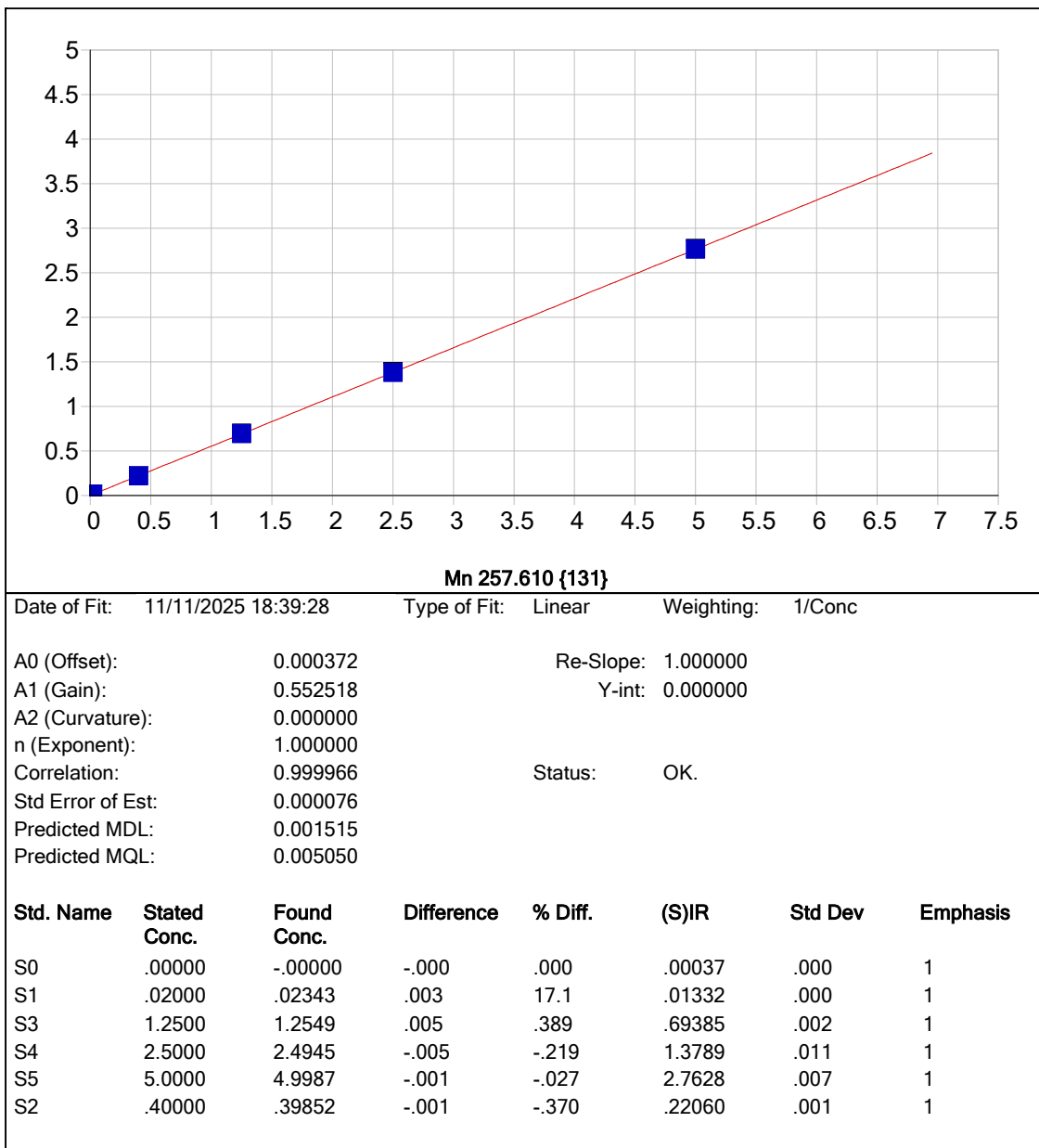


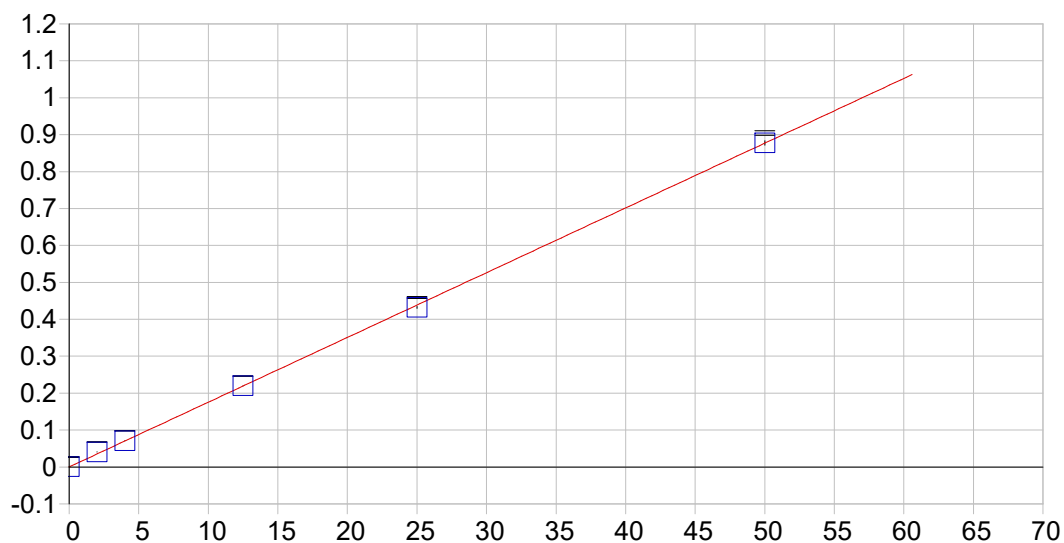










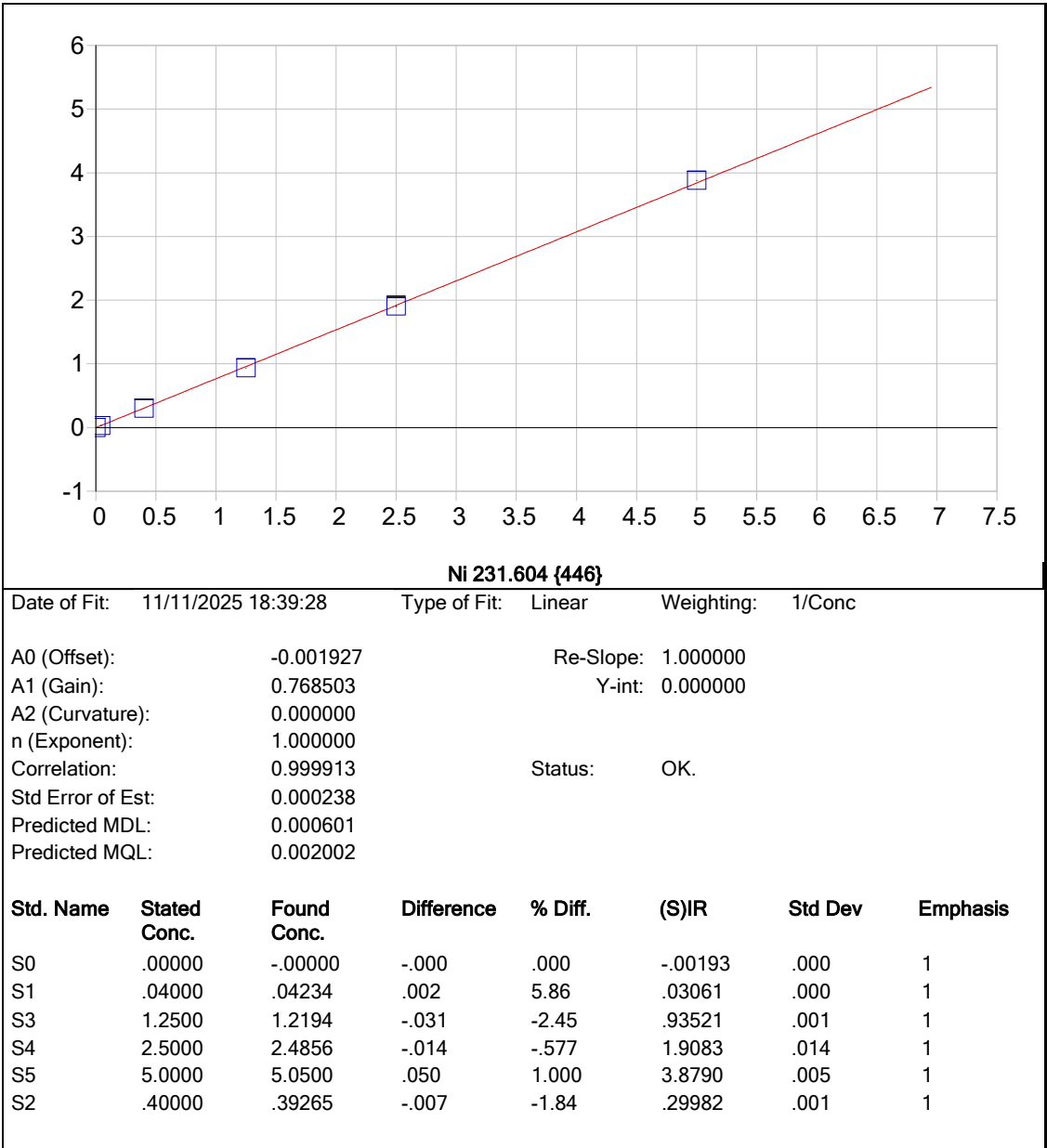


Mg 279.079 {121}

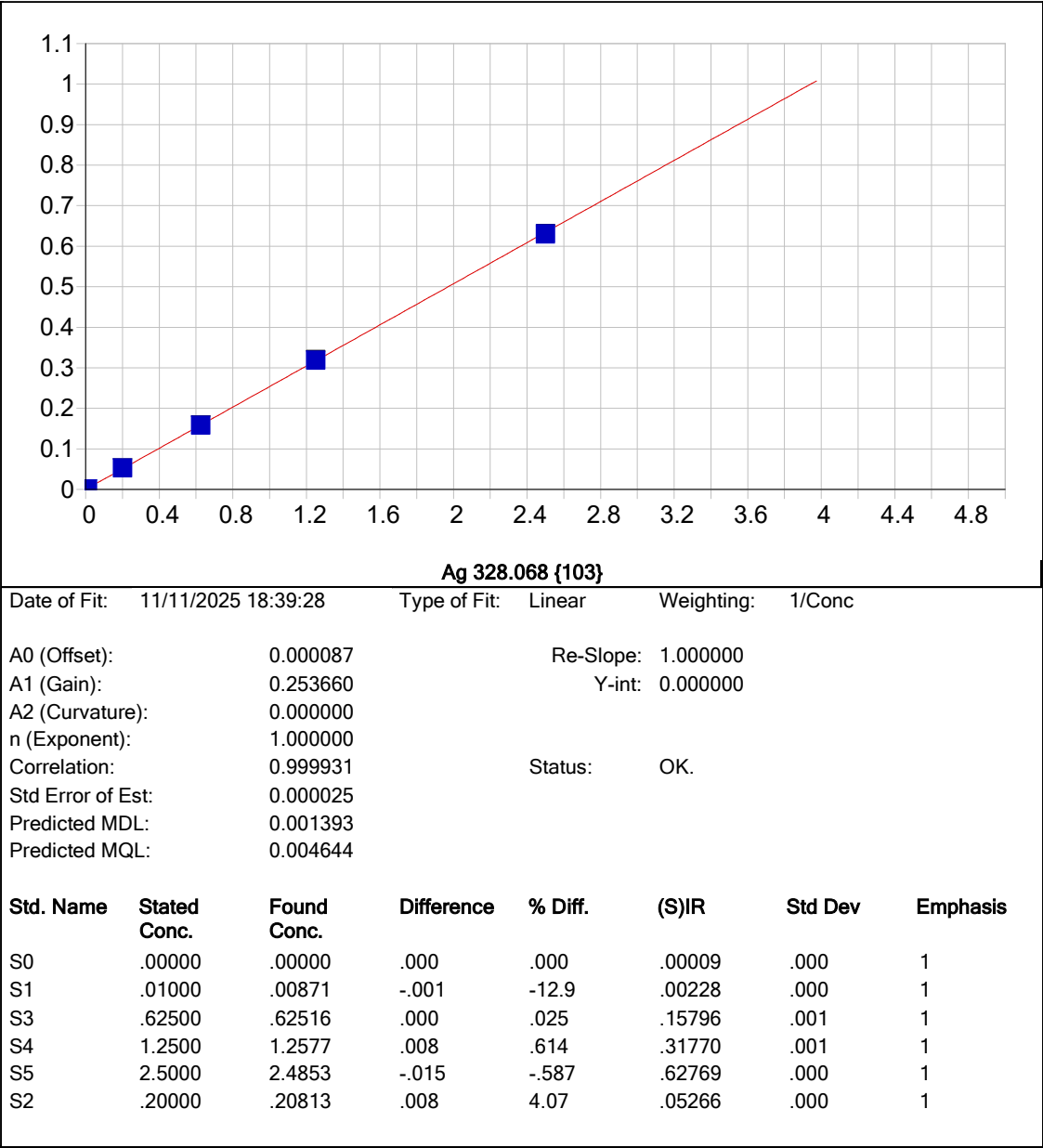
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

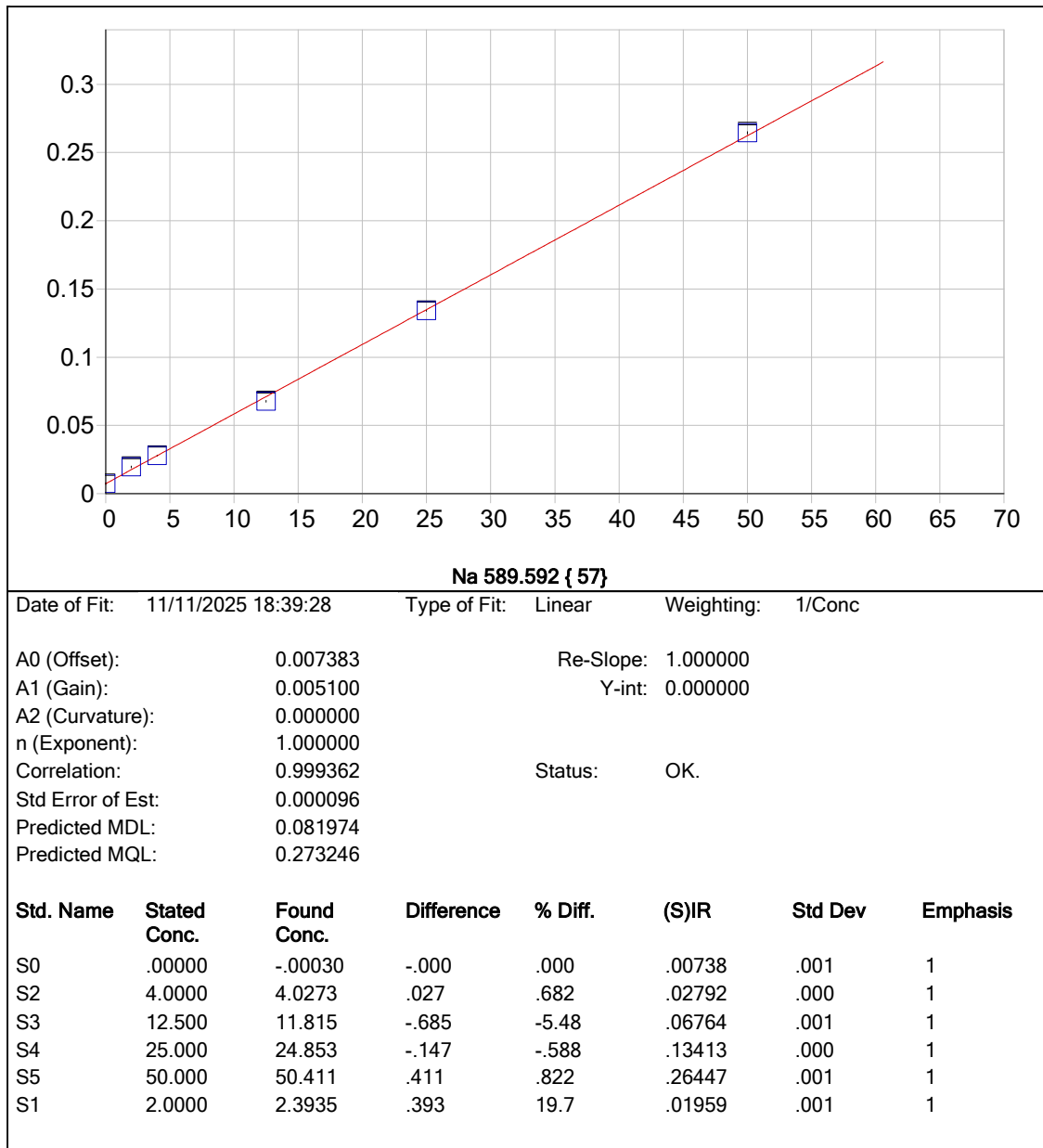
A0 (Offset): 0.000146 Re-Slope: 1.000000
A1 (Gain): 0.017536 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999728 Status: OK.
Std Error of Est: 0.000216
Predicted MDL: 0.062614
Predicted MQL: 0.208714

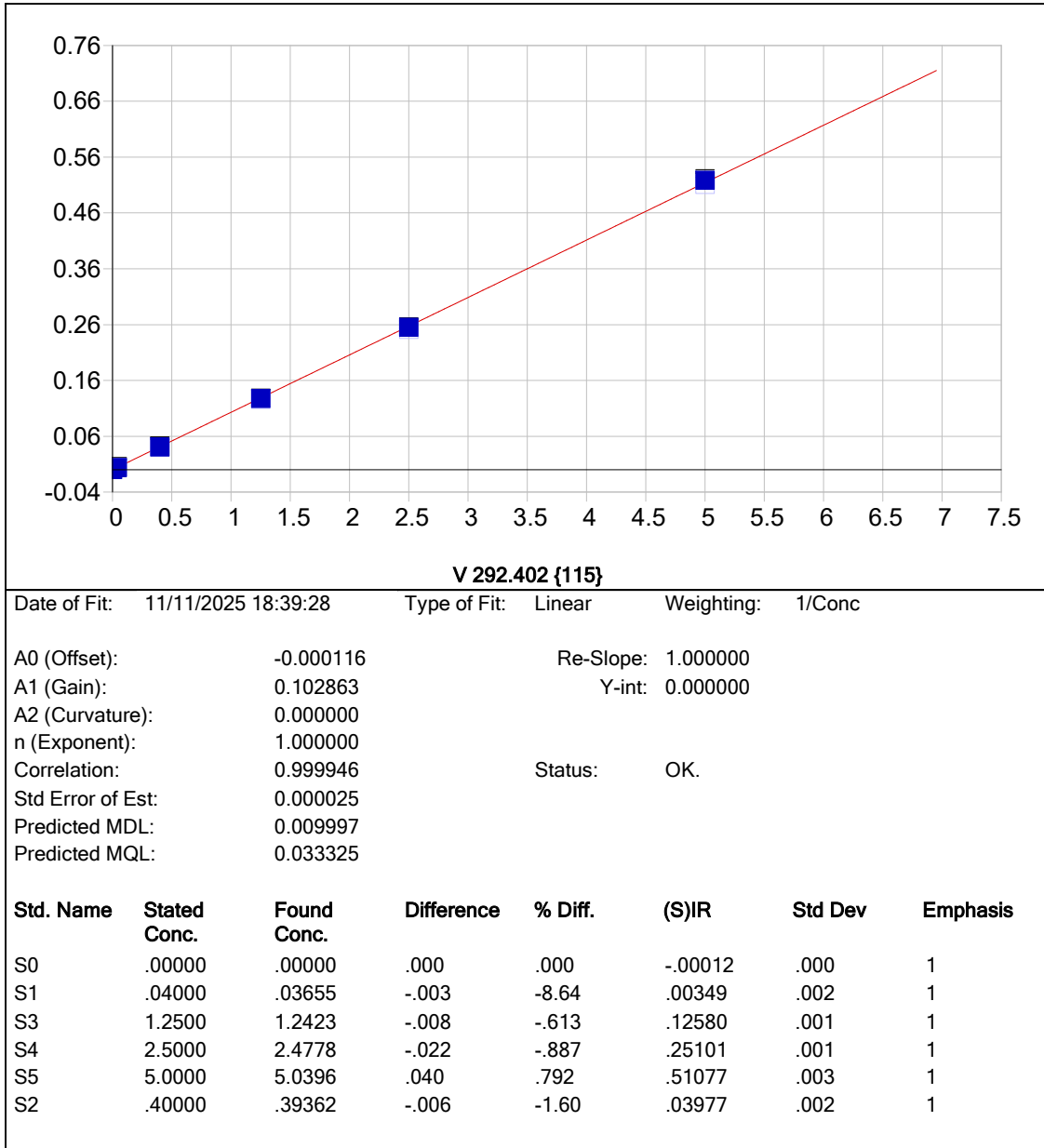
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	.00014	.001	1
S2	4.0000	4.0350	.035	.876	.07091	.000	1
S3	12.500	12.509	.009	.071	.21951	.001	1
S4	25.000	24.616	-.384	-1.54	.43182	.003	1
S5	50.000	50.041	.041	.083	.87769	.006	1
S1	2.0000	2.2987	.299	14.9	.04046	.000	1

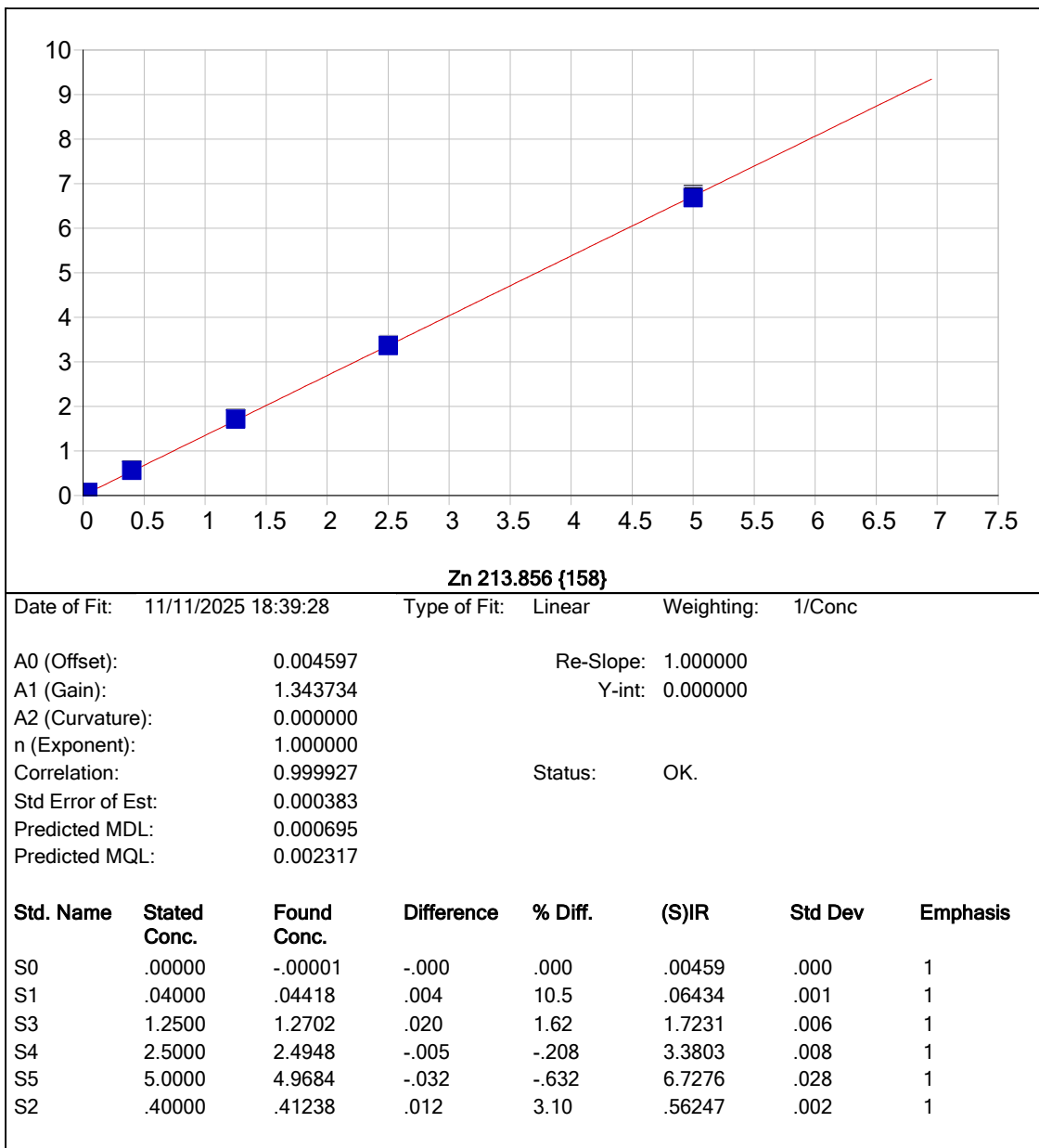


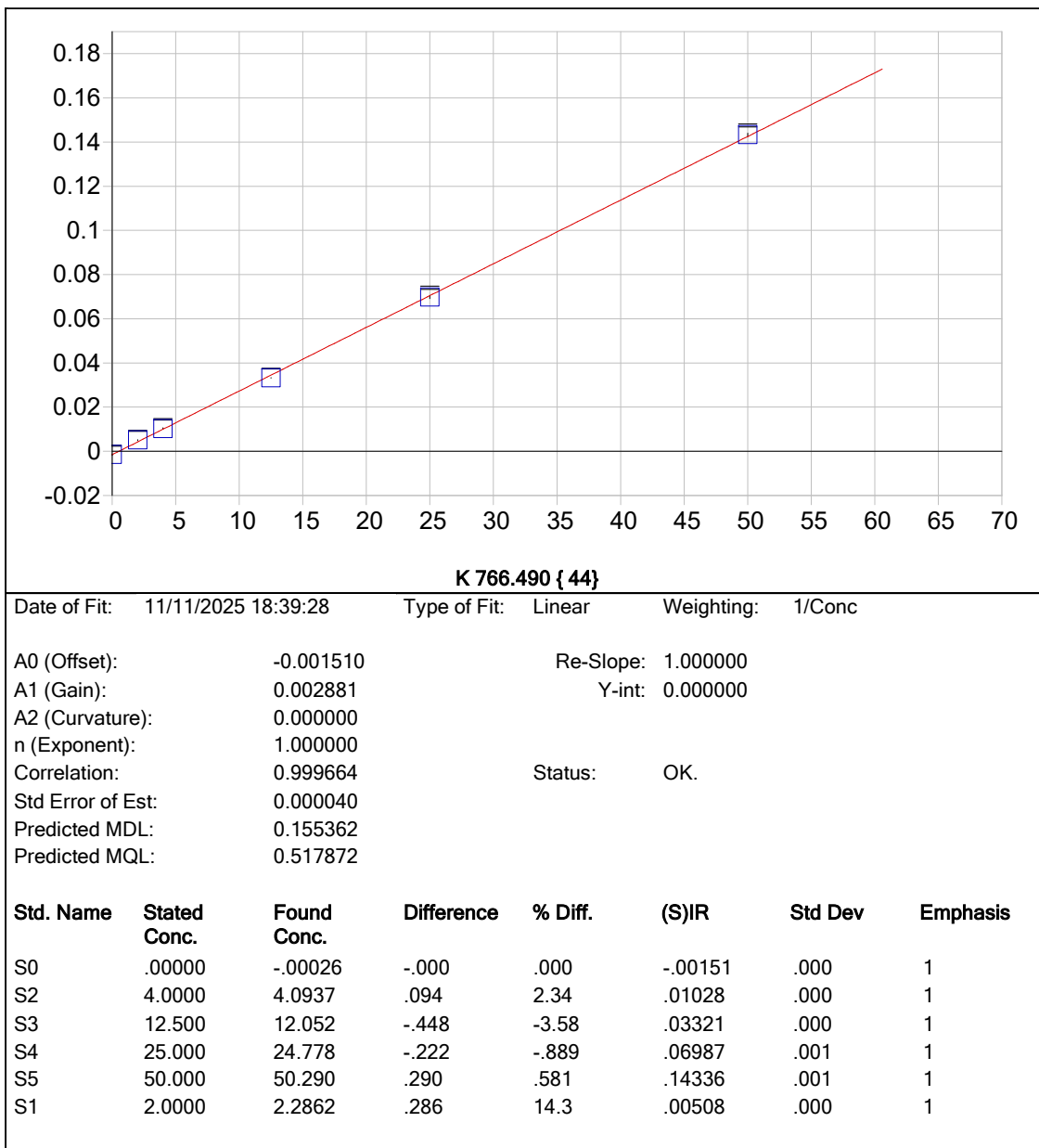
Date of Fit:	11/11/2025 18:39:28		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-0.001927			Re-Slope:	1.000000		
A1 (Gain):	0.768503			Y-int:	0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999913			Status:	OK.		
Std Error of Est:	0.000238						
Predicted MDL:	0.000601						
Predicted MQL:	0.002002						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00193	.000	1
S1	.04000	.04234	.002	5.86	.03061	.000	1
S3	1.2500	1.2194	-.031	-2.45	.93521	.001	1
S4	2.5000	2.4856	-.014	-.577	1.9083	.014	1
S5	5.0000	5.0500	.050	1.000	3.8790	.005	1
S2	.40000	.39265	-.007	-1.84	.29982	.001	1

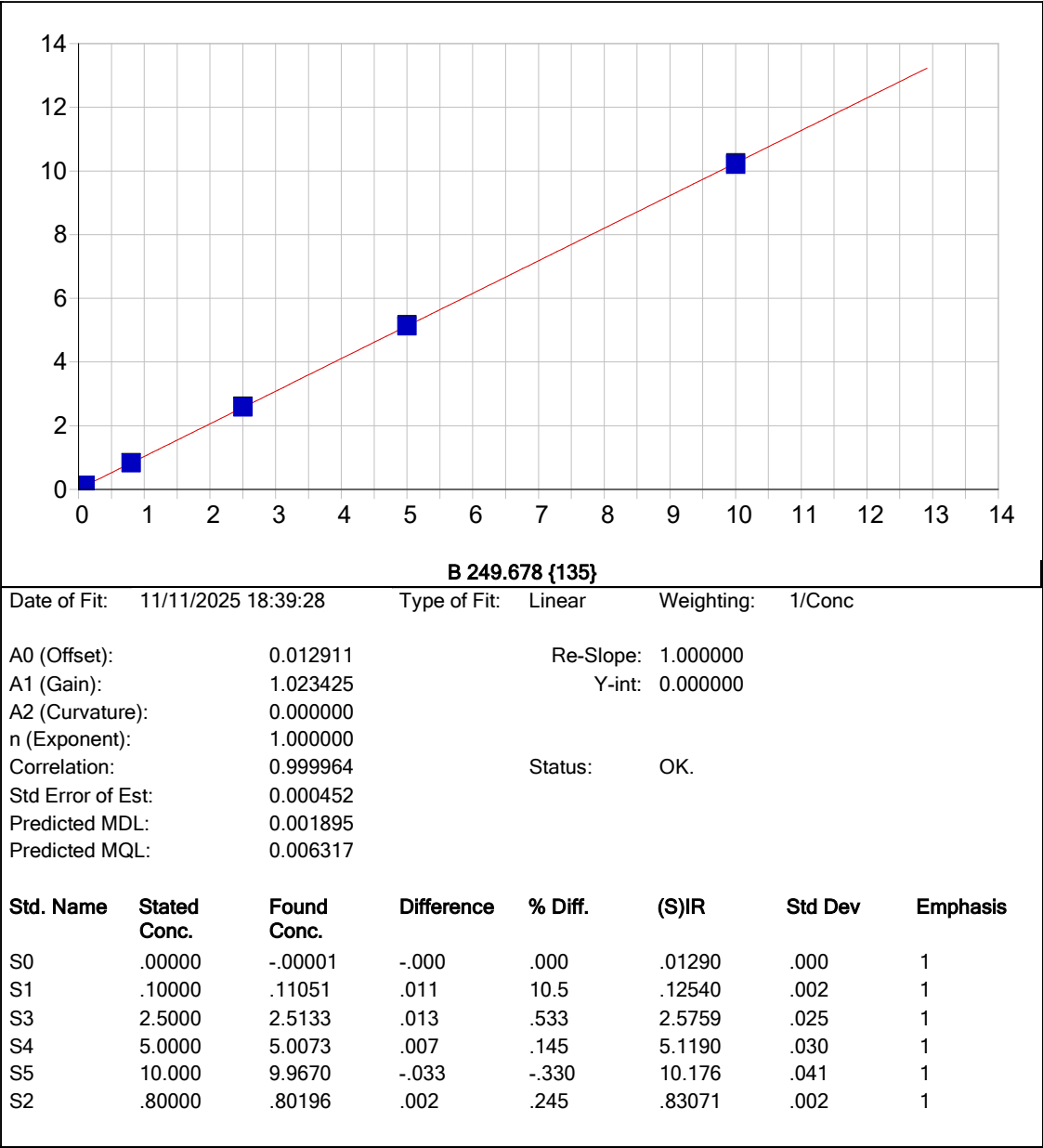


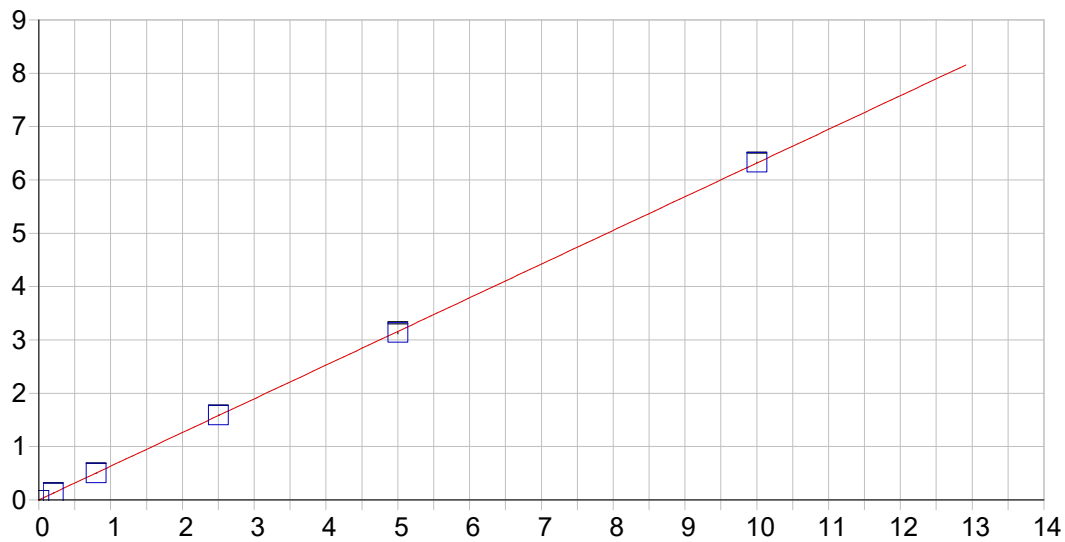










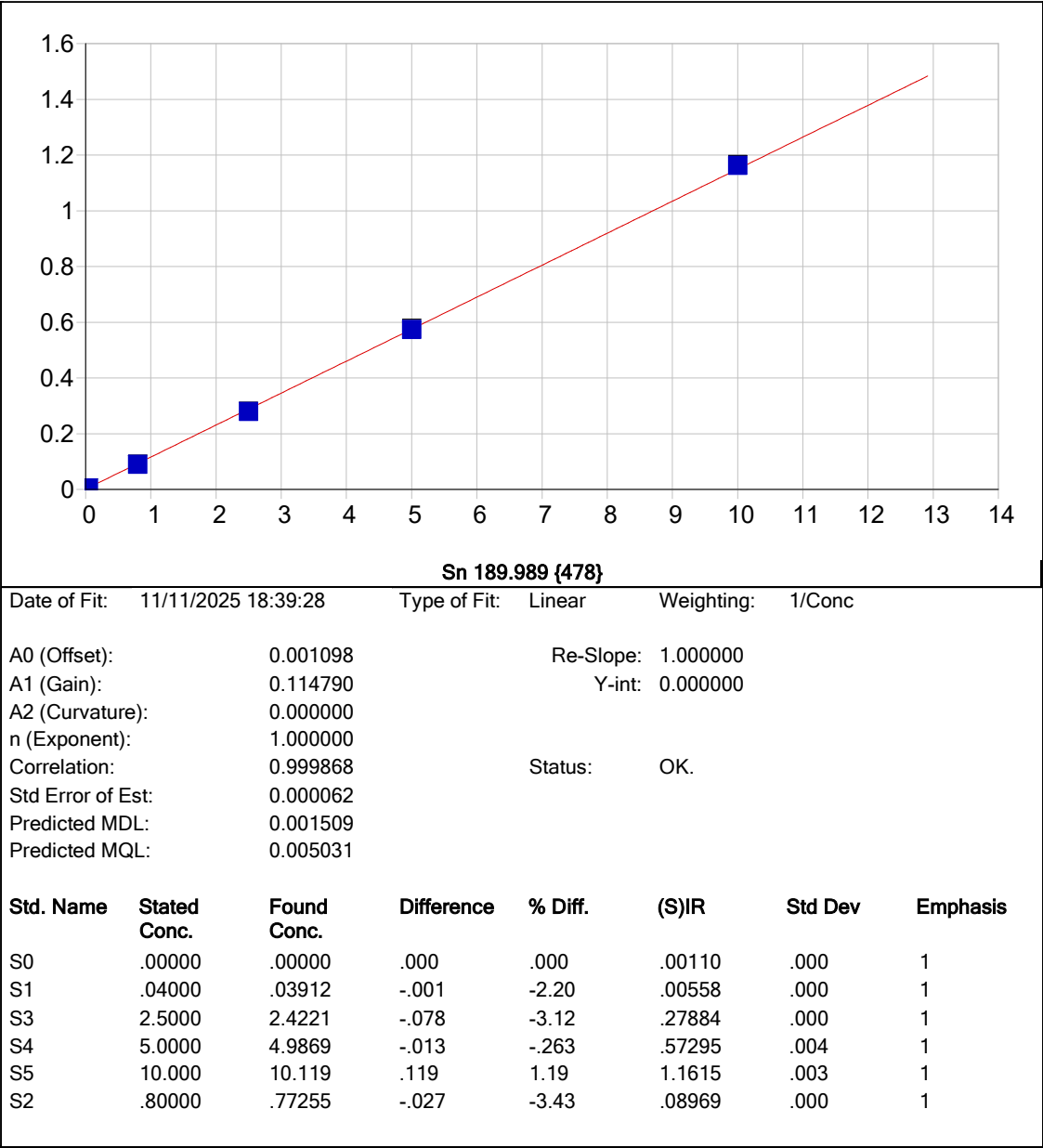


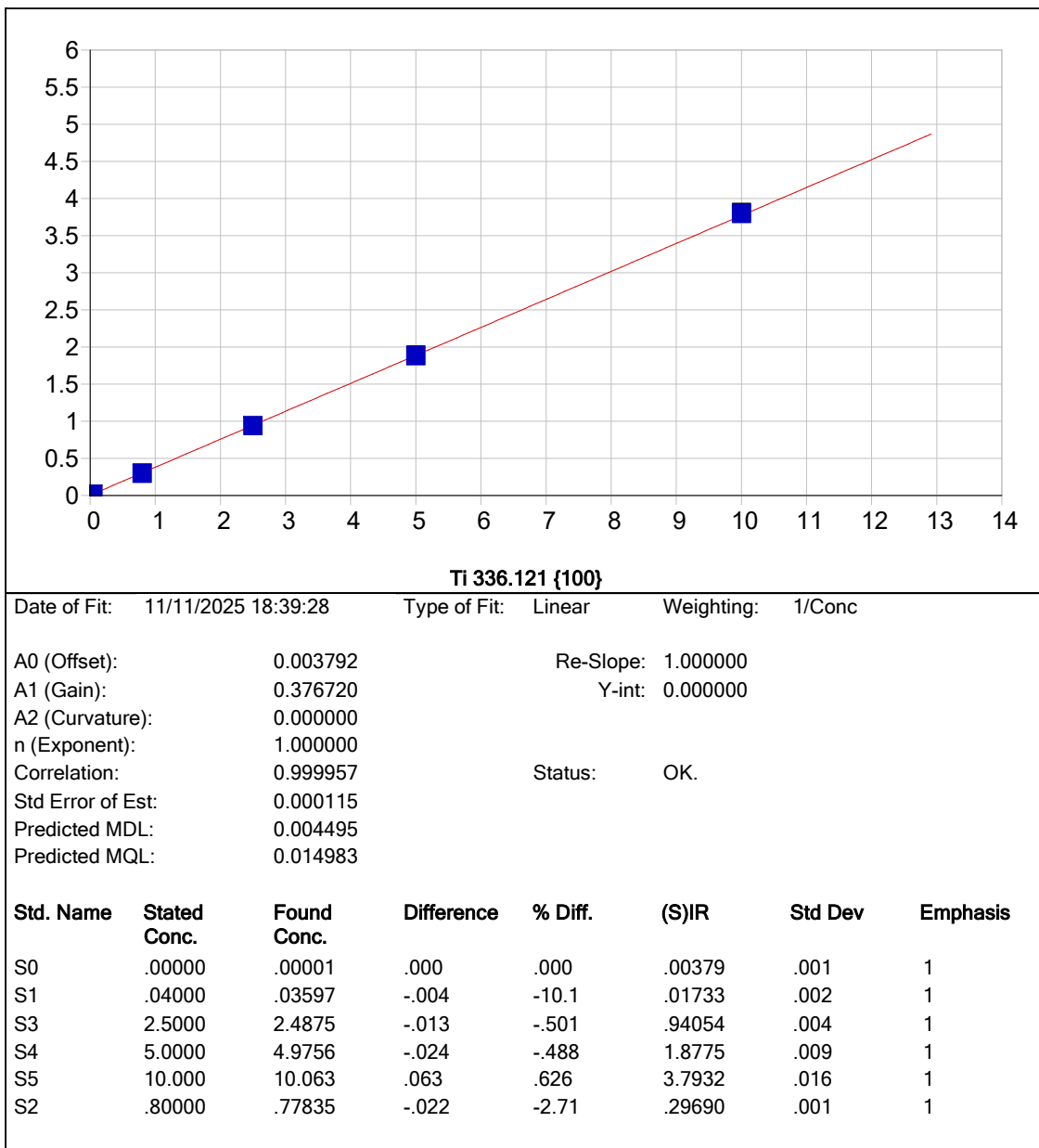
Mo 202.030 {467}

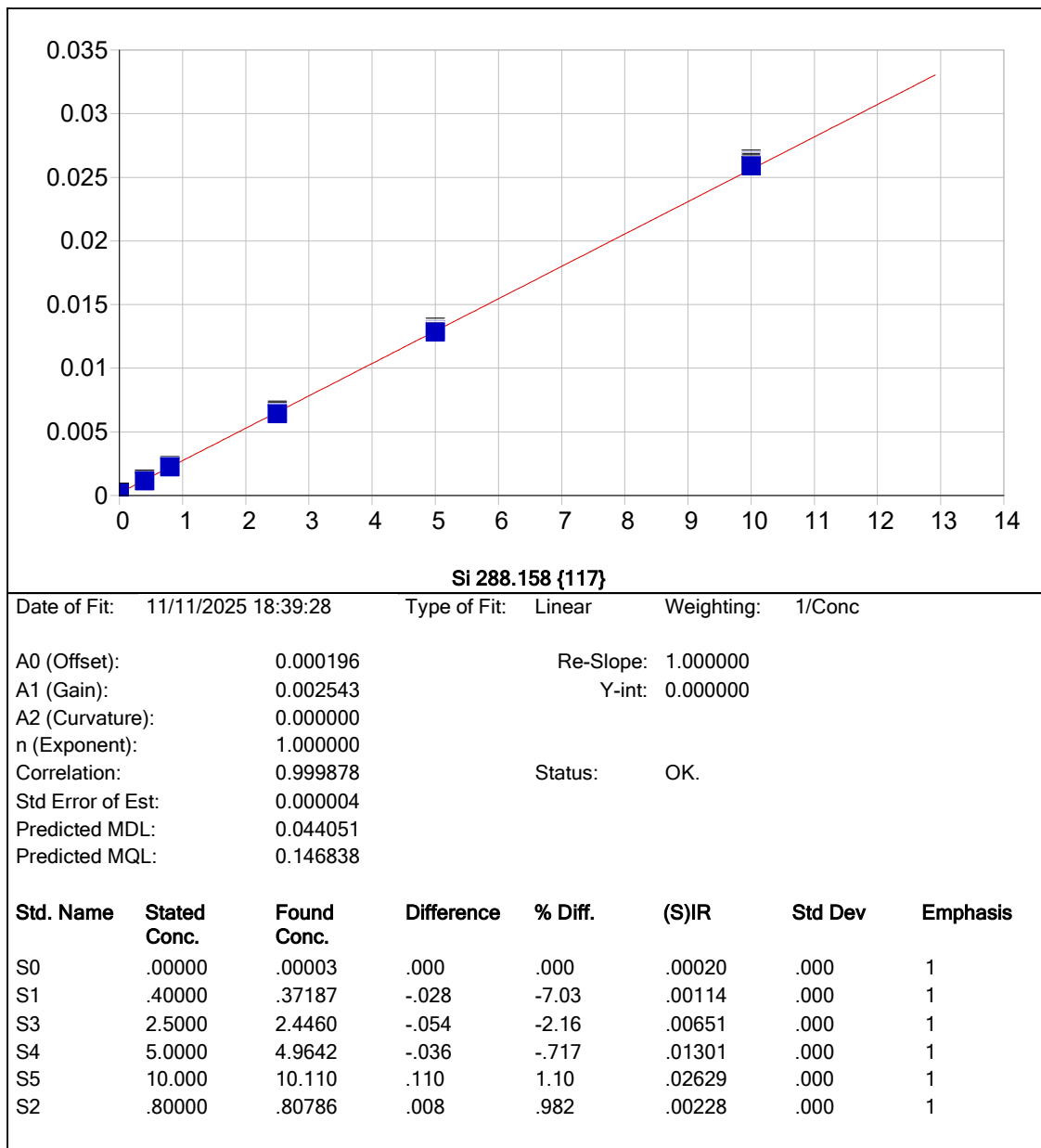
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

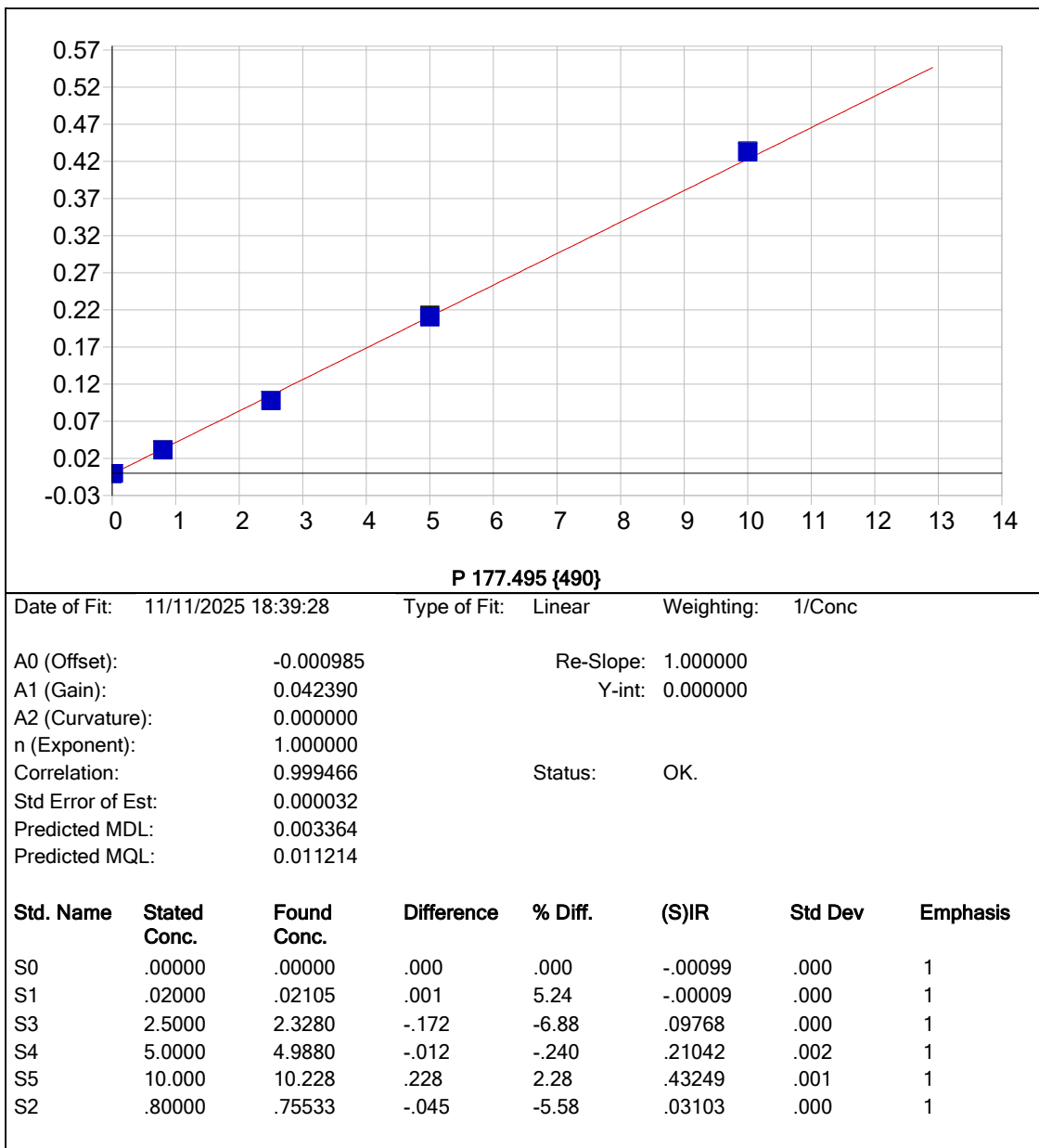
A0 (Offset): 0.000774 Re-Slope: 1.000000
A1 (Gain): 0.631561 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999983 Status: OK.
Std Error of Est: 0.000276
Predicted MDL: 0.000640
Predicted MQL: 0.002134

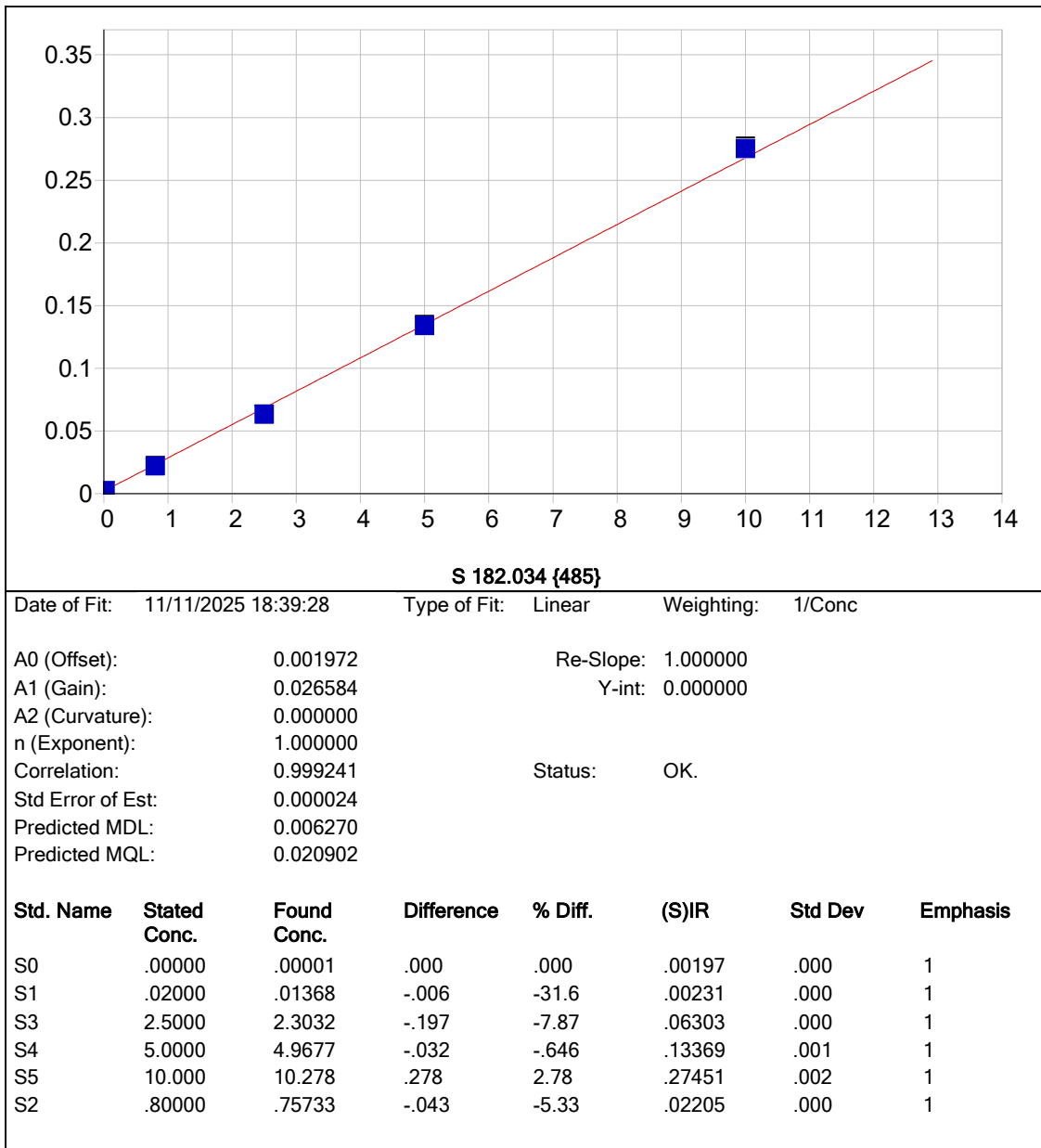
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.001	1
S1	.20000	.20584	.006	2.92	.13077	.000	1
S3	2.5000	2.5181	.018	.724	1.5911	.000	1
S4	5.0000	4.9629	-.037	-.741	3.1352	.018	1
S5	10.000	10.018	.018	.181	6.3278	.011	1
S2	.80000	.79504	-.005	-.620	.50289	.000	1

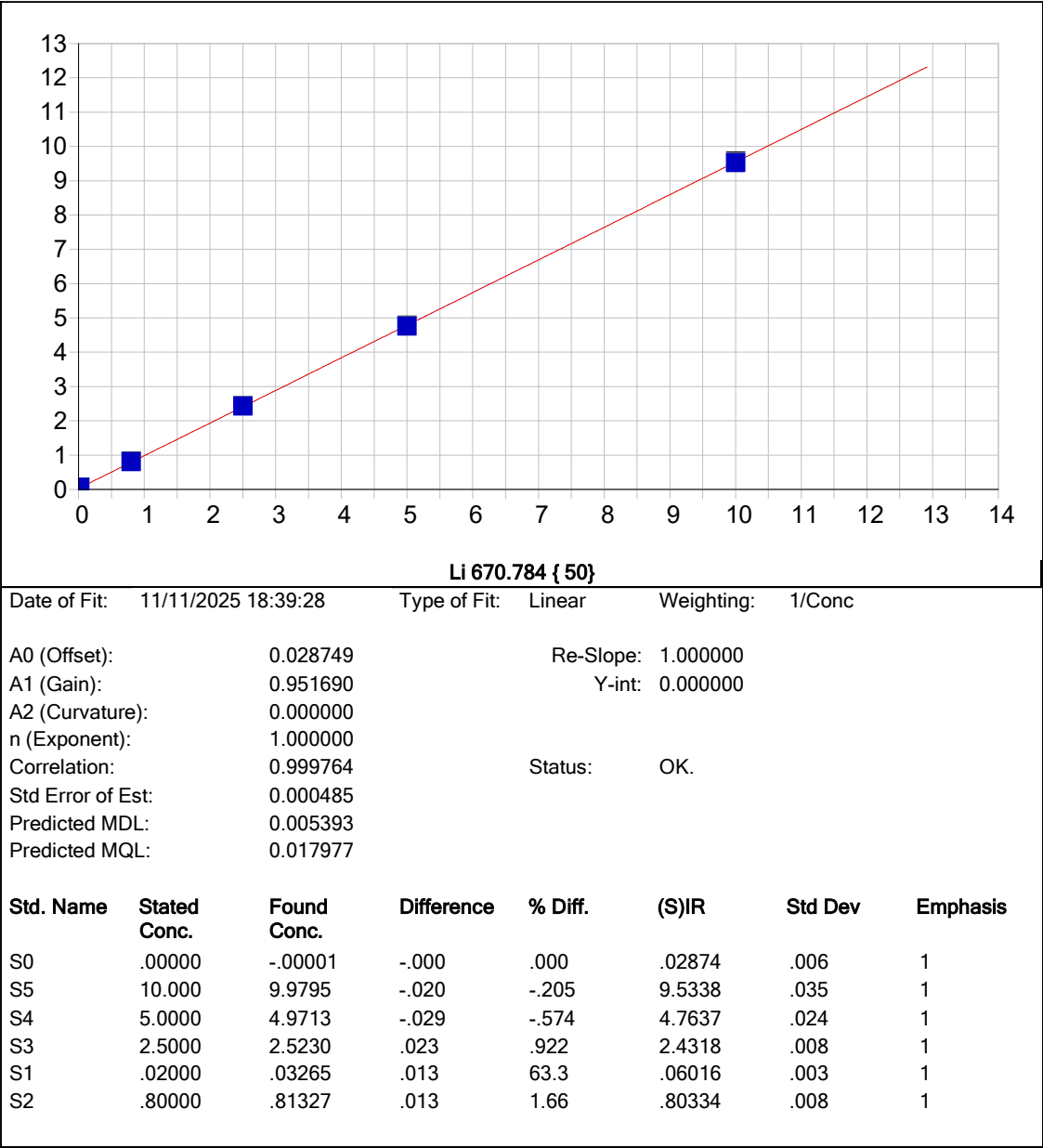


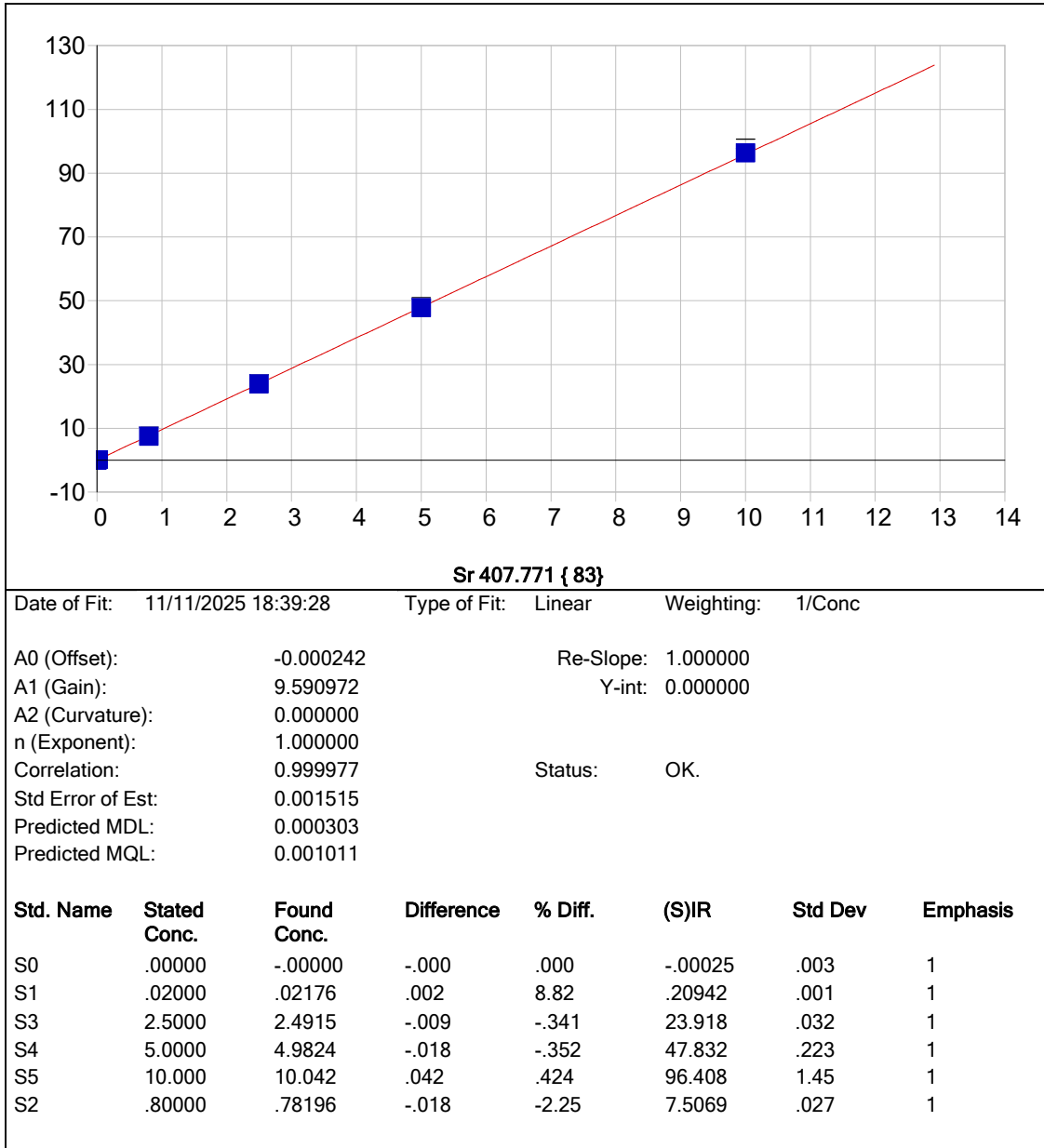




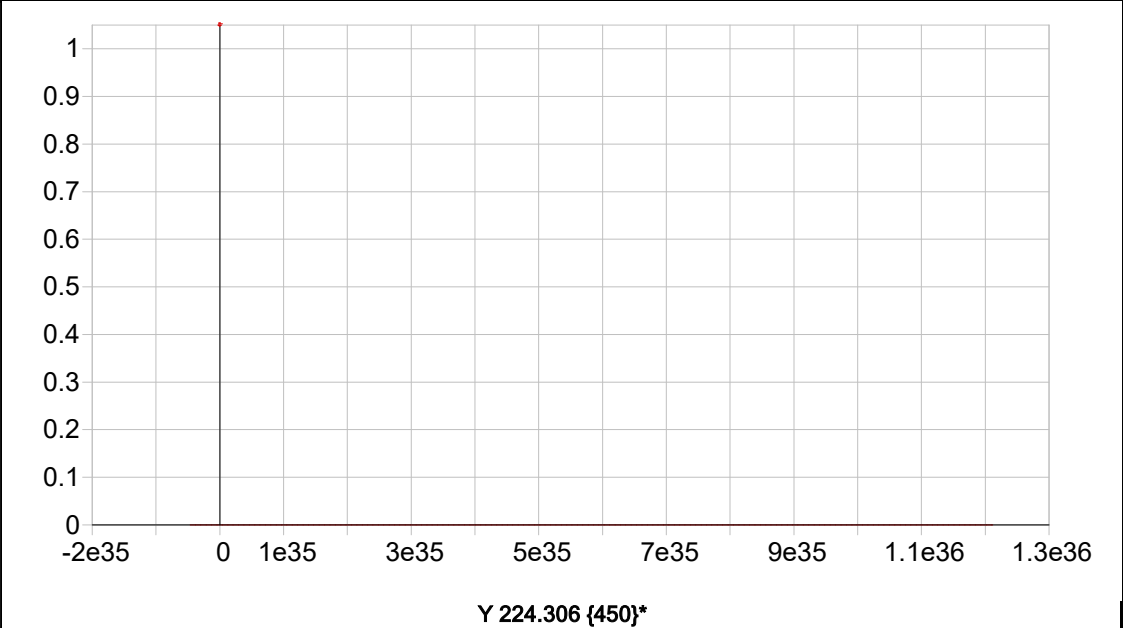








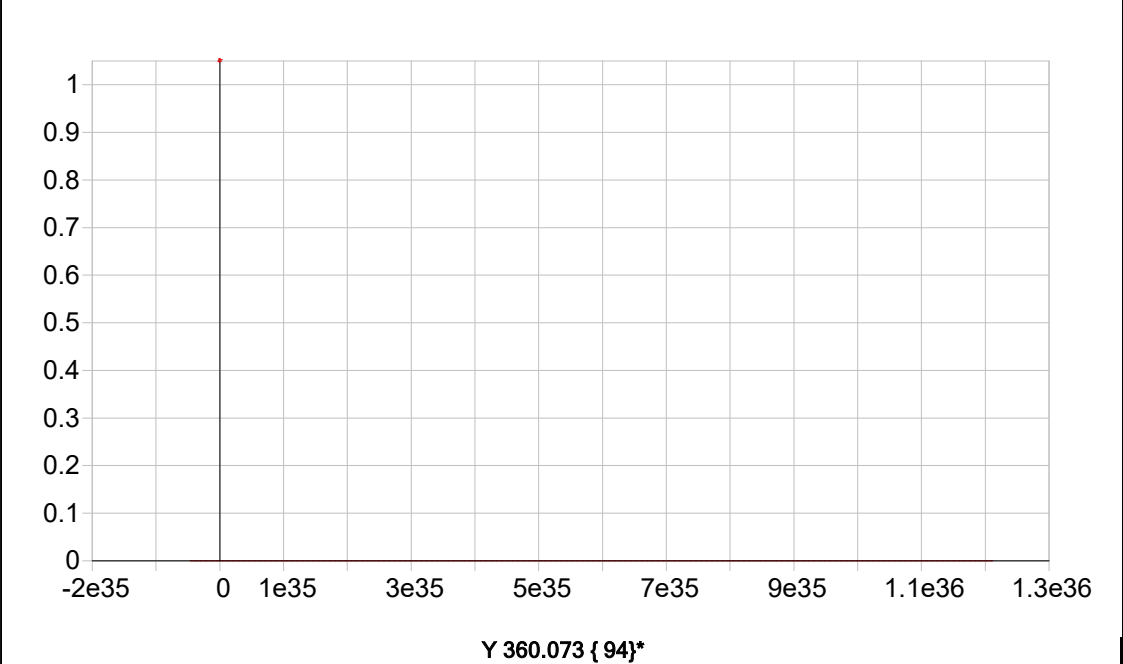
Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000242	Re-Slope:	1.000000		
A1 (Gain):	9.590972	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999977	Status:	OK.		
Std Error of Est:	0.001515				
Predicted MDL:	0.000303				
Predicted MQL:	0.001011				



Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

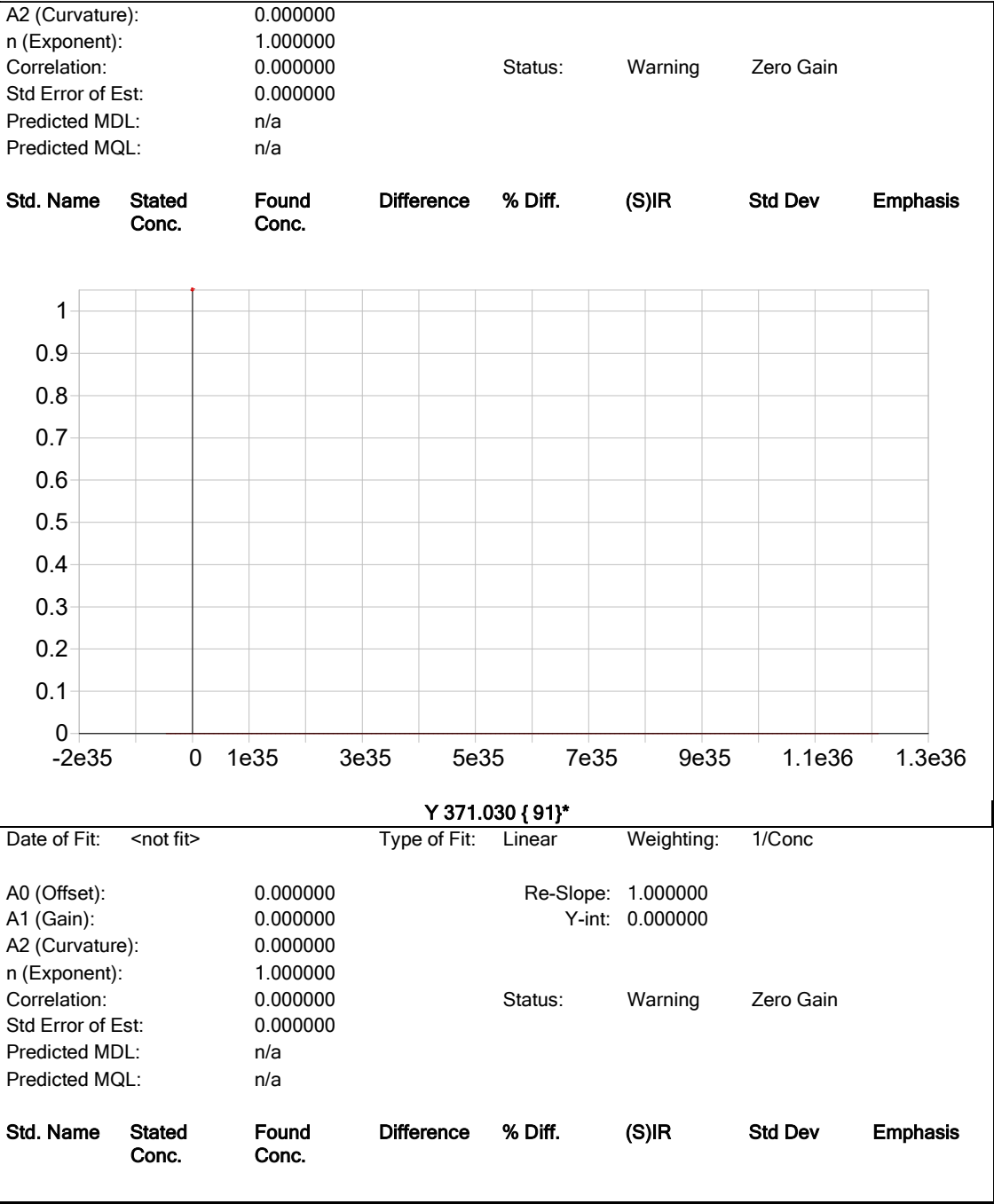
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

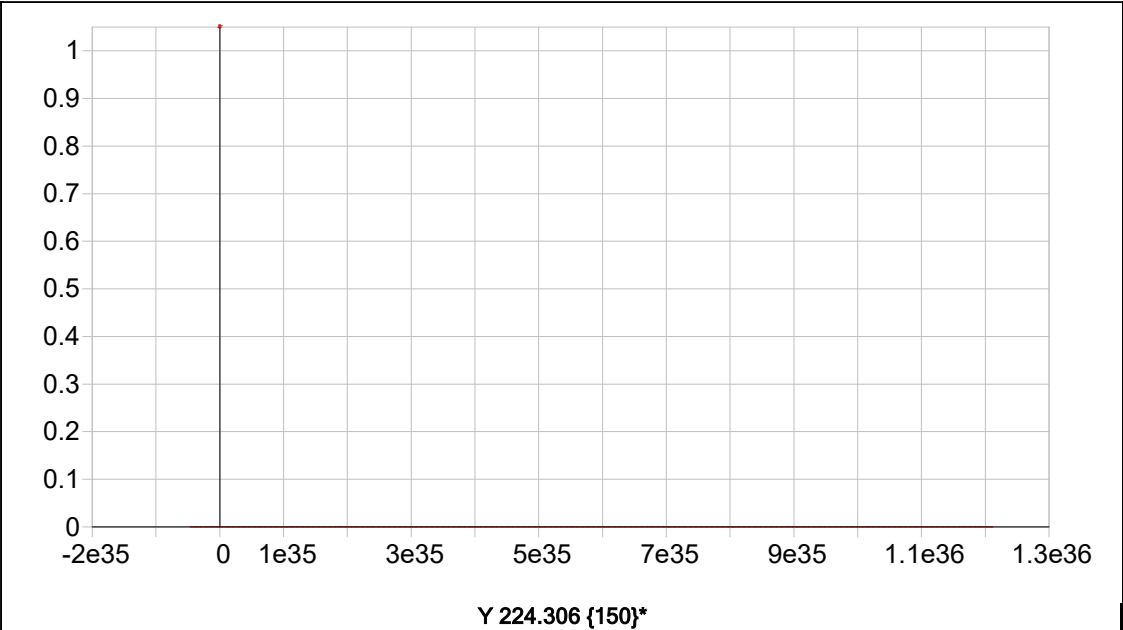
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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
							
ln 230.606 {446}*							

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

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

Sample Name: S0 Acquired: 11/11/2025 11:47:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	-.00006	.00114	.00022	.00146	.00192	-.00436	.18678	-.00300
Stddev	.00010	.00014	.00034	.00031	.00041	.00533	.00697	.00130
%RSD	167.81	12.401	153.87	21.263	21.397	122.16	3.7314	43.253
#1	-.00016	.00123	.00045	.00181	.00176	.00035	.19481	-.00167
#2	.00003	.00121	-.00017	.00126	.00162	-.01014	.18235	-.00305
#3	-.00004	.00098	.00039	.00129	.00239	-.00329	.18317	-.00426
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	-.00171	-.00129	.00029	.00017	.00195	.00007	.00037	.00014
Stddev	.00020	.00166	.00013	.00033	.00041	.00004	.00028	.00093
%RSD	11.437	128.03	43.822	195.28	21.182	60.371	75.876	661.12
#1	-.00155	.00013	.00043	.00018	.00178	.00007	.00010	-.00021
#2	-.00193	-.00090	.00022	-.00017	.00242	.00012	.00035	.00120
#3	-.00164	-.00311	.00021	.00050	.00164	.00003	.00066	-.00056
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	-.00193	.00009	.00738	-.00012	.00459	-.00151	.01290	.00077
Stddev	.00036	.00006	.00068	.00035	.00037	.00035	.00013	.00060
%RSD	18.471	66.823	9.2082	304.04	8.0626	23.083	1.0210	77.727
#1	-.00190	.00002	.00668	.00013	.00421	-.00185	.01304	.00058
#2	-.00230	.00010	.00743	-.00052	.00461	-.00153	.01278	.00144
#3	-.00159	.00014	.00803	.00004	.00495	-.00115	.01287	.00029
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	.00110	.00379	.00020	-.00099	.00197	.02874	-.00025	
Stddev	.00007	.00099	.00005	.00006	.00010	.00566	.00344	
%RSD	6.1414	26.188	25.121	5.9879	5.1346	19.708	1355.4	
#1	.00102	.00396	.00025	-.00101	.00205	.03454	-.00283	
#2	.00112	.00273	.00017	-.00092	.00186	.02845	.00365	
#3	.00115	.00469	.00016	-.00102	.00201	.02322	-.00158	

Sample Name: S0 Acquired: 11/11/2025 11:47:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2455.3	34767.	2390.7	3156.6	3944.1
Stddev	30.4	337.	8.1	32.8	48.8
%RSD	1.2393	.96787	.33827	1.0389	1.2360
#1	2436.5	35154.	2386.3	3193.6	3914.7
#2	2490.4	34600.	2385.8	3145.1	4000.4
#3	2439.0	34546.	2400.0	3131.2	3917.3

Sample Name: S1 Acquired: 11/11/2025 11:52:01 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	.00086	.00375	.00298	.00249	.00872	.00694	.37299	.12040
Stddev	.00019	.00015	.00006	.00048	.00034	.00221	.00657	.00119
%RSD	21.824	3.9661	2.0706	19.121	3.9254	31.838	1.7618	.98850
#1	.00106	.00358	.00305	.00304	.00853	.00948	.37884	.12003
#2	.00069	.00386	.00294	.00215	.00851	.00542	.37425	.12173
#3	.00082	.00381	.00295	.00229	.00911	.00593	.36588	.11943
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	.01388	.10772	.00264	.03279	.02169	.00022	.01332	.04046
Stddev	.00038	.00092	.00009	.00061	.00036	.00005	.00038	.00040
%RSD	2.7283	.84957	3.3167	1.8634	1.6443	22.262	2.8266	.99705
#1	.01432	.10679	.00272	.03321	.02174	.00020	.01348	.04037
#2	.01366	.10862	.00265	.03209	.02132	.00018	.01289	.04011
#3	.01366	.10774	.00254	.03308	.02202	.00027	.01359	.04090
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	.03061	.00228	.01959	.00349	.06434	.00508	.12540	.13077
Stddev	.00025	.00011	.00062	.00152	.00114	.00022	.00210	.00041
%RSD	.80276	4.8653	3.1809	43.455	1.7645	4.3381	1.6770	.31124
#1	.03036	.00215	.01893	.00510	.06309	.00517	.12599	.13044
#2	.03064	.00236	.02017	.00328	.06531	.00524	.12307	.13066
#3	.03084	.00232	.01966	.00209	.06462	.00482	.12715	.13123
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	.00558	.01733	.00114	-.00009	.00231	.06016	.20942	
Stddev	.00006	.00188	.00012	.00008	.00015	.00317	.00123	
%RSD	1.0639	10.834	10.611	89.449	6.5245	5.2708	.58544	
#1	.00560	.01946	.00111	-.00018	.00216	.05650	.20828	
#2	.00552	.01662	.00128	-.00007	.00247	.06193	.20926	
#3	.00564	.01591	.00104	-.00002	.00231	.06205	.21071	

Sample Name: S1 Acquired: 11/11/2025 11:52:01 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2405.3	34424.	2375.9	3165.9	3754.0
Stddev	9.3	206.	14.2	15.7	10.3
%RSD	.38692	.59786	.59590	.49633	.27524
#1	2411.7	34216.	2371.7	3150.4	3765.3
#2	2409.6	34428.	2364.4	3165.5	3751.8
#3	2394.7	34628.	2391.7	3181.9	3744.9

Sample Name: S2 Acquired: 11/11/2025 11:56:22 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	.03562	.04241	.20420	.05353	.10543	.14858	2.8405	.71960
Stddev	.00016	.00099	.00067	.00044	.00075	.00132	.0094	.00071
%RSD	.44296	2.3410	.33026	.82801	.71490	.88767	.33064	.09874
#1	.03566	.04222	.20357	.05325	.10615	.14746	2.8434	.71912
#2	.03576	.04153	.20491	.05331	.10465	.15004	2.8300	.72042
#3	.03545	.04348	.20411	.05404	.10547	.14825	2.8481	.71928
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	.97819	.19205	.03777	.41196	.17701	.00146	.22060	.07091
Stddev	.00255	.00226	.00004	.00110	.00021	.00005	.00131	.00030
%RSD	.26099	1.1784	.10821	.26654	.12135	3.4478	.59238	.41836
#1	.97532	.19057	.03781	.41070	.17708	.00148	.21970	.07065
#2	.97902	.19466	.03773	.41260	.17717	.00140	.22001	.07083
#3	.98021	.19093	.03777	.41259	.17676	.00149	.22210	.07123
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	.29982	.05266	.02792	.03977	.56247	.01028	.83071	.50289
Stddev	.00121	.00035	.00042	.00201	.00229	.00036	.00192	.00049
%RSD	.40460	.66872	1.5023	5.0526	.40696	3.4792	.23106	.09718
#1	.29851	.05302	.02781	.04031	.56088	.00989	.83241	.50280
#2	.30090	.05263	.02757	.03755	.56509	.01058	.83107	.50245
#3	.30006	.05231	.02838	.04146	.56144	.01038	.82863	.50342
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	.08969	.29690	.00228	.03103	.02205	.80334	7.5069	
Stddev	.00026	.00125	.00005	.00009	.00019	.00765	.0272	
%RSD	.28807	.41966	2.3194	.28614	.86201	.95243	.36179	
#1	.08939	.29707	.00234	.03098	.02225	.79949	7.5288	
#2	.08978	.29558	.00226	.03113	.02202	.81215	7.4765	
#3	.08988	.29805	.00224	.03097	.02188	.79837	7.5154	

Sample Name: S2 Acquired: 11/11/2025 11:56:22 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2412.2	34110.	2512.9	3179.0	3674.2
Stddev	16.8	124.	3.5	1.4	15.5
%RSD	.69560	.36265	.13917	.04333	.42231
#1	2400.8	33979.	2508.9	3178.5	3663.0
#2	2431.5	34224.	2514.1	3178.0	3691.9
#3	2404.4	34127.	2515.6	3180.6	3667.7

Sample Name: S3 Acquired: 11/11/2025 12:00:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	.10986	.12947	.63673	.15715	.31891	.47691	8.6059	2.2233
Stddev	.00016	.00167	.00138	.00024	.00026	.00131	.0259	.0273
%RSD	.14393	1.2916	.21694	.15334	.08308	.27567	.30068	1.2301
#1	.10971	.13026	.63523	.15733	.31908	.47841	8.6307	2.1921
#2	.11003	.13060	.63699	.15724	.31861	.47636	8.6080	2.2349
#3	.10985	.12755	.63796	.15688	.31906	.47597	8.5790	2.2429
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	3.0559	.60417	.11596	1.2846	.54050	.00440	.69385	.21951
Stddev	.0032	.00083	.00083	.0011	.00086	.00006	.00214	.00065
%RSD	.10585	.13662	.71235	.08428	.15859	1.3831	.30855	.29435
#1	3.0529	.60436	.11589	1.2833	.54137	.00445	.69562	.21879
#2	3.0593	.60327	.11682	1.2851	.53965	.00433	.69445	.22005
#3	3.0553	.60489	.11518	1.2853	.54047	.00442	.69147	.21967
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	.93521	.15796	.06764	.12580	1.7231	.03321	2.5759	1.5911
Stddev	.00114	.00067	.00069	.00051	.0061	.00010	.0254	.0001
%RSD	.12162	.42441	1.0204	.40534	.35164	.30358	.98516	.00900
#1	.93450	.15813	.06831	.12540	1.7281	.03310	2.5474	1.5913
#2	.93652	.15852	.06693	.12637	1.7249	.03323	2.5840	1.5910
#3	.93460	.15722	.06768	.12563	1.7164	.03329	2.5962	1.5910
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	.27884	.94054	.00651	.09768	.06303	2.4318	23.918	
Stddev	.00021	.00404	.00017	.00019	.00031	.0078	.032	
%RSD	.07589	.42956	2.6600	.19597	.49032	.32291	.13451	
#1	.27904	.94400	.00669	.09790	.06333	2.4402	23.945	
#2	.27886	.93610	.00649	.09762	.06304	2.4306	23.928	
#3	.27861	.94151	.00635	.09753	.06271	2.4246	23.883	

Sample Name: S3 Acquired: 11/11/2025 12:00:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2418.1	34941.	2476.9	3147.2	3661.1
Stddev	6.3	204.	11.3	22.0	10.1
%RSD	.25996	.58284	.45572	.69857	.27640
#1	2412.2	34708.	2488.0	3123.1	3656.7
#2	2417.2	35031.	2477.1	3152.3	3654.0
#3	2424.7	35085.	2465.5	3166.1	3672.7

Sample Name: S4 Acquired: 11/11/2025 12:04:42 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	.22460	.26743	1.3017	.32287	.64154	.93443	17.168	4.3925
Stddev	.00128	.00123	.0097	.00171	.00495	.00209	.101	.0265
%RSD	.56875	.45813	.74719	.52855	.77232	.22345	.58559	.60420

#1	.22361	.26652	1.2941	.32136	.63724	.93635	17.149	4.3921
#2	.22604	.26695	1.3127	.32472	.64696	.93221	17.277	4.4192
#3	.22414	.26882	1.2983	.32254	.64042	.93475	17.078	4.3661

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	6.3185	1.2034	.22978	2.6188	1.0712	.00883	1.3789	.43182
Stddev	.0425	.0084	.00069	.0197	.0074	.00002	.0107	.00266
%RSD	.67260	.69587	.30208	.75127	.68750	.19274	.77893	.61551

#1	6.2918	1.2074	.22974	2.6066	1.0659	.00882	1.3748	.43019
#2	6.3675	1.2090	.22911	2.6415	1.0796	.00885	1.3911	.43038
#3	6.2962	1.1938	.23050	2.6083	1.0681	.00882	1.3708	.43489

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	1.9083	.31770	.13413	.25101	3.3803	.06987	5.1190	3.1352
Stddev	.0140	.00100	.00039	.00096	.0077	.00072	.0302	.0184
%RSD	.73561	.31576	.29277	.38372	.22656	1.0326	.58897	.58716

#1	1.8990	.31664	.13455	.25045	3.3740	.06911	5.1149	3.1228
#2	1.9244	.31864	.13378	.25212	3.3780	.06994	5.1510	3.1563
#3	1.9014	.31780	.13404	.25046	3.3888	.07055	5.0912	3.1264

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	.57295	1.8775	.01301	.21042	.13369	4.7637	47.832	
Stddev	.00400	.0089	.00019	.00172	.00074	.0243	.223	
%RSD	.69783	.47380	1.4316	.81871	.55142	.50980	.46723	

#1	.57065	1.8764	.01305	.20940	.13333	4.7514	47.825	
#2	.57757	1.8869	.01281	.21241	.13454	4.7917	48.059	
#3	.57064	1.8692	.01318	.20945	.13320	4.7480	47.612	

Sample Name: S4 Acquired: 11/11/2025 12:04:42 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2366.8	34144.	2482.8	3143.9	3453.8
Stddev	10.7	34.	14.9	10.7	21.9
%RSD	.45385	.10093	.60036	.34074	.63513
#1	2373.5	34176.	2485.5	3145.7	3463.7
#2	2354.4	34148.	2466.8	3153.6	3428.7
#3	2372.5	34107.	2496.2	3132.4	3469.1

Sample Name: S5 Acquired: 11/11/2025 12:08:47 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	.45156	.52603	2.6508	.63725	1.2818	1.9064	34.581	8.6644
Stddev	.00164	.01128	.0025	.00209	.0023	.0063	.148	.0408
%RSD	.36213	2.1438	.09517	.32792	.17920	.33182	.42847	.47047

#1	.44990	.51393	2.6479	.63493	1.2800	1.9005	34.506	8.6188
#2	.45160	.53624	2.6518	.63784	1.2810	1.9057	34.485	8.6769
#3	.45317	.52792	2.6527	.63898	1.2844	1.9131	34.752	8.6974

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	12.928	2.4351	.45651	5.3551	2.1288	.01763	2.7628	.87769
Stddev	.021	.0077	.00160	.0104	.0034	.00011	.0073	.00576
%RSD	.16473	.31626	.35132	.19372	.16210	.63812	.26534	.65678

#1	12.906	2.4326	.45477	5.3485	2.1251	.01762	2.7608	.87555
#2	12.928	2.4290	.45793	5.3498	2.1293	.01751	2.7566	.87329
#3	12.949	2.4438	.45683	5.3671	2.1319	.01774	2.7709	.88421

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8790	.62769	.26447	.51077	6.7276	.14336	10.176	6.3278
Stddev	.0046	.00044	.00087	.00294	.0282	.00069	.041	.0108
%RSD	.11810	.06968	.32963	.57553	.41897	.48002	.40017	.17079

#1	3.8741	.62818	.26436	.50877	6.7201	.14316	10.133	6.3162
#2	3.8799	.62733	.26539	.50939	6.7038	.14413	10.184	6.3298
#3	3.8831	.62756	.26365	.51414	6.7587	.14280	10.213	6.3375

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	1.1615	3.7932	.02629	.43249	.27451	9.5338	96.408	
Stddev	.0030	.0157	.00013	.00095	.00184	.0345	1.446	
%RSD	.26069	.41282	.49711	.21906	.66906	.36220	1.4995	

#1	1.1583	3.7840	.02614	.43143	.27240	9.5121	96.501	
#2	1.1619	3.7844	.02636	.43280	.27538	9.5157	94.918	
#3	1.1643	3.8113	.02637	.43324	.27575	9.5736	97.805	

Sample Name: S5 Acquired: 11/11/2025 12:08:47 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal 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	2344.7	34047.	2455.9	3066.7	3347.8
Stddev	2.0	37.	7.6	11.6	2.9
%RSD	.08321	.10729	.31080	.37794	.08606
#1	2343.8	34048.	2463.2	3067.5	3344.6
#2	2343.4	34009.	2456.5	3077.9	3348.7
#3	2346.9	34082.	2448.0	3054.8	3350.2

Sample Name: ICV01 Acquired: 11/11/2025 12:33:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.884180	3.810699	3.754755	3.911120	4.073147	7.914075
Stddev	.009731	.090785	.009294	.016660	.003240	.055618
%RSD	.2505201	2.382375	.2475211	.4259597	.0795489	.7027694

#1	3.891192	3.914828	3.760106	3.930268	4.073797	7.904261
#2	3.873071	3.748159	3.744023	3.899946	4.076012	7.864018
#3	3.888277	3.769108	3.760135	3.903147	4.069630	7.973947

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.860043	.2066318	1.899587	19.61484	.8142708	1.956749
Stddev	.029115	.0017169	.003016	.09900	.0024147	.001712
%RSD	.3704140	.8309102	.1587515	.5047145	.2965469	.0875023

#1	7.868546	.2065146	1.901089	19.63147	.8149237	1.956650
#2	7.827623	.2049765	1.896116	19.50857	.8162919	1.955088
#3	7.883959	.2084043	1.901557	19.70446	.8115968	1.958508

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016663	3.929774	1.967967	19.70874	1.953525	.9487997
Stddev	.001226	.038495	.008050	.08822	.002231	.0009837
%RSD	.1206360	.9795689	.4090277	.4476077	.1142027	.1036764

#1	1.017231	3.909163	1.966720	19.65273	1.954819	.9480713
#2	1.015255	3.974186	1.960614	19.66306	1.950949	.9484091
#3	1.017502	3.905974	1.976567	19.81043	1.954808	.9499187

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.78428	1.980107	2.020804	18.58569	F 2.465270	F 2.484970
Stddev	.01879	.014557	.004087	.20616	.020122	.004245
%RSD	.1000244	.7351816	.2022499	1.109222	.8162306	.1708217

#1	18.76291	1.964422	2.021052	18.35728	2.468771	2.489616
#2	18.79823	1.982712	2.016598	18.75796	2.443627	2.483998
#3	18.79169	1.993185	2.024761	18.64182	2.483412	2.481295

Sample Name: ICV01 Acquired: 11/11/2025 12:33:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.410523	F 2.425836	F 2.270102	F .0038404	F .0227651	F -.002988
Stddev	.004671	.007911	.026387	.0023108	.0086195	.004363
%RSD	.1937849	.3261218	1.162378	60.16937	37.86271	146.0441
#1	2.415917	2.427001	2.239642	.0064803	.0143386	-.003126
#2	2.407777	2.417407	2.285972	.0021841	.0223913	-.007280
#3	2.407875	2.433100	2.284693	.0028569	.0315654	.001443

Elem	Sr4077
Units	ppm
Avg	F -.003438
Stddev	.000142
%RSD	4.140745
#1	-.003274
#2	-.003510
#3	-.003530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.329	34442.69	2458.604	3105.653	3591.057
Stddev	4.137	64.13	18.304	5.543	3.869
%RSD	.1732723	.1861811	.7445057	.1784773	.1077479
#1	2390.203	34475.14	2460.626	3111.550	3595.095
#2	2382.588	34368.83	2475.814	3104.858	3587.382
#3	2389.197	34484.11	2439.373	3100.550	3590.696

Sample Name: LLICV01 Acquired: 11/11/2025 13:01:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228179	.0437407	.0122793	.0185326	.0536749	.0810448
Stddev	.0014708	.0046228	.0008147	.0059812	.0016825	.0499858
%RSD	6.445986	10.56867	6.634891	32.27406	3.134571	61.67672

#1	.0222103	.0384351	.0120527	.0178386	.0546898	.0722737
#2	.0244952	.0458854	.0116019	.0248305	.0546020	.1348357
#3	.0217482	.0469017	.0131834	.0129286	.0517328	.0360252

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080041	.0067951	.0060303	2.152396	.0108557	.0310641
Stddev	.0036739	.0000904	.0000556	.020656	.0004254	.0003997
%RSD	3.401620	1.329583	.9217961	.9596788	3.918924	1.286800

#1	.1122165	.0068404	.0060789	2.134983	.0113093	.0306118
#2	.1063330	.0066910	.0059697	2.146986	.0107923	.0312108
#3	.1054629	.0068537	.0060423	2.175219	.0104656	.0313698

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231099	.1056870	.0208789	2.263505	.0415315	.0095410
Stddev	.0008362	.0330039	.0003263	.035366	.0009031	.0012541
%RSD	3.618560	31.22792	1.563035	1.562435	2.174500	13.14478

#1	.0221604	.1094988	.0206903	2.303532	.0424410	.0103743
#2	.0234329	.1366195	.0212557	2.236484	.0406349	.0101500
#3	.0237366	.0709428	.0206906	2.250499	.0415187	.0080986

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711482	.0342739	.0441301	1.650912	.1073535	.2071178
Stddev	.183822	.0110114	.0001766	.217262	.0018473	.0006927
%RSD	10.74053	32.12775	.4002352	13.16010	1.720798	.3344457

#1	1.561663	.0227122	.0440709	1.402072	.1062780	.2077562
#2	1.656174	.0446370	.0439907	1.747731	.1094866	.2063813
#3	1.916608	.0354725	.0443287	1.802932	.1062960	.2072160

Sample Name: LLICV01 Acquired: 11/11/2025 13:01:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	.0387793	.0403233	.3946439	.0199774	F .0089672	.0206315
Stddev	.0005034	.0006562	.0075546	.0047350	.0022845	.0024406
%RSD	1.298068	1.627354	1.914269	23.70159	25.47664	11.82925
#1	.0392467	.0396095	.4031881	.0163227	.0100860	.0181002
#2	.0388449	.0404602	.3888489	.0253264	.0104767	.0229699
#3	.0382464	.0409003	.3918947	.0182830	.0063389	.0208245

Elem	Sr4077
Units	ppm
Avg	.0215847
Stddev	.0000949
%RSD	.4395757
#1	.0215684
#2	.0216866
#3	.0214990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.759	35015.34	2482.211	3162.729	3824.527
Stddev	10.823	175.23	7.824	18.069	7.360
%RSD	.4470726	.5004414	.3151919	.5713000	.1924388
#1	2431.199	35092.46	2486.154	3161.735	3831.799
#2	2421.486	35138.78	2487.278	3181.274	3824.700
#3	2409.591	34814.77	2473.200	3145.177	3817.082

Sample Name: ICB01 Acquired: 11/11/2025 13:05:41 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005273	-.001118	-.001590	-.006088	-.000576	.0077393
Stddev	.003873	.002785	.000898	.001837	.002591	.0265715
%RSD	73.44172	249.2193	56.48950	30.17357	449.6985	343.3307

#1	-.007632	-.003645	-.001374	-.007843	.001312	.0378901
#2	-.007383	-.001576	-.000819	-.004179	-.003530	-.012260
#3	-.000804	.001868	-.002576	-.006242	.000490	-.002412

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002761	-.000054	.0000629	.0146865	-.000189	-.000000
Stddev	.001096	.000055	.0000873	.0080540	.000649	.000076
%RSD	39.69962	101.3045	138.6980	54.83950	343.7738	22077.99

#1	-.002232	-.000079	.0000162	.0213311	-.000409	-.000081
#2	-.004022	.000009	.0001636	.0057291	-.000699	.000010
#3	-.002030	-.000091	.0000090	.0169991	.000542	.000070

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002627	-.005002	-.000943	-.037817	.0003694	-.001276
Stddev	.0004091	.018540	.002054	.064173	.0006327	.000812
%RSD	155.7628	370.6603	217.7624	169.6953	171.2838	63.64998

#1	-.000166	-.026407	-.000423	.033762	-.000354	-.001950
#2	.000649	.006006	.000801	-.057004	.000640	-.001506
#3	.000304	.005396	-.003208	-.090207	.000822	-.000374

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.562530	-.008790	-.000601	-.235375	-.001406	.0004987
Stddev	.063175	.011681	.000385	.041406	.002081	.0004751
%RSD	11.23051	132.8968	64.14129	17.59166	147.9962	95.25325

#1	-.628632	.004305	-.000222	-.195941	-.003006	-.000009
#2	-.502759	-.018138	-.000587	-.278506	.000947	.000574
#3	-.556200	-.012535	-.000992	-.231678	-.002160	.000932

Sample Name: ICB01 Acquired: 11/11/2025 13:05:41 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002435	-.002291	-.013837	-.001004	F -.018158	-.003127
Stddev	.001399	.006207	.043450	.002064	.007165	.005329
%RSD	57.46049	270.8702	314.0104	205.6594	39.46150	170.4041

#1	-.002217	.004742	-.063685	.001373	-.010658	-.007399
#2	-.001157	-.004614	.016014	-.002037	-.024933	.002844
#3	-.003930	-.007002	.006159	-.002347	-.018883	-.004827

Elem	Sr4077
Units	ppm
Avg	-.000134
Stddev	.000147
%RSD	110.1814

#1	-.000173
#2	-.000257
#3	.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.286	34735.11	2460.757	3135.140	3851.940
Stddev	12.775	118.68	5.746	9.112	8.078
%RSD	.5337893	.3416575	.2335059	.2906453	.2097195

#1	2379.225	34841.75	2455.539	3144.342	3842.905
#2	2404.179	34756.33	2459.815	3126.121	3854.445
#3	2396.454	34607.26	2466.915	3134.957	3858.468

Sample Name: CRI01 Acquired: 11/11/2025 13:19:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	.0204519	.0416252	.0115266	.0190435	.0508900	.1102861	.1017418
Stddev	.0041338	.0034221	.0011725	.0041894	.0045395	.0144289	.0042215
%RSD	20.21211	8.221126	10.17169	21.99907	8.920184	13.08312	4.149272

#1	.0194789	.0406438	.0126840	.0185731	.0510625	.0978062	.1056506
#2	.0249853	.0454307	.0115560	.0151092	.0553408	.1260854	.1023098
#3	.0168914	.0388010	.0103397	.0234483	.0462668	.1069666	.0972650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067619	.0060404	2.142041	.0111319	.0304401	.0218593	.0867407
Stddev	.0000984	.0000945	.042824	.0004268	.0003564	.0003576	.0384227
%RSD	1.455212	1.564027	1.999204	3.834466	1.170726	1.636014	44.29606

#1	.0066503	.0059738	2.152471	.0107777	.0300723	.0222363	.0479899
#2	.0067994	.0061485	2.178686	.0110122	.0307838	.0218166	.1248268
#3	.0068361	.0059988	2.094965	.0116059	.0304644	.0215249	.0874055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220475	2.191841	.0409493	.0101969	1.677762	.0382808	.0445303
Stddev	.0003341	.013072	.0000692	.0018583	.142761	.0168824	.0012698
%RSD	1.515301	.5963764	.1690400	18.22372	8.509022	44.10139	2.851615

#1	.0224325	2.206379	.0410285	.0115598	1.537243	.0567722	.0459939
#2	.0218755	2.181056	.0409008	.0109508	1.673380	.0343796	.0438753
#3	.0218344	2.188090	.0409185	.0080802	1.822664	.0236906	.0437217

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653108	.1043358	.2051674	.0378008	.0385870	.3780871	.0206930
Stddev	.136026	.0032521	.0008567	.0019620	.0076530	.0263392	.0019419
%RSD	8.228526	3.116970	.4175371	5.190489	19.83323	6.966438	9.384174

#1	1.540535	.1079821	.2043284	.0400662	.0377998	.3753913	.0192235
#2	1.614532	.1017350	.2051330	.0366407	.0313580	.4056706	.0228944
#3	1.804256	.1032903	.2060407	.0366956	.0466032	.3531995	.0199610

Sample Name: CRI01 Acquired: 11/11/2025 13:19:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0187595	.0239000	.0213326
Stddev	.0075330	.0066544	.0002635
%RSD	40.15591	27.84270	1.235043

#1	.0110862	.0164043	.0215670
#2	.0190482	.0261844	.0213834
#3	.0261440	.0291114	.0210474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.565	35299.34	2541.605	3173.557	3861.620
Stddev	2.599	96.05	4.056	4.839	3.819
%RSD	.1058962	.2721154	.1595927	.1524754	.0988913

#1	2452.928	35362.81	2537.758	3173.534	3858.122
#2	2457.562	35188.83	2541.215	3168.730	3861.045
#3	2453.204	35346.38	2545.842	3178.408	3865.694

Sample Name: ICSA01 Acquired: 11/11/2025 13:23:32 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103858	.0095198	-.005278	-.000861	.0015671	251.9041
Stddev	.0083094	.0102343	.001940	.005285	.0058629	.6695
%RSD	80.00781	107.5050	36.75703	614.0862	374.1185	.2657679

#1	.0012176	.0068575	-.003038	-.005788	-.005146	252.6267
#2	.0125193	.0208221	-.006417	-.001514	.005684	251.7808
#3	.0174205	.0008798	-.006379	.004720	.004163	251.3048

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139367	.0014836	-.000141	242.7269	.0536854	.0013120
Stddev	.0039506	.0000461	.000143	.4906	.0006162	.0009266
%RSD	28.34712	3.107998	101.2148	.2021294	1.147738	70.61865

#1	.0158153	.0014348	-.000263	242.9315	.0536690	.0019341
#2	.0165974	.0014896	.000016	243.0821	.0530776	.0002472
#3	.0093972	.0015264	-.000178	242.1671	.0543096	.0017548

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081989	107.4084	.0096276	254.3596	.0066901	.0031957
Stddev	.0005240	.4265	.0036931	.1106	.0005495	.0008353
%RSD	6.391771	.3970453	38.35947	.0434870	8.213556	26.13828

#1	.0086021	107.1179	.0093946	254.3264	.0061168	.0022609
#2	.0076065	107.2094	.0134318	254.4830	.0067414	.0038688
#3	.0083881	107.8980	.0060566	254.2694	.0072122	.0034576

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276575	-.007201	.0025482	-.084175	F .1000255	.0027548
Stddev	.045640	.004976	.0006185	.073999	.0042290	.0004372
%RSD	16.50188	69.10541	24.27103	87.91054	4.227942	15.86920

#1	-.265662	-.004878	.0032059	-.078358	.0975253	.0023227
#2	-.326683	-.012914	.0019784	-.013256	.0976428	.0031969
#3	-.237382	-.003811	.0024603	-.160910	.1049082	.0027448

Sample Name: ICSA01 Acquired: 11/11/2025 13:23:32 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	-.005884	-.004695	.0003578	.0014574	.0006666	F -.026636
Stddev	.000171	.001304	.0280833	.0065128	.0106222	.005646
%RSD	2.914133	27.77254	7848.137	446.8674	1593.590	21.19828
#1	-.005899	-.004882	-.010372	.0029828	.0021258	-.029058
#2	-.006048	-.005895	.032224	-.005683	.0104837	-.020183
#3	-.005706	-.003307	-.020779	.007072	-.010610	-.030667

Elem	Sr4077
Units	ppm
Avg	-.003118
Stddev	.000654
%RSD	20.95942
#1	-.002592
#2	-.002912
#3	-.003850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.707	31106.38	2465.914	2881.661	3162.555
Stddev	11.273	51.33	14.381	3.790	14.947
%RSD	.5017759	.1650190	.5831862	.1315202	.4726187
#1	2241.856	31055.44	2458.577	2878.749	3152.111
#2	2259.593	31105.62	2456.682	2880.287	3179.677
#3	2238.670	31158.09	2482.484	2885.946	3155.878

Sample Name: ICSAB01 Acquired: 11/11/2025 13:27:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1106836	.1032514	.0476612	.0565702	.6316656	250.9487
Stddev	.0071968	.0052621	.0020701	.0088111	.0015387	.3938
%RSD	6.502133	5.096373	4.343376	15.57541	.2435949	.1569149

#1	.1030564	.1014093	.0471641	.0505360	.6306340	251.2884
#2	.1116402	.0991581	.0499346	.0666814	.6334342	251.0407
#3	.1173543	.1091869	.0458849	.0524932	.6309286	250.5171

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034347	.5251684	1.028002	241.3394	.6048130	.5197652
Stddev	.0046420	.0016211	.001138	.4775	.0028893	.0006395
%RSD	.9220681	.3086816	.1106858	.1978460	.4777157	.1230345

#1	.5020628	.5262347	1.026973	241.8793	.6029630	.5190976
#2	.4996333	.5259677	1.029224	241.1659	.6033336	.5203722
#3	.5086081	.5233029	1.027810	240.9728	.6081424	.5198260

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5081969	106.5620	.5046865	253.0225	1.044025	.2143943
Stddev	.0011213	.6830	.0020168	.4097	.001220	.0009308
%RSD	.2206458	.6409610	.3996216	.1619310	.1168712	.4341419

#1	.5093140	106.7035	.5059801	253.4342	1.045296	.2133359
#2	.5070715	105.8194	.5023626	253.0186	1.042863	.2147613
#3	.5082054	107.1632	.5057168	252.6148	1.043914	.2150856

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.463020	.4958096	1.078637	-.405691	F .0953629	F .0045841
Stddev	.108501	.0053252	.004395	.233054	.0043942	.0004704
%RSD	23.43328	1.074045	.4074431	57.44624	4.607833	10.26212

#1	-.577043	.4900153	1.076773	-.448091	.0931113	.0045735
#2	-.361047	.4969244	1.083657	-.614634	.0925509	.0041191
#3	-.450969	.5004892	1.075481	-.154348	.1004265	.0050597

Sample Name: ICSAB01 Acquired: 11/11/2025 13:27:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.004767	F -.005863	F -.036592	F .0085855	F .0042022	F -.025152
Stddev	.000773	.001122	.011987	.0031568	.0142802	.002634
%RSD	16.20447	19.13881	32.75746	36.76923	339.8308	10.47194
#1	-.004418	-.007159	-.032407	.0050815	-.005828	-.027987
#2	-.005653	-.005211	-.027259	.0094677	.020552	-.022781
#3	-.004231	-.005220	-.050110	.0112074	-.002117	-.024688

Elem	Sr4077
Units	ppm
Avg	F -.002698
Stddev	.000849
%RSD	31.46588
#1	-.002399
#2	-.002039
#3	-.003656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.621	31586.23	2491.839	2920.943	3209.546
Stddev	8.132	30.52	14.876	5.482	9.168
%RSD	.3571974	.0966190	.5969893	.1876717	.2856589
#1	2272.920	31551.85	2479.490	2922.892	3214.034
#2	2285.945	31596.72	2487.674	2914.753	3215.605
#3	2270.997	31610.11	2508.354	2925.184	3198.998

Sample Name: ICSA01DLX20 Acquired: 11/11/2025 13:31:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001498	.0044949	-.001840	-.006280	-.001775	12.14840	.0005726
Stddev	.002714	.0045129	.001379	.005358	.002285	.04395	.0039156
%RSD	181.2135	100.4010	74.96583	85.31338	128.7153	.3617866	683.8921
#1	.000793	.0058686	-.003430	-.003979	.000586	12.11170	-.003874
#2	-.004496	.0081613	-.000974	-.002457	-.003975	12.13639	.003504
#3	-.000790	-.000545	-.001115	-.012404	-.001937	12.19710	.002088
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002732	.0001489	11.77369	.0027164	.0002096	.0005239	4.764227
Stddev	.0000547	.0001603	.09178	.0014116	.0005031	.0005888	.014374
%RSD	20.00686	107.7002	.7795240	51.96734	239.9790	112.3854	.3017026
#1	.0003360	.0001257	11.71763	.0019690	.0004562	.0001151	4.775547
#2	.0002358	.0003195	11.72383	.0043446	-.000369	.0011988	4.769079
#3	.0002480	.0000014	11.87960	.0018356	.000542	.0002579	4.748055
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	12.28384	.0011726	-.000086	-.704403	-.006485	.0010085
Stddev	.001500	.08750	.0001597	.000875	.107968	.002520	.0007273
%RSD	23516.30	.7123247	13.61614	1013.156	15.32758	38.86319	72.11294
#1	-.001233	12.23670	.0010979	.000211	-.824927	-.008673	.0006794
#2	.001665	12.23002	.0013559	-.001071	-.616527	-.003730	.0018422
#3	-.000451	12.38480	.0010639	.000601	-.671755	-.007051	.0005040
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.494479	-.002448	.0002029	-.002061	-.004402	-.008445	-.000010
Stddev	.131856	.004123	.0001976	.001007	.003218	.018711	.002696
%RSD	26.66561	168.4180	97.36091	48.85616	73.09108	221.5715	25909.67
#1	-.487862	-.006831	.0002995	-.001442	-.000741	-.002117	.001096
#2	-.629520	.001354	-.000024	-.003222	-.005684	-.029500	-.003083
#3	-.366057	-.001868	.000334	-.001518	-.006781	.006282	.001956

Sample Name: ICSA01DLX20 Acquired: 11/11/2025 13:31:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004739	.0013981	.0003514
Stddev	.007774	.0015655	.0003464
%RSD	164.0476	111.9693	98.57433
#1	-.002965	.0031880	.0005084
#2	.001995	.0002839	-.000046
#3	-.013246	.0007226	.000591

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.464	34297.77	2486.886	3098.861	3663.327
Stddev	6.594	44.07	17.035	8.915	5.075
%RSD	.2772540	.1284892	.6850130	.2877023	.1385293
#1	2384.255	34291.75	2501.791	3089.785	3658.352
#2	2379.849	34257.02	2490.551	3107.606	3668.496
#3	2371.287	34344.54	2468.316	3099.191	3663.134

Sample Name: ICSAB01DLX20 Acquired: 11/11/2025 13:42:54 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051620	.0050199	.0031580	-.005033	.0285158	12.09342	.0270990
Stddev	.0029757	.0054304	.0013808	.002770	.0013048	.03869	.0052070
%RSD	57.64753	108.1760	43.72380	55.03379	4.575785	.3199404	19.21466

#1	.0082612	.0040052	.0021580	-.008071	.0298176	12.05295	.0255826
#2	.0048973	.0108861	.0047335	-.002647	.0285218	12.13004	.0328958
#3	.0023274	.0001685	.0025826	-.004382	.0272080	12.09726	.0228185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257678	.0469109	11.88276	.0289101	.0239293	.0246250	4.838691
Stddev	.0003917	.0002940	.07773	.0003617	.0002123	.0005066	.037648
%RSD	1.520137	.6267510	.6541385	1.251139	.8871089	2.057388	.7780534

#1	.0254059	.0466381	11.84186	.0286646	.0236856	.0249712	4.864160
#2	.0261837	.0468725	11.97240	.0287402	.0240739	.0240435	4.795447
#3	.0257139	.0472223	11.83402	.0293255	.0240285	.0248604	4.856467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228883	12.37373	.0484173	.0087095	-.806721	.0096352	.0514542
Stddev	.0025930	.00429	.0003102	.0017636	.043013	.0056523	.0003951
%RSD	11.32905	.0346303	.6406126	20.24928	5.331886	58.66345	.7678221

#1	.0232674	12.37161	.0481267	.0071927	-.828670	.0102349	.0513744
#2	.0252709	12.37866	.0483813	.0082910	-.834332	.0037069	.0518831
#3	.0201266	12.37091	.0487439	.0106447	-.757161	.0149637	.0511052

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.555710	.0007706	.0009570	-.001938	-.005692	-.038845	-.000303
Stddev	.058727	.0011408	.0004863	.000579	.003852	.012826	.001984
%RSD	10.56797	148.0439	50.81648	29.87081	67.68149	33.01847	655.3513

#1	-.495206	.0020738	.0014237	-.001283	-.006795	-.025234	.001421
#2	-.612483	-.000047	.0009940	-.002151	-.001408	-.050707	.000143
#3	-.559440	.000285	.0004532	-.002380	-.008872	-.040594	-.002472

Sample Name: ICSAB01DLX20 Acquired: 11/11/2025 13:42:54 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005930	-.010851	.0002380
Stddev	.002284	.004671	.0004704
%RSD	38.51885	43.04320	197.6756

#1	-.005749	-.011585	-.000079
#2	-.003743	-.005857	.000779
#3	-.008300	-.015111	.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.832	34169.13	2488.441	3100.721	3675.615
Stddev	5.065	146.31	24.275	23.078	6.808
%RSD	.2125731	.4281878	.9755131	.7442655	.1852199

#1	2387.727	34001.56	2502.236	3085.714	3682.800
#2	2377.612	34271.50	2460.412	3127.295	3669.261
#3	2383.156	34234.33	2502.676	3089.154	3674.783

Sample Name: CCV01 Acquired: 11/11/2025 13:47:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019719	4.913643	4.952876	4.999249	5.018388	10.01136	9.900487
Stddev	.012676	.023935	.014679	.012664	.011388	.19716	.199363
%RSD	.2525311	.4871179	.2963815	.2533183	.2269293	1.969341	2.013669

#1	5.005581	4.941270	4.936044	4.985226	5.006387	9.78840	9.674757
#2	5.023504	4.900505	4.963020	5.009852	5.019731	10.08298	9.974235
#3	5.030071	4.899154	4.959565	5.002669	5.029044	10.16269	10.05247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2525195	2.488357	24.86881	1.023559	2.501287	1.271708	5.000778
Stddev	.0059117	.005885	.47933	.005434	.005114	.004063	.007713
%RSD	2.341101	.2365000	1.927448	.5309087	.2044562	.3194617	.1542445

#1	.2459833	2.481566	24.31836	1.020392	2.495400	1.267053	5.005881
#2	.2540828	2.491963	25.09392	1.020451	2.503837	1.274542	5.004548
#3	.2574925	2.491541	25.19417	1.029834	2.504625	1.273528	4.991905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473129	24.73055	2.488916	1.263426	24.22943	2.501990	2.552263
Stddev	.048357	.68173	.005788	.000726	.07907	.062191	.003387
%RSD	1.955287	2.756635	.2325688	.0574269	.3263534	2.485673	.1327104

#1	2.419474	23.97607	2.482238	1.263105	24.23602	2.431140	2.555761
#2	2.486568	24.91328	2.492503	1.262917	24.30500	2.527273	2.552029
#3	2.513344	25.30229	2.492006	1.264257	24.14727	2.547559	2.548998

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30731	5.032141	5.099524	4.988914	4.960174	4.941249	4.966451
Stddev	.00486	.117576	.005643	.005697	.109360	.010576	.008451
%RSD	.0200101	2.336504	.1106559	.1142011	2.204755	.2140248	.1701579

#1	24.30561	4.900431	5.093024	4.982404	4.836436	4.944969	4.959478
#2	24.30353	5.069474	5.103167	4.991349	5.000220	4.949463	4.964025
#3	24.31280	5.126518	5.102381	4.992989	5.043866	4.929317	4.975849

Sample Name: CCV01 Acquired: 11/11/2025 13:47:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.887134	5.002342	4.960649
Stddev	.015166	.105278	.093083
%RSD	.3103208	2.104573	1.876437
#1	4.883627	4.883864	4.855490
#2	4.874029	5.038011	4.993976
#3	4.903746	5.085152	5.032481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.371	34227.37	2473.323	3051.688	3473.326
Stddev	5.798	196.35	49.433	24.641	10.312
%RSD	.2468738	.5736513	1.998652	.8074599	.2968906
#1	2348.194	34084.62	2522.866	3029.950	3476.601
#2	2342.664	34451.28	2473.102	3078.456	3461.774
#3	2354.255	34146.21	2424.001	3046.657	3481.602

Sample Name: CCB01 Acquired: 11/11/2025 13:51:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001406	.0051964	-.000625	-.001743	-.002295	.0034966
Stddev	.005112	.0038862	.001402	.003039	.003068	.0271330
%RSD	363.6939	74.78713	224.3039	174.4021	133.6828	775.9877

#1	-.000195	.0008594	.000233	-.002906	-.005667	.0236791
#2	-.007015	.0063669	-.002243	.001706	-.001551	-.027348
#3	.002992	.0083628	.000134	-.004029	.000333	.014159

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020050	.0000032	.0002083	.0207588	.0010135	.0000309
Stddev	.0040147	.0001919	.0003045	.0160147	.0011102	.0003877
%RSD	200.2302	5963.082	146.2005	77.14647	109.5451	1256.044

#1	.0045437	.0001781	.0000410	.0376846	.0022223	.0004764
#2	.0040949	-.000202	.0005598	.0058455	.0000394	-.000154
#3	-.002623	.000034	.0000240	.0187462	.0007787	-.000230

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000213	-.025624	-.001414	-.062021	.0005456	-.001226
Stddev	.000267	.013512	.000455	.048544	.0005668	.001178
%RSD	125.2576	52.73059	32.20079	78.26949	103.8937	96.05399

#1	-.000470	-.034839	-.000948	-.115156	.0010097	-.001024
#2	-.000233	-.010113	-.001858	-.019993	.0007132	-.000163
#3	.000063	-.031920	-.001438	-.050915	-.000086	-.002493

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.746704	-.012761	.0008785	-.538980	.0081966	.0011201
Stddev	.024050	.006617	.0002140	.018083	.0014775	.0004869
%RSD	3.220840	51.84879	24.35480	3.355033	18.02571	43.47331

#1	-.741288	-.011688	.0011147	-.539520	.0097933	.0006383
#2	-.773001	-.019849	.0006977	-.556787	.0068778	.0011099
#3	-.725824	-.006747	.0008231	-.520633	.0079186	.0016120

Sample Name: CCB01 Acquired: 11/11/2025 13:51:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001010	.0005966	.0102573	-.000416	F -.013673	-.004220
Stddev	.001374	.0014906	.0471994	.002214	.003048	.002002
%RSD	136.1103	249.8589	460.1559	532.7085	22.29125	47.44790
#1	.000469	.0017727	.0643266	-.002613	-.011944	-.004095
#2	-.002248	.0010970	-.022707	.001814	-.011882	-.006282
#3	-.001251	-.001080	-.010848	-.000448	-.017192	-.002283

Elem	Sr4077
Units	ppm
Avg	.0005724
Stddev	.0001454
%RSD	25.40975
#1	.0004050
#2	.0006677
#3	.0006444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.667	34977.45	2532.219	3143.756	3870.507
Stddev	7.770	57.23	19.862	14.405	13.741
%RSD	.3187605	.1636320	.7843573	.4582090	.3550236
#1	2446.434	34914.40	2510.641	3129.240	3885.328
#2	2431.630	34991.82	2536.279	3143.982	3858.189
#3	2434.937	35026.13	2549.737	3158.047	3868.005

Sample Name: PB170480BL Acquired: 11/11/2025 13:58:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035939	.0030392	-.001113	-.005173	-.000644	.0273646	.0009847
Stddev	.0098391	.0009879	.001612	.003228	.006524	.0332215	.0047756
%RSD	273.7689	32.50542	144.8431	62.41196	1013.530	121.4031	485.0010

#1	-.000870	.0024756	-.000326	-.001532	.003410	.0091400	.0056844
#2	-.003221	.0041799	-.000046	-.006300	.002829	.0072440	-.003863
#3	.014874	.0024621	-.002967	-.007687	-.008170	.0657098	.001133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000991	-.000051	.0555009	-.000398	.0004658	-.000269	-.027711
Stddev	.0001760	.000037	.0127942	.000160	.0004187	.000819	.010213
%RSD	177.6640	72.33728	23.05216	40.17198	89.87591	304.9873	36.85357

#1	-.000079	-.000088	.0447639	-.000215	.0009025	.000455	-.030407
#2	.000103	-.000014	.0520816	-.000513	.0000679	-.000103	-.036306
#3	.000273	-.000051	.0696574	-.000467	.0004270	-.001158	-.016421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	-.025535	-.000172	-.000454	-.907382	-.003992	.0003104
Stddev	.001612	.046029	.000645	.001003	.088380	.018249	.0011730
%RSD	585.2425	180.2575	374.6889	220.9215	9.740066	457.1227	377.8253

#1	-.001711	-.069090	.000071	-.001380	-1.00773	-.024882	.0016608
#2	-.000584	.022621	-.000904	.000611	-.87329	.008843	-.000455
#3	.001468	-.030136	.000316	-.000592	-.84113	.004063	-.000274

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.800914	.0009206	.0007332	-.001115	.0002854	-.020939	-.001298
Stddev	.117830	.0030920	.0002347	.002434	.0037777	.029831	.002224
%RSD	14.71192	335.8558	32.00610	218.2145	1323.898	142.4629	171.3260

#1	-.865297	-.002064	.0006730	-.001163	.0025550	-.050326	-.000024
#2	-.872525	.004110	.0005345	-.003525	.0023766	.009316	-.003866
#3	-.664920	.000716	.0009921	.001342	-.004076	-.021808	-.000004

Sample Name: PB170480BL Acquired: 11/11/2025 13:58:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006734	.0017969	-.000083
Stddev	.008948	.0073593	.000297
%RSD	132.8739	409.5670	357.3561

#1	-.002171	.0102043	-.000420
#2	-.000988	-.001337	.000026
#3	-.017043	-.003477	.000144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.137	33804.96	2494.464	3103.349	3716.062
Stddev	2.694	79.73	7.459	2.954	6.579
%RSD	.1137412	.2358418	.2990285	.0951994	.1770318

#1	2370.199	33713.34	2490.044	3100.610	3722.290
#2	2365.089	33858.58	2503.076	3102.959	3709.181
#3	2369.122	33842.96	2490.271	3106.480	3716.716

Sample Name: PB170480BS Acquired: 11/11/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7593483	1.765446	.9062712	1.917064	.7945830	1.982921
Stddev	.0029308	.054706	.0024249	.010521	.0050958	.024475
%RSD	.3859596	3.098724	.2675662	.5488319	.6413234	1.234268

#1	.7612535	1.727643	.9035018	1.917712	.7950749	2.002234
#2	.7559735	1.828176	.9080138	1.927247	.7892590	1.955396
#3	.7608179	1.740518	.9072978	1.906234	.7994151	1.991133

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1984107	.2043451	.1844973	1.071264	.3929825	.1906789
Stddev	.0024410	.0010017	.0003566	.039076	.0017397	.0007881
%RSD	1.230264	.4902105	.1932613	3.647625	.4426909	.4133286

#1	.1970585	.2054694	.1840876	1.102928	.3949582	.1897688
#2	.2012286	.2035476	.1846663	1.083269	.3916799	.1911317
#3	.1969451	.2040182	.1847379	1.027594	.3923095	.1911361

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3044335	2.963184	.2026650	1.994778	.4771050	.0714172
Stddev	.0011273	.008270	.0009954	.040805	.0005001	.0004326
%RSD	.3702856	.2790987	.4911531	2.045591	.1048276	.6057138

#1	.3035643	2.972525	.2015641	2.021503	.4773038	.0719142
#2	.3040289	2.956797	.2029293	1.947809	.4765360	.0711256
#3	.3057072	2.960229	.2035015	2.015022	.4774751	.0712118

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.550690	.2931730	.2048010	9.222925	.2997366	.3958354
Stddev	.067395	.0065787	.0004316	.084092	.0024796	.0007067
%RSD	2.642212	2.243962	.2107554	.9117662	.8272761	.1785226

#1	2.487265	.2990714	.2049628	9.197981	.3025130	.3950867
#2	2.621454	.2860782	.2051283	9.154127	.2989549	.3964907
#3	2.543351	.2943693	.2043118	9.316666	.2977421	.3959288

Sample Name: PB170480BS Acquired: 11/11/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6516970	.1946584	.9030402	5.481118	F -.016577	.2017127
Stddev	.0022865	.0046009	.0255261	.019366	.002328	.0025284
%RSD	.3508505	2.363574	2.826681	.3533212	14.04209	1.253458
#1	.6495315	.1896843	.8827161	5.460098	-.013930	.1987940
#2	.6514717	.1987616	.9316895	5.498235	-.017495	.2031147
#3	.6540878	.1955292	.8947152	5.485023	-.018305	.2032296

Elem	Sr4077
Units	ppm
Avg	.1955041
Stddev	.0001420
%RSD	.0726546
#1	.1953475
#2	.1956246
#3	.1955402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.804	35151.98	2474.243	3200.112	3737.582
Stddev	5.378	163.76	6.003	2.704	10.084
%RSD	.2253015	.4658766	.2426298	.0844817	.2698065
#1	2392.225	35292.45	2469.494	3201.618	3743.228
#2	2386.716	34972.10	2472.246	3196.991	3743.578
#3	2381.472	35191.38	2480.991	3201.727	3725.939

Sample Name: Q3592-01 Acquired: 11/11/2025 14:07:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555479	-.002195	.1439038	-.028782	.0159605	173.0868
Stddev	.0059246	.004385	.0025837	.002147	.0028602	.4474
%RSD	10.66568	199.7387	1.795453	7.458892	17.92054	.2584852

#1	.0609188	.002323	.1444171	-.027252	.0191969	172.8574
#2	.0491929	-.002476	.1411019	-.027858	.0137723	173.6023
#3	.0565319	-.006433	.1461923	-.031236	.0149121	172.8006

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.288477	.0115772	.0040846	1523.132	.3595236	.1116107
Stddev	.015429	.0002346	.0000905	17.074	.0004259	.0002466
%RSD	1.197437	2.026495	2.216691	1.120990	.1184629	.2209354

#1	1.291980	.0116075	.0041408	1506.439	.3599998	.1113806
#2	1.301852	.0117952	.0041327	1540.563	.3593919	.1118710
#3	1.271598	.0113289	.0039801	1522.396	.3591791	.1115806

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2193627	304.8162	6.313066	118.6117	.3210384	.0112530
Stddev	.0026299	2.6803	.040212	.4591	.0003281	.0007379
%RSD	1.198879	.8793224	.6369663	.3870526	.1022125	6.557619

#1	.2203233	303.0374	6.305013	118.1074	.3211226	.0119433
#2	.2163875	307.8990	6.356695	119.0053	.3213163	.0104752
#3	.2213771	303.5122	6.277490	118.7224	.3206764	.0113403

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.560706	.2907038	.4962235	18.94098	.4909258	.0039685
Stddev	.048615	.0017087	.0025767	.12283	.0074111	.0007748
%RSD	1.065943	.5877870	.5192610	.6484628	1.509623	19.52354

#1	4.538514	.2902830	.4936985	18.79959	.4849142	.0047869
#2	4.616456	.2925837	.4988490	19.02123	.4992061	.0038723
#3	4.527146	.2892449	.4961230	19.00213	.4886570	.0032463

Sample Name: Q3592-01 Acquired: 11/11/2025 14:07:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384332	7.205878	4.244078	6.323712	F 70.42066	.1819443
Stddev	.0014648	.039013	.028049	.030182	.15921	.0062180
%RSD	3.811209	.5414070	.6608975	.4772814	.2260786	3.417506
#1	.0368035	7.194552	4.258224	6.355190	70.42302	.1887947
#2	.0396400	7.249301	4.262237	6.320928	70.57868	.1766571
#3	.0388561	7.173781	4.211773	6.295019	70.26029	.1803813

Elem	Sr4077
Units	ppm
Avg	6.809414
Stddev	.032707
%RSD	.4803228
#1	6.807320
#2	6.777804
#3	6.843118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.221	33824.34	2646.262	3170.588	2913.651
Stddev	2.301	182.58	12.667	24.362	6.961
%RSD	.0946407	.5397952	.4786604	.7683851	.2389014
#1	2429.418	33860.18	2636.188	3179.756	2905.741
#2	2433.813	33626.50	2642.116	3142.971	2916.370
#3	2430.433	33986.35	2660.482	3189.035	2918.842

Sample Name: Q3597-01 Acquired: 11/11/2025 14:12:02 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438368	-.003657	.0229967	-.003611	.0007021	14.49806	.0784420
Stddev	.0022160	.005534	.0032272	.004237	.0006028	.02957	.0032256
%RSD	5.055193	151.3019	14.03346	117.3115	85.85496	.2039641	4.112027

#1	.0424565	-.009979	.0264116	-.008468	.0001028	14.46793	.0809552
#2	.0463930	.000309	.0199974	-.000676	.0013083	14.49923	.0795660
#3	.0426610	-.001302	.0225811	-.001690	.0006951	14.52703	.0748049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041908	-.001004	3.133296	.0385866	.0422447	.0350962	117.0884
Stddev	.0001073	.000128	.009674	.0003501	.0004893	.0009473	.4163
%RSD	2.559540	12.71224	.3087419	.9074404	1.158354	2.699138	.3555166

#1	.0042066	-.000971	3.138355	.0383885	.0426490	.0357545	116.6149
#2	.0042893	-.000895	3.122142	.0389909	.0423844	.0340105	117.3967
#3	.0040766	-.001144	3.139391	.0383804	.0417007	.0355236	117.2536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7876231	.9050656	.0211666	.0025506	-.615915	.0607811	.0698997
Stddev	.0090604	.0062669	.0002378	.0008032	.045326	.0178350	.0002918
%RSD	1.150349	.6924227	1.123525	31.48913	7.359153	29.34294	.4173791

#1	.7965617	.9025790	.0209189	.0016733	-.565562	.0706436	.0702338
#2	.7878620	.9004237	.0211878	.0032496	-.628727	.0401931	.0697699
#3	.7784456	.9121942	.0213931	.0027289	-.653456	.0715067	.0696954

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532957	.0868292	.0009980	.0105491	.3320343	8.926928	2.742225
Stddev	.080398	.0013924	.0005870	.0012467	.0039866	.026837	.012146
%RSD	5.244634	1.603578	58.81625	11.81818	1.200668	.3006290	.4429272

#1	1.451933	.0852712	.0004382	.0117913	.3335398	8.899642	2.741088
#2	1.534224	.0879519	.0016089	.0092979	.3350490	8.927851	2.754899
#3	1.612714	.0872646	.0009471	.0105580	.3275142	8.953292	2.730687

Sample Name: Q3597-01 Acquired: 11/11/2025 14:12:02 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4833180	.0094972	-.102965
Stddev	.0023067	.0038999	.000824
%RSD	.4772554	41.06368	.8003977
#1	.4850025	.0136424	-.102043
#2	.4842625	.0089487	-.103629
#3	.4806890	.0059006	-.103222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.193	35608.85	2551.788	3226.664	3764.558
Stddev	8.205	82.88	14.756	7.162	9.460
%RSD	.3305723	.2327529	.5782509	.2219496	.2512856
#1	2474.002	35677.73	2534.754	3218.426	3755.629
#2	2482.162	35631.95	2560.648	3230.158	3763.574
#3	2490.413	35516.87	2559.961	3231.407	3774.472

Sample Name: Q3597-04 Acquired: 11/11/2025 14:16:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0708448	-.006024	.1789850	-.007424	.0003418	8.174643
Stddev	.0068444	.002502	.0017287	.001943	.0012583	.057216
%RSD	9.661088	41.54066	.9658389	26.16783	368.0872	.6999150

#1	.0723080	-.008873	.1780866	-.005836	.0016994	8.129731
#2	.0633871	-.004180	.1778904	-.006846	.0001117	8.155136
#3	.0768392	-.005020	.1809779	-.009590	-.000785	8.239061

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1361774	.0041955	-.000773	4.378070	.0227480	.0190802
Stddev	.0016255	.0002211	.000306	.008254	.0003151	.0004991
%RSD	1.193625	5.270861	39.56954	.1885327	1.385195	2.616071

#1	.1344591	.0040245	-.001091	4.385581	.0225514	.0185243
#2	.1376906	.0044453	-.000480	4.379397	.0231114	.0194900
#3	.1363824	.0041168	-.000749	4.369234	.0225811	.0192263

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443438	129.5765	.6265149	.5792944	.0192769	.0025938
Stddev	.0009759	.9693	.0021675	.0256446	.0004972	.0014963
%RSD	2.200873	.7480170	.3459532	4.426865	2.579286	57.68722

#1	.0452789	130.0051	.6247968	.5689577	.0195913	.0032162
#2	.0444211	128.4668	.6257979	.6084942	.0195358	.0008867
#3	.0433316	130.2576	.6289500	.5604314	.0187037	.0036784

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.03826	.0559517	.0874135	-.417484	.0712196	.0023146
Stddev	.06605	.0114086	.0004109	.136344	.0040788	.0002350
%RSD	6.361908	20.39003	.4701223	32.65864	5.727065	10.15503

#1	-1.03695	.0445725	.0869942	-.540985	.0726683	.0025768
#2	-.97287	.0673894	.0874308	-.440294	.0666143	.0022445
#3	-1.10495	.0558932	.0878155	-.271173	.0743764	.0021227

Sample Name: Q3597-04 Acquired: 11/11/2025 14:16:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375598	.1590337	3.300630	3.487879	.0652674	.0039368
Stddev	.0012736	.0019610	.097259	.011016	.0047813	.0014432
%RSD	3.390915	1.233080	2.946667	.3158365	7.325700	36.65802

#1	.0363452	.1570587	3.322711	3.479131	.0628125	.0042367
#2	.0388852	.1609804	3.194229	3.500250	.0707775	.0023673
#3	.0374489	.1590621	3.384949	3.484255	.0622123	.0052064

Elem	Sr4077
Units	ppm
Avg	-.100720
Stddev	.000727
%RSD	.7221710

#1	-.101040
#2	-.099888
#3	-.101233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.485	36577.17	2568.589	3305.973	3819.834
Stddev	3.653	234.58	12.151	39.044	.738
%RSD	.1450503	.6413424	.4730577	1.181008	.0193269

#1	2514.281	36633.80	2582.244	3322.426	3819.358
#2	2520.894	36778.25	2564.557	3334.097	3819.459
#3	2520.278	36319.45	2558.967	3261.395	3820.685

Sample Name: Q3597-07 Acquired: 11/11/2025 14:20:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000754	-.009369	.0450290	-.005179	.0061810	17.20307
Stddev	.0070386	.001223	.0022692	.003771	.0034668	.10306
%RSD	7.033298	13.05838	5.039392	72.81905	56.08781	.5991011

#1	.0996285	-.010457	.0432423	-.008919	.0033027	17.12903
#2	.1073269	-.009604	.0475822	-.001377	.0100295	17.15939
#3	.0932710	-.008044	.0442626	-.005242	.0052107	17.32078

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799040	.0092704	-.002398	7.988501	.0804950	.0299282
Stddev	.0012814	.0003185	.000329	.025779	.0003015	.0004698
%RSD	1.603682	3.435837	13.73364	.3227020	.3745633	1.569638

#1	.0813737	.0095698	-.002178	7.977961	.0808357	.0299951
#2	.0793169	.0089357	-.002777	7.969663	.0803867	.0303610
#3	.0790213	.0093057	-.002240	8.017880	.0802627	.0294286

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777145	295.3142	.5960142	1.376243	.0426460	.0092967
Stddev	.0025330	.6106	.0059019	.027769	.0005471	.0003068
%RSD	3.259302	.2067615	.9902321	2.017771	1.282919	3.300161

#1	.0801699	295.1163	.5933662	1.398430	.0424496	.0090334
#2	.0751105	294.8271	.5919000	1.385198	.0432642	.0092230
#3	.0778629	295.9992	.6027763	1.345101	.0422242	.0096336

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.08772	.0922762	.1249870	.9516727	.1848946	.0038738
Stddev	.08789	.0016156	.0006168	.1752032	.0046721	.0003272
%RSD	8.080344	1.750868	.4935084	18.41003	2.526901	8.446673

#1	-1.12453	.0925899	.1242912	.8130384	.1893805	.0041402
#2	-1.15122	.0905268	.1252027	.8933905	.1852469	.0035086
#3	-.98741	.0937120	.1254669	1.148589	.1800563	.0039726

Sample Name: Q3597-07 Acquired: 11/11/2025 14:20:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101634	.3070120	6.422399	7.482860	.0715439	.0181373
Stddev	.0001747	.0360567	.096803	.053034	.0035732	.0045451
%RSD	1.718807	11.74440	1.507268	.7087440	4.994473	25.05921

#1	.0103210	.2852925	6.486916	7.535949	.0677829	.0214874
#2	.0101935	.2871100	6.311090	7.429881	.0719549	.0129637
#3	.0099756	.3486335	6.469190	7.482751	.0748938	.0199610

Elem	Sr4077
Units	ppm
Avg	-.266674
Stddev	.000200
%RSD	.0750057

#1	-.266853
#2	-.266458
#3	-.266712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.661	35981.62	2585.169	3230.143	3741.015
Stddev	17.214	71.99	7.785	17.816	25.556
%RSD	.6853531	.2000751	.3011428	.5515559	.6831335

#1	2500.090	36044.07	2593.891	3250.699	3725.130
#2	2531.443	35902.88	2582.694	3219.167	3770.495
#3	2503.450	35997.90	2578.922	3220.562	3727.419

Sample Name: Q3597-10 Acquired: 11/11/2025 14:24:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1019002	-.004121	.0651316	-.001980	.0031871	13.06038
Stddev	.0011237	.011362	.0009827	.006031	.0030620	.06493
%RSD	1.102779	275.7016	1.508790	304.6868	96.07565	.4971906

#1	.1020334	-.007382	.0662178	-.004660	.0022040	12.99818
#2	.1007158	-.013496	.0643042	-.006206	.0066200	13.05520
#3	.1029514	.008515	.0648728	.004927	.0007373	13.12774

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750087	.0063297	-.001808	6.402214	.1184822	.0326618
Stddev	.0019265	.0000585	.000323	.027943	.0007448	.0005247
%RSD	2.568317	.9241694	17.84524	.4364594	.6285932	1.606366

#1	.0727898	.0063939	-.001550	6.372438	.1179059	.0331782
#2	.0762535	.0063156	-.001704	6.427865	.1182176	.0326780
#3	.0759829	.0062795	-.002170	6.406338	.1193232	.0321292

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559228	194.2781	.5113392	.9415900	.0306876	.0059986
Stddev	.0014760	.8021	.0020765	.0638233	.0008095	.0004213
%RSD	2.639414	.4128739	.4060945	6.778247	2.637745	7.022784

#1	.0576126	193.5709	.5093471	.8685068	.0303482	.0056604
#2	.0552710	194.1137	.5134910	.9699124	.0316115	.0064705
#3	.0548849	195.1497	.5111796	.9863507	.0301030	.0058649

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.12985	.1225825	.1223032	.6704543	.1401037	.0057294
Stddev	.03591	.0086770	.0003615	.0484574	.0009670	.0006132
%RSD	3.177901	7.078510	.2955584	7.227544	.6902193	10.70209

#1	-1.12833	.1128908	.1226944	.7193668	.1390864	.0055103
#2	-1.16650	.1252278	.1222335	.6224652	.1402137	.0052558
#3	-1.09474	.1296291	.1219816	.6695310	.1410111	.0064220

Sample Name: Q3597-10 Acquired: 11/11/2025 14:24:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329714	.2314885	5.782570	4.298766	.0907456	.0170091
Stddev	.0019658	.0056203	.062679	.020562	.0025238	.0069684
%RSD	5.962090	2.427901	1.083923	.4783332	2.781220	40.96878

#1	.0312903	.2375518	5.837187	4.314030	.0918578	.0202523
#2	.0324912	.2304604	5.796386	4.306884	.0925224	.0090102
#3	.0351328	.2264531	5.714136	4.275383	.0878567	.0217647

Elem	Sr4077
Units	ppm
Avg	-.166690
Stddev	.000584
%RSD	.3503917

#1	-.166176
#2	-.166567
#3	-.167325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.282	35883.82	2616.730	3230.647	3758.195
Stddev	8.430	83.48	6.021	5.722	7.859
%RSD	.3387918	.2326372	.2300916	.1771027	.2091037

#1	2491.441	35825.81	2612.382	3228.276	3766.902
#2	2494.677	35979.49	2614.204	3226.492	3756.055
#3	2478.729	35846.15	2623.602	3237.173	3751.628

Sample Name: Q3598-01 Acquired: 11/11/2025 14:28:36 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763572	.0023553	.1521408	-.008205	.0048676	182.1584
Stddev	.0104353	.0020727	.0024628	.004708	.0020586	1.1238
%RSD	13.66648	88.00340	1.618773	57.37709	42.29246	.6169157

#1	.0734701	-.000030	.1501982	-.011159	.0058686	183.2272
#2	.0676693	.003382	.1513134	-.010679	.0024999	182.2613
#3	.0879321	.003714	.1549107	-.002776	.0062343	180.9867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5314280	.0097278	.0034537	472.8977	.1928860	.0631242
Stddev	.0074476	.0001208	.0003019	3.0569	.0010026	.0007693
%RSD	1.401432	1.242023	8.740249	.6464250	.5198017	1.218709

#1	.5358750	.0098481	.0034133	475.5714	.1940422	.0637473
#2	.5355790	.0096064	.0031741	473.5567	.1923603	.0622644
#3	.5228300	.0097290	.0037737	469.5650	.1922556	.0633611

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1731320	168.7598	3.026428	63.28473	.1413837	.0068675
Stddev	.0011399	1.2147	.025107	.45563	.0010579	.0002345
%RSD	.6583855	.7198020	.8295815	.7199715	.7482319	3.414237

#1	.1743016	168.0209	3.043307	63.75779	.1408642	.0067550
#2	.1730702	170.1617	3.038400	63.24761	.1426009	.0071371
#3	.1720243	168.0966	2.997576	62.84880	.1406860	.0067106

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.42288	.1712240	.5054284	9.155217	.2528547	.0061626
Stddev	.25056	.0071953	.0010248	.223091	.0064841	.0009639
%RSD	1.025929	4.202252	.2027549	2.436763	2.564369	15.64023

#1	24.24324	.1630504	.5066075	8.950750	.2469901	.0072425
#2	24.70911	.1766018	.5049254	9.393151	.2598180	.0053894
#3	24.31629	.1740197	.5047524	9.121750	.2517561	.0058560

Sample Name: Q3598-01 Acquired: 11/11/2025 14:28:36 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256184	6.327372	6.306516	8.463968	F 10.92823	.0127925
Stddev	.0008118	.038365	.146881	.015878	.05877	.0009412
%RSD	3.168769	.6063312	2.329030	.1875934	.5377568	7.357718
#1	.0257574	6.352863	6.151793	8.450280	10.86072	.0137685
#2	.0263516	6.346003	6.444040	8.460250	10.96790	.0118904
#3	.0247460	6.283249	6.323714	8.481375	10.95607	.0127187

Elem	Sr4077
Units	ppm
Avg	1.205494
Stddev	.008780
%RSD	.7283212
#1	1.212148
#2	1.208791
#3	1.195543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.645	36874.60	2860.247	3433.353	3197.770
Stddev	1.654	73.80	22.331	7.113	3.249
%RSD	.0632252	.2001297	.7807293	.2071621	.1015951
#1	2618.349	36957.17	2834.558	3427.029	3201.379
#2	2615.046	36851.59	2875.012	3441.053	3195.080
#3	2616.539	36815.06	2871.173	3431.977	3196.850

Sample Name: Q3599-01 Acquired: 11/11/2025 14:32:40 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160787	.0004748	.2144112	-.028573	.0190523	134.3350
Stddev	.0051862	.0133545	.0036271	.008716	.0054359	.5299
%RSD	4.467809	2812.434	1.691640	30.50444	28.53151	.3944690

#1	.1139991	-.014881	.2177190	-.036741	.0138949	133.7750
#2	.1219819	.006931	.2105326	-.029582	.0247294	134.4014
#3	.1122550	.009375	.2149819	-.019397	.0185326	134.8285

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6054210	.0111461	.0083203	F 2727.767	.3031718	.2067359
Stddev	.0008995	.0001273	.0002148	46.627	.0015507	.0007896
%RSD	.1485731	1.142126	2.581328	1.709347	.5114747	.3819393

#1	.6045565	.0110197	.0081631	2676.241	.3045420	.2063843
#2	.6063518	.0111445	.0085650	2767.052	.3014885	.2061831
#3	.6053547	.0112742	.0082327	2740.009	.3034848	.2076402

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5444461	363.4666	7.562184	1650.361	.3495401	.0096740
Stddev	.0012212	.8885	.031586	4.872	.0008477	.0007782
%RSD	.2242935	.2444526	.4176785	.2952114	.2425089	8.043792

#1	.5433085	363.7160	7.541661	1645.440	.3488675	.0089245
#2	.5457364	362.4800	7.546335	1650.461	.3492606	.0104779
#3	.5442933	364.2037	7.598556	1655.183	.3504922	.0096195

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.635562	.5690325	.6378793	18.19908	2.364513	.0014708
Stddev	.184506	.0069666	.0035509	.22978	.010833	.0003598
%RSD	1.914844	1.224281	.5566699	1.262595	.4581338	24.46254

#1	9.486162	.5742156	.6345870	18.08342	2.364061	.0016629
#2	9.578723	.5611132	.6374089	18.05011	2.353913	.0016937
#3	9.841800	.5717687	.6416419	18.46371	2.375564	.0010557

Sample Name: Q3599-01 Acquired: 11/11/2025 14:32:40 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162316	7.245578	F 11.19847	F 11.34726	8.238922	-.154449
Stddev	.0015581	.044389	.02508	.02316	.020602	.002891
%RSD	9.599374	.6126391	.2239183	.2041253	.2500519	1.871846
#1	.0164908	7.194391	11.21452	11.36323	8.252731	-.151694
#2	.0145601	7.268872	11.16958	11.32069	8.215242	-.157459
#3	.0176439	7.273473	11.21132	11.35784	8.248793	-.154194

Elem	Sr4077
Units	ppm
Avg	1.371126
Stddev	.009513
%RSD	.6938423
#1	1.361241
#2	1.371918
#3	1.380219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.378	33148.14	2718.997	3064.138	2480.372
Stddev	5.995	81.62	17.510	13.326	2.680
%RSD	.2570391	.2462186	.6439791	.4349076	.1080611
#1	2328.733	33222.57	2738.455	3069.636	2480.059
#2	2339.297	33160.99	2714.029	3073.835	2483.195
#3	2329.103	33060.86	2704.509	3048.942	2477.861

Sample Name: Q3600-01 Acquired: 11/11/2025 14:36:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694477	.0023452	.2164255	-.015585	.0220890	129.1357
Stddev	.0063854	.0019413	.0037259	.008273	.0048589	.5941
%RSD	9.194569	82.77645	1.721563	53.08031	21.99689	.4600768

#1	.0743236	.0003525	.2195275	-.006291	.0184395	128.5238
#2	.0717997	.0042306	.2174563	-.018322	.0202233	129.1731
#3	.0622199	.0024526	.2122927	-.022143	.0276043	129.7103

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243459	.0081998	.0033756	1103.154	.7079963	.0914654
Stddev	.005357	.0000625	.0001811	5.309	.0054054	.0002735
%RSD	.4308470	.7620931	5.364974	.4812686	.7634791	.2989939

#1	1.237672	.0081376	.0031897	1097.663	.7018048	.0911761
#2	1.248246	.0082626	.0033858	1103.537	.7104087	.0917197
#3	1.244458	.0081990	.0035514	1108.261	.7117755	.0915003

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4037905	230.9459	2.311990	86.31088	.4569591	.0081720
Stddev	.0010413	1.9806	.012397	.39641	.0011187	.0010140
%RSD	.2578788	.8575935	.5362052	.4592808	.2448087	12.40767

#1	.4026685	232.3380	2.297871	85.90573	.4561677	.0075353
#2	.4047257	231.8212	2.321094	86.32898	.4582389	.0093412
#3	.4039774	228.6785	2.317006	86.69793	.4564707	.0076393

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799493	.3977943	14.45489	7.238483	.3857310	.0289832
Stddev	.098412	.0141514	.04863	.111048	.0119798	.0013762
%RSD	5.468880	3.557462	.3363937	1.534136	3.105727	4.748208

#1	1.792208	.4082865	14.40521	7.170347	.3984514	.0296663
#2	1.901345	.4033970	14.45708	7.366624	.3840779	.0273991
#3	1.704925	.3816994	14.50239	7.178478	.3746636	.0298841

Sample Name: Q3600-01 Acquired: 11/11/2025 14:36:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279920	5.982746	5.420756	5.604928	F 36.36418	-.068531
Stddev	.0030376	.035983	.074776	.024166	.20001	.001082
%RSD	10.85161	.6014490	1.379432	.4311490	.5500181	1.578386
#1	.0262621	5.944381	5.497407	5.590317	36.22138	-.069645
#2	.0314994	6.015745	5.416854	5.632822	36.59278	-.067485
#3	.0262146	5.988111	5.348008	5.591646	36.27839	-.068463

Elem	Sr4077
Units	ppm
Avg	6.238882
Stddev	.024619
%RSD	.3946043
#1	6.211804
#2	6.259915
#3	6.244927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.433	34682.07	2689.002	3213.935	3076.027
Stddev	7.085	96.13	20.431	7.610	9.047
%RSD	.2861049	.2771706	.7597826	.2367880	.2941128
#1	2468.331	34632.13	2711.610	3207.445	3065.835
#2	2481.466	34621.18	2683.533	3212.050	3079.139
#3	2479.503	34792.89	2671.862	3222.311	3083.107

Sample Name: CCV02 Acquired: 11/11/2025 14:40:55 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	4.979179	4.810635	4.916163	4.986088	4.991681	10.04521	9.881236
Stddev	.002686	.065326	.007294	.011541	.011881	.06357	.103663
%RSD	.0539515	1.357953	.1483626	.2314681	.2380137	.6328594	1.049090

#1	4.976083	4.874457	4.908357	4.992616	4.988339	10.08310	9.931064
#2	4.980557	4.743902	4.917328	4.972762	4.981830	10.08071	9.950577
#3	4.980896	4.813546	4.922804	4.992885	5.004875	9.97182	9.762068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2541345	2.467753	25.14173	1.002388	2.472533	1.253857	4.956579
Stddev	.0034596	.006918	.03478	.006733	.006425	.000644	.056082
%RSD	1.361346	.2803219	.1383244	.6716701	.2598588	.0513505	1.131473

#1	.2555578	2.459927	25.16551	1.007420	2.465261	1.253789	4.936118
#2	.2566555	2.470282	25.15787	.994740	2.474898	1.253250	4.913600
#3	.2501903	2.473051	25.10182	1.005004	2.477441	1.254533	5.020019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.480735	24.77791	2.467815	1.246318	24.05476	2.483077	2.509394
Stddev	.035461	.21995	.006624	.007855	.10640	.024966	.011977
%RSD	1.429439	.8876736	.2684334	.6302873	.4423069	1.005464	.4772995

#1	2.479832	24.87437	2.460269	1.250073	24.17662	2.492432	2.513234
#2	2.516639	24.93314	2.470501	1.237290	23.98033	2.502014	2.495968
#3	2.445734	24.52621	2.472674	1.251591	24.00732	2.454784	2.518980

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65253	5.063527	5.001477	4.940015	4.960136	4.926675	4.972565
Stddev	.29868	.061829	.003366	.011810	.047329	.052115	.019072
%RSD	1.262779	1.221066	.0673018	.2390621	.9541883	1.057817	.3835397

#1	23.99644	5.075521	5.005291	4.927165	5.000676	4.975123	4.950559
#2	23.50295	5.118481	4.998919	4.942487	4.971606	4.871539	4.982829
#3	23.45819	4.996580	5.000222	4.950393	4.908126	4.933363	4.984306

Sample Name: CCV02 Acquired: 11/11/2025 14:40:55 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.906705	5.028543	4.947142
Stddev	.014241	.052249	.043711
%RSD	.2902309	1.039052	.8835640
#1	4.908749	5.053834	4.976343
#2	4.891553	5.063334	4.968193
#3	4.919814	4.968461	4.896888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.697	34562.07	2456.943	3114.878	3520.300
Stddev	1.855	198.61	26.359	25.513	4.163
%RSD	.0774806	.5746525	1.072834	.8190740	.1182489
#1	2391.646	34404.64	2447.456	3111.067	3525.088
#2	2394.190	34785.21	2436.641	3142.082	3518.271
#3	2395.256	34496.36	2486.733	3091.484	3517.541

Sample Name: CCB02 Acquired: 11/11/2025 14:44:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	-.000607	.0060524	-.000048	-.003451	-.001427	.0072511	.0060094
Stddev	.002273	.0032025	.001051	.001178	.003227	.0196845	.0020861
%RSD	374.4209	52.91240	2210.361	34.12603	226.1143	271.4704	34.71338

#1	.000921	.0025096	-.000266	-.004049	.001298	.0007729	.0079694
#2	-.003220	.0087414	.001095	-.004209	-.004991	-.008378	.0038167
#3	.000477	.0069063	-.000972	-.002094	-.000589	.029358	.0062421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000689	.0002501	.1435330	.0003043	.0005668	.0003610	-.003095
Stddev	.0001443	.0001397	.0297149	.0006036	.0002790	.0011915	.027899
%RSD	209.4434	55.85895	20.70252	198.3872	49.23050	330.0219	901.3987

#1	.0001345	.0003466	.1107925	.0006159	.0003436	-.001015	.023345
#2	-.000097	.0003139	.1510138	.0006884	.0004771	.001045	-.000376
#3	.000169	.0000899	.1687926	-.000391	.0008797	.001053	-.032254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004030	.0265782	.0004977	-.001317	-.368358	-.010650	.0008879
Stddev	.0028485	.0686490	.0003684	.001034	.018850	.004877	.0003807
%RSD	706.8171	258.2902	74.01349	78.55032	5.117377	45.78999	42.87325

#1	-.002709	.1056499	.0004263	-.000135	-.388099	-.008513	.0008508
#2	.001037	-.017798	.0008966	-.002056	-.350547	-.007207	.0012858
#3	.002881	-.008117	.0001703	-.001759	-.366428	-.016230	.0005272

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.349658	.0109082	.0015551	-.000056	-.002521	.0011791	.0019239
Stddev	.085454	.0023478	.0004685	.000263	.004038	.0089430	.0020645
%RSD	24.43917	21.52311	30.13007	468.0952	160.1917	758.4903	107.3121

#1	-.288399	.0100393	.0018876	.000092	-.005188	.0113914	.0003348
#2	-.313298	.0135666	.0010192	-.000360	-.004499	-.005253	.0011794
#3	-.447279	.0091187	.0017584	.000099	.002125	-.002602	.0042574

Sample Name: CCB02 Acquired: 11/11/2025 14:44:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000285	-.003511	.0008623
Stddev	.003779	.003553	.0002966
%RSD	1324.582	101.2075	34.39241
#1	.001226	-.007306	.0011701
#2	-.004586	-.000262	.0008383
#3	.002504	-.002965	.0005784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.968	35596.40	2542.979	3190.186	3865.594
Stddev	54.951	78.26	5.516	3.943	90.069
%RSD	2.256748	.2198505	.2169208	.1236070	2.330018
#1	2471.415	35674.82	2548.679	3186.852	3925.656
#2	2461.726	35518.30	2542.590	3189.169	3909.095
#3	2371.763	35596.08	2537.667	3194.539	3762.032

Sample Name: Q3601-01 Acquired: 11/11/2025 14:49:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323314	-.007996	2.782653	.0007326	.0193601	167.3688
Stddev	.0012904	.005482	.004179	.0062606	.0045102	.5576
%RSD	.9750874	68.55538	.1501650	854.5168	23.29642	.3331333

#1	.1336937	-.010163	2.778133	.0013319	.0187980	166.7307
#2	.1311276	-.012062	2.783452	.0066721	.0241250	167.6135
#3	.1321729	-.001762	2.786375	-.005806	.0151572	167.7621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.678137	.0143331	.0120789	160.9474	.3241395	.1936056
Stddev	.008624	.0001546	.0002909	.3776	.0009102	.0005342
%RSD	.5139235	1.078418	2.407902	.2346241	.2808123	.2759337

#1	1.674884	.0145045	.0117432	160.5282	.3232815	.1930080
#2	1.671612	.0142042	.0122383	161.0529	.3240427	.1940369
#3	1.687914	.0142908	.0122552	161.2610	.3250942	.1937719

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9230536	370.8806	7.617976	67.86409	.4088535	.0135056
Stddev	.0017343	.4864	.010523	.08564	.0022655	.0009164
%RSD	.1878916	.1311513	.1381283	.1261919	.5541210	6.785101

#1	.9249972	370.3204	7.612824	67.76523	.4063221	.0124610
#2	.9216639	371.1256	7.611022	67.91555	.4106909	.0138813
#3	.9224996	371.1958	7.630082	67.91149	.4095475	.0141743

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.335661	.5305216	2.017032	18.54348	.4020213	.0125756
Stddev	.077266	.0127029	.004406	.11798	.0029845	.0009249
%RSD	3.308115	2.394421	.2184474	.6362230	.7423643	7.354794

#1	2.291933	.5309559	2.021033	18.67193	.4005695	.0124436
#2	2.290175	.5430017	2.012310	18.51854	.4054538	.0135593
#3	2.424875	.5176070	2.017753	18.43996	.4000404	.0117237

Sample Name: Q3601-01 Acquired: 11/11/2025 14:49:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1917699	5.362126	F 10.18289	F 10.79905	9.567405	.2450911
Stddev	.0039859	.019381	.08314	.05322	.053219	.0037486
%RSD	2.078486	.3614474	.8164501	.4928230	.5562548	1.529484
#1	.1915809	5.343934	10.14459	10.74492	9.508815	.2469679
#2	.1958469	5.382510	10.12580	10.85131	9.612753	.2407747
#3	.1878818	5.359934	10.27827	10.80091	9.580646	.2475305

Elem	Sr4077
Units	ppm
Avg	.4004051
Stddev	.0013737
%RSD	.3430730
#1	.3993826
#2	.3998663
#3	.4019665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.207	42966.07	3259.729	3957.588	3351.262
Stddev	13.261	84.52	8.043	10.016	10.128
%RSD	.4329119	.1967031	.2467503	.2530887	.3022000
#1	3053.176	42882.20	3251.906	3946.557	3347.194
#2	3078.242	43051.22	3267.976	3960.094	3362.791
#3	3058.204	42964.78	3259.304	3966.114	3343.801

Sample Name: Q3601-05 Acquired: 11/11/2025 14:53:12 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1456671	-.012686	5.877116	-.006764	.0234066	122.6700	2.433254
Stddev	.0076224	.003724	.020073	.006212	.0016179	.7818	.020230
%RSD	5.232743	29.35065	.3415399	91.83249	6.912212	.6373512	.8314047

#1	.1463918	-.008431	5.899564	-.013814	.0216220	123.1685	2.455969
#2	.1377083	-.014283	5.860893	-.004381	.0238204	123.0727	2.426618
#3	.1529013	-.015346	5.870891	-.002097	.0247774	121.7689	2.417176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116119	.0123208	258.3088	.3704952	.1394062	1.166634	316.2176
Stddev	.0001542	.0004580	1.7564	.0008196	.0005644	.001165	2.1369
%RSD	1.328193	3.717518	.6799446	.2212212	.4048322	.0998520	.6757685

#1	.0115466	.0119425	259.8072	.3695711	.1387551	1.165836	317.5700
#2	.0117880	.0128300	258.7431	.3707806	.1397099	1.167971	313.7541
#3	.0115011	.0121897	256.3760	.3711340	.1397538	1.166096	317.3288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.813277	80.74818	.3680044	.0122024	4.707037	.4989672	3.807134
Stddev	.039137	.64614	.0020207	.0014703	.108302	.0042189	.013732
%RSD	.6732372	.8001973	.5490947	12.04959	2.300844	.8455336	.3606828

#1	5.854473	81.12076	.3684802	.0134845	4.656012	.5019763	3.791650
#2	5.808770	81.12172	.3657883	.0105975	4.633673	.4941448	3.817833
#3	5.776589	80.00208	.3697449	.0125252	4.831426	.5007805	3.811919

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72105	.4872063	.0195233	.2481254	5.602110	7.427155	7.999910
Stddev	.15903	.0114572	.0001693	.0015434	.021591	.232928	.021741
%RSD	1.080303	2.351613	.8672322	.6220170	.3854059	3.136166	.2717690

#1	14.85131	.4920669	.0193281	.2475418	5.618921	7.544080	8.018618
#2	14.54382	.4741201	.0196301	.2469590	5.609648	7.158927	7.976058
#3	14.76803	.4954319	.0196118	.2498755	5.577760	7.578460	8.005053

Sample Name: Q3601-05 Acquired: 11/11/2025 14:53:12 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.088439	.1620554	.9144673
Stddev	.031846	.0025737	.0092920
%RSD	.3503994	1.588176	1.016116
#1	9.116944	.1601884	.9240991
#2	9.054068	.1609865	.9137457
#3	9.094305	.1649914	.9055571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.293	39184.75	2995.064	3592.713	3308.719
Stddev	13.618	38.79	31.770	9.831	12.069
%RSD	.4914121	.0989938	1.060729	.2736281	.3647637
#1	2787.009	39157.75	2986.453	3603.548	3321.553
#2	2762.981	39167.29	2968.488	3590.225	3307.003
#3	2763.888	39229.20	3030.252	3584.364	3297.599

Sample Name: Q3601-09 Acquired: 11/11/2025 14:57:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795700	-.018142	9.466227	-.009477	.0902946	78.14945
Stddev	.0026360	.006126	.029140	.002017	.0043103	.36144
%RSD	3.312775	33.76821	.3078305	21.28024	4.773574	.4624963

#1	.0822557	-.019815	9.499154	-.011769	.0871214	78.53946
#2	.0794676	-.023258	9.455762	-.008687	.0952018	77.82578
#3	.0769868	-.011353	9.443765	-.007975	.0885605	78.08311

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183483	.0076518	.0281250	106.4407	.3459158	.1803803
Stddev	.003676	.0000459	.0002527	.3043	.0004833	.0001380
%RSD	.3106149	.6004051	.8984745	.2858587	.1397208	.0765185

#1	1.185444	.0076906	.0284164	106.7645	.3461867	.1802443
#2	1.179243	.0076010	.0279660	106.1607	.3462029	.1805202
#3	1.185763	.0076637	.0279926	106.3968	.3453578	.1803765

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383770	280.4355	10.66457	45.67271	.4234110	.0122284
Stddev	.002657	1.4082	.04908	.37682	.0007000	.0006909
%RSD	.1920197	.5021640	.4602583	.8250459	.1653317	5.649780

#1	1.386829	278.8271	10.71228	46.05435	.4240477	.0121543
#2	1.382444	281.0330	10.61421	45.30090	.4226614	.0129533
#3	1.382037	281.4465	10.66721	45.66290	.4235239	.0115776

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9459235	.3224561	3.086568	19.30213	.2689642	.0189134
Stddev	.0084549	.0099867	.003714	.16933	.0105055	.0006582
%RSD	.8938260	3.097067	.1203424	.8772367	3.905907	3.480094

#1	.9443971	.3291128	3.087647	19.11999	.2569271	.0196731
#2	.9550376	.3109730	3.082434	19.45475	.2762851	.0185157
#3	.9383357	.3272825	3.089624	19.33166	.2736804	.0185514

Sample Name: Q3601-09 Acquired: 11/11/2025 14:57:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275303	5.195831	4.882355	F 22.19028	7.228257	.1019951
Stddev	.004047	.025847	.083027	.04065	.013114	.0042182
%RSD	.3173205	.4974615	1.700549	.1831961	.1814208	4.135690
#1	1.270641	5.216185	4.795311	22.19692	7.241321	.1045321
#2	1.277358	5.166750	4.891078	22.14672	7.228357	.0971257
#3	1.277910	5.204559	4.960676	22.22720	7.215094	.1043274

Elem	Sr4077
Units	ppm
Avg	-.012740
Stddev	.001990
%RSD	15.62369
#1	-.010592
#2	-.014522
#3	-.013105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.835	57578.68	4320.825	5309.439	3300.743
Stddev	8.699	139.09	29.998	24.941	5.882
%RSD	.2164002	.2415639	.6942561	.4697397	.1782123
#1	4021.499	57739.08	4287.313	5338.197	3299.014
#2	4027.582	57491.35	4345.169	5296.376	3307.296
#3	4010.424	57505.63	4329.993	5293.743	3295.919

Sample Name: Q3601-13 Acquired: 11/11/2025 15:01:16 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888846	-.012452	6.090829	-.016032	.0125930	120.9905
Stddev	.0019925	.008267	.063982	.005363	.0007313	.9622
%RSD	2.241640	66.39338	1.050473	33.45163	5.807188	.7952543

#1	.0893029	-.011383	6.021005	-.020882	.0125449	119.9859
#2	.0867162	-.004771	6.104831	-.010273	.0118869	121.9037
#3	.0906347	-.021202	6.146651	-.016941	.0133471	121.0819

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.325012	.0101304	.0114928	423.7540	.2575576	.2045795
Stddev	.013790	.0004791	.0010196	4.6046	.0112559	.0024171
%RSD	1.040735	4.729396	8.871609	1.086624	4.370244	1.181488

#1	1.318461	.0106456	.0120777	419.3623	.2692888	.2018884
#2	1.340857	.0096982	.0103154	428.5455	.2468465	.2052842
#3	1.315719	.0100473	.0120851	423.3541	.2565374	.2065659

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008929	271.4905	4.581348	57.37793	.4222646	.0134323
Stddev	.009488	11.2160	.055545	.55443	.0049582	.0045193
%RSD	.9403941	4.131250	1.212407	.9662763	1.174183	33.64507

#1	1.013330	259.8589	4.530871	56.78935	.4165395	.0086411
#2	.998040	282.2385	4.640854	57.89033	.4251095	.0176188
#3	1.015418	272.3742	4.572319	57.45412	.4251449	.0140368

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999039	.4416406	2.512573	11.09931	.3105345	.0166414
Stddev	.222600	.0042500	.055374	.54020	.0539698	.0006054
%RSD	4.452852	.9623280	2.203888	4.866926	17.37963	3.637707

#1	4.785224	.4440033	2.565505	10.60521	.2553436	.0173262
#2	5.229490	.4367342	2.455043	11.67607	.3631941	.0164205
#3	4.982403	.4441843	2.517170	11.01665	.3130659	.0161775

Sample Name: Q3601-13 Acquired: 11/11/2025 15:01:16 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4963204	5.579956	7.305839	F 15.35550	8.879137	.1052777
Stddev	.0055900	.086416	.323832	.11017	.191750	.0009128
%RSD	1.126287	1.548680	4.432515	.7174886	2.159558	.8670336
#1	.4898775	5.516041	6.939293	15.22987	8.658041	.1042243
#2	.4992026	5.678275	7.553146	15.40092	8.979413	.1058360
#3	.4998810	5.545553	7.425079	15.43569	8.999957	.1057727

Elem	Sr4077
Units	ppm
Avg	1.776008
Stddev	.012002
%RSD	.6758133
#1	1.770056
#2	1.789823
#3	1.768144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.022	33897.50	2489.099	3165.854	3115.245
Stddev	195.074	471.11	105.688	50.738	203.975
%RSD	7.328051	1.389800	4.246030	1.602674	6.547626
#1	2436.860	33605.87	2388.555	3124.826	2879.791
#2	2780.137	34441.00	2599.271	3222.588	3238.124
#3	2769.069	33645.62	2479.469	3150.150	3227.821

Sample Name: Q3601-17 Acquired: 11/11/2025 15:05:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2060493	-.029279	8.805485	.0003551	.0323706	147.0048
Stddev	.0044202	.002495	.017985	.0042759	.0012396	.7237
%RSD	2.145224	8.523217	.2042464	1203.996	3.829374	.4922668

#1	.2011355	-.030236	8.787394	-.004488	.0325988	147.5869
#2	.2073107	-.026446	8.805698	.001944	.0334802	146.1945
#3	.2097017	-.031154	8.823362	.003609	.0310327	147.2330

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.562702	.0143903	.0315503	109.1166	.4719365	.1711754
Stddev	.035364	.0002392	.0004628	.6904	.0024367	.0002486
%RSD	1.379955	1.662457	1.466761	.6327500	.5163188	.1452247

#1	2.558705	.0142187	.0310482	109.3686	.4741967	.1710217
#2	2.529506	.0142887	.0319597	108.3356	.4693551	.1714622
#3	2.599895	.0146636	.0316431	109.6456	.4722578	.1710423

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.618997	380.3987	6.284183	46.87709	.4757567	.0210064
Stddev	.010213	2.5022	.071094	.28591	.0004792	.0005877
%RSD	.3899699	.6577718	1.131318	.6099138	.1007182	2.797800

#1	2.607624	382.1203	6.286334	46.90903	.4757340	.0214385
#2	2.621982	377.5285	6.212038	46.57656	.4762468	.0203371
#3	2.627385	381.5473	6.354177	47.14569	.4752893	.0212436

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.376414	.6732708	5.730291	10.37939	.4524827	.0341241
Stddev	.025918	.0032756	.019948	.13496	.0072193	.0009383
%RSD	.3513635	.4865269	.3481137	1.300292	1.595484	2.749560

#1	7.349675	.6770517	5.745119	10.39716	.4594090	.0343530
#2	7.378141	.6714724	5.707612	10.23642	.4450023	.0330926
#3	7.401425	.6712883	5.738141	10.50459	.4530367	.0349268

Sample Name: Q3601-17 Acquired: 11/11/2025 15:05:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2812404	4.902575	7.872629	F 26.21120	8.548134	.2141317
Stddev	.0019593	.039103	.285423	.06205	.067065	.0029838
%RSD	.6966512	.7976017	3.625515	.2367453	.7845586	1.393456
#1	.2822380	4.904845	7.687588	26.15935	8.500677	.2125088
#2	.2825000	4.862386	8.201341	26.19430	8.518866	.2175752
#3	.2789831	4.940493	7.728958	26.27996	8.624858	.2123111

Elem	Sr4077
Units	ppm
Avg	.2517859
Stddev	.0051623
%RSD	2.050267
#1	.2507340
#2	.2472306
#3	.2573931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.718	42300.74	3210.850	3877.080	3405.232
Stddev	.899	344.05	26.815	18.000	5.651
%RSD	.0299947	.8133474	.8351452	.4642763	.1659384
#1	2995.296	41918.07	3194.937	3857.756	3399.381
#2	2995.109	42584.52	3241.810	3893.371	3405.657
#3	2996.750	42399.63	3195.803	3880.114	3410.658

Sample Name: Q3601-17DUP Acquired: 11/11/2025 15:09:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095745	-.020041	8.949272	.0069178	.0325276	152.4418
Stddev	.0057873	.011138	.030537	.0037748	.0024937	4.5989
%RSD	2.761434	55.57705	.3412278	54.56747	7.666443	3.016833

#1	.2073102	-.015517	8.918822	.0070281	.0304760	149.6243
#2	.2161515	-.032729	8.949101	.0030889	.0318036	149.9524
#3	.2052616	-.011877	8.979896	.0106362	.0353032	157.7488

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625261	.0148141	.0318924	112.5334	.4815580	.1726394
Stddev	.069113	.0004960	.0002357	3.1681	.0032279	.0004777
%RSD	2.632631	3.347975	.7389916	2.815227	.6702930	.2766822

#1	2.581304	.0149180	.0320649	110.5592	.4852492	.1720883
#2	2.589554	.0142744	.0316238	110.8533	.4801593	.1728957
#3	2.704924	.0152498	.0319884	116.1876	.4792653	.1729343

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.646383	384.7814	6.441609	48.38266	.4805426	.0189282
Stddev	.007017	3.5600	.161154	1.41908	.0021374	.0006620
%RSD	.2651368	.9252043	2.501765	2.933041	.4447786	3.497208

#1	2.639999	382.8627	6.337030	47.31390	.4781301	.0188677
#2	2.645255	388.8892	6.360601	47.84134	.4812980	.0196183
#3	2.653896	382.5924	6.627195	49.99273	.4821996	.0182985

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.645608	.7056260	5.837352	10.53499	.4472074	.0334845
Stddev	.095595	.0219013	.036119	.08459	.0211283	.0008048
%RSD	1.250324	3.103817	.6187594	.8028966	4.724500	2.403346

#1	7.621491	.6965785	5.873921	10.49127	.4434278	.0335485
#2	7.750951	.6896979	5.836435	10.63249	.4699705	.0342553
#3	7.564380	.7306015	5.801700	10.48122	.4282240	.0326496

Sample Name: Q3601-17DUP Acquired: 11/11/2025 15:09:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2843216	5.061672	8.059287	F 26.53213	8.716135	.2196247
Stddev	.0006051	.140764	.024609	.08820	.040662	.0115157
%RSD	.2128329	2.780985	.3053520	.3324330	.4665126	5.243352
#1	.2840076	4.979129	8.045773	26.43426	8.687246	.2165236
#2	.2839380	4.981680	8.087692	26.55668	8.762634	.2099770
#3	.2850192	5.224205	8.044396	26.60546	8.698525	.2323733

Elem	Sr4077
Units	ppm
Avg	.2624745
Stddev	.0186174
%RSD	7.093046
#1	.2547938
#2	.2489262
#3	.2837035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.604	41609.99	3123.755	3843.520	3383.302
Stddev	9.814	421.16	65.925	38.538	9.133
%RSD	.3282726	1.012161	2.110450	1.002673	.2699379
#1	2986.878	41302.04	3140.417	3817.528	3377.953
#2	2981.441	41438.00	3179.750	3825.235	3378.105
#3	3000.493	42089.92	3051.097	3887.797	3393.847

Sample Name: Q3601-17LX5 Acquired: 11/11/2025 15:13:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470963	-.000970	1.711885	-.002673	.0044260	34.74701	.5941193
Stddev	.0028012	.002801	.005056	.005604	.0018784	1.20705	.0268063
%RSD	5.947841	288.7865	.2953448	209.6703	42.44003	3.473820	4.511940

#1	.0446739	.002016	1.706361	-.002263	.0034069	33.83458	.5768904
#2	.0501638	-.003538	1.716282	-.008471	.0065937	36.11568	.6250037
#3	.0464514	-.001388	1.713013	.002715	.0032773	34.29077	.5804637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034667	.0049543	25.96193	.1116292	.0322370	.6409733	87.98094
Stddev	.0001816	.0000726	.95700	.0004201	.0003469	.0018794	.45254
%RSD	5.238226	1.465780	3.686156	.3763101	1.076202	.2932067	.5143592

#1	.0034419	.0048997	25.25227	.1111742	.0320300	.6389027	87.48149
#2	.0036594	.0049265	27.05034	.1117112	.0326375	.6414460	88.36371
#3	.0032988	.0050367	25.58319	.1120022	.0320435	.6425712	88.09762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.478050	11.28032	.0912415	.0029654	.8883744	.1564657	1.359833
Stddev	.057425	.40213	.0006935	.0007249	.0435991	.0124399	.006164
%RSD	3.885176	3.564905	.7601089	24.44473	4.907734	7.950575	.4532635

#1	1.433832	10.96077	.0904466	.0024814	.8455713	.1612871	1.366902
#2	1.542951	11.73186	.0917231	.0037988	.9327281	.1657733	1.357014
#3	1.457366	11.14835	.0915549	.0026160	.8868238	.1423368	1.355583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.716112	.0995577	.0080749	.0497387	1.137978	1.923064	5.001313
Stddev	.139701	.0024571	.0007344	.0011377	.034697	.070308	.026970
%RSD	8.140548	2.467988	9.095203	2.287280	3.049039	3.656066	.5392581

#1	1.637936	.1009809	.0081341	.0494084	1.110829	1.873711	4.981610
#2	1.877399	.0967205	.0073127	.0510049	1.177069	2.003566	4.990279
#3	1.633001	.1009716	.0087780	.0488027	1.126036	1.891915	5.032051

Sample Name: Q3601-17LX5 Acquired: 11/11/2025 15:13:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.609223	.0350004	.0600785
Stddev	.016358	.0037906	.0047410
%RSD	1.016509	10.83008	7.891386
#1	1.590611	.0342089	.0567091
#2	1.615741	.0391242	.0654999
#3	1.621316	.0316680	.0580266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.057	35967.57	2666.565	3274.775	3615.951
Stddev	6.008	176.65	82.158	11.986	10.258
%RSD	.2374581	.4911413	3.081027	.3660128	.2836749
#1	2525.145	36094.26	2732.030	3281.381	3609.706
#2	2528.270	36042.67	2574.371	3282.004	3610.359
#3	2536.755	35765.78	2693.295	3260.939	3627.790

Sample Name: Q3601-17MS Acquired: 11/11/2025 15:17:30 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8239190	1.820107	8.490746	1.537446	.2730910	153.0564
Stddev	.0047193	.023038	.012929	.005237	.0054539	.3025
%RSD	.5727916	1.265769	.1522710	.3406141	1.997091	.1976431

#1	.8186117	1.797021	8.478357	1.532018	.2671135	153.3998
#2	.8276433	1.820203	8.489728	1.537850	.2777965	152.9397
#3	.8255020	1.843098	8.504154	1.542469	.2743629	152.8296

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.532174	.1790697	.2259469	98.72934	.7816858	.3680242
Stddev	.006879	.0010156	.0003688	.29572	.0025284	.0006867
%RSD	.2716798	.5671434	.1632306	.2995280	.3234558	.1865976

#1	2.534715	.1802027	.2263561	99.06949	.7811554	.3673830
#2	2.524385	.1782411	.2256402	98.53325	.7794646	.3679409
#3	2.537421	.1787653	.2258444	98.58530	.7844373	.3687488

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.608919	380.6590	6.584773	47.14814	.9783279	.0794812
Stddev	.003490	1.9670	.027656	.13755	.0006979	.0010964
%RSD	.1337698	.5167314	.4199950	.2917335	.0713342	1.379462

#1	2.605618	378.7302	6.609011	47.30686	.9777833	.0803106
#2	2.608570	380.5846	6.554648	47.07394	.9780858	.0782381
#3	2.612571	382.6621	6.590662	47.06364	.9791146	.0798948

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.852074	.9631305	5.386383	18.70928	.6150098	.3442453
Stddev	.038430	.0112410	.025074	.21016	.0143591	.0011305
%RSD	.3900671	1.167136	.4655069	1.123308	2.334773	.3284117

#1	9.810323	.9610010	5.359398	18.47486	.5998814	.3433420
#2	9.859929	.9752840	5.408962	18.88085	.6166975	.3438806
#3	9.885969	.9531065	5.390789	18.77213	.6284504	.3455131

Sample Name: Q3601-17MS Acquired: 11/11/2025 15:17:30 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9237286	5.016368	8.638019	F 28.12351	6.186780	.3890939
Stddev	.0009204	.008813	.017470	.04556	.031774	.0020822
%RSD	.0996349	.1756768	.2022490	.1619846	.5135843	.5351540
#1	.9229034	5.020687	8.656702	28.15625	6.151318	.3866914
#2	.9235612	5.006229	8.622087	28.07148	6.196362	.3902123
#3	.9247212	5.022188	8.635269	28.14279	6.212661	.3903780

Elem	Sr4077
Units	ppm
Avg	.3288886
Stddev	.0035285
%RSD	1.072855
#1	.3329372
#2	.3264682
#3	.3272603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.263	40269.83	3081.556	3727.739	3323.607
Stddev	11.393	47.42	21.715	13.239	12.743
%RSD	.3951514	.1177651	.7046695	.3551606	.3834083
#1	2885.991	40244.72	3056.950	3742.577	3326.407
#2	2893.045	40240.25	3089.685	3717.133	3334.718
#3	2870.754	40324.53	3098.034	3723.506	3309.698

Sample Name: Q3601-17MSD Acquired: 11/11/2025 15:21:29 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8623101	1.865430	8.685280	1.513019	.2671874	157.8823
Stddev	.0008324	.064032	.023076	.005523	.0034151	1.2555
%RSD	.0965299	3.432566	.2656852	.3650104	1.278157	.7952023

#1	.8622666	1.796057	8.684819	1.506946	.2684561	158.5255
#2	.8615003	1.922267	8.662439	1.514371	.2697865	156.4355
#3	.8631634	1.877965	8.708583	1.517740	.2633195	158.6858

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.628371	.1785746	.2252885	112.0013	.7576189	.3637550
Stddev	.016366	.0024370	.0005767	.7172	.0014552	.0006529
%RSD	.6226524	1.364673	.2559858	.6403065	.1920713	.1794815

#1	2.634859	.1811116	.2256637	111.8506	.7572655	.3632984
#2	2.609756	.1762518	.2246245	111.3714	.7563729	.3634639
#3	2.640498	.1783604	.2255775	112.7818	.7592182	.3645028

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.696631	331.2111	6.093246	54.77361	.9410047	.0775409
Stddev	.003820	1.8122	.040808	.34676	.0023448	.0004548
%RSD	.1416649	.5471536	.6697171	.6330777	.2491797	.5865476

#1	2.693518	329.7395	6.136165	54.63889	.9426680	.0780313
#2	2.695481	333.2353	6.054943	54.51443	.9383229	.0774584
#3	2.700894	330.6585	6.088629	55.16752	.9420233	.0771330

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23595	.8719674	5.536604	18.95673	.6128043	.3516392
Stddev	.11040	.0152903	.007712	.37980	.0101645	.0006216
%RSD	1.078508	1.753537	.1392923	2.003526	1.658690	.1767567

#1	10.10978	.8875269	5.545199	18.58579	.6024164	.3509577
#2	10.28330	.8569613	5.530288	19.34482	.6227296	.3521750
#3	10.31478	.8714141	5.534324	18.93959	.6132669	.3517847

Sample Name: Q3601-17MSD Acquired: 11/11/2025 15:21:29 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9618604	5.078223	8.732278	F 29.12317	6.429278	.3833474
Stddev	.0055488	.031074	.308148	.07785	.012703	.0040116
%RSD	.5768788	.6119164	3.528844	.2673238	.1975867	1.046462
#1	.9571924	5.097072	8.378071	29.05906	6.419250	.3865887
#2	.9603935	5.042357	8.938675	29.10065	6.443563	.3845926
#3	.9679952	5.095240	8.880090	29.20980	6.425021	.3788609

Elem	Sr4077
Units	ppm
Avg	.3973070
Stddev	.0061681
%RSD	1.552474
#1	.4019320
#2	.3903038
#3	.3996850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.107	41258.51	3149.382	3807.972	3359.992
Stddev	4.570	224.87	28.229	16.813	8.524
%RSD	.1559729	.5450193	.8963498	.4415293	.2537013
#1	2932.798	41473.43	3121.759	3825.977	3358.661
#2	2932.692	41024.87	3178.181	3792.679	3369.104
#3	2924.830	41277.23	3148.206	3805.262	3352.212

Sample Name: Q3601-17A Acquired: 11/11/2025 15:25:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8133122	1.865647	9.584606	1.480109	.6407742	148.9565
Stddev	.0042838	.017540	.019422	.005778	.0050359	1.8719
%RSD	.5267039	.9401316	.2026393	.3903950	.7859065	1.256686

#1	.8107317	1.845408	9.563366	1.475998	.6465018	150.0226
#2	.8182571	1.875134	9.588990	1.486716	.6387799	146.7950
#3	.8109478	1.876400	9.601461	1.477614	.6370408	150.0518

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.731204	.1721106	.2206398	109.4237	.7726818	.3637671
Stddev	.039866	.0030120	.0009745	1.3123	.0027885	.0006550
%RSD	1.459632	1.750029	.4416507	1.199312	.3608837	.1800565

#1	2.747791	.1731868	.2195187	110.2013	.7724144	.3630284
#2	2.685723	.1687084	.2212840	107.9086	.7700367	.3642768
#3	2.760098	.1744367	.2211166	110.1614	.7755944	.3639962

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.803406	372.5192	6.483901	48.18220	.9502657	.0769225
Stddev	.008645	2.1559	.068144	.53033	.0030139	.0012079
%RSD	.3083795	.5787347	1.050973	1.100672	.3171640	1.570271

#1	2.795928	374.6670	6.512501	48.51322	.9470121	.0779575
#2	2.812872	372.5352	6.406117	47.57052	.9508226	.0772147
#3	2.801418	370.3553	6.533084	48.46285	.9529623	.0755954

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.763014	.9112774	5.763856	18.13526	.6545612	.3487314
Stddev	.060116	.0041866	.010046	.12066	.0100168	.0009325
%RSD	.6157569	.4594241	.1742885	.6653530	1.530309	.2673966

#1	9.781928	.9138214	5.752368	18.24927	.6624754	.3478803
#2	9.811398	.9064454	5.768211	18.00889	.6579089	.3485858
#3	9.695715	.9135654	5.770990	18.14763	.6432993	.3497281

Sample Name: Q3601-17A Acquired: 11/11/2025 15:25:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9641876	5.084416	8.456451	F 31.39824	8.317500	.3892802
Stddev	.0055026	.081483	.206370	.09064	.032990	.0057380
%RSD	.5706979	1.602605	2.440385	.2886804	.3966341	1.474005
#1	.9580659	5.112322	8.658855	31.29358	8.282657	.3943480
#2	.9687222	4.992647	8.464166	31.45121	8.321586	.3830500
#3	.9657747	5.148281	8.246332	31.44993	8.348256	.3904426

Elem	Sr4077
Units	ppm
Avg	.4159338
Stddev	.0118168
%RSD	2.841023
#1	.4196330
#2	.4027100
#3	.4254584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.566	42236.61	3117.312	3874.119	3368.258
Stddev	5.307	100.42	41.561	27.001	8.545
%RSD	.1797314	.2377528	1.333231	.6969501	.2536845
#1	2958.153	42352.43	3122.984	3905.288	3375.050
#2	2951.950	42173.86	3155.745	3859.185	3371.061
#3	2947.594	42183.55	3073.206	3857.885	3358.664

Sample Name: CCV03 Acquired: 11/11/2025 15:29:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.974552	4.738740	4.878174	4.961135	4.993390	10.00620	10.12523
Stddev	.014849	.021900	.006788	.020239	.014770	.01047	.07344
%RSD	.2984983	.4621528	.1391444	.4079470	.2957924	.1046455	.7253617

#1	4.961593	4.735239	4.870398	4.938676	4.978206	10.01324	10.08143
#2	4.990755	4.762180	4.882916	4.966768	4.994255	9.99417	10.21002
#3	4.971309	4.718801	4.881207	4.977960	5.007709	10.01120	10.08423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2526773	2.451874	24.97759	.9997449	2.467530	1.255213	5.155629
Stddev	.0001244	.005648	.08278	.0054803	.001727	.003647	.068099
%RSD	.0492216	.2303438	.3314112	.5481690	.0699736	.2905209	1.320872

#1	.2526009	2.445414	24.95968	.9935298	2.466038	1.251160	5.108523
#2	.2526101	2.454332	25.06786	1.003884	2.469421	1.256251	5.233710
#3	.2528208	2.455877	24.90523	1.001821	2.467130	1.258228	5.124656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.520175	24.61303	2.458230	1.259011	24.29862	2.492440	2.521188
Stddev	.025047	.05502	.003363	.004280	.34858	.023335	.014986
%RSD	.9938668	.2235233	.1368249	.3399822	1.434547	.9362135	.5943928

#1	2.502931	24.60687	2.454346	1.257043	24.00683	2.467617	2.506848
#2	2.548906	24.56135	2.460203	1.263922	24.68462	2.513926	2.519970
#3	2.508689	24.67087	2.460140	1.256068	24.20443	2.495778	2.536745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.13612	5.065562	4.978293	4.943205	5.013787	4.950776	5.020530
Stddev	.33702	.011518	.010438	.006127	.038107	.017663	.026121
%RSD	1.396312	.2273687	.2096651	.1239562	.7600416	.3567705	.5202740

#1	23.80498	5.057288	4.966251	4.936701	4.975477	4.948417	4.991353
#2	24.47872	5.060683	4.984757	4.948869	5.051687	4.969500	5.041736
#3	24.12466	5.078716	4.983870	4.944046	5.014197	4.934411	5.028502

Sample Name: CCV03 Acquired: 11/11/2025 15:29:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.899548	5.037056	5.049304
Stddev	.031014	.027887	.035127
%RSD	.6330008	.5536467	.6956798
#1	4.869970	5.024111	5.031224
#2	4.931822	5.069064	5.089788
#3	4.896853	5.017994	5.026900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.383	34304.93	2464.890	3137.330	3491.243
Stddev	4.312	190.56	3.180	11.681	5.021
%RSD	.1812917	.5554928	.1290115	.3723279	.1438268
#1	2378.413	34504.79	2465.779	3147.000	3485.913
#2	2382.680	34125.28	2461.360	3124.351	3495.885
#3	2374.057	34284.74	2467.530	3140.637	3491.931

Sample Name: CCB03 Acquired: 11/11/2025 15:33:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004822	.0009481	.0024378	-.009390	-.002387	.0239883
Stddev	.001576	.0039851	.0005055	.001176	.004051	.0240741
%RSD	32.68794	420.3143	20.73644	12.52748	169.6788	100.3576

#1	-.004718	.0004123	.0021312	-.009315	.002210	.0199654
#2	-.006447	.0051740	.0021610	-.010601	-.005432	.0021791
#3	-.003300	-.002742	.0030213	-.008252	-.003939	.0498205

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011554	-.000016	.0002186	.0675863	.0007603	.0000321
Stddev	.0019328	.000145	.0000570	.0441018	.0006036	.0000552
%RSD	167.2884	904.0140	26.10032	65.25265	79.38439	171.9320

#1	.0033829	-.000078	.0002691	.1106176	.0000968	-.000005
#2	.0001609	.000150	.0001567	.0696546	.0012767	.000096
#3	-.000078	-.000120	.0002299	.0224867	.0009074	.000006

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	.0327642	.0021840	-.013628	.0007645	-.000640
Stddev	.000244	.0220516	.0006191	.076592	.0003916	.001184
%RSD	491.7558	67.30379	28.34601	562.0359	51.22952	184.8713

#1	-.000240	.0081488	.0027481	.054421	.0008621	-.001427
#2	-.000135	.0507139	.0015217	.001271	.0003333	.000721
#3	.000226	.0394299	.0022822	-.096575	.0010980	-.001216

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.547354	-.008657	.0017028	-.224875	.0100920	.0013184
Stddev	.041488	.002432	.0000578	.112984	.0003677	.0004754
%RSD	7.579667	28.09076	3.394614	50.24307	3.643057	36.05946

#1	-.593831	-.008528	.0017360	-.227406	.0101524	.0016551
#2	-.534173	-.011151	.0017362	-.336573	.0104258	.0015255
#3	-.514058	-.006293	.0016360	-.110647	.0096980	.0007746

Sample Name: CCB03 Acquired: 11/11/2025 15:33:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000947	-.003318	-.001532	.0013514	F -.014801	-.008460
Stddev	.000931	.003948	.009598	.0013042	.003332	.005999
%RSD	98.32182	118.9779	626.6935	96.50740	22.51553	70.91103
#1	-.000471	-.000508	.002320	-.000022	-.013185	-.001616
#2	-.002019	-.001615	.005543	.001503	-.018633	-.012809
#3	-.000350	-.007832	-.012457	.002573	-.012585	-.010955

Elem	Sr4077
Units	ppm
Avg	.0012109
Stddev	.0003790
%RSD	31.30082
#1	.0008772
#2	.0016230
#3	.0011324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.787	35899.89	2496.087	3186.711	3999.716
Stddev	11.423	138.26	16.828	9.224	19.076
%RSD	.4613859	.3851367	.6741836	.2894549	.4769409
#1	2474.764	35872.78	2480.353	3191.673	3997.479
#2	2487.687	35777.19	2494.078	3176.068	4019.812
#3	2464.909	36049.70	2513.829	3192.392	3981.857

Sample Name: Q3552-02DLX10 Acquired: 11/11/2025 15:37:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005497	.0106723	.0037747	-.005991	-.003063	.0213863	.0897432
Stddev	.005203	.0048103	.0001612	.003281	.003098	.0267222	.0024675
%RSD	94.64654	45.07235	4.270071	54.76513	101.1569	124.9503	2.749537

#1	-.002510	.0051187	.0039223	-.008333	-.003825	.0136493	.0887006
#2	-.002477	.0133669	.0036027	-.002241	.000345	-.000614	.0925609
#3	-.011505	.0135313	.0037991	-.007399	-.005710	.051123	.0879681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003346	-.000986	190.9967	-.004849	.0013236	.0005748	80.95089
Stddev	.0002203	.000131	.6270	.000607	.0002726	.0006916	.62831
%RSD	65.83141	13.24498	.3282852	12.51545	20.59758	120.3179	.7761625

#1	.0002284	-.001136	191.3220	-.005177	.0015500	.0003953	81.64295
#2	.0001876	-.000923	190.2738	-.004149	.0010210	.0013384	80.41628
#3	.0005879	-.000898	191.3942	-.005222	.0013997	-.000009	80.79344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.223646	71.17147	.0031606	.0025001	668.1137	-.017684	.0019893
Stddev	.021389	.20220	.0008647	.0017922	6.0808	.014397	.0003951
%RSD	.4094632	.2841000	27.35878	71.68469	.9101420	81.41068	19.86067

#1	5.236809	71.33857	.0025591	.0033110	674.1225	-.028627	.0020668
#2	5.198966	70.94670	.0027711	.0037435	661.9634	-.001375	.0015612
#3	5.235162	71.22913	.0041515	.0004458	668.2552	-.023051	.0023399

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.39857	.1123216	.0004161	-.005614	-.005598	.0746904	.0064430
Stddev	.23291	.0033214	.0010260	.000873	.005259	.0442780	.0031052
%RSD	1.617608	2.957032	246.5734	15.55783	93.94458	59.28200	48.19567

#1	14.46011	.1161522	.0005024	-.006489	-.008207	.0235837	.0031197
#2	14.14107	.1105686	-.000650	-.005609	.000455	.1015143	.0092706
#3	14.59454	.1102440	.001396	-.004742	-.009041	.0989733	.0069387

Sample Name: Q3552-02DLX10 Acquired: 11/11/2025 15:37:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5531851	-.019256	3.337459
Stddev	.0184172	.000844	.019625
%RSD	3.329302	4.383930	.5880268
#1	.5341963	-.018578	3.351885
#2	.5709718	-.020202	3.315111
#3	.5543871	-.018989	3.345382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.276	31258.89	2422.734	2883.599	3131.624
Stddev	5.897	97.71	6.623	7.177	13.104
%RSD	.2583741	.3125879	.2733717	.2489007	.4184375
#1	2276.733	31179.59	2427.264	2880.248	3122.105
#2	2288.473	31229.04	2415.133	2878.711	3146.569
#3	2281.624	31368.05	2425.805	2891.839	3126.198

Sample Name: Q3599-01DLX10 Acquired: 11/11/2025 15:41:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072871	.0121029	.0197830	-.005392	-.001615	15.91885	.0734941
Stddev	.0075155	.0016236	.0021688	.004160	.004078	.02757	.0045049
%RSD	103.1345	13.41455	10.96309	77.15630	252.5217	.1731847	6.129583

#1	.0065920	.0133657	.0211542	-.009110	.000841	15.93409	.0753164
#2	.0001433	.0126715	.0209123	-.006165	-.006322	15.93543	.0683635
#3	.0151261	.0102715	.0172826	-.000899	.000636	15.88702	.0768023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013954	-.000057	349.2956	.0391200	.0202818	.0748512	42.65036
Stddev	.0000770	.000370	1.2332	.0002810	.0000971	.0006459	.21096
%RSD	5.517531	645.7836	.3530511	.7184137	.4785487	.8628387	.4946377

#1	.0013196	.000256	350.6334	.0393997	.0202646	.0755494	42.64703
#2	.0014736	-.000466	349.0491	.0388377	.0203863	.0747294	42.86297
#3	.0013930	.000038	348.2043	.0391226	.0201945	.0742750	42.44108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9481143	207.6242	.0359877	-.001469	.5671522	.0714204	.0767266
Stddev	.0088742	.7395	.0002756	.000345	.0576618	.0050594	.0002684
%RSD	.9359881	.3561531	.7657424	23.51954	10.16690	7.083973	.3498499

#1	.9579137	208.3646	.0357776	-.001783	.5009263	.0662191	.0766121
#2	.9458091	206.8857	.0358858	-.001099	.6062217	.0763249	.0770333
#3	.9406201	207.6224	.0362997	-.001525	.5943085	.0717173	.0765344

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.582788	.2986347	.0009512	-.006453	.8800865	.9699274	1.023026
Stddev	.103833	.0014701	.0007262	.000689	.0131215	.0763895	.002539
%RSD	6.560105	.4922592	76.35065	10.67018	1.490936	7.875798	.2481990

#1	1.521738	.2991017	.0001856	-.007248	.8936851	.8961082	1.025168
#2	1.523950	.2969879	.0010377	-.006049	.8790736	1.048651	1.020221
#3	1.702677	.2998146	.0016303	-.006062	.8675008	.965023	1.023689

Sample Name: Q3599-01DLX10 Acquired: 11/11/2025 15:41:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7556845	-.033285	.1646474
Stddev	.0028843	.001181	.0016032
%RSD	.3816854	3.548741	.9736874
#1	.7556449	-.032541	.1664292
#2	.7528201	-.034647	.1641913
#3	.7585884	-.032667	.1633217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.954	34246.16	2592.485	3082.505	3313.177
Stddev	4.378	70.92	4.543	5.135	11.424
%RSD	.1839515	.2070915	.1752221	.1665991	.3448067
#1	2378.891	34319.40	2588.396	3081.517	3306.781
#2	2384.765	34177.81	2597.374	3077.934	3326.366
#3	2376.204	34241.25	2591.683	3088.062	3306.383

Sample Name: PB170488BL Acquired: 11/11/2025 16:05:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001835	.0030891	-.000148	-.006192	-.002480	.0122748
Stddev	.002818	.0021261	.001608	.004455	.003254	.0099685
%RSD	153.5461	68.82681	1089.498	71.94452	131.2367	81.21147

#1	.000785	.0055294	.000604	-.010920	.001268	.0236076
#2	-.001474	.0021021	.000948	-.002073	-.004114	.0048628
#3	-.004817	.0016359	-.001994	-.005584	-.004593	.0083540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040020	-.000051	.0000205	.0589089	.0002346	.0001079
Stddev	.0018225	.000064	.0001785	.0279205	.0004457	.0000291
%RSD	45.54022	125.8701	870.0128	47.39613	189.9538	26.95734

#1	.0059945	.000022	-.000007	.0291863	.0004049	.0001128
#2	.0035922	-.000078	-.000143	.0629546	.0005700	.0001342
#3	.0024193	-.000097	.000211	.0845860	-.000271	.0000766

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000326	-.012271	-.000590	.0303548	.0003549	-.000991
Stddev	.000276	.009255	.001883	.0606289	.0008765	.000993
%RSD	84.83048	75.41720	318.9997	199.7341	246.9676	100.1559

#1	-.000625	-.011382	.000012	-.028856	.0013352	-.000134
#2	-.000080	-.003493	-.002701	.092309	-.000353	-.000760
#3	-.000273	-.021939	.000918	.027611	.000083	-.002079

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.642411	-.012488	.0006821	-.240625	-.002657	.0008922
Stddev	.169735	.010808	.0007626	.204765	.002066	.0007515
%RSD	26.42148	86.54705	111.7964	85.09721	77.76749	84.22379

#1	-.835952	-.004487	.0008439	-.159273	-.002277	.0013682
#2	-.572401	-.024783	.0013509	-.473565	-.000807	.0000259
#3	-.518880	-.008194	-.000148	-.089038	-.004887	.0012826

Sample Name: PB170488BL Acquired: 11/11/2025 16:05:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000706	.0001486	-.010566	-.002152	F -.010128	F -.010811
Stddev	.002712	.0010504	.034680	.001049	.006048	.000874
%RSD	384.1491	706.7870	328.2323	48.71447	59.71571	8.085551

#1	-.003837	.0010010	.026160	-.002719	-.015627	-.011820
#2	.000815	.0004697	-.042755	-.000942	-.003650	-.010284
#3	.000904	-.001025	-.015103	-.002796	-.011108	-.010329

Elem	Sr4077
Units	ppm
Avg	.0001980
Stddev	.0001421
%RSD	71.75495

#1	.0003247
#2	.0002248
#3	.0000444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.296	35885.24	2545.826	3182.842	4014.188
Stddev	28.982	119.06	40.109	8.451	42.117
%RSD	1.162870	.3317914	1.575469	.2655049	1.049192

#1	2480.740	35819.52	2524.536	3183.377	3997.831
#2	2470.874	36022.68	2520.851	3191.012	3982.703
#3	2525.273	35813.53	2592.091	3174.137	4062.029

Sample Name: PB170488BS Acquired: 11/11/2025 16:09:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7691151	1.799848	.9178504	1.934202	.7943971	2.006089
Stddev	.0019679	.021956	.0037357	.009087	.0040597	.023991
%RSD	.2558650	1.219905	.4070025	.4697842	.5110448	1.195894

#1	.7681818	1.788473	.9157717	1.928033	.7988419	1.978736
#2	.7713760	1.785914	.9156165	1.929936	.7908848	2.015972
#3	.7677876	1.825159	.9221631	1.944637	.7934645	2.023560

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013889	.2085900	.1867437	1.113466	.4036842	.1928264
Stddev	.0031630	.0002975	.0008489	.028983	.0020200	.0006142
%RSD	1.570575	.1426325	.4545792	2.602917	.5003832	.3185337

#1	.2001425	.2084571	.1867441	1.081005	.4047920	.1932562
#2	.2049852	.2083821	.1858945	1.136746	.4049079	.1921229
#3	.1990390	.2089308	.1875923	1.122648	.4013527	.1931001

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3080703	2.971667	.2035822	2.005466	.4808568	.0717071
Stddev	.0009767	.027450	.0011371	.006983	.0015516	.0007245
%RSD	.3170424	.9237295	.5585361	.3481982	.3226644	1.010379

#1	.3076302	2.985831	.2038958	1.999427	.4812909	.0724908
#2	.3073912	2.989143	.2045296	2.013113	.4791344	.0710617
#3	.3091897	2.940028	.2023212	2.003859	.4821450	.0715689

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.464642	.2956856	.2094720	9.137529	.3036694	.4035662
Stddev	.047179	.0042442	.0007351	.108431	.0008289	.0007946
%RSD	1.914251	1.435359	.3509310	1.186659	.2729724	.1969002

#1	2.418757	.2952659	.2101276	9.033126	.3045174	.4030202
#2	2.462150	.3001240	.2096112	9.129878	.3036299	.4032007
#3	2.513018	.2916668	.2086773	9.249583	.3028609	.4044779

Sample Name: PB170488BS Acquired: 11/11/2025 16:09:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6575821	.1927871	.8803418	5.396369	F -.014374	.2028303
Stddev	.0029832	.0061804	.0359529	.019366	.005405	.0039986
%RSD	.4536597	3.205840	4.083972	.3588648	37.60137	1.971410
#1	.6592674	.1912862	.9089500	5.402990	-.019252	.2073030
#2	.6541377	.1995798	.8399841	5.374561	-.015308	.1996013
#3	.6593413	.1874953	.8920913	5.411556	-.008563	.2015866

Elem	Sr4077
Units	ppm
Avg	.1961337
Stddev	.0005924
%RSD	.3020434
#1	.1955687
#2	.1967502
#3	.1960823

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.752	36132.31	2526.313	3223.988	3912.641
Stddev	5.012	83.10	4.332	6.822	5.299
%RSD	.2021125	.2299896	.1714851	.2115901	.1354291
#1	2481.222	36115.02	2530.333	3220.042	3907.864
#2	2474.169	36059.21	2521.725	3220.058	3911.718
#3	2483.864	36222.69	2526.883	3231.865	3918.340

Sample Name: PB170462TB Acquired: 11/11/2025 16:13:45 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003011	.0086260	.0003323	-.004013	-.000254	.0181179	.0033130
Stddev	.005736	.0085547	.0016781	.007874	.004127	.0127137	.0020604
%RSD	190.4859	99.17307	504.9974	196.2301	1627.926	70.17215	62.19170

#1	.001280	-.001080	-.000364	-.006753	.003623	.0197555	.0017991
#2	-.000788	.011889	.002246	-.010150	.000208	.0299334	.0056595
#3	-.009525	.015069	-.000885	.004865	-.004592	.0046647	.0024805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.000037	.0535531	.0011721	.0000628	.0002710	.0000056
Stddev	.000037	.000080	.0268813	.0004550	.0001836	.0006697	.0065567
%RSD	210.7410	218.4785	50.19561	38.82364	292.2752	247.1410	117445.9

#1	.000015	-.000043	.0471446	.0007346	.0000832	.0002583	-.004854
#2	-.000009	-.000114	.0830595	.0011386	.0002353	-.000392	.007463
#3	-.000057	.000047	.0304552	.0016429	-.000130	.000947	-.002592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007393	.0289880	.0009988	-.000569	377.1884	-.000062	.0005266
Stddev	.0015474	.0606891	.0003770	.000660	1.1974	.003859	.0003184
%RSD	209.2936	209.3592	37.74620	116.0461	.3174451	6257.622	60.45425

#1	.0005740	.0508524	.0012113	.000185	376.3671	.000902	.0001726
#2	.0023628	.0757154	.0012215	-.001046	378.5622	.003224	.0007895
#3	-.000719	-.039604	.0005635	-.000846	376.6358	-.004311	.0006178

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.385393	-.001882	.0006519	-.001870	-.004714	-.031557	-.003350
Stddev	.184344	.001767	.0006522	.000734	.000278	.007887	.001405
%RSD	47.83287	93.90386	100.0346	39.27428	5.902528	24.99248	41.94009

#1	-.598209	-.000499	.0011891	-.002634	-.004405	-.040507	-.001735
#2	-.275133	-.003873	-.000074	-.001807	-.004944	-.028541	-.004023
#3	-.282837	-.001274	.000840	-.001169	-.004794	-.025624	-.004291

Sample Name: PB170462TB Acquired: 11/11/2025 16:13:45 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097455	-.005151	-.000335
Stddev	.0031013	.003460	.000345
%RSD	31.82266	67.18023	102.8406

#1	.0061737	-.008676	-.000226
#2	.0113084	-.001759	-.000721
#3	.0117544	-.005018	-.000058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.155	33136.75	2545.453	3069.252	3371.044
Stddev	9.812	51.74	7.944	11.773	15.211
%RSD	.4139711	.1561455	.3121056	.3835853	.4512390

#1	2381.444	33081.52	2553.770	3061.702	3388.562
#2	2365.344	33144.62	2544.646	3082.818	3361.175
#3	2363.677	33184.10	2537.942	3063.236	3363.394

Sample Name: Q3496-06 Acquired: 11/11/2025 16:18:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004763	.0062445	.0009768	-.003281	-.000621	.0952732	.2656502
Stddev	.004503	.0043254	.0025677	.003959	.001917	.0239759	.0014926
%RSD	94.54870	69.26662	262.8809	120.6374	308.5229	25.16539	.5618574

#1	-.007589	.0087641	-.001242	-.001100	-.001664	.0796907	.2667312
#2	-.007129	.0012501	.003789	-.000894	.001591	.0832471	.2662722
#3	.000430	.0087194	.000383	-.007851	-.001792	.1228820	.2639473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001864	-.000043	3.980440	.0089316	.0269788	.0023259	.1765471
Stddev	.0000512	.000119	.031521	.0005188	.0002457	.0002077	.0120258
%RSD	27.43966	276.1230	.7919093	5.808547	.9106996	8.928152	6.811672

#1	.0001404	.000065	4.016225	.0092785	.0268599	.0025121	.1728984
#2	.0001773	-.000025	3.968308	.0091812	.0268151	.0023637	.1899747
#3	.0002415	-.000170	3.956787	.0083352	.0272613	.0021019	.1667683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9773021	1.476988	.0109233	-.000814	289.8192	-.004469	.2548014
Stddev	.0047574	.039564	.0000915	.000905	2.6060	.014377	.0034011
%RSD	.4867939	2.678664	.8374335	111.1489	.8991879	321.7094	1.334805

#1	.9783068	1.432289	.0108217	-.001819	290.5182	.007336	.2522567
#2	.9721226	1.491163	.0109491	-.000561	286.9349	-.000262	.2534833
#3	.9814770	1.507511	.0109991	-.000063	292.0044	-.020481	.2586643

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118093	.1291603	.0007729	-.006259	-.000204	3.346121	.0054386
Stddev	.0877724	.0014808	.0003930	.000229	.005059	.065440	.0016350
%RSD	17.14944	1.146503	50.84795	3.651184	2482.828	1.955693	30.06184

#1	.4931773	.1283782	.0007737	-.006268	.004185	3.414106	.0037428
#2	.4348489	.1282345	.0011655	-.006026	-.005737	3.283564	.0055679
#3	.6074018	.1308682	.0003795	-.006483	.000941	3.340692	.0070051

Sample Name: Q3496-06 Acquired: 11/11/2025 16:18:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.631582	-.004089	.0348441
Stddev	.013645	.005581	.0003705
%RSD	.8363105	136.4905	1.063287

#1	1.617663	-.008213	.0352448
#2	1.644935	.002262	.0345140
#3	1.632150	-.006317	.0347734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.302	34760.49	2570.984	3199.408	3498.836
Stddev	5.114	121.65	6.715	14.461	5.785
%RSD	.2086173	.3499632	.2611818	.4519800	.1653381

#1	2456.703	34658.10	2565.349	3182.711	3505.491
#2	2446.535	34894.96	2569.190	3207.951	3496.005
#3	2450.666	34728.40	2578.414	3207.561	3495.012

Sample Name: Q3577-04 Acquired: 11/11/2025 16:22:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022505	.0119700	.0134079	-.001949	-.001570	.0709266	.3134606
Stddev	.0051523	.0014593	.0013118	.002415	.001770	.0392925	.0030222
%RSD	228.9417	12.19131	9.783567	123.8877	112.7506	55.39874	.9641381

#1	.0031397	.0105909	.0141567	-.001442	-.003078	.0303624	.3101258
#2	-.003289	.0118210	.0118932	.000172	.000378	.0736075	.3160185
#3	.006900	.0134981	.0141738	-.004578	-.002009	.1088101	.3142374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0003174	12.17286	.0012329	.0007906	.0083556	.0733334
Stddev	.000041	.0001992	.02166	.0004676	.0002220	.0006253	.0214203
%RSD	60.01511	62.74794	.1779415	37.92647	28.08279	7.483569	29.20947

#1	-.000035	.0004037	12.19562	.0010824	.0010243	.0090627	.0661631
#2	-.000114	.0000896	12.15250	.0017571	.0007651	.0078754	.0564181
#3	-.000056	.0004589	12.17045	.0008590	.0005825	.0081289	.0974191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573887	1.317460	.0015700	-.002243	342.6253	.0000294	.0932459
Stddev	.0022733	.016404	.0002750	.000457	1.7804	.0182016	.0011216
%RSD	1.444371	1.245135	17.51336	20.35386	.5196479	61949.50	1.202847

#1	.1584654	1.312702	.0018552	-.002708	343.6728	.0117691	.0924697
#2	.1547771	1.335717	.0013065	-.001796	343.6335	-.020938	.0945319
#3	.1589236	1.303960	.0015484	-.002226	340.5695	.009257	.0927362

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818336	.0449294	.0011805	-.008209	-.003528	1.183102	.0252926
Stddev	.1905290	.0008387	.0009556	.001454	.002676	.019508	.0025419
%RSD	49.89843	1.866656	80.94431	17.71140	75.86638	1.648851	10.04990

#1	.2703759	.0440516	.0022838	-.007783	-.001745	1.205350	.0274069
#2	.6018311	.0450141	.0006466	-.009829	-.002233	1.168925	.0224724
#3	.2732939	.0457225	.0006113	-.007016	-.006606	1.175032	.0259986

Sample Name: Q3577-04 Acquired: 11/11/2025 16:22:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2436168	-.016236	.0873299
Stddev	.0064048	.005757	.0008195
%RSD	2.629053	35.46024	.9383368
#1	.2366071	-.010995	.0882708
#2	.2450796	-.022398	.0867725
#3	.2491637	-.015314	.0869464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.657	33766.84	2503.633	3132.864	3439.606
Stddev	4.320	186.76	22.308	10.522	10.378
%RSD	.1808744	.5530914	.8910083	.3358479	.3017176
#1	2386.541	33603.53	2477.961	3128.149	3430.631
#2	2393.628	33726.52	2518.295	3125.524	3450.970
#3	2385.802	33970.47	2514.643	3144.918	3437.217

Sample Name: Q3581-02 Acquired: 11/11/2025 16:26:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040763	.0051449	.0097989	.0014223	-.001783	.2326992	.3155187
Stddev	.0030917	.0042141	.0017323	.0076534	.002897	.0260516	.0061901
%RSD	75.84574	81.90776	17.67816	538.0988	162.5201	11.19540	1.961889

#1	.0018478	.0011555	.0088497	-.005481	-.005071	.2028412	.3092561
#2	.0076060	.0095526	.0117983	.000095	-.000669	.2508002	.3216337
#3	.0027752	.0047267	.0087487	.009652	.000392	.2444563	.3156662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002937	.0005095	9.711171	.0038631	.0035252	.0121468	.7038388
Stddev	.0001652	.0000808	.026490	.0007827	.0001895	.0006556	.0332132
%RSD	56.24836	15.86275	.2727808	20.26066	5.374859	5.397433	4.718858

#1	.0004065	.0006023	9.680583	.0029745	.0034523	.0117347	.7155583
#2	.0001041	.0004544	9.726310	.0041646	.0033830	.0118029	.7296035
#3	.0003705	.0004720	9.726620	.0044502	.0037403	.0129028	.6663547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2200637	6.054290	.0125062	-.001243	287.4848	-.004753	.2003346
Stddev	.0003750	.039618	.0004922	.000521	.2286	.010358	.0011430
%RSD	.1704301	.6543743	3.936035	41.90662	.0795338	217.9344	.5705652

#1	.2204777	6.087952	.0121546	-.001196	287.6918	.001486	.2006311
#2	.2199669	6.010632	.0122951	-.001787	287.2394	-.016710	.2013002
#3	.2197465	6.064287	.0130687	-.000748	287.5234	.000965	.1990726

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.259432	.0543930	.0003972	-.004925	.0068526	1.370003	.0652027
Stddev	.195313	.0004239	.0003655	.000434	.0029378	.022391	.0022487
%RSD	75.28480	.7792553	92.00466	8.810362	42.87050	1.634359	3.448801

#1	-.468229	.0547268	.0001049	-.005059	.0102313	1.395668	.0626123
#2	-.228857	.0539161	.0002799	-.004440	.0049008	1.354465	.0663418
#3	-.081210	.0545361	.0008070	-.005276	.0054258	1.359875	.0666539

Sample Name: Q3581-02 Acquired: 11/11/2025 16:26:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4914218	-.014716	.0798240
Stddev	.0078804	.007185	.0004303
%RSD	1.603599	48.82411	.5389972
#1	.4939645	-.022562	.0793449
#2	.4825840	-.008457	.0799498
#3	.4977170	-.013130	.0801774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.389	34809.64	2570.924	3186.969	3496.191
Stddev	48.697	143.03	13.134	13.566	73.414
%RSD	2.021973	.4109045	.5108569	.4256726	2.099817
#1	2439.926	34794.35	2585.437	3185.355	3542.630
#2	2432.937	34674.86	2559.856	3174.282	3534.389
#3	2352.303	34959.70	2567.479	3201.270	3411.554

Sample Name: Q3581-04 Acquired: 11/11/2025 16:30:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002857	.0040221	.0188071	-.004313	-.001469	.1395341	.3356002
Stddev	.005356	.0037890	.0016918	.002364	.001547	.0216519	.0047367
%RSD	187.4751	94.20539	8.995746	54.81661	105.3118	15.51729	1.411410

#1	-.001174	.0021491	.0183357	-.006616	-.000977	.1310907	.3307213
#2	-.008853	.0015343	.0174009	-.004431	-.000228	.1641356	.3358989
#3	.001455	.0083828	.0206846	-.001892	-.003203	.1233760	.3401805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000644	.0004732	13.12373	.0027179	.0017151	.0178589	.1157063
Stddev	.0001210	.0000272	.11551	.0003865	.0001663	.0002761	.0285861
%RSD	187.8255	5.741824	.8801983	14.22108	9.698728	1.546105	24.70577

#1	-.000071	.0004765	13.15949	.0031482	.0017415	.0175502	.1115619
#2	.000162	.0004985	12.99456	.0024002	.0018667	.0180823	.0894185
#3	.000103	.0004445	13.21713	.0026053	.0015372	.0179443	.1461384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7590287	3.437893	.0116698	-.000789	288.2830	-.002220	.1249310
Stddev	.0063878	.055258	.0005646	.001227	2.7810	.003821	.0004215
%RSD	.8415726	1.607319	4.838019	155.5016	.9646925	172.1040	.3373790

#1	.7551504	3.381282	.0111045	.000355	290.5872	-.000127	.1251959
#2	.7555344	3.440707	.0116713	-.002084	285.1939	-.006630	.1251520
#3	.7664014	3.491691	.0122337	-.000637	289.0681	.000097	.1244449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.750616	.0412199	.0009399	-.006303	-.002635	1.455475	.0254529
Stddev	.133339	.0008315	.0002527	.002101	.002964	.036623	.0052938
%RSD	17.76398	2.017241	26.88475	33.33067	112.4808	2.516238	20.79852

#1	-.632621	.0421435	.0007771	-.008552	-.005868	1.473854	.0195718
#2	-.723955	.0409852	.0008116	-.005965	-.000044	1.413302	.0298372
#3	-.895271	.0405310	.0012310	-.004392	-.001994	1.479269	.0269498

Sample Name: Q3581-04 Acquired: 11/11/2025 16:30:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3674189	-.010245	.0684077
Stddev	.0010747	.004876	.0008393
%RSD	.2925017	47.58892	1.226958

#1	.3666895	-.015538	.0686183
#2	.3686531	-.009261	.0674831
#3	.3669142	-.005936	.0691217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.290	34564.75	2535.299	3131.575	3537.906
Stddev	5.860	243.25	12.271	26.794	6.155
%RSD	.2426035	.7037660	.4840176	.8555986	.1739746

#1	2408.599	34291.21	2537.841	3103.708	3531.275
#2	2417.764	34756.78	2546.100	3157.149	3539.004
#3	2419.507	34646.26	2521.956	3133.868	3543.438

Sample Name: Q3581-06 Acquired: 11/11/2025 16:35:01 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000368	-.000147	.0253604	-.001726	.0009057	.0250695	.1499433
Stddev	.003820	.001092	.0034700	.006055	.0021514	.0213783	.0034822
%RSD	1037.040	744.2131	13.68266	350.9155	237.5365	85.27599	2.322325

#1	.001339	.000085	.0255328	-.005729	.0019025	.0219279	.1529526
#2	-.004744	-.001336	.0287410	-.004688	.0023779	.0478448	.1507481
#3	.002300	.000811	.0218074	.005241	-.001563	.0054359	.1461292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	.0010094	10.23983	.0015750	.0001928	.0102723	.0502271
Stddev	.000013	.0002785	.07622	.0007820	.0003269	.0010708	.0083847
%RSD	9.712029	27.58725	.7442991	49.64981	169.5125	10.42444	16.69353

#1	-.000124	.0009148	10.31693	.0008755	.0004446	.0110687	.0588181
#2	-.000137	.0013229	10.23805	.0014303	-.000177	.0090550	.0497981
#3	-.000150	.0007906	10.16453	.0024193	.000311	.0106932	.0420652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282381	1.251867	.0025076	-.000675	310.3823	.0052886	.1489737
Stddev	.0007086	.024521	.0001323	.002231	2.0296	.0128082	.0010163
%RSD	.5525879	1.958721	5.275799	330.3687	.6539189	242.1864	.6821782

#1	.1289162	1.268106	.0024113	.001384	310.2412	.0086820	.1482310
#2	.1282957	1.223660	.0026585	-.003046	312.4788	-.008875	.1485582
#3	.1275025	1.263834	.0024532	-.000364	308.4269	.016058	.1501319

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.259407	.0125238	.0011226	-.007363	-.002780	.7717915	.0255554
Stddev	.082458	.0009283	.0003793	.001531	.003484	.0754135	.0054340
%RSD	31.78724	7.412212	33.79011	20.79361	125.2953	9.771228	21.26354

#1	-.343467	.0118035	.0008107	-.006659	-.001127	.7145380	.0198091
#2	-.178650	.0135714	.0010123	-.009120	-.000431	.8572401	.0306110
#3	-.256104	.0121965	.0015449	-.006311	-.006783	.7435964	.0262461

Sample Name: Q3581-06 Acquired: 11/11/2025 16:35:01 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1382901	-.012406	.0475529
Stddev	.0067441	.002868	.0002463
%RSD	4.876802	23.11669	.5178564

#1	.1453806	-.009889	.0478357
#2	.1375338	-.015528	.0474372
#3	.1319561	-.011800	.0473857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.778	33449.90	2453.291	3042.215	3437.376
Stddev	10.384	142.19	29.058	31.078	13.375
%RSD	.4404276	.4250707	1.184435	1.021544	.3890941

#1	2345.885	33488.34	2440.122	3065.343	3422.018
#2	2365.044	33568.91	2486.602	3054.413	3446.468
#3	2362.406	33292.44	2433.150	3006.889	3443.641

Sample Name: CCV04 Acquired: 11/11/2025 16:39:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129946	5.091102	4.984199	5.109568	5.137281	10.30584	10.39123
Stddev	.007908	.156189	.017490	.012131	.004976	.03925	.03806
%RSD	.1541621	3.067891	.3509187	.2374170	.0968561	.3808086	.3662880

#1	5.121155	5.206723	4.964328	5.105399	5.133034	10.33574	10.42124
#2	5.132198	5.153161	4.991009	5.123234	5.142756	10.26140	10.40405
#3	5.136484	4.913421	4.997261	5.100071	5.136052	10.32039	10.34842

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2614301	2.508781	25.63271	1.034794	2.524400	1.285726	5.241020
Stddev	.0019738	.007332	.05735	.008068	.005456	.000879	.030509
%RSD	.7549947	.2922452	.2237201	.7796766	.2161217	.0683503	.5821164

#1	.2633680	2.500330	25.61478	1.043862	2.518413	1.284717	5.205851
#2	.2615001	2.512560	25.58647	1.032108	2.525699	1.286321	5.260370
#3	.2594223	2.513452	25.69688	1.028411	2.529090	1.286141	5.256839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.576322	25.37486	2.511702	1.313518	26.21053	2.564835	2.638765
Stddev	.006087	.15420	.002848	.010321	.14329	.017419	.009244
%RSD	.2362804	.6077067	.1134062	.7857597	.5466772	.6791379	.3503179

#1	2.573978	25.52816	2.508443	1.325333	26.34312	2.582365	2.649429
#2	2.583233	25.21976	2.512946	1.308964	26.05853	2.564609	2.633027
#3	2.571755	25.37666	2.513716	1.306258	26.22995	2.547530	2.633839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.38689	5.205568	5.107823	5.072908	5.159606	5.139817	5.179460
Stddev	.18392	.036286	.011000	.006130	.008120	.085753	.017532
%RSD	.7244837	.6970675	.2153506	.1208440	.1573754	1.668408	.3384962

#1	25.32800	5.239715	5.119759	5.072486	5.167346	5.045013	5.185250
#2	25.23962	5.209525	5.105615	5.079239	5.160319	5.162467	5.193365
#3	25.59304	5.167466	5.098095	5.067000	5.151153	5.211972	5.159765

Sample Name: CCV04 Acquired: 11/11/2025 16:39:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.032042	5.236052	5.165642
Stddev	.038707	.010382	.013345
%RSD	.7692154	.1982789	.2583406

#1	5.019499	5.238745	5.177800
#2	5.075465	5.244822	5.167763
#3	5.001161	5.224589	5.151364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.909	33536.13	2442.678	3045.347	3456.121
Stddev	8.710	291.33	16.997	26.478	8.831
%RSD	.3700206	.8687003	.6958504	.8694548	.2555321

#1	2343.904	33299.55	2425.561	3029.007	3447.177
#2	2359.805	33861.53	2459.553	3075.896	3464.835
#3	2358.017	33447.30	2442.920	3031.138	3456.351

Sample Name: CCB04 Acquired: 11/11/2025 16:43:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002335	.0053095	-.001290	-.006880	.0008616	.0380031
Stddev	.006429	.0029593	.000603	.004621	.0015670	.0237653
%RSD	275.3389	55.73665	46.77590	67.17053	181.8759	62.53527

#1	-.005617	.0069077	-.001603	-.001819	-.000627	.0309008
#2	-.006461	.0071261	-.001672	-.007947	.002497	.0185986
#3	.005073	.0018947	-.000594	-.010875	.000714	.0645098

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022822	-.000013	.0001370	.0602579	.0005240	.0004477
Stddev	.0032099	.000131	.0001260	.0097576	.0004853	.0002795
%RSD	140.6487	991.7579	91.93030	16.19307	92.61406	62.43016

#1	.0017320	.000134	.0002631	.0490205	.0001215	.0007643
#2	.0057316	-.000119	.0001368	.0665840	.0010629	.0002354
#3	-.000617	-.000054	.0000112	.0651694	.0003877	.0003433

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004392	-.013620	.0004391	.0240703	.0003417	-.000958
Stddev	.0006359	.045209	.0016664	.0191904	.0001201	.000251
%RSD	144.7840	331.9267	379.4804	79.72626	35.15434	26.17427

#1	.0007017	-.017484	.0006100	.0064619	.0003774	-.000676
#2	.0009018	.033397	.0020135	.0212243	.0004399	-.001157
#3	-.000286	-.056774	-.001306	.0445248	.0002078	-.001041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.232214	-.002986	.0001125	.1135737	.0074862	.0009401
Stddev	.079925	.004309	.0007914	.2498053	.0013417	.0003510
%RSD	34.41859	144.2892	703.2080	219.9501	17.92233	37.33405

#1	-.318520	.000790	-.000597	-.173483	.0089060	.0012442
#2	-.217371	-.007680	.000966	.232577	.0062393	.0010199
#3	-.160751	-.002069	-.000031	.281627	.0073133	.0005560

Sample Name: CCB04 Acquired: 11/11/2025 16:43:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001083	-.005015	-.020541	-.001215	F -.010750	F -.014480
Stddev	.001349	.003572	.065975	.000264	.004413	.002298
%RSD	124.4835	71.23188	321.1857	21.72816	41.05510	15.86821
#1	-.001320	-.001216	-.092447	-.001519	-.006325	-.016855
#2	.000368	-.008306	.037203	-.001085	-.015152	-.012268
#3	-.002298	-.005523	-.006380	-.001041	-.010773	-.014316

Elem	Sr4077
Units	ppm
Avg	-.000070
Stddev	.000466
%RSD	666.3891
#1	.000255
#2	-.000604
#3	.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.860	34234.93	2558.528	3093.779	3809.741
Stddev	.223	95.76	5.923	17.708	2.907
%RSD	.0092277	.2797118	.2315120	.5723615	.0763087
#1	2419.110	34323.97	2559.939	3113.278	3808.066
#2	2418.679	34133.63	2552.026	3078.701	3808.059
#3	2418.793	34247.18	2563.618	3089.357	3813.098

Sample Name: Q3581-08 Acquired: 11/11/2025 16:47:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004401	.0076602	.0054357	-.001539	-.001419	.1196916	.2139830
Stddev	.003924	.0059202	.0004212	.006756	.004650	.0425451	.0030708
%RSD	89.14937	77.28506	7.748573	439.0757	327.5909	35.54560	1.435058

#1	-.000219	.0042251	.0050051	-.009049	-.004173	.0912942	.2152240
#2	-.008001	.0042593	.0058468	.004047	-.004034	.0991732	.2104860
#3	-.004984	.0144963	.0054553	.000386	.003949	.1686074	.2162391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002798	.0002964	9.152811	.0014017	.0022241	.0085384	.0491574
Stddev	.0000769	.0001057	.028520	.0001676	.0000662	.0002677	.0221190
%RSD	27.48850	35.64698	.3115965	11.95741	2.977169	3.135086	44.99616

#1	.0003419	.0002101	9.121992	.0014213	.0021477	.0082308	.0706135
#2	.0003037	.0002649	9.158171	.0012252	.0022660	.0087189	.0504284
#3	.0001938	.0004143	9.178271	.0015587	.0022585	.0086654	.0264304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1700031	3.886836	.0111155	-.002330	333.1258	-.007190	.1111050
Stddev	.0006544	.024617	.0002498	.000786	.9371	.008838	.0012678
%RSD	.3849170	.6333397	2.247487	33.74045	.2813002	122.9189	1.141091

#1	.1705974	3.868958	.0110763	-.001424	334.0515	.001627	.1096471
#2	.1701102	3.914913	.0108876	-.002839	332.1778	-.016049	.1117188
#3	.1693018	3.876636	.0113826	-.002726	333.1481	-.007149	.1119491

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.163705	.0198493	.0010386	-.008010	-.000822	.6928636	.0134778
Stddev	.067548	.0017303	.0001332	.001386	.002478	.0153719	.0038480
%RSD	41.26199	8.717016	12.82641	17.30548	301.3837	2.218606	28.55033

#1	-.230197	.0215949	.0010288	-.006432	-.003684	.7105967	.0091666
#2	-.165767	.0181348	.0011765	-.008566	.000652	.6833262	.0165646
#3	-.095149	.0198182	.0009106	-.009031	.000565	.6846680	.0147023

Sample Name: Q3581-08 Acquired: 11/11/2025 16:47:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.014503	-.019118	.0720687
Stddev	.000795	.002960	.0007327
%RSD	.0784095	15.48018	1.016659
#1	1.013607	-.018434	.0727734
#2	1.015126	-.022360	.0713109
#3	1.014776	-.016561	.0721217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.461	34540.02	2537.419	3122.218	3529.620
Stddev	7.795	30.93	2.973	8.948	12.879
%RSD	.3212419	.0895616	.1171533	.2866031	.3648707
#1	2417.462	34505.44	2538.749	3124.352	3515.430
#2	2431.090	34565.06	2539.495	3129.906	3540.566
#3	2430.832	34549.56	2534.014	3112.395	3532.863

Sample Name: Q3590-01 Acquired: 11/11/2025 16:51:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003036	.0054540	.0157675	-.003033	-.001251	.1617725	.3857041
Stddev	.004443	.0041671	.0012559	.001734	.001521	.0170236	.0050456
%RSD	146.3736	76.40436	7.965228	57.16031	121.5937	10.52315	1.308151

#1	-.003995	.0093828	.0145383	-.001434	-.000511	.1798964	.3853840
#2	-.006921	.0058954	.0157155	-.004876	-.003000	.1593017	.3808262
#3	.001809	.0010838	.0170485	-.002789	-.000241	.1461193	.3909022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	.0005396	12.11809	.0204652	.0002475	.0094980	.3309079
Stddev	.000143	.0000984	.08969	.0005077	.0001142	.0007069	.0147368
%RSD	230.4532	18.22928	.7401595	2.480847	46.13601	7.442581	4.453434

#1	.000057	.0004330	12.10877	.0207622	.0001649	.0101934	.3285165
#2	-.000220	.0005589	12.21208	.0207545	.0001997	.0087801	.3175131
#3	-.000023	.0006269	12.03343	.0198790	.0003778	.0095207	.3466941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419263	3.280566	.0071159	-.001014	371.6736	.0004545	.5454733
Stddev	.0013143	.016462	.0005239	.000167	.6889	.0123862	.0026026
%RSD	3.134670	.5017961	7.362421	16.43200	.1853622	2725.439	.4771310

#1	.0430577	3.262587	.0076386	-.000936	372.1333	-.012512	.5432497
#2	.0422366	3.284213	.0071182	-.000901	372.0060	.001710	.5483359
#3	.0404847	3.294899	.0065908	-.001205	370.8815	.012165	.5448344

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4782131	.0968630	.0003974	-.007207	-.001018	.5043967	.0918478
Stddev	.0934610	.0003671	.0001362	.000579	.004592	.0135186	.0043001
%RSD	19.54379	.3790166	34.26757	8.027624	451.1418	2.680144	4.681728

#1	.3781749	.0964883	.0005543	-.007801	-.004477	.4953916	.0960829
#2	.5632925	.0968787	.0003098	-.007175	.004192	.5199416	.0919751
#3	.4931720	.0972220	.0003281	-.006645	-.002769	.4978570	.0874855

Sample Name: Q3590-01 Acquired: 11/11/2025 16:51:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4528672	-.021018	.0567733
Stddev	.0057652	.007635	.0006149
%RSD	1.273036	36.32574	1.083136
#1	.4535397	-.029049	.0566526
#2	.4582667	-.013854	.0562276
#3	.4467953	-.020151	.0574396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.470	34036.29	2561.410	3075.138	3477.992
Stddev	3.792	116.67	3.188	10.516	1.528
%RSD	.1581179	.3427804	.1244751	.3419563	.0439460
#1	2397.298	33937.21	2564.751	3072.663	3477.951
#2	2395.401	34006.78	2558.400	3066.081	3479.541
#3	2402.709	34164.88	2561.081	3086.671	3476.485

Sample Name: Q3590-03 Acquired: 11/11/2025 16:56:06 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092379	.0029716	.0024383	-.004485	-.002747	.0105991	.0676568
Stddev	.0056594	.0042243	.0011807	.001676	.003032	.0366770	.0021029
%RSD	61.26362	142.1531	48.42230	37.37643	110.3893	346.0371	3.108161

#1	.0056012	.0044366	.0022143	-.004676	-.006249	.0443396	.0695818
#2	.0063540	-.001790	.0013857	-.002721	-.000993	.0158961	.0654126
#3	.0157584	.006268	.0037149	-.006057	-.000999	-.028438	.0679759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000152	.0014693	38.72865	.0034517	.0049618	.0089503	.5191568
Stddev	.000116	.0001658	.00878	.0005625	.0002445	.0009866	.0219777
%RSD	76.53910	11.28561	.0226771	16.29697	4.927104	11.02243	4.233351

#1	-.000135	.0013191	38.73317	.0040036	.0051238	.0091163	.4979396
#2	-.000275	.0016472	38.73426	.0028791	.0050810	.0098434	.5177077
#3	-.000045	.0014414	38.71853	.0034724	.0046806	.0078914	.5418233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2110027	9.021476	.0120098	-.001463	177.5846	-.003789	.6439837
Stddev	.0012188	.060411	.0007857	.000252	.4577	.011215	.0007652
%RSD	.5776208	.6696377	6.542057	17.25135	.2577179	295.9821	.1188151

#1	.2099379	8.968283	.0129075	-.001745	177.2059	-.002233	.6444914
#2	.2107381	9.008990	.0116745	-.001260	177.4547	.006567	.6443561
#3	.2123321	9.087154	.0114474	-.001383	178.0931	-.015701	.6431037

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.154948	.0394780	.0023551	-.010562	-.001246	3.972954	.0206427
Stddev	.140331	.0017183	.0005584	.001059	.002189	.016482	.0042015
%RSD	2.722254	4.352603	23.71086	10.02491	175.6425	.4148572	20.35364

#1	5.164750	.0413894	.0020930	-.011772	-.003502	3.982761	.0248282
#2	5.290121	.0389835	.0019760	-.010106	-.001104	3.953925	.0164252
#3	5.009974	.0380612	.0029964	-.009807	.000868	3.982177	.0206747

Sample Name: Q3590-03 Acquired: 11/11/2025 16:56:06 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.820949	-.016557	.1849878
Stddev	.027069	.004862	.0008777
%RSD	.4650241	29.36432	.4744893
#1	5.852164	-.011894	.1859340
#2	5.803951	-.016182	.1848292
#3	5.806731	-.021596	.1842002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.312	34965.29	2614.207	3151.713	3600.474
Stddev	7.214	101.69	24.322	13.293	11.653
%RSD	.2954846	.2908451	.9303920	.4217571	.3236457
#1	2448.528	34848.00	2586.707	3137.131	3608.766
#2	2441.307	35028.83	2623.015	3163.152	3605.505
#3	2434.100	35019.04	2632.898	3154.857	3587.151

Sample Name: Q3590-05 Acquired: 11/11/2025 17:00:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004828	.0006801	.0079646	-.001549	-.001151	.0317869	.1836480
Stddev	.002624	.0041856	.0006255	.002478	.002584	.0215164	.0031900
%RSD	54.35860	615.4728	7.852803	159.9712	224.5790	67.68960	1.737034

#1	-.007784	-.000686	.0083854	.001206	.001307	.0138167	.1799996
#2	-.002772	.005378	.0072459	-.002256	-.000914	.0556300	.1859117
#3	-.003928	-.002652	.0082626	-.003597	-.003845	.0259140	.1850327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	.0009145	1.188866	.0014753	.0001652	.0120151	.0092075
Stddev	.000051	.0001056	.017392	.0004878	.0005368	.0006774	.0394184
%RSD	51.65819	11.55045	1.462937	33.06658	324.9550	5.638165	428.1106

#1	-.000098	.0009623	1.208834	.0013047	.0003892	.0112700	-.003834
#2	-.000148	.0009877	1.177027	.0020255	-.000447	.0125939	-.022037
#3	-.000047	.0007934	1.180736	.0010956	.000554	.0121813	.053494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125591	.2637600	.0034751	-.002611	281.2924	-.005932	.3586517
Stddev	.0020460	.0817840	.0002967	.000711	1.4268	.004824	.0008680
%RSD	16.29093	31.00697	8.539241	27.21337	.5072209	81.32890	.2420317

#1	.0116082	.2896774	.0037103	-.002290	282.4898	-.000611	.3593681
#2	.0111616	.1721575	.0031417	-.002117	279.7137	-.007162	.3589005
#3	.0149075	.3294450	.0035734	-.003425	281.6737	-.010022	.3576864

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.772024	.0234007	.0007354	-.005732	-.000916	.0845521	.0153164
Stddev	.039467	.0007526	.0006093	.001100	.005846	.0547266	.0046867
%RSD	5.112086	3.215987	82.85363	19.18498	638.3074	64.72527	30.59915

#1	-.726935	.0225351	.0014384	-.005157	-.005872	.1121175	.0179315
#2	-.800302	.0238999	.0004083	-.005038	.005532	.1200148	.0099057
#3	-.788834	.0237670	.0003594	-.007000	-.002408	.0215240	.0181120

Sample Name: Q3590-05 Acquired: 11/11/2025 17:00:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2189838	-.018164	.0056051
Stddev	.0059220	.002094	.0002602
%RSD	2.704290	11.52817	4.641737

#1	.2256947	-.015747	.0053657
#2	.2144913	-.019437	.0058820
#3	.2167655	-.019307	.0055676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.267	34123.44	2611.063	3097.790	3537.093
Stddev	3.055	122.97	11.866	13.423	8.087
%RSD	.1261194	.3603768	.4544538	.4332967	.2286431

#1	2421.374	33983.82	2602.611	3082.436	3537.164
#2	2419.758	34215.65	2624.629	3107.300	3528.970
#3	2425.669	34170.84	2605.949	3103.634	3545.144

Sample Name: Q3593-04 Acquired: 11/11/2025 17:04:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001140	.0063277	.0014540	-.002679	-.002433	.2537734	.3790801
Stddev	.007050	.0031302	.0016862	.006049	.002443	.0183429	.0038553
%RSD	618.6948	49.46786	115.9646	225.7511	100.3886	7.228045	1.017011

#1	-.006869	.0072176	.0033910	-.002607	.000024	.2725105	.3752227
#2	-.003283	.0089166	.0006563	-.008764	-.004861	.2529578	.3829333
#3	.006734	.0028489	.0003148	.003333	-.002463	.2358520	.3790844

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000538	.0004008	15.69601	.0024527	.0019519	.0019847	.1583549
Stddev	.0000904	.0002199	.07208	.0002537	.0006455	.0003507	.0199398
%RSD	167.9312	54.87162	.4592042	10.34344	33.07219	17.67087	12.59185

#1	.0000025	.0001525	15.77924	.0022956	.0012416	.0020643	.1771702
#2	.0000008	.0004789	15.65531	.0027454	.0021114	.0016010	.1604402
#3	.0001582	.0005709	15.65350	.0023172	.0025028	.0022888	.1374544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1530373	5.306733	.0035558	-.002129	294.0925	-.006999	.1520298
Stddev	.0008752	.034838	.0003688	.001018	.7664	.007036	.0019563
%RSD	.5718962	.6564821	10.37174	47.81612	.2606141	100.5350	1.286803

#1	.1532635	5.345411	.0032167	-.000963	293.2097	-.014795	.1521843
#2	.1520712	5.277820	.0035022	-.002844	294.4792	-.001119	.1539043
#3	.1537773	5.296968	.0039484	-.002580	294.5886	-.005082	.1500008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.372287	.0523485	.0014133	-.008225	.0053185	1.192141	.0276509
Stddev	.081320	.0027285	.0009319	.001158	.0028602	.017664	.0031382
%RSD	5.925887	5.212170	65.93664	14.08444	53.77846	1.481683	11.34948

#1	1.414837	.0494149	.0015889	-.008132	.0076318	1.191777	.0240834
#2	1.423503	.0528204	.0022448	-.009428	.0021205	1.209983	.0288842
#3	1.278519	.0548103	.0004061	-.007116	.0062032	1.174661	.0299852

Sample Name: Q3593-04 Acquired: 11/11/2025 17:04:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6090594	-.012503	.0944022
Stddev	.0082130	.006525	.0000744
%RSD	1.348475	52.18622	.0787809
#1	.6012578	-.019603	.0944864
#2	.6082906	-.011137	.0943455
#3	.6176298	-.006770	.0943745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.689	35310.33	2610.953	3195.819	3610.418
Stddev	23.586	119.88	12.398	15.727	33.023
%RSD	.9515582	.3395154	.4748341	.4921160	.9146669
#1	2486.272	35223.51	2598.668	3178.079	3623.026
#2	2497.551	35447.11	2623.461	3201.328	3635.280
#3	2452.244	35260.37	2610.731	3208.051	3572.948

Sample Name: Q3593-06 Acquired: 11/11/2025 17:08:49 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002654	.0044513	.0011645	-.003601	-.000627	.3471035	.2991227
Stddev	.006010	.0016597	.0007699	.004513	.002236	.0078295	.0022916
%RSD	226.4763	37.28593	66.11567	125.3417	356.9392	2.255672	.7661129

#1	-.001957	.0029169	.0016190	-.008573	.001714	.3439554	.2970635
#2	-.008981	.0062130	.0015989	.000237	-.002742	.3413380	.3015915
#3	.002978	.0042242	.0002755	-.002467	-.000851	.3560170	.2987133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0001975	13.35966	.0052338	.0054737	.0023472	.2180302
Stddev	.000065	.0001165	.03706	.0004778	.0004647	.0005870	.0208213
%RSD	209.6733	58.98298	.2774299	9.130022	8.489541	25.00824	9.549735

#1	-.000106	.0000641	13.31729	.0055706	.0050027	.0028784	.2203375
#2	.000017	.0002497	13.38608	.0054439	.0054865	.0024461	.2376018
#3	-.000004	.0002789	13.37560	.0046869	.0059318	.0017170	.1961514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3265341	4.527938	.0136642	-.001206	305.2859	.0060780	.1327031
Stddev	.0027722	.089990	.0006718	.001274	1.7304	.0060920	.0025602
%RSD	.8489620	1.987431	4.916156	105.6381	.5668031	100.2296	1.929230

#1	.3238717	4.498134	.0139737	.000227	303.3017	.0129786	.1356590
#2	.3294043	4.456632	.0128935	-.001634	306.4817	.0038107	.1312626
#3	.3263263	4.629049	.0141254	-.002210	306.0742	.0014449	.1311877

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045449	.0500243	.0014945	-.007225	.0065810	1.489196	.0241003
Stddev	.108117	.0028081	.0000909	.000969	.0058976	.043577	.0017949
%RSD	10.34169	5.613543	6.085256	13.41877	89.61595	2.926223	7.447535

#1	1.166202	.0530372	.0014140	-.006502	.0082608	1.458545	.0260943
#2	.957625	.0474799	.0015931	-.006846	.0114566	1.469961	.0226139
#3	1.012519	.0495558	.0014762	-.008326	.0000257	1.539081	.0235926

Sample Name: Q3593-06 Acquired: 11/11/2025 17:08:49 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7556774	-.013040	.1001369
Stddev	.0071996	.001954	.0002612
%RSD	.9527350	14.98356	.2608290
#1	.7475646	-.013227	.0998811
#2	.7613058	-.014894	.1001264
#3	.7581617	-.011000	.1004032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.494	34552.30	2577.069	3147.834	3531.896
Stddev	5.915	161.31	4.466	21.156	6.530
%RSD	.2438584	.4668618	.1733125	.6720802	.1848867
#1	2426.065	34728.51	2582.177	3168.446	3534.047
#2	2419.314	34411.90	2573.900	3126.173	3524.562
#3	2431.102	34516.50	2575.129	3148.884	3537.079

Sample Name: Q3593-08 Acquired: 11/11/2025 17:13:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005169	.0092873	.0070907	-.002048	-.004206	.1796703	.2645969
Stddev	.005237	.0038735	.0018591	.003596	.003990	.0259865	.0033995
%RSD	101.3090	41.70828	26.21955	175.5916	94.85956	14.46345	1.284803

#1	.000812	.0055328	.0061561	-.001493	-.000658	.2084402	.2684299
#2	-.008931	.0090592	.0058842	.001239	-.003435	.1579017	.2634140
#3	-.007389	.0132698	.0092316	-.005889	-.008526	.1726690	.2619468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000077	.0009201	13.86062	.0009793	.0003050	.0031484	.0959222
Stddev	.000030	.0000066	.11454	.0007270	.0004620	.0004729	.0074846
%RSD	38.19878	.7225158	.8263419	74.23184	151.4911	15.02132	7.802738

#1	-.000100	.0009124	13.98501	.0014498	.0002366	.0030548	.0872982
#2	-.000044	.0009233	13.83734	.0013463	-.000119	.0036612	.0997458
#3	-.000089	.0009245	13.75952	.0001420	.000797	.0027293	.1007225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1004078	2.241012	.0016530	-.001356	289.5464	-.000269	.1959823
Stddev	.0014487	.027880	.0004591	.001100	3.6685	.005264	.0032321
%RSD	1.442797	1.244072	27.77592	81.12372	1.266975	1954.208	1.649166

#1	.1005299	2.248561	.0019529	-.000734	285.3137	-.004411	.1944649
#2	.1017916	2.210135	.0018817	-.002625	291.8076	.005655	.1996939
#3	.0989019	2.264341	.0011244	-.000707	291.5178	-.002051	.1937882

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.272535	.0539431	.0005886	-.006578	-.000083	1.871418	.0964606
Stddev	.202125	.0037299	.0004280	.000424	.004253	.017979	.0032835
%RSD	8.894262	6.914551	72.70922	6.445013	5138.005	.9607239	3.404024

#1	2.385353	.0549781	.0006659	-.006436	-.003882	1.867236	.0962342
#2	2.393068	.0570463	.0001273	-.007055	-.000878	1.855898	.0998515
#3	2.039183	.0498050	.0009727	-.006243	.004511	1.891119	.0932961

Sample Name: Q3593-08 Acquired: 11/11/2025 17:13:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4525271	-.020922	.0947442
Stddev	.0081159	.004906	.0005433
%RSD	1.793457	23.44716	.5734002

#1	.4519008	-.015345	.0945807
#2	.4447426	-.022850	.0953504
#3	.4609380	-.024571	.0943014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.351	33956.14	2554.398	3122.761	3490.503
Stddev	11.131	39.97	30.056	25.817	16.377
%RSD	.4656575	.1177004	1.176636	.8267260	.4691953

#1	2377.611	33998.47	2519.752	3152.539	3471.747
#2	2395.255	33950.90	2573.482	3109.088	3501.973
#3	2398.188	33919.06	2569.960	3106.657	3497.789

Sample Name: Q3593-10 Acquired: 11/11/2025 17:17:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005000	.0064018	.0033218	-.002498	-.001242	.3580504	.4462533
Stddev	.001300	.0046679	.0013383	.002227	.002605	.0200905	.0066033
%RSD	25.99259	72.91622	40.28779	89.15765	209.6865	5.611089	1.479711

#1	-.006465	.0112478	.0021615	-.003354	-.003778	.3697717	.4406704
#2	-.004548	.0060224	.0047859	-.004170	.001427	.3695272	.4445474
#3	-.003987	.0019351	.0030180	.000030	-.001375	.3348523	.4535421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000107	.0013782	12.65925	.0020108	.0002686	.0041547	.2814209
Stddev	.000037	.0000813	.04155	.0002360	.0002445	.0003991	.0387428
%RSD	34.30074	5.900307	.3282189	11.73449	91.04994	9.605467	13.76687

#1	-.000079	.0012932	12.61386	.0021421	.0004406	.0038742	.2373821
#2	-.000148	.0014553	12.69540	.0021520	-.000011	.0039783	.2966256
#3	-.000093	.0013861	12.66850	.0017384	.000376	.0046116	.3102551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675029	2.841955	.0020572	-.002381	260.5576	-.001693	.3317963
Stddev	.0014046	.018384	.0002770	.001465	1.8183	.006668	.0022155
%RSD	2.080851	.6468719	13.46331	61.52710	.6978526	393.9103	.6677347

#1	.0691098	2.822169	.0022709	-.002969	258.4616	-.004146	.3298037
#2	.0665090	2.858507	.0017443	-.003462	261.4995	-.006787	.3314030
#3	.0668898	2.845189	.0021565	-.000714	261.7117	.005855	.3341821

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9027410	.0963476	.0006016	-.006826	.0120536	.8875874	.0449434
Stddev	.1150982	.0017927	.0003227	.001546	.0023385	.0914152	.0044872
%RSD	12.74986	1.860691	53.64094	22.64550	19.40110	10.29929	9.984212

#1	.8032375	.0975306	.0003995	-.005797	.0122379	.7822541	.0493139
#2	1.028794	.0942850	.0009738	-.008604	.0096283	.9462046	.0403479
#3	.876191	.0972272	.0004316	-.006078	.0142945	.9343036	.0451686

Sample Name: Q3593-10 Acquired: 11/11/2025 17:17:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5344893	-.024641	.0755582
Stddev	.0130455	.003685	.0002495
%RSD	2.440743	14.95383	.3302450
#1	.5345332	-.026837	.0752779
#2	.5475128	-.020387	.0757560
#3	.5214219	-.026700	.0756408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.328	34263.29	2534.607	3110.998	3500.757
Stddev	32.021	236.53	9.306	31.691	49.347
%RSD	1.340179	.6903362	.3671713	1.018677	1.409605
#1	2403.544	34526.97	2545.100	3147.578	3523.411
#2	2352.660	34069.79	2527.354	3093.582	3444.151
#3	2411.780	34193.11	2531.366	3091.835	3534.709

Sample Name: Q3598-02 Acquired: 11/11/2025 17:21:37 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000679	.0044395	.0026516	-.004551	-.003260	.3002458	.0721181
Stddev	.001690	.0057792	.0012932	.004065	.003924	.0035642	.0052000
%RSD	248.7251	130.1765	48.77204	89.31687	120.3619	1.187108	7.210337

#1	-.002587	.0111023	.0036184	-.008289	.001166	.2985514	.0781223
#2	.000629	.0014309	.0011826	-.000223	-.004633	.3043412	.0690733
#3	-.000079	.0007853	.0031538	-.005141	-.006313	.2978449	.0691586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000262	-.000094	151.3285	.0105394	-.000282	.0016619	.0142790
Stddev	.000039	.000196	.5946	.0004369	.000531	.0010290	.0072618
%RSD	14.81909	207.7595	.3929101	4.145471	188.4050	61.91783	50.85658

#1	-.000254	.000080	151.8904	.0106097	-.000511	.0027110	.0158467
#2	-.000227	-.000306	151.3893	.0109369	.000325	.0006543	.0206289
#3	-.000304	-.000057	150.7059	.0100716	-.000660	.0016202	.0063614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049733	.0624468	.0011063	-.002107	305.9073	.0017421	.0046167
Stddev	.0018180	.0636207	.0005986	.001002	.3113	.0118175	.0003744
%RSD	36.55605	101.8798	54.10871	47.56374	.1017627	678.3528	8.108972

#1	.0070658	-.010777	.0013444	-.002165	305.5620	-.003248	.0047942
#2	.0037815	.104182	.0015492	-.001077	305.9934	-.006762	.0041866
#3	.0040724	.093936	.0004253	-.003078	306.1665	.015236	.0048693

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.690488	.0068845	.0037959	-.007202	-.008728	1.598086	.0077446
Stddev	.066246	.0027485	.0005134	.000829	.005543	.031729	.0025721
%RSD	2.462227	39.92260	13.52482	11.50516	63.50052	1.985433	33.21115

#1	2.622339	.0041784	.0043259	-.006933	-.002346	1.561538	.0048763
#2	2.694474	.0096735	.0033009	-.008132	-.012330	1.614151	.0085116
#3	2.754650	.0068017	.0037611	-.006542	-.011510	1.618570	.0098460

Sample Name: Q3598-02 Acquired: 11/11/2025 17:21:37 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.222537	-.043391	.7759821
Stddev	.010438	.004528	.0035501
%RSD	.2471961	10.43610	.4575025

#1	4.227064	-.038263	.7800537
#2	4.229947	-.045070	.7743585
#3	4.210600	-.046839	.7735342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.312	32898.76	2540.156	3017.394	3363.293
Stddev	8.245	74.22	13.582	19.945	7.068
%RSD	.3512489	.2256070	.5346905	.6609893	.2101566

#1	2341.978	32957.61	2524.476	3040.004	3356.101
#2	2356.808	32923.29	2547.699	3009.882	3370.231
#3	2343.149	32815.38	2548.292	3002.296	3363.545

Sample Name: Q3599-02 Acquired: 11/11/2025 17:25:53 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029770	.0106796	-.000138	-.005034	-.002611	.0597229	.0593381
Stddev	.0063436	.0078498	.003063	.003720	.001673	.0234369	.0063883
%RSD	213.0860	73.50228	2220.811	73.89842	64.05787	39.24272	10.76595

#1	-.000258	.0043795	.001414	-.001645	-.002207	.0466844	.0625923
#2	.010286	.0081861	-.003666	-.009014	-.001178	.0457046	.0519779
#3	-.001097	.0194733	.001838	-.004442	-.004449	.0867795	.0634440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.000148	138.5234	.1167481	-.000289	.0052889	.0011184
Stddev	.000077	.000234	.1760	.0005198	.000415	.0005698	.0147029
%RSD	75.53350	158.5568	.1270336	.4452152	143.9140	10.77339	1314.610

#1	-.000173	-.000162	138.4091	.1165985	.000102	.0046598	.0001359
#2	-.000020	.000093	138.7260	.1173262	-.000243	.0054366	-.013069
#3	-.000113	-.000375	138.4350	.1163195	-.000725	.0057703	.016288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011973	.0187220	.0010919	-.002478	280.3055	.0039368	.0026259
Stddev	.0010484	.0036754	.0003610	.001103	3.0582	.0044751	.0001362
%RSD	87.56140	19.63143	33.06471	44.49502	1.091025	113.6729	5.185708

#1	.0017025	.0145609	.0012028	-.003411	280.5999	.0062056	.0024947
#2	-.000008	.0215255	.0013845	-.002762	283.2058	.0068231	.0026165
#3	.001897	.0200797	.0006884	-.001261	277.1107	-.001218	.0027666

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386763	.0169326	.0101427	-.010843	-.006544	4.376234	.0123673
Stddev	.0932886	.0016738	.0003436	.002353	.003215	.037666	.0056614
%RSD	241.2036	9.885099	3.387817	21.69949	49.13061	.8607043	45.77696

#1	-.067700	.0183302	.0105268	-.013536	-.004168	4.344695	.0135617
#2	.106554	.0173898	.0100370	-.009183	-.005262	4.417940	.0173363
#3	.077175	.0150777	.0098644	-.009811	-.010202	4.366065	.0062041

Sample Name: Q3599-02 Acquired: 11/11/2025 17:25:53 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.358531	-.039319	1.183563
Stddev	.053061	.003508	.001484
%RSD	.6348132	8.920861	.1253818
#1	8.341302	-.043261	1.184790
#2	8.418065	-.038151	1.183985
#3	8.316225	-.036544	1.181914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.938	33847.56	2552.275	3049.443	3444.350
Stddev	4.514	203.06	10.448	30.256	9.363
%RSD	.1905612	.5999149	.4093526	.9921798	.2718405
#1	2365.470	33918.71	2558.930	3067.036	3438.644
#2	2367.301	33618.50	2557.663	3014.507	3439.249
#3	2374.042	34005.46	2540.233	3066.786	3455.156

Sample Name: CCV05 Acquired: 11/11/2025 17:30:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.172962	5.168347	5.039798	5.151938	5.155800	10.23335	10.28256
Stddev	.017301	.133288	.010128	.006208	.004259	.02504	.08361
%RSD	.3344590	2.578921	.2009627	.1205044	.0826091	.2446698	.8131272

#1	5.162829	5.142333	5.032498	5.153865	5.160173	10.20449	10.18791
#2	5.163118	5.049984	5.035536	5.156954	5.155561	10.24936	10.31338
#3	5.192939	5.312724	5.051361	5.144994	5.151665	10.24619	10.34638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2602810	2.542497	25.62900	1.036509	2.552939	1.294527	5.218006
Stddev	.0023210	.003079	.15887	.003985	.000871	.002358	.022760
%RSD	.8917393	.1211130	.6198918	.3844287	.0341338	.1821857	.4361847

#1	.2577641	2.539289	25.44770	1.040244	2.551937	1.291905	5.196932
#2	.2607420	2.542773	25.69538	1.032315	2.553361	1.296477	5.242142
#3	.2623370	2.545429	25.74392	1.036967	2.553519	1.295199	5.214945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560577	25.57115	2.537100	1.297767	25.53698	2.558571	2.631136
Stddev	.024524	.15186	.001280	.001324	.07068	.010645	.009473
%RSD	.9577720	.5938573	.0504401	.1020593	.2767935	.4160415	.3600353

#1	2.532424	25.39779	2.537853	1.298003	25.45914	2.556122	2.641991
#2	2.572010	25.63499	2.535623	1.296340	25.59717	2.549364	2.624539
#3	2.577297	25.68066	2.537825	1.298957	25.55463	2.570227	2.626879

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.10596	5.198459	5.162290	5.134575	5.101404	5.092254	5.176597
Stddev	.02743	.049883	.005638	.012461	.045378	.018507	.013193
%RSD	.1092477	.9595798	.1092207	.2426931	.8895130	.3634435	.2548669

#1	25.07976	5.151281	5.157368	5.126434	5.049194	5.108158	5.169900
#2	25.13447	5.193428	5.168442	5.128371	5.131349	5.096663	5.168094
#3	25.10366	5.250667	5.161059	5.148921	5.123668	5.071940	5.191795

Sample Name: CCV05 Acquired: 11/11/2025 17:30:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.112149	5.074617	5.121199
Stddev	.010933	.047057	.040713
%RSD	.2138672	.9273054	.7949992

#1	5.099591	5.020758	5.074187
#2	5.117305	5.095316	5.144815
#3	5.119551	5.107776	5.144594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.124	34518.12	2487.329	3097.691	3509.886
Stddev	.606	173.92	20.283	8.691	1.408
%RSD	.0253198	.5038540	.8154584	.2805728	.0401051

#1	2393.804	34363.28	2503.546	3090.264	3508.288
#2	2392.929	34706.30	2493.854	3107.250	3510.945
#3	2392.640	34484.77	2464.586	3095.559	3510.423

Sample Name: CCB05 Acquired: 11/11/2025 17:34:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	-.001980	.0005619	-.000249	-.005165	-.001050	.0120404	.0043376
Stddev	.004813	.0012598	.001741	.006934	.002109	.0080581	.0037725
%RSD	243.0343	224.2090	698.0682	134.2385	200.9112	66.92530	86.97304

#1	-.004292	-.000871	.001574	-.009214	.000657	.0083333	.0023239
#2	.003552	.001495	-.000429	.002841	-.003407	.0065030	.0086897
#3	-.005201	.001061	-.001893	-.009124	-.000398	.0212848	.0019992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000003	.0362449	.0006758	.0003890	-.000280	-.034069
Stddev	.000034	.000125	.0479275	.0009005	.0001939	.000269	.022924
%RSD	135.2615	4633.164	132.2322	133.2408	49.84078	95.85288	67.28720

#1	.000013	.000012	.0915827	-.000277	.0002005	-.000330	-.032772
#2	-.000036	.000114	.0091641	.001512	.0003786	-.000521	-.057614
#3	-.000052	-.000134	.0079881	.000792	.0005878	.000010	-.011821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000394	.0373537	.0007251	-.001327	.1584457	-.000506	.0008984
Stddev	.000766	.0703960	.0004730	.002313	.0599303	.004084	.0008058
%RSD	194.5833	188.4579	65.23154	174.2708	37.82390	807.7430	89.69568

#1	-.000739	.0123387	.0006534	-.001100	.0966947	.001137	.0010113
#2	.000484	.1168410	.0002921	-.003746	.2163722	.002502	.0016417
#3	-.000926	-.017119	.0012299	.000864	.1622700	-.005155	.0000420

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2627230	.0086256	.0012030	-.000242	-.003783	-.019889	-.001914
Stddev	.1822805	.0018188	.0005856	.001027	.003810	.022805	.002117
%RSD	69.38123	21.08555	48.67599	424.5527	100.7118	114.6622	110.6055

#1	.0567128	.0082440	.0018786	.000444	.000312	-.041541	-.002769
#2	.3283652	.0070279	.0008889	-.001423	-.004438	-.022042	-.003469
#3	.4030912	.0106049	.0008414	.000253	-.007224	.003916	.000497

Sample Name: CCB05 Acquired: 11/11/2025 17:34:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005195	-.008250	.0006852
Stddev	.005441	.006063	.0003104
%RSD	104.7298	73.49845	45.29951
#1	-.011441	-.007048	.0010430
#2	-.002660	-.014824	.0004887
#3	-.001484	-.002877	.0005238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.730	34964.95	2554.768	3157.327	3868.760
Stddev	1.970	60.50	11.539	20.019	3.600
%RSD	.0805041	.1730363	.4516669	.6340596	.0930503
#1	2448.431	34966.47	2566.405	3146.841	3872.912
#2	2444.572	34903.69	2554.570	3144.729	3866.867
#3	2447.187	35024.67	2543.330	3180.411	3866.502

Sample Name: Q3601-04 Acquired: 11/11/2025 17:38:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002936	.0048910	.0198333	-.010886	-.001309	.0219383	.2253810
Stddev	.002109	.0027229	.0029192	.004035	.001448	.0055780	.0056650
%RSD	71.85008	55.67142	14.71884	37.06831	110.6102	25.42572	2.513526

#1	-.004923	.0034333	.0198203	-.006275	.000202	.0186956	.2210218
#2	-.000723	.0032073	.0227590	-.012612	-.002685	.0283791	.2317844
#3	-.003161	.0080324	.0169206	-.013771	-.001444	.0187401	.2233369

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	.0007485	99.32589	.0020698	-.000116	.0109406	.0363894
Stddev	.000088	.0001903	1.24861	.0004697	.000151	.0011413	.0078605
%RSD	85.16617	25.42001	1.257088	22.69526	129.9838	10.43219	21.60114

#1	-.000200	.0005389	97.88634	.0016609	.000056	.0114587	.0425111
#2	-.000083	.0007965	100.1150	.0019655	-.000179	.0096321	.0275250
#3	-.000027	.0009102	99.9764	.0025829	-.000227	.0117310	.0391322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078148	2.631850	.0049231	-.001055	277.5845	-.013206	.1136517
Stddev	.0014427	.074984	.0002534	.001764	2.0733	.005062	.0008510
%RSD	1.338108	2.849104	5.146392	167.1596	.7469040	38.32999	.7487881

#1	.1065507	2.547743	.0046440	-.001402	279.5875	-.019022	.1146206
#2	.1075073	2.691711	.0049868	-.002620	277.7185	-.010808	.1130254
#3	.1093864	2.656096	.0051386	.000856	275.4474	-.009789	.1133092

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5553685	.0233492	.0017805	-.009787	-.005627	1.992283	.0319434
Stddev	.0744237	.0019891	.0001878	.001824	.001945	.004041	.0025283
%RSD	13.40078	8.519008	10.54660	18.64101	34.56686	.2028430	7.915067

#1	.5913870	.0212763	.0019200	-.010193	-.003517	1.991186	.0348523
#2	.6049306	.0235290	.0018544	-.011374	-.006018	1.988903	.0302731
#3	.4697879	.0252424	.0015670	-.007794	-.007348	1.996759	.0307050

Sample Name: Q3601-04 Acquired: 11/11/2025 17:38:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.226677	-.030781	.4745642
Stddev	.005605	.005909	.0039816
%RSD	.4568992	19.19848	.8390082
#1	1.223708	-.029635	.4700639
#2	1.233141	-.037179	.4776291
#3	1.223181	-.025528	.4759995

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.169	33613.69	2517.783	3055.363	3445.055
Stddev	.903	128.17	20.299	13.260	2.108
%RSD	.0379077	.3813001	.8062413	.4339866	.0611770
#1	2382.204	33517.08	2541.218	3040.284	3445.429
#2	2383.309	33564.90	2506.452	3060.603	3446.950
#3	2383.994	33759.09	2505.678	3065.202	3442.785

Sample Name: Q3601-08 Acquired: 11/11/2025 17:42:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	.0055087	.0126411	-.006366	-.006050	.0286487	.2337157
Stddev	.005384	.0031149	.0018713	.003862	.002685	.0194083	.0061015
%RSD	1545.450	56.54471	14.80337	60.67056	44.37404	67.74582	2.610636

#1	.000610	.0056519	.0110012	-.010251	-.006992	.0452209	.2270060
#2	-.006147	.0023247	.0122426	-.002527	-.008136	.0072972	.2352096
#3	.004492	.0085495	.0146796	-.006320	-.003021	.0334281	.2389314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0010023	145.4444	.0014493	-.000011	.0087364	.0265903
Stddev	.000093	.0001225	.5243	.0007027	.000282	.0011691	.0234797
%RSD	1012.877	12.22171	.3604569	48.48403	2460.729	13.38137	88.30156

#1	-.000020	.0009102	145.0161	.0013327	-.000163	.0080890	.0333385
#2	-.000096	.0009553	145.2880	.0022030	.000314	.0080344	.0459570
#3	.000089	.0011413	146.0290	.0008123	-.000185	.0100860	.0004755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516070	2.835557	.0053633	-.002693	342.3845	-.004780	.2070956
Stddev	.0010458	.066650	.0003876	.000241	3.8446	.012586	.0010285
%RSD	2.026492	2.350515	7.226329	8.934786	1.122882	263.2830	.4966121

#1	.0525673	2.869233	.0053643	-.002968	342.6597	-.011636	.2076361
#2	.0504927	2.878650	.0057503	-.002522	338.4097	-.012450	.2059096
#3	.0517610	2.758788	.0049752	-.002589	346.0841	.009745	.2077411

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5963020	.0271913	.0019694	-.011503	-.005931	2.559792	.0198357
Stddev	.1057065	.0013514	.0006917	.000257	.001116	.037204	.0004552
%RSD	17.72700	4.970066	35.12269	2.236331	18.82127	1.453398	2.294803

#1	.7170908	.0273680	.0027623	-.011287	-.006899	2.550826	.0198040
#2	.5206950	.0284457	.0016560	-.011435	-.004710	2.527890	.0203060
#3	.5511204	.0257602	.0014899	-.011787	-.006186	2.600659	.0193973

Sample Name: Q3601-08 Acquired: 11/11/2025 17:42:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.145526	-.035662	.7167575
Stddev	.006091	.001156	.0021798
%RSD	.2838872	3.240358	.3041151
#1	2.152532	-.036521	.7151010
#2	2.141487	-.034348	.7159447
#3	2.142560	-.036117	.7192269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.866	32884.64	2529.391	3027.672	3349.471
Stddev	1.419	141.45	18.946	18.371	3.826
%RSD	.0601763	.4301467	.7490282	.6067855	.1142348
#1	2356.598	32981.06	2546.831	3030.128	3349.747
#2	2359.399	32950.61	2509.233	3044.693	3345.514
#3	2357.602	32722.25	2532.109	3008.197	3353.151

Sample Name: Q3601-12 Acquired: 11/11/2025 17:46:52 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002261	.0030043	.3971004	-.005432	.0001490	.0829333	.1684480
Stddev	.006399	.0087672	.0022428	.006265	.0034269	.0199688	.0104032
%RSD	283.0432	291.8165	.5647930	115.3329	2299.929	24.07808	6.175880

#1	.005093	.0051512	.3992012	.001774	-.003685	.0616275	.1768389
#2	-.005315	-.006637	.3947385	-.008479	.002915	.1012215	.1568081
#3	-.006560	.010499	.3973616	-.009592	.001217	.0859508	.1716972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000450	.0029430	61.65456	.0106446	.0190057	.0099798	.2305469
Stddev	.000071	.0002542	.29915	.0006242	.0004387	.0006508	.0134758
%RSD	15.88641	8.636492	.4852014	5.863603	2.307967	6.521467	5.845138

#1	-.000395	.0027696	61.99999	.0108836	.0185148	.0103843	.2169804
#2	-.000424	.0032348	61.48284	.0111139	.0191431	.0092290	.2439301
#3	-.000530	.0028247	61.48086	.0099363	.0193592	.0103260	.2307303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.752631	2.488187	.0267385	-.001353	305.4145	-.005219	.4400469
Stddev	.016289	.073085	.0001652	.000183	.2127	.007928	.0011191
%RSD	.4340803	2.937296	.6178325	13.54033	.0696454	151.9128	.2543080

#1	3.771434	2.498903	.0267697	-.001171	305.6240	-.000006	.4389809
#2	3.742807	2.410335	.0265599	-.001538	305.4208	-.014342	.4399475
#3	3.743652	2.555323	.0268858	-.001351	305.1988	-.001308	.4412124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144878	.0220327	.0008588	.1384518	-.004720	1.422734	.0068300
Stddev	.044401	.0005936	.0003076	.0022742	.001105	.037561	.0038223
%RSD	3.878225	2.694223	35.81416	1.642576	23.40875	2.640071	55.96330

#1	1.115106	.0215229	.0005443	.1370540	-.004570	1.451627	.0076633
#2	1.123616	.0226844	.0011589	.1372254	-.005893	1.436300	.0026598
#3	1.195911	.0218908	.0008732	.1410759	-.003698	1.380274	.0101669

Sample Name: Q3601-12 Acquired: 11/11/2025 17:46:52 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.569170	-.028924	.2256854
Stddev	.004592	.005281	.0004435
%RSD	.1286602	18.25820	.1965018
#1	3.574433	-.034482	.2260410
#2	3.567099	-.023972	.2251885
#3	3.565978	-.028317	.2258268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2410.820	34377.29	2569.173	3124.583	3500.912
Stddev	9.980	62.50	11.376	5.502	11.604
%RSD	.4139632	.1818181	.4427902	.1760885	.3314616
#1	2416.428	34326.22	2556.037	3119.268	3506.032
#2	2399.298	34358.66	2575.742	3130.255	3487.628
#3	2416.734	34446.99	2575.739	3124.226	3509.075

Sample Name: Q3601-16 Acquired: 11/11/2025 17:51:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000735	.0052298	.0987820	-.001764	-.001557	.0411116	.1611810
Stddev	.009459	.0034107	.0030205	.003570	.001194	.0176942	.0048830
%RSD	1286.323	65.21688	3.057769	202.3065	76.64614	43.03946	3.029496

#1	-.010010	.0081890	.0975633	.002323	-.000182	.0224690	.1623811
#2	.008898	.0014996	.0965611	-.004270	-.002329	.0431924	.1653520
#3	-.001094	.0060009	.1022214	-.003346	-.002161	.0576734	.1558098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	.0004123	156.5673	.0119996	.0026754	.0083975	.0545171
Stddev	.000121	.0001310	.3084	.0004875	.0003354	.0004233	.0483693
%RSD	91.29838	31.77450	.1969485	4.062261	12.53693	5.040158	88.72310

#1	-.000031	.0002955	156.4595	.0114488	.0025324	.0085039	-.000414
#2	-.000266	.0005539	156.9151	.0121746	.0024351	.0087574	.090730
#3	-.000100	.0003874	156.3274	.0123754	.0030586	.0079312	.073236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892149	2.299004	.0250199	-.002493	291.3773	-.006617	.0559615
Stddev	.0006928	.079951	.0008352	.001269	.7397	.005721	.0002436
%RSD	.7765895	3.477644	3.338003	50.89925	.2538668	86.46050	.4352138

#1	.0899812	2.391282	.0249738	-.002815	290.7236	-.011162	.0557281
#2	.0886329	2.250474	.0242088	-.001094	292.1803	-.008497	.0562141
#3	.0890304	2.255256	.0258772	-.003570	291.2281	-.000192	.0559423

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2108508	.0142129	.0022026	.0310145	-.006356	2.458356	.0398624
Stddev	.1828320	.0018470	.0002725	.0001596	.005850	.033713	.0024423
%RSD	86.71155	12.99553	12.37004	.5145382	92.03905	1.371362	6.126781

#1	.1491769	.0139209	.0023162	.0311573	.000295	2.436227	.0417750
#2	.0668312	.0125292	.0018917	.0310440	-.010705	2.497156	.0407008
#3	.4165442	.0161885	.0023999	.0308423	-.008659	2.441684	.0371113

Sample Name: Q3601-16 Acquired: 11/11/2025 17:51:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.816275	-.040069	.7913299
Stddev	.019750	.006689	.0010731
%RSD	.7012697	16.69409	.1356132
#1	2.821319	-.038618	.7924874
#2	2.833014	-.047365	.7903679
#3	2.794493	-.034225	.7911345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.137	33910.70	2553.897	3078.618	3450.800
Stddev	5.496	149.18	15.001	24.495	9.011
%RSD	.2291647	.4399313	.5873733	.7956464	.2611225
#1	2395.412	33906.61	2543.123	3091.713	3454.762
#2	2404.462	33763.61	2547.538	3050.359	3457.152
#3	2394.536	34061.89	2571.030	3093.781	3440.487

Sample Name: Q3601-20 Acquired: 11/11/2025 17:55:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006700	.0058851	.0203910	-.002974	-.005168	.0333031	.2762549
Stddev	.003926	.0065607	.0022175	.006177	.002273	.0474052	.0022970
%RSD	58.60305	111.4784	10.87497	207.6789	43.97243	142.3447	.8314633

#1	-.004115	.0134602	.0228441	-.007656	-.007649	.0750786	.2771610
#2	-.004766	.0020168	.0198002	.004027	-.003188	.0430479	.2736432
#3	-.011218	.0021784	.0185287	-.005295	-.004667	-.018217	.2779607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0020389	68.95675	.0010639	.0003075	.0192788	-.016503
Stddev	.000101	.0002008	.25606	.0008331	.0003722	.0000083	.006641
%RSD	480.1166	9.846794	.3713379	78.31072	121.0598	.0429729	40.24059

#1	.000082	.0022368	68.78134	.0001501	.0003255	.0192708	-.017085
#2	-.000119	.0018354	68.83831	.0017813	.0006704	.0192781	-.009590
#3	-.000026	.0020447	69.25059	.0012601	-.000073	.0192873	-.022833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417996	4.240851	.0044897	-.002039	336.0398	-.000776	.2352400
Stddev	.0007129	.030287	.0010461	.001119	2.6905	.009513	.0005606
%RSD	1.705575	.7141822	23.29948	54.88872	.8006574	1225.206	.2383304

#1	.0411037	4.258413	.0048226	-.001036	334.3136	-.004760	.2349030
#2	.0425284	4.258261	.0053288	-.003247	339.1399	.010081	.2358872
#3	.0417666	4.205878	.0033177	-.001836	334.6660	-.007650	.2349299

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.370914	.0152452	.0016655	.0001529	-.001465	1.323536	.1142909
Stddev	.138898	.0011082	.0001956	.0011222	.003208	.062949	.0020691
%RSD	37.44733	7.269057	11.74438	734.0879	218.9289	4.756148	1.810347

#1	-.500374	.0164279	.0014916	-.000334	-.001429	1.326208	.1154928
#2	-.224193	.0150771	.0016275	.001436	.001724	1.385107	.1119018
#3	-.388177	.0142307	.0018773	-.000644	-.004691	1.259294	.1154782

Sample Name: Q3601-20 Acquired: 11/11/2025 17:55:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6418334	-.028904	.3301700
Stddev	.0063017	.004243	.0004004
%RSD	.9818290	14.67918	.1212552

#1	.6345792	-.032935	.3305287
#2	.6449668	-.029300	.3297381
#3	.6459542	-.024477	.3302432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.578	34210.98	2577.407	3066.916	3504.281
Stddev	3.932	148.23	15.498	5.906	4.402
%RSD	.1622322	.4332758	.6013129	.1925683	.1256093

#1	2419.047	34326.78	2568.512	3065.074	3499.267
#2	2425.601	34043.92	2595.303	3062.151	3507.509
#3	2426.087	34262.22	2568.406	3073.523	3506.067

Sample Name: Q3601-20DUP Acquired: 11/11/2025 17:59:34 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016868	.0049242	.0222593	-.003411	-.000866	.0194426	.2783174
Stddev	.0038838	.0062057	.0004385	.002886	.003509	.0230662	.0026545
%RSD	230.2533	126.0241	1.970160	84.59099	405.1896	118.6373	.9537861
#1	-.002002	.0114785	.0226392	-.002294	-.000197	.0213875	.2766145
#2	.001323	-.000861	.0223594	-.001252	.002260	-.004534	.2769617
#3	.005740	.004155	.0217794	-.006689	-.004662	.041475	.2813761
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000150	.0017520	69.10464	.0007209	.0001028	.0193456	.0129502
Stddev	.000169	.0002584	.29474	.0010480	.0003872	.0003210	.0127825
%RSD	112.9687	14.75034	.4265133	145.3786	376.5641	1.659320	98.70507
#1	-.000091	.0018540	69.16276	.0017768	.0000796	.0197005	.0022586
#2	-.000018	.0019438	68.78517	.0007051	-.000272	.0190755	.0271085
#3	-.000341	.0014581	69.36599	-.000319	.000501	.0192609	.0094836
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430924	4.229294	.0041113	-.001327	353.9877	-.010627	.2362842
Stddev	.0008531	.048671	.0003510	.001020	3.5772	.002861	.0005522
%RSD	1.979631	1.150804	8.536459	76.84533	1.010538	26.92393	.2337123
#1	.0439305	4.259380	.0038138	-.001643	351.0429	-.011717	.2357728
#2	.0422251	4.255360	.0044984	-.002152	352.9516	-.007381	.2368697
#3	.0431216	4.173142	.0040217	-.000187	357.9685	-.012783	.2362103
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.307857	.0152305	.0018880	-.001472	-.008065	1.288158	.1147366
Stddev	.053693	.0026015	.0007495	.001029	.003986	.035203	.0044887
%RSD	17.44076	17.08073	39.69469	69.87418	49.42736	2.732804	3.912151
#1	-.268374	.0144507	.0011865	-.000349	-.005972	1.249944	.1138079
#2	-.286201	.0181327	.0026776	-.002367	-.012662	1.319265	.1196170
#3	-.368995	.0131081	.0018000	-.001700	-.005560	1.295265	.1107850

Sample Name: Q3601-20DUP Acquired: 11/11/2025 17:59:34 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6347819	-.028809	.3365357
Stddev	.0042850	.004725	.0011250
%RSD	.6750277	16.40268	.3342780
#1	.6302501	-.032644	.3361901
#2	.6387677	-.030253	.3356240
#3	.6353278	-.023530	.3377929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.832	33162.44	2510.640	3051.421	3394.407
Stddev	10.780	154.35	4.806	17.434	17.517
%RSD	.4571986	.4654374	.1914407	.5713437	.5160573
#1	2369.045	33278.77	2505.211	3071.072	3414.015
#2	2347.545	33221.20	2512.357	3045.382	3380.303
#3	2356.907	32987.33	2514.352	3037.809	3388.902

Sample Name: Q3601-20LX5 Acquired: 11/11/2025 18:03:48 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001170	.0074985	.0051862	.0011731	.0014252	.0035461	.0513541
Stddev	.003349	.0010762	.0020526	.0018798	.0027055	.0229367	.0024288
%RSD	286.2408	14.35188	39.57723	160.2428	189.8363	646.8170	4.729522
#1	-.001778	.0084108	.0028754	.0033296	.0041200	-.021666	.0487991
#2	-.004173	.0063116	.0067979	-.000119	.0014466	.009127	.0536331
#3	.002441	.0077730	.0058853	.000309	-.001291	.023178	.0516300
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	.0002905	13.74729	.0004645	.0000264	.0034893	-.005449
Stddev	.000129	.0000681	.10635	.0001747	.0003952	.0001983	.017630
%RSD	153.4546	23.43815	.7735920	37.61074	1498.305	5.684222	323.5684
#1	.000044	.0002889	13.86987	.0006525	-.000128	.0036938	-.023513
#2	-.000083	.0003594	13.67962	.0003072	.000475	.0034763	-.004544
#3	-.000213	.0002232	13.69239	.0004338	-.000268	.0032978	.011711
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086152	.8545888	.0010061	-.002218	64.48458	.0001270	.0471146
Stddev	.0010126	.0442000	.0003010	.000918	.29418	.0047338	.0007889
%RSD	11.75420	5.172074	29.91591	41.38708	.4562085	3727.021	1.674324
#1	.0096852	.8193736	.0007265	-.001229	64.47426	.0052057	.0462092
#2	.0076718	.8402034	.0013247	-.002383	64.19569	-.000662	.0474812
#3	.0084885	.9041894	.0009671	-.003043	64.78379	-.004163	.0476535
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.278329	.0013924	.0006875	-.000961	-.004500	.2366504	.0182203
Stddev	.185742	.0007054	.0004205	.000652	.003744	.0258814	.0006563
%RSD	66.73471	50.65926	61.16977	67.89138	83.20771	10.93654	3.602287
#1	-.428786	.0014267	.0010344	-.000236	-.003629	.2106732	.0184191
#2	-.335471	.0006705	.0008083	-.001501	-.008603	.2624348	.0187542
#3	-.070729	.0020800	.0002198	-.001144	-.001267	.2368431	.0174875

Sample Name: Q3601-20LX5 Acquired: 11/11/2025 18:03:48 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1167126	-.015754	.0669311
Stddev	.0050783	.003234	.0010963
%RSD	4.351118	20.52735	1.637973
#1	.1108556	-.018495	.0681957
#2	.1198878	-.012187	.0662491
#3	.1193944	-.016580	.0663485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.051	35109.17	2509.223	3143.847	3693.970
Stddev	2.149	163.69	12.960	18.073	3.198
%RSD	.0882973	.4662267	.5164802	.5748636	.0865791
#1	2433.399	35217.59	2494.338	3147.147	3691.268
#2	2436.450	35189.03	2517.993	3160.042	3693.142
#3	2432.303	34920.87	2515.339	3124.351	3697.501

Sample Name: Q3601-20MS Acquired: 11/11/2025 18:08:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7978311	1.782255	.9720951	1.900989	.7833833	1.979085	.4529454
Stddev	.0037566	.051457	.0032853	.009587	.0053739	.009430	.0067895
%RSD	.4708565	2.887159	.3379640	.5043237	.6859797	.4764998	1.498967

#1	.7945431	1.728175	.9714740	1.899744	.7818984	1.972627	.4539929
#2	.8019255	1.830610	.9691647	1.892085	.7789080	1.989907	.4456931
#3	.7970247	1.787980	.9756467	1.911137	.7893434	1.974721	.4591504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971816	.1996024	63.02191	.4187716	.2033193	.3170630	3.202724
Stddev	.0013256	.0002580	.09920	.0005744	.0010237	.0007282	.072696
%RSD	.6722808	.1292533	.1573983	.1371659	.5034865	.2296769	2.269812

#1	.1957016	.1995591	63.11138	.4181084	.2042541	.3178733	3.213763
#2	.1975832	.1993687	62.91524	.4190952	.2022254	.3164634	3.125140
#3	.1982600	.1998792	63.03912	.4191112	.2034785	.3168522	3.269269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2339361	5.763953	.5029268	.0696028	308.8743	.2988391	.4225789
Stddev	.0007099	.059177	.0010176	.0014617	3.7470	.0127978	.0033400
%RSD	.3034597	1.026676	.2023279	2.100077	1.213128	4.282495	.7903896

#1	.2346527	5.695654	.5033736	.0700772	312.1117	.2882661	.4262715
#2	.2339226	5.799937	.5036446	.0679628	304.7697	.2951846	.4216966
#3	.2332331	5.796269	.5017623	.0707683	309.7414	.3130666	.4197686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38414	.2920859	.4224468	.7080645	.1923471	2.133050	6.225235
Stddev	.12953	.0024617	.0003220	.0002917	.0071530	.017154	.017294
%RSD	1.247385	.8427981	.0762268	.0412013	3.718806	.8041792	.2778070

#1	10.52073	.2901861	.4227113	.7082044	.1996442	2.151582	6.206329
#2	10.26306	.2948670	.4225409	.7082598	.1853474	2.117729	6.240256
#3	10.36865	.2912047	.4220882	.7077291	.1920497	2.129838	6.229120

Sample Name: Q3601-20MS Acquired: 11/11/2025 18:08:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5567420	.1616432	.4900465
Stddev	.0028730	.0006789	.0026064
%RSD	.5160394	.4199725	.5318652

#1	.5534284	.1608680	.4907653
#2	.5582601	.1619294	.4871561
#3	.5585375	.1621320	.4922180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.355	33591.90	2533.874	3039.934	3436.215
Stddev	11.576	103.21	8.150	35.002	12.984
%RSD	.4897939	.3072505	.3216375	1.151397	.3778433

#1	2349.990	33487.53	2543.201	3002.943	3421.289
#2	2370.221	33693.91	2528.129	3072.532	3444.895
#3	2369.853	33594.28	2530.291	3044.326	3442.461

Sample Name: Q3601-20MSD Acquired: 11/11/2025 18:12:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7892308	1.771993	.9583078	1.884246	.7703536	1.934155	.4619078
Stddev	.0066391	.040533	.0009534	.002881	.0025918	.042608	.0008598
%RSD	.8412110	2.287451	.0994866	.1529076	.3364448	2.202911	.1861381

#1	.7944687	1.817267	.9573142	1.884842	.7686988	1.977515	.4615450
#2	.7914596	1.759631	.9583940	1.886783	.7733405	1.892341	.4628896
#3	.7817641	1.739079	.9592151	1.881114	.7690214	1.932608	.4612890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940431	.1970461	67.00805	.4125027	.1998701	.3118014	3.081482
Stddev	.0018098	.0002826	.04276	.0010570	.0008416	.0002930	.039881
%RSD	.9326823	.1434295	.0638108	.2562509	.4210509	.0939736	1.294226

#1	.1948408	.1967779	67.00263	.4116091	.1997374	.3117638	3.089102
#2	.1919715	.1973413	67.05326	.4122294	.1991028	.3121114	3.117004
#3	.1953171	.1970192	66.96826	.4136695	.2007701	.3115290	3.038341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2322061	6.011808	.4958731	.0685590	324.7585	.2840043	.4346695
Stddev	.0008697	.084776	.0015260	.0014731	1.6552	.0085379	.0005620
%RSD	.3745318	1.410154	.3077407	2.148709	.5096652	3.006271	.1292977

#1	.2313350	5.957927	.4941217	.0669840	325.5570	.2796864	.4342215
#2	.2322090	6.109527	.4965817	.0687902	325.8630	.2938388	.4353001
#3	.2330744	5.967971	.4969161	.0699030	322.8554	.2784878	.4344869

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828572	.2883533	.4163208	.7037635	.1877326	2.218815	6.123737
Stddev	.024897	.0021858	.0017365	.0042277	.0043505	.038129	.016504
%RSD	.2533151	.7580139	.4170930	.6007346	2.317406	1.718426	.2695134

#1	9.804179	.2877399	.4159462	.7016124	.1845422	2.248370	6.134130
#2	9.853945	.2865398	.4182140	.7010438	.1859673	2.232299	6.132374
#3	9.827591	.2907802	.4148023	.7086342	.1926883	2.175777	6.104706

Sample Name: Q3601-20MSD Acquired: 11/11/2025 18:12:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5971630	.1564048	.5024759
Stddev	.0021556	.0026102	.0024596
%RSD	.3609800	1.668881	.4894948

#1	.5996506	.1544339	.5052779
#2	.5958432	.1593651	.5006733
#3	.5959952	.1554154	.5014766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.239	33610.49	2531.335	3028.301	3427.751
Stddev	7.768	87.95	9.904	17.495	17.088
%RSD	.3280191	.2616811	.3912650	.5777004	.4985229

#1	2376.954	33668.07	2528.585	3039.321	3445.619
#2	2365.719	33509.25	2542.324	3008.129	3426.066
#3	2362.044	33654.16	2523.097	3037.453	3411.567

Sample Name: Q3601-20A Acquired: 11/11/2025 18:16:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7626971	1.726398	.9395937	1.852194	.7672302	1.930309	.4688025
Stddev	.0026883	.014627	.0046335	.010910	.0054466	.028439	.0037331
%RSD	.3524670	.8472739	.4931365	.5890074	.7099042	1.473263	.7962999

#1	.7598732	1.726370	.9386775	1.864301	.7679831	1.906974	.4690015
#2	.7652253	1.741040	.9354868	1.843126	.7722612	1.921967	.4724321
#3	.7629928	1.711786	.9446168	1.849155	.7614463	1.961985	.4649739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927209	.1927022	69.51872	.3978719	.1947621	.3059574	3.019726
Stddev	.0011444	.0003548	.40648	.0004151	.0004014	.0005643	.025530
%RSD	.5937976	.1841383	.5847069	.1043348	.2061056	.1844237	.8454419

#1	.1927084	.1925170	69.31977	.3975411	.1952062	.3058800	3.013177
#2	.1938714	.1924782	69.98635	.3983377	.1944250	.3065563	2.998108
#3	.1915828	.1931113	69.25003	.3977370	.1946551	.3054357	3.047892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2334975	6.143948	.4855202	.0671848	346.5881	.2911552	.4374117
Stddev	.0027096	.110912	.0012408	.0011782	1.8867	.0085212	.0014571
%RSD	1.160447	1.805229	.2555610	1.753594	.5443709	2.926689	.3331271

#1	.2346300	6.033997	.4842442	.0683940	344.4319	.2814843	.4390092
#2	.2354572	6.255797	.4855939	.0671202	347.3961	.2975614	.4370706
#3	.2304054	6.142051	.4867225	.0660404	347.9362	.2944197	.4361555

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.639851	.2889137	.4047615	.6988871	.1860474	2.258768	6.058768
Stddev	.049990	.0056818	.0003937	.0024904	.0023640	.024979	.033038
%RSD	.5185728	1.966594	.0972554	.3563302	1.270662	1.105885	.5452872

#1	9.675375	.2863430	.4046293	.6993795	.1865355	2.234985	6.053176
#2	9.661492	.2954265	.4044509	.6961873	.1881293	2.284792	6.028883
#3	9.582688	.2849716	.4052042	.7010945	.1834774	2.256526	6.094245

Sample Name: Q3601-20A Acquired: 11/11/2025 18:16:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6296511	.1614094	.5114914
Stddev	.0064099	.0047309	.0045667
%RSD	1.018014	2.930985	.8928310

#1	.6261973	.1566007	.5080999
#2	.6257088	.1615691	.5166841
#3	.6370473	.1660584	.5096903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.565	33134.68	2479.703	3001.517	3370.910
Stddev	10.532	151.81	17.747	25.264	7.878
%RSD	.4507417	.4581478	.7156778	.8417009	.2336920

#1	2325.972	33295.56	2493.105	3021.956	3361.874
#2	2336.689	33114.51	2459.577	3009.324	3376.333
#3	2347.034	32993.96	2486.427	2973.271	3374.524

Sample Name: CCV06 Acquired: 11/11/2025 18:20:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.121033	5.122706	4.990342	5.098373	5.119902	10.14054	10.11211
Stddev	.006557	.047480	.009487	.012098	.014063	.01854	.00416
%RSD	.1280478	.9268610	.1901018	.2372887	.2746710	.1828511	.0411748

#1	5.118561	5.170707	4.990910	5.093112	5.113079	10.16190	10.11595
#2	5.116071	5.075765	4.980585	5.112211	5.136075	10.12866	10.10768
#3	5.128467	5.121646	4.999533	5.089797	5.110552	10.13105	10.11269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2571102	2.522973	25.43865	1.045353	2.536019	1.292643	5.223860
Stddev	.0013018	.004042	.13573	.001774	.002193	.001368	.014544
%RSD	.5062986	.1602001	.5335457	.1697151	.0864909	.1058024	.2784082

#1	.2586108	2.521278	25.38894	1.047065	2.534475	1.292363	5.207502
#2	.2562848	2.520055	25.33480	1.045473	2.535052	1.291437	5.235329
#3	.2564350	2.527587	25.59223	1.043522	2.538530	1.294129	5.228748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.518137	25.37735	2.515129	1.297768	24.84872	2.550832	2.646154
Stddev	.003968	.11152	.005176	.001965	.27989	.015838	.009979
%RSD	.1575860	.4394293	.2058073	.1514255	1.126385	.6208943	.3771032

#1	2.516932	25.28372	2.515103	1.300001	24.53499	2.558233	2.657216
#2	2.522568	25.34760	2.509965	1.296303	24.93840	2.561615	2.643415
#3	2.514911	25.50072	2.520318	1.296999	25.07279	2.532648	2.637831

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17994	5.115452	5.186425	5.072768	5.024586	5.137106	5.109270
Stddev	.32899	.020350	.008201	.019045	.011831	.056001	.013618
%RSD	1.306565	.3978108	.1581175	.3754263	.2354673	1.090130	.2665420

#1	24.95469	5.138336	5.180655	5.082922	5.014535	5.085113	5.113601
#2	25.02764	5.108634	5.195812	5.050798	5.021598	5.129808	5.094013
#3	25.55748	5.099387	5.182808	5.084584	5.037625	5.196399	5.120196

Sample Name: CCV06 Acquired: 11/11/2025 18:20:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.006080	4.914323	5.043954
Stddev	.009749	.006357	.004077
%RSD	.1947507	.1293659	.0808369
#1	5.015352	4.911501	5.047174
#2	4.995914	4.921603	5.045320
#3	5.006972	4.909865	5.039370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.251	34501.06	2527.429	3062.652	3519.551
Stddev	4.445	160.10	19.502	15.974	.565
%RSD	.1869906	.4640449	.7715980	.5215815	.0160566
#1	2379.792	34347.07	2506.563	3048.934	3519.212
#2	2372.119	34489.46	2530.530	3058.832	3519.237
#3	2379.843	34666.64	2545.195	3080.190	3520.203

Sample Name: CCB06 Acquired: 11/11/2025 18:24:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002879	.0028105	-.000608	-.002588	.0004221	-.014843	.0036926
Stddev	.005371	.0059423	.001906	.003869	.0026064	.006293	.0039109
%RSD	186.5815	211.4306	313.2887	149.4892	617.4324	42.39749	105.9136

#1	-.006322	.0065548	.001303	-.003164	-.000899	-.022033	.0071462
#2	-.005624	.0059181	-.002510	-.006137	.003425	-.012161	-.000554
#3	.003310	-.004041	-.000618	.001537	-.001259	-.010335	.004486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	.0000834	.0545488	.0013928	-.000047	-.000640	-.017418
Stddev	.000026	.0001488	.0683246	.0007002	.000490	.000457	.036697
%RSD	30.78479	178.3782	125.2541	50.27343	1040.814	71.37252	210.6905

#1	-.000088	.0002139	.0400364	.0015688	-.000471	-.001127	-.053699
#2	-.000055	.0001152	-.005354	.0019882	.000489	-.000572	-.018237
#3	-.000106	-.000079	.128964	.0006214	-.000159	-.000221	.019682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006946	-.013376	.0008937	-.001384	.3132024	-.000776	.0009300
Stddev	.0010117	.026920	.0003402	.000226	.1303122	.011400	.0002519
%RSD	145.6540	201.2518	38.06123	16.30933	41.60638	1469.922	27.07998

#1	.0017248	-.020335	.0012541	-.001368	.1641651	-.011983	.0010896
#2	.0006563	.016340	.0005782	-.001618	.3697715	.010808	.0010608
#3	-.000297	-.036134	.0008488	-.001167	.4056706	-.001152	.0006397

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3497741	.0078508	.0015063	.0006245	.0015022	-.024063	-.003564
Stddev	.2362528	.0018984	.0003446	.0016078	.0015653	.030651	.001057
%RSD	67.54440	24.18084	22.87597	257.4450	104.1997	127.3794	29.65353

#1	.1312270	.0060837	.0018893	.0018074	.0000153	.006804	-.003022
#2	.3176500	.0098577	.0012212	-.001206	.0013558	-.054493	-.004781
#3	.6004452	.0076112	.0014085	.001272	.0031356	-.024498	-.002888

Sample Name: CCB06 Acquired: 11/11/2025 18:24:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

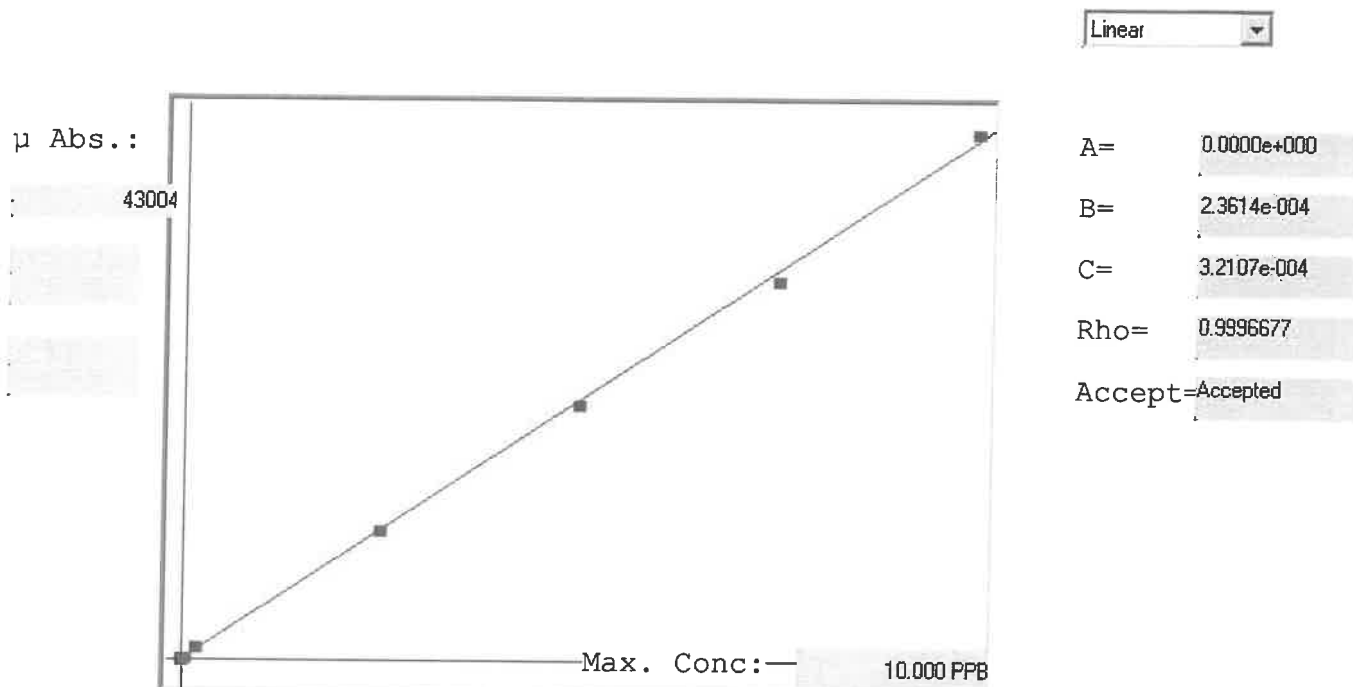
Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000996	-.006413	.0007134
Stddev	.006700	.006229	.0003071
%RSD	672.5167	97.13253	43.04282
#1	-.008150	-.013418	.0004710
#2	.005131	-.001495	.0010587
#3	.000031	-.004327	.0006105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.624	34009.12	2503.466	3063.344	3796.842
Stddev	2.957	164.25	16.170	17.996	2.953
%RSD	.1235045	.4829572	.6459211	.5874562	.0777725
#1	2391.415	33942.84	2502.751	3046.981	3799.863
#2	2395.218	33888.36	2519.982	3060.432	3796.701
#3	2397.239	34196.15	2487.664	3082.618	3793.963

LB138004

245.1

INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.019	0.019	80	0.000	80				
0.05	0.050	0.053	0.003	224	0.0 %	224				
0.2	0.200	0.250	0.050	1059	0.0 %	1059				
2.5	2.500	2.511	0.011	10632	0.0 %	10632				
5.0	5.000	4.945	-0.055	20938	0.0 %	20938				
7.5	7.500	7.316	-0.184	30980	0.0 %	30980				
10.0	10.000	10.155	0.155	43004	0.0 %	43004				

LB138004 INSTRUMENT ID : CV1

Method: 245.1

Operator: Admin

Date of Analysis: 21 Nov 2025 11:30:57

Type	Sample ID	Extended ID	Conc	μ Abs	Units	Type	Std Conc	Method	Date
S	0.0 - 1	50	-	80	PPB	Std	0.0000	245.1	21 Nov 2025 11:57:55
S	0.05 - 1	51.5	-	224	PPB	Std	0.0500	245.1	21 Nov 2025 12:00:23
S	0.2 - 1	52.2	-	1059	PPB	Std	0.2000	245.1	21 Nov 2025 12:02:40
S	2.5 - 1	52.5	-	10632	PPB	Std	2.5000	245.1	21 Nov 2025 12:04:57
S	5.0 - 1	55	-	20938	PPB	Std	5.0000	245.1	21 Nov 2025 12:07:14
S	7.5 - 1	57.5	-	30980	PPB	Std	7.5000	245.1	21 Nov 2025 12:09:30
S	10.0 - 1	110	-	43004	PPB	Std	10.0000	245.1	21 Nov 2025 12:24:50
U	ICV124 - 1	ICV124	3.9416	16690	PPB	SMPL	-245.1		21 Nov 2025 12:29:55
U	ICB124 - 1	ICB124	-0.0124	-54	PPB	SMPL	-245.1		21 Nov 2025 12:32:29
U	CCV22 - 1	CCV22	5.0302	21300	PPB	SMPL	-245.1		21 Nov 2025 12:34:44
U	CCB22 - 1	CCB22	-0.0167	-72	PPB	SMPL	-245.1		21 Nov 2025 12:36:59
U	CRA - 1	CRA	0.0457	192	PPB	SMPL	-245.1		21 Nov 2025 12:39:14
U	HighStd - 1	HighStd	10.3942	44015	PPB	SMPL	-245.1		21 Nov 2025 12:41:29
U	ChkStd - 1	ChkStd	7.1014	30071	PPB	SMPL	-245.1		21 Nov 2025 12:43:44
U	PB170687BL - 1	PBW	-0.0512	-218	PPB	SMPL	-245.1		21 Nov 2025 12:46:01
U	PB170687BS - 1	LCSW	4.4058	18656	PPB	SMPL	-245.1		21 Nov 2025 12:48:18
U	Q3603-01 - 1	SHORT-HILLS-DW	-0.0231	-99	PPB	SMPL	-245.1		21 Nov 2025 12:50:35
U	Q3603-01DUP - 1	SHORT-HILLS-DWDUP	0.0010	3	PPB	SMPL	-245.1		21 Nov 2025 12:52:51
U	Q3603-01MS - 1	SHORT-HILLS-DWMS	3.6322	15380	PPB	SMPL	-245.1		21 Nov 2025 12:55:08
U	Q3603-01MSD - 1	SHORT-HILLS-DWMSD	4.2084	17820	PPB	SMPL	-245.1		21 Nov 2025 12:57:25
U	Q3700-04 - 1	EFF-WW	-0.0198	-85	PPB	SMPL	-245.1		21 Nov 2025 12:59:40
U	CCV23 - 1	CCV23	4.9674	21034	PPB	SMPL	-245.1		21 Nov 2025 13:01:56
U	CCB23 - 1	CCB23	-0.0202	-87	PPB	SMPL	-245.1		21 Nov 2025 13:04:11
U	Q3603-01LX5 - 1		-0.0013	-7	PPB	SMPL	-245.1		21 Nov 2025 13:06:27
U	Q3603-01A - 1		4.0814	17282	PPB	SMPL	-245.1		21 Nov 2025 13:08:42
U	CCV24 - 1	CCV24	5.0760	21494	PPB	SMPL	-245.1		21 Nov 2025 13:13:57
U	CCB24 - 1	CCB24	-0.0327	-140	PPB	SMPL	-245.1		21 Nov 2025 13:16:12

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/12/2025 Time : 10:45 Temp : 96 °C

End Digest Date: 11/12/2025 Time : 13:50 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLH*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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	M6187
1:1 HCL	5.00	MP87148
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 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25 14:50	<i>SLH met dig</i>	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170508BL	PBW508	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	27
PB170508BS	LCS508	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	28
Q3603-01MS	SHORT-HILLS-DWMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	31
Q3603-01MSD	SHORT-HILLS-DWMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	32
Q3603-01DUP	SHORT-HILLS-DWDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	30
Q3603-01	SHORT-HILLS-DW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	29

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB170508

Worklist ID : 193070

Department : Digestion

Date : 11-12-2025 10:15:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3603-01	SHORT-HILLS-DW	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	HOMIE01	D11	11/10/2025	200.7

Date/Time 11/12/25 10:30

Raw Sample Received by: SKMctdig

Raw Sample Relinquished by: CVCSm1

Date/Time 11/12/25 11:30

Raw Sample Received by: CVCSm1

Raw Sample Relinquished by: SKMctdig

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/12/25 16:21		Jaswal	OK
2	S1	S1	CAL2	11/12/25 16:26		Jaswal	OK
3	S2	S2	CAL3	11/12/25 16:30		Jaswal	OK
4	S3	S3	CAL4	11/12/25 16:34		Jaswal	OK
5	S4	S4	CAL5	11/12/25 16:38		Jaswal	OK
6	S5	S5	CAL6	11/12/25 16:42		Jaswal	OK
7	ICV01	ICV01	ICV	11/12/25 16:56		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/12/25 17:25		Jaswal	OK
9	ICB01	ICB01	ICB	11/12/25 17:35		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/12/25 17:44		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/12/25 17:48		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/12/25 17:52		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/12/25 17:57		Jaswal	OK
14	CCV01	CCV01	CCV	11/12/25 18:01		Jaswal	OK
15	CCB01	CCB01	CCB	11/12/25 18:13		Jaswal	OK
16	PB170507BL	PB170507BL	MB	11/12/25 18:17		Jaswal	OK
17	PB170507BS	PB170507BS	LCS	11/12/25 18:22		Jaswal	OK
18	Q3574-02	304641-01 Liquid	SAM	11/12/25 18:26		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	PB170490TB	PB170490TB	MB	11/12/25 18:34		Jaswal	OK
20	PB170493TB	PB170493TB	MB	11/12/25 18:38		Jaswal	OK
21	Q3604-01	S-1	SAM	11/12/25 18:43		Jaswal	OK
22	Q3604-02	S-2	SAM	11/12/25 18:47		Jaswal	OK
23	Q3604-02DUP	S-2DUP	DUP	11/12/25 18:51		Jaswal	OK
24	Q3604-02L	S-2L	SD	11/12/25 18:55		Jaswal	OK
25	Q3604-02MS	S-2MS	MS	11/12/25 19:00		Jaswal	OK
26	CCV02	CCV02	CCV	11/12/25 19:04		Jaswal	OK
27	CCB02	CCB02	CCB	11/12/25 19:24		Jaswal	OK
28	Q3604-02MSD	S-2MSD	MSD	11/12/25 19:28		Jaswal	OK
29	Q3604-02A	S-2A	PS	11/12/25 19:32	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
30	PB170508BL	PB170508BL	MB	11/12/25 19:47		Jaswal	OK
31	PB170508BS	PB170508BS	LCS	11/12/25 19:51		Jaswal	OK
32	Q3603-01	SHORT-HILLS-DW	SAM	11/12/25 20:00		Jaswal	OK
33	Q3603-01DUP	SHORT-HILLS-DWDU	DUP	11/12/25 20:04		Jaswal	OK
34	Q3603-01L	SHORT-HILLS-DWL	SD	11/12/25 20:08		Jaswal	OK
35	Q3603-01MS	SHORT-HILLS-DWMS	MS	11/12/25 20:12		Jaswal	OK
36	Q3603-01MSD	SHORT-HILLS-DWMS	MSD	11/12/25 20:16		Jaswal	OK
37	Q3603-01A	SHORT-HILLS-DWA	PS	11/12/25 20:20	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

38	CCV03	CCV03	CCV	11/12/25 20:29		Jaswal	OK
39	CCB03	CCB03	CCB	11/12/25 20:37		Jaswal	OK
40	LR-1	LR-1	HIGH STD	11/12/25 20:52		Jaswal	OK
41	PB170509BL	PB170509BL	MB	11/12/25 20:58		Jaswal	OK
42	PB170509BS	PB170509BS	LCS	11/12/25 21:03		Jaswal	OK
43	Q3607-01	Basement Kitchen sink	SAM	11/12/25 21:07		Jaswal	OK
44	Q3607-02	1st Fl adult bathroom	SAM	11/12/25 21:11		Jaswal	OK
45	Q3607-03	1st Fl drinking fountain	SAM	11/12/25 21:15		Jaswal	OK
46	Q3607-04	1st Fl kids bathroom left	SAM	11/12/25 21:29		Jaswal	OK
47	Q3607-05	1st Fl kids bathroom left	SAM	11/12/25 21:34		Jaswal	OK
48	Q3607-06	1st Fl kids right 1st drain	SAM	11/12/25 21:38		Jaswal	OK
49	Q3607-07	main hall right sink 1st	SAM	11/12/25 21:42		Jaswal	OK
50	CCV04	CCV04	CCV	11/12/25 21:46		Jaswal	OK
51	CCB04	CCB04	CCB	11/12/25 22:03		Jaswal	OK
52	CRI01	CRI01	CRDL	11/12/25 22:07		Jaswal	OK
53	CCV05	CCV05	CCV	11/12/25 22:16		Jaswal	OK
54	CCB05	CCB05	CCB	11/12/25 22:20		Jaswal	OK
55	Q3607-08	main hall right sink 2nd	SAM	11/12/25 22:24		Jaswal	OK
56	Q3607-09	main hall left sink 1st	SAM	11/12/25 22:28		Jaswal	OK
57	Q3607-09DUP	main hall left sink 1st	DUP	11/12/25 22:32		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

58	Q3607-09L	main hall left sink 1st	SD	11/12/25 22:36		Jaswal	OK
59	Q3607-09MS	main hall left sink 1st	MS	11/12/25 22:41		Jaswal	OK
60	Q3607-09MSD	main hall left sink 1st	MSD	11/12/25 22:45		Jaswal	OK
61	Q3607-09A	main hall left sink 1st	PS	11/12/25 22:49	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
62	CCV06	CCV06	CCV	11/12/25 22:53		Jaswal	OK
63	CCB06	CCB06	CCB	11/12/25 22:57		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138004

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP88047,MP88048,MP88049,MP88050,MP88051,MP88052,MP88053
ICV Standard	MP88054
CCV Standard	MP88057
ICSA Standard	
CRI Standard	MP88059
LCS Standard	
Chk Standard	MP88055,MP88058,MP88060,MP88062

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/21/25 11:57		mohan	OK
2	S0.05	S0.05	CAL2	11/21/25 12:00		mohan	OK
3	S0.2	S0.2	CAL3	11/21/25 12:02		mohan	OK
4	S2.5	S2.5	CAL4	11/21/25 12:04		mohan	OK
5	S5	S5	CAL5	11/21/25 12:07		mohan	OK
6	S7.5	S7.5	CAL6	11/21/25 12:09		mohan	OK
7	S10	S10	CAL7	11/21/25 12:24		mohan	OK
8	ICV124	ICV124	ICV	11/21/25 12:29		mohan	OK
9	ICB124	ICB124	ICB	11/21/25 12:32		mohan	OK
10	CCV22	CCV22	CCV	11/21/25 12:34		mohan	OK
11	CCB22	CCB22	CCB	11/21/25 12:36		mohan	OK
12	CRA	CRA	CRDL	11/21/25 12:39		mohan	OK
13	HighStd	HighStd	HIGH STD	11/21/25 12:41		mohan	OK
14	ChkStd	ChkStd	SAM	11/21/25 12:43		mohan	OK
15	PB170687BL	PB170687BL	MB	11/21/25 12:46		mohan	OK
16	PB170687BS	PB170687BS	LCS	11/21/25 12:48		mohan	OK
17	Q3603-01	SHORT-HILLS-DW	SAM	11/21/25 12:50		mohan	OK
18	Q3603-01DUP	SHORT-HILLS-DWDU	DUP	11/21/25 12:52		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138004

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP88047,MP88048,MP88049,MP88050,MP88051,MP88052,MP88053
ICV Standard	MP88054
CCV Standard	MP88057
ICSA Standard	
CRI Standard	MP88059
LCS Standard	
Chk Standard	MP88055,MP88058,MP88060,MP88062

19	Q3603-01MS	SHORT-HILLS-DWMS	MS	11/21/25 12:55		mohan	OK
20	Q3603-01MSD	SHORT-HILLS-DWMS	MSD	11/21/25 12:57		mohan	OK
21	Q3700-04	EFF-WW	SAM	11/21/25 12:59		mohan	OK
22	CCV23	CCV23	CCV	11/21/25 13:01		mohan	OK
23	CCB23	CCB23	CCB	11/21/25 13:04		mohan	OK
24	Q3603-01L	SHORT-HILLS-DWL	SD	11/21/25 13:06		mohan	OK
25	Q3603-01A	SHORT-HILLS-DWA	PS	11/21/25 13:08		mohan	OK
26	CCV24	CCV24	CCV	11/21/25 13:13		mohan	OK
27	CCB24	CCB24	CCB	11/21/25 13:16		mohan	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY:

PROJECT NAME: Short Hills

BILL TO: Ebrahim Nabatian PO#:

ADDRESS: Bruce Path

PROJECT NO.: LOCATION:

ADDRESS: 18 Shadow Ridge Run

CITY: Short Hills STATE: NJ ZIP: 07078

PROJECT MANAGER:

CITY: Wayne STATE: NJ ZIP: 07470

ATTENTION: Abe. Nabatian

e-mail: abe.nabatian@yahoo.com

ATTENTION:

PHONE:

PHONE: 973 954 8877 FAX:

PHONE:

FAX:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ 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 _____

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID PROJECT SAMPLE IDENTIFICATION

SAMPLE MATRIX SAMPLE TYPE DATE TIME # OF BOTTLES

1 2 3 4 5 6 7 8 9

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

1. Short Hills - DW

7B

W

11-10-25

1310

11

V

V

V

V

V

V

V

V

V

V

2.

3.

4.

5.

6.

7.

8.

9.

10.

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

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

1330

11-10-25

Comments:

Conditions of bottles or coolers at receipt: ☐ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP _____ °C

3.0

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

1

11-10-25

Comments:

Conditions of bottles or coolers at receipt: ☐ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP _____ °C

3.0

RELINQUISHED BY SAMPLER:

DATE/TIME: 1555

RECEIVED BY:

3.

Comments:

Conditions of bottles or coolers at receipt: ☐ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP _____ °C

3.0

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3603 HOME01

Order Date : 11/10/2025 3:49:00 PM

Project Mgr :

Client Name : Homeowner

Project Name : Short Hills - Drinking Water

Report Type : Level 1

Client Contact : Abe Nabatian

Receive DateTime : 11/10/2025 3:55:00 PM

EDD Type : Excel NJ

Invoice Name : Homeowner

Purchase Order :

Hard Copy Date :

Invoice Contact : Abe Nabatian

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3603-01	SHORT-HILLS-DW	Water	11/10/2025	13:10	VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q3603-02	TB	Water	11/10/2025	00:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By :

Date / Time : 11-10-25 16:14

Received By :

Date / Time : 11-10-25 16:15

Storage Area : VOA Refridgerator Room

*Stored in VOA
Set # 04*