

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:	Q3552	OrderDate:	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	MW-4	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-02	MW-8	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/11/25	
Q3552-03	MW-9	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-04	MW-10	Water	Mercury	7470A	11/05/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/10/25	
Q3552-05	MW-3	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	

Hit Summary Sheet
SW-846

SDG No.: Q3552

Order ID: Q3552

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	Water	Aluminum	37.4	J	5.67	50.0	ug/L
Q3552-01	MW-4	Water	Barium	1070		7.28	50.0	ug/L
Q3552-01	MW-4	Water	Beryllium	0.52	J	0.28	3.00	ug/L
Q3552-01	MW-4	Water	Calcium	104000		117	1000	ug/L
Q3552-01	MW-4	Water	Chromium	7.60		1.06	5.00	ug/L
Q3552-01	MW-4	Water	Cobalt	23.8		1.13	15.0	ug/L
Q3552-01	MW-4	Water	Iron	31400		11.7	50.0	ug/L
Q3552-01	MW-4	Water	Lead	3.77	J	1.15	6.00	ug/L
Q3552-01	MW-4	Water	Magnesium	69600		122	1000	ug/L
Q3552-01	MW-4	Water	Manganese	234		2.97	10.0	ug/L
Q3552-01	MW-4	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-01	MW-4	Water	Potassium	201000		459	1000	ug/L
Q3552-01	MW-4	Water	Sodium	578000		434	1000	ug/L
Q3552-01	MW-4	Water	Vanadium	9.16	J	3.13	20.0	ug/L
Q3552-01	MW-4	Water	Zinc	9.81	J	8.33	20.0	ug/L
Client ID : MW-8								
Q3552-02	MW-8	Water	Aluminum	25.1	J	5.67	50.0	ug/L
Q3552-02	MW-8	Water	Arsenic	7.00	J	2.56	10.0	ug/L
Q3552-02	MW-8	Water	Barium	390		7.28	50.0	ug/L
Q3552-02	MW-8	Water	Beryllium	3.46		0.28	3.00	ug/L
Q3552-02	MW-8	Water	Calcium	842000		117	1000	ug/L
Q3552-02	MW-8	Water	Cobalt	5.46	J	1.13	15.0	ug/L
Q3552-02	MW-8	Water	Iron	397000		11.7	50.0	ug/L
Q3552-02	MW-8	Water	Lead	22.6		1.15	6.00	ug/L
Q3552-02	MW-8	Water	Magnesium	317000		122	1000	ug/L
Q3552-02	MW-8	Water	Manganese	26100	D	29.7	100	ug/L
Q3552-02	MW-8	Water	Mercury	0.16	J	0.076	0.20	ug/L
Q3552-02	MW-8	Water	Nickel	10.7	J	1.53	20.0	ug/L
Q3552-02	MW-8	Water	Potassium	86200		459	1000	ug/L
Q3552-02	MW-8	Water	Silver	23.3		0.81	5.00	ug/L
Q3552-02	MW-8	Water	Sodium	3340000	D	4340	10000	ug/L
Client ID : MW-9								
Q3552-03	MW-9	Water	Aluminum	4880		5.67	50.0	ug/L
Q3552-03	MW-9	Water	Arsenic	8.72	J	2.56	10.0	ug/L
Q3552-03	MW-9	Water	Barium	364		7.28	50.0	ug/L
Q3552-03	MW-9	Water	Beryllium	1.12	J	0.28	3.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3552

Order ID: Q3552

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-03	MW-9	Water	Cadmium	20.5		0.25	3.00	ug/L
Q3552-03	MW-9	Water	Calcium	91000		117	1000	ug/L
Q3552-03	MW-9	Water	Chromium	16.9		1.06	5.00	ug/L
Q3552-03	MW-9	Water	Cobalt	9.71	J	1.13	15.0	ug/L
Q3552-03	MW-9	Water	Copper	998		2.30	10.0	ug/L
Q3552-03	MW-9	Water	Iron	39800		11.7	50.0	ug/L
Q3552-03	MW-9	Water	Lead	317		1.15	6.00	ug/L
Q3552-03	MW-9	Water	Magnesium	44200		122	1000	ug/L
Q3552-03	MW-9	Water	Manganese	249		2.97	10.0	ug/L
Q3552-03	MW-9	Water	Mercury	0.30		0.076	0.20	ug/L
Q3552-03	MW-9	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-03	MW-9	Water	Potassium	95300		459	1000	ug/L
Q3552-03	MW-9	Water	Silver	1.67	J	0.81	5.00	ug/L
Q3552-03	MW-9	Water	Sodium	205000		434	1000	ug/L
Q3552-03	MW-9	Water	Vanadium	26.1		3.13	20.0	ug/L
Q3552-03	MW-9	Water	Zinc	593		8.33	20.0	ug/L
Client ID : MW-10								
Q3552-04	MW-10	Water	Aluminum	20.5	J	5.67	50.0	ug/L
Q3552-04	MW-10	Water	Arsenic	5.08	J	2.56	10.0	ug/L
Q3552-04	MW-10	Water	Barium	32.8	J	7.28	50.0	ug/L
Q3552-04	MW-10	Water	Beryllium	0.69	J	0.28	3.00	ug/L
Q3552-04	MW-10	Water	Calcium	358000		117	1000	ug/L
Q3552-04	MW-10	Water	Iron	52900		11.7	50.0	ug/L
Q3552-04	MW-10	Water	Lead	5.42	J	1.15	6.00	ug/L
Q3552-04	MW-10	Water	Magnesium	528000		122	1000	ug/L
Q3552-04	MW-10	Water	Manganese	1120		2.97	10.0	ug/L
Q3552-04	MW-10	Water	Nickel	3.43	J	1.53	20.0	ug/L
Q3552-04	MW-10	Water	Potassium	116000		459	1000	ug/L
Q3552-04	MW-10	Water	Silver	2.29	J	0.81	5.00	ug/L
Q3552-04	MW-10	Water	Sodium	4410000	D	4340	10000	ug/L
Client ID : MW-3								
Q3552-05	MW-3	Water	Aluminum	19400		5.67	50.0	ug/L
Q3552-05	MW-3	Water	Arsenic	26.5		2.56	10.0	ug/L
Q3552-05	MW-3	Water	Barium	308		7.28	50.0	ug/L
Q3552-05	MW-3	Water	Beryllium	2.87	J	0.28	3.00	ug/L
Q3552-05	MW-3	Water	Cadmium	0.46	J	0.25	3.00	ug/L
Q3552-05	MW-3	Water	Calcium	128000		117	1000	ug/L
Q3552-05	MW-3	Water	Chromium	41.2		1.06	5.00	ug/L
Q3552-05	MW-3	Water	Cobalt	21.4		1.13	15.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3552

Order ID: Q3552

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-05	MW-3	Water	Copper	58.3		2.30	10.0	ug/L
Q3552-05	MW-3	Water	Iron	85300		11.7	50.0	ug/L
Q3552-05	MW-3	Water	Lead	101		1.15	6.00	ug/L
Q3552-05	MW-3	Water	Magnesium	49000		122	1000	ug/L
Q3552-05	MW-3	Water	Manganese	682		2.97	10.0	ug/L
Q3552-05	MW-3	Water	Mercury	0.081	J	0.076	0.20	ug/L
Q3552-05	MW-3	Water	Nickel	71.2		1.53	20.0	ug/L
Q3552-05	MW-3	Water	Potassium	72700		459	1000	ug/L
Q3552-05	MW-3	Water	Silver	3.66	J	0.81	5.00	ug/L
Q3552-05	MW-3	Water	Sodium	217000		434	1000	ug/L
Q3552-05	MW-3	Water	Vanadium	61.9		3.13	20.0	ug/L
Q3552-05	MW-3	Water	Zinc	511		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-4
Lab Sample ID: Q3552-01
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	37.4	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-39-3	Barium	1070		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-41-7	Beryllium	0.52	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-70-2	Calcium	104000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-47-3	Chromium	7.60		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-48-4	Cobalt	23.8		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-89-6	Iron	31400		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-92-1	Lead	3.77	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-95-4	Magnesium	69600		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-96-5	Manganese	234		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:32	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-09-7	Potassium	201000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-23-5	Sodium	578000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-62-2	Vanadium	9.16	J	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-66-6	Zinc	9.81	J	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-8
Lab Sample ID: Q3552-02
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	25.1	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-38-2	Arsenic	7.00	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-39-3	Barium	390		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-41-7	Beryllium	3.46		1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-70-2	Calcium	842000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-48-4	Cobalt	5.46	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-89-6	Iron	397000		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-92-1	Lead	22.6		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-95-4	Magnesium	317000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-96-5	Manganese	26100	D	10	29.7	100	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7439-97-6	Mercury	0.16	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:48	7470A	M7470A
7440-02-0	Nickel	10.7	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-09-7	Potassium	86200		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-22-4	Silver	23.3		1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-23-5	Sodium	3340000	D	10	4340	10000	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-9
Lab Sample ID: Q3552-03
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4880		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-38-2	Arsenic	8.72	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-39-3	Barium	364		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-41-7	Beryllium	1.12	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-43-9	Cadmium	20.5		1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-70-2	Calcium	91000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-47-3	Chromium	16.9		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-48-4	Cobalt	9.71	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-50-8	Copper	998		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-89-6	Iron	39800		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-92-1	Lead	317		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-95-4	Magnesium	44200		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-96-5	Manganese	249		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-97-6	Mercury	0.30		1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:50	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-09-7	Potassium	95300		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-22-4	Silver	1.67	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-23-5	Sodium	205000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-62-2	Vanadium	26.1		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-66-6	Zinc	593		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-10
Lab Sample ID: Q3552-04
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3552
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	20.5	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-38-2	Arsenic	5.08	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-39-3	Barium	32.8	J	1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-41-7	Beryllium	0.69	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-70-2	Calcium	358000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-89-6	Iron	52900		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-92-1	Lead	5.42	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-95-4	Magnesium	528000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-96-5	Manganese	1120		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:53	7470A	M7470A
7440-02-0	Nickel	3.43	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-09-7	Potassium	116000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-22-4	Silver	2.29	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-23-5	Sodium	4410000	D	10	4340	10000	ug/L	11/06/25 10:55	11/10/25 14:42	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-3
Lab Sample ID: Q3552-05
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19400		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-38-2	Arsenic	26.5		1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-39-3	Barium	308		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-41-7	Beryllium	2.87	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-43-9	Cadmium	0.46	J	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-70-2	Calcium	128000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-47-3	Chromium	41.2		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-48-4	Cobalt	21.4		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-50-8	Copper	58.3		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-89-6	Iron	85300		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-92-1	Lead	101		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-95-4	Magnesium	49000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-96-5	Manganese	682		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-97-6	Mercury	0.081	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:55	7470A	M7470A
7440-02-0	Nickel	71.2		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-09-7	Potassium	72700		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-22-4	Silver	3.66	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-23-5	Sodium	217000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-62-2	Vanadium	61.9		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-66-6	Zinc	511		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A

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

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METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
ICV101	Mercury	3.70	4.0	92	90 - 110	CV	11/06/2025	13:37	LB137799

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV34	Mercury	4.95	5.0	99	90 - 110	CV	11/06/2025	13:41	LB137799
CCV35	Mercury	4.93	5.0	99	90 - 110	CV	11/06/2025	14:09	LB137799
CCV36	Mercury	4.74	5.0	95	90 - 110	CV	11/06/2025	14:36	LB137799
CCV37	Mercury	4.76	5.0	95	90 - 110	CV	11/06/2025	14:57	LB137799
CCV38	Mercury	4.86	5.0	97	90 - 110	CV	11/06/2025	15:13	LB137799

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	7920	8000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Antimony	4050	4000	101	90 - 110	P	11/07/2025	13:19	LB137834
	Arsenic	3910	4000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Barium	7960	8000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Beryllium	206	200	103	90 - 110	P	11/07/2025	13:19	LB137834
	Cadmium	1910	2000	96	90 - 110	P	11/07/2025	13:19	LB137834
	Calcium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Chromium	803	800	100	90 - 110	P	11/07/2025	13:19	LB137834
	Cobalt	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Copper	1020	1000	102	90 - 110	P	11/07/2025	13:19	LB137834
	Iron	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Lead	4160	4000	104	90 - 110	P	11/07/2025	13:19	LB137834
	Magnesium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Manganese	2000	2000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Nickel	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Potassium	19500	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Selenium	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Silver	1000	1000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Sodium	19900	20000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Thallium	4000	4000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Vanadium	1980	2000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Zinc	1990	2000	100	90 - 110	P	11/07/2025	13:19	LB137834

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	117	100	117	80 - 120	P	11/07/2025	13:36	LB137834
	Antimony	53.3	50.0	107	80 - 120	P	11/07/2025	13:36	LB137834
	Arsenic	19.3	20.0	96	80 - 120	P	11/07/2025	13:36	LB137834
	Barium	103	100	103	80 - 120	P	11/07/2025	13:36	LB137834
	Beryllium	6.69	6.0	112	80 - 120	P	11/07/2025	13:36	LB137834
	Cadmium	5.88	6.0	98	80 - 120	P	11/07/2025	13:36	LB137834
	Calcium	2120	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Chromium	9.89	10.0	99	80 - 120	P	11/07/2025	13:36	LB137834
	Cobalt	30.5	30.0	102	80 - 120	P	11/07/2025	13:36	LB137834
	Copper	22.7	20.0	113	80 - 120	P	11/07/2025	13:36	LB137834
	Iron	95.6	100	96	80 - 120	P	11/07/2025	13:36	LB137834
	Lead	12.5	12.0	104	80 - 120	P	11/07/2025	13:36	LB137834
	Magnesium	2130	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Manganese	23.3	20.0	117	80 - 120	P	11/07/2025	13:36	LB137834
	Nickel	42.1	40.0	105	80 - 120	P	11/07/2025	13:36	LB137834
	Potassium	1970	2000	98	80 - 120	P	11/07/2025	13:36	LB137834
	Selenium	23.2	20.0	116	80 - 120	P	11/07/2025	13:36	LB137834
	Silver	8.99	10.0	90	80 - 120	P	11/07/2025	13:36	LB137834
	Sodium	2050	2000	102	80 - 120	P	11/07/2025	13:36	LB137834
	Thallium	47.2	40.0	118	80 - 120	P	11/07/2025	13:36	LB137834
	Vanadium	46.0	40.0	115	80 - 120	P	11/07/2025	13:36	LB137834
	Zinc	42.8	40.0	107	80 - 120	P	11/07/2025	13:36	LB137834

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Antimony	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Arsenic	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Barium	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Beryllium	256	250	102	90 - 110	P	11/07/2025	14:12	LB137834
	Cadmium	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Calcium	25400	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Chromium	990	1000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Cobalt	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Copper	1260	1250	101	90 - 110	P	11/07/2025	14:12	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Lead	4980	5000	100	90 - 110	P	11/07/2025	14:12	LB137834
	Magnesium	25200	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Manganese	2580	2500	103	90 - 110	P	11/07/2025	14:12	LB137834
	Nickel	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Potassium	24300	25000	97	90 - 110	P	11/07/2025	14:12	LB137834
	Selenium	5080	5000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Silver	1240	1250	99	90 - 110	P	11/07/2025	14:12	LB137834
	Sodium	24800	25000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Thallium	4820	5000	96	90 - 110	P	11/07/2025	14:12	LB137834
	Vanadium	2540	2500	102	90 - 110	P	11/07/2025	14:12	LB137834
	Zinc	2480	2500	99	90 - 110	P	11/07/2025	14:12	LB137834
CCV02	Aluminum	10100	10000	101	90 - 110	P	11/07/2025	15:04	LB137834
	Antimony	4980	5000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Arsenic	4920	5000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Barium	10000	10000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Beryllium	251	250	101	90 - 110	P	11/07/2025	15:04	LB137834
	Cadmium	2440	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Calcium	25100	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Chromium	982	1000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Cobalt	2460	2500	99	90 - 110	P	11/07/2025	15:04	LB137834
	Copper	1260	1250	100	90 - 110	P	11/07/2025	15:04	LB137834
	Iron	4840	5000	97	90 - 110	P	11/07/2025	15:04	LB137834
	Lead	4890	5000	98	90 - 110	P	11/07/2025	15:04	LB137834

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	24900	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Manganese	2540	2500	102	90 - 110	P	11/07/2025	15:04	LB137834
	Nickel	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Potassium	23600	25000	94	90 - 110	P	11/07/2025	15:04	LB137834
	Selenium	4940	5000	99	90 - 110	P	11/07/2025	15:04	LB137834
	Silver	1220	1250	97	90 - 110	P	11/07/2025	15:04	LB137834
	Sodium	23900	25000	96	90 - 110	P	11/07/2025	15:04	LB137834
	Thallium	5500	5000	110	90 - 110	P	11/07/2025	15:04	LB137834
	Vanadium	2510	2500	100	90 - 110	P	11/07/2025	15:04	LB137834
	Zinc	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
CCV03	Aluminum	9770	10000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Antimony	4910	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Arsenic	4900	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Barium	9720	10000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Beryllium	243	250	97	90 - 110	P	11/07/2025	16:03	LB137834
	Cadmium	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834
	Calcium	24600	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Chromium	975	1000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Cobalt	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Copper	1230	1250	99	90 - 110	P	11/07/2025	16:03	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Lead	4870	5000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Magnesium	24400	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Manganese	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Nickel	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Potassium	26400	25000	106	90 - 110	P	11/07/2025	16:03	LB137834
	Selenium	4930	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Silver	1200	1250	96	90 - 110	P	11/07/2025	16:03	LB137834
	Sodium	22600	25000	90	90 - 110	P	11/07/2025	16:03	LB137834
	Thallium	5070	5000	101	90 - 110	P	11/07/2025	16:03	LB137834
	Vanadium	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Zinc	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	7910	8000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Antimony	4070	4000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Arsenic	3880	4000	97	90 - 110	P	11/11/2025	12:33	LB137858
	Barium	7860	8000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Beryllium	207	200	103	90 - 110	P	11/11/2025	12:33	LB137858
	Cadmium	1900	2000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Calcium	19600	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Chromium	814	800	102	90 - 110	P	11/11/2025	12:33	LB137858
	Cobalt	1960	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Copper	1020	1000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Iron	3930	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Lead	3750	4000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Magnesium	19700	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Manganese	1970	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Nickel	1950	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Potassium	18600	20000	93	90 - 110	P	11/11/2025	12:33	LB137858
	Selenium	3910	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Silver	949	1000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Sodium	18800	20000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Thallium	3810	4000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Vanadium	1980	2000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Zinc	2020	2000	101	90 - 110	P	11/11/2025	12:33	LB137858

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	81.0	100	81	80 - 120	P	11/11/2025	13:01	LB137858
	Antimony	53.7	50.0	107	80 - 120	P	11/11/2025	13:01	LB137858
	Arsenic	22.8	20.0	114	80 - 120	P	11/11/2025	13:01	LB137858
	Barium	108	100	108	80 - 120	P	11/11/2025	13:01	LB137858
	Beryllium	6.80	6.0	113	80 - 120	P	11/11/2025	13:01	LB137858
	Cadmium	6.03	6.0	100	80 - 120	P	11/11/2025	13:01	LB137858
	Calcium	2150	2000	108	80 - 120	P	11/11/2025	13:01	LB137858
	Chromium	10.9	10.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Cobalt	31.1	30.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Copper	23.1	20.0	116	80 - 120	P	11/11/2025	13:01	LB137858
	Iron	106	100	106	80 - 120	P	11/11/2025	13:01	LB137858
	Lead	12.3	12.0	102	80 - 120	P	11/11/2025	13:01	LB137858
	Magnesium	2260	2000	113	80 - 120	P	11/11/2025	13:01	LB137858
	Manganese	20.9	20.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Nickel	41.5	40.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Potassium	1650	2000	82	80 - 120	P	11/11/2025	13:01	LB137858
	Selenium	18.5	20.0	93	80 - 120	P	11/11/2025	13:01	LB137858
	Silver	9.54	10.0	95	80 - 120	P	11/11/2025	13:01	LB137858
	Sodium	1710	2000	86	80 - 120	P	11/11/2025	13:01	LB137858
	Thallium	43.7	40.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Vanadium	34.3	40.0	86	80 - 120	P	11/11/2025	13:01	LB137858
	Zinc	44.1	40.0	110	80 - 120	P	11/11/2025	13:01	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	10000	10000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Antimony	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Arsenic	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Barium	9900	10000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Cadmium	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Calcium	24900	25000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Chromium	1020	1000	102	90 - 110	P	11/11/2025	13:47	LB137858
	Cobalt	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Copper	1270	1250	102	90 - 110	P	11/11/2025	13:47	LB137858
	Iron	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Lead	4950	5000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Magnesium	24700	25000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Manganese	2470	2500	99	90 - 110	P	11/11/2025	13:47	LB137858
	Nickel	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Potassium	24300	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Selenium	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Sodium	24200	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Thallium	4910	5000	98	90 - 110	P	11/11/2025	13:47	LB137858
	Vanadium	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Zinc	2550	2500	102	90 - 110	P	11/11/2025	13:47	LB137858
CCV02	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Arsenic	4980	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Barium	9880	10000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Beryllium	254	250	102	90 - 110	P	11/11/2025	14:40	LB137858
	Cadmium	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Calcium	25100	25000	101	90 - 110	P	11/11/2025	14:40	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Copper	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Iron	4960	5000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Lead	4920	5000	98	90 - 110	P	11/11/2025	14:40	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	24800	25000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Manganese	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Nickel	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Potassium	23700	25000	95	90 - 110	P	11/11/2025	14:40	LB137858
	Selenium	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Silver	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Sodium	24100	25000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Thallium	4810	5000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Vanadium	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Zinc	2510	2500	100	90 - 110	P	11/11/2025	14:40	LB137858
CCV03	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Arsenic	4970	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	15:29	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Cadmium	2450	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Calcium	25000	25000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	15:29	LB137858
	Copper	1260	1250	100	90 - 110	P	11/11/2025	15:29	LB137858
	Iron	5160	5000	103	90 - 110	P	11/11/2025	15:29	LB137858
	Lead	4880	5000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Magnesium	24600	25000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
	Nickel	2460	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Potassium	24100	25000	96	90 - 110	P	11/11/2025	15:29	LB137858
	Selenium	4960	5000	99	90 - 110	P	11/11/2025	15:29	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Sodium	24300	25000	97	90 - 110	P	11/11/2025	15:29	LB137858
	Thallium	4740	5000	95	90 - 110	P	11/11/2025	15:29	LB137858
	Vanadium	2490	2500	100	90 - 110	P	11/11/2025	15:29	LB137858
	Zinc	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
CCV04	Aluminum	10300	10000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Antimony	5140	5000	103	90 - 110	P	11/11/2025	16:39	LB137858

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	5130	5000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Barium	10400	10000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Beryllium	261	250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Cadmium	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Chromium	1030	1000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Cobalt	2520	2500	101	90 - 110	P	11/11/2025	16:39	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	16:39	LB137858
	Iron	5240	5000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Lead	4980	5000	100	90 - 110	P	11/11/2025	16:39	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Manganese	2580	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Nickel	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Potassium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Selenium	5110	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Silver	1310	1250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Sodium	26200	25000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Thallium	5090	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Vanadium	2560	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Zinc	2640	2500	106	90 - 110	P	11/11/2025	16:39	LB137858
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Antimony	5160	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Arsenic	5170	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Barium	10300	10000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Beryllium	260	250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cadmium	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Chromium	1040	1000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cobalt	2550	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Copper	1290	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Lead	5040	5000	101	90 - 110	P	11/11/2025	17:30	LB137858
	Magnesium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Manganese	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Potassium	25100	25000	100	90 - 110	P	11/11/2025	17:30	LB137858
	Selenium	5150	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Sodium	25500	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Thallium	5170	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Vanadium	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Zinc	2630	2500	105	90 - 110	P	11/11/2025	17:30	LB137858
CCV06	Aluminum	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Antimony	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Arsenic	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Beryllium	257	250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Cadmium	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Calcium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Chromium	1050	1000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Cobalt	2540	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Lead	4990	5000	100	90 - 110	P	11/11/2025	18:20	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Nickel	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Potassium	25200	25000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Selenium	5100	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	18:20	LB137858
	Sodium	24800	25000	99	90 - 110	P	11/11/2025	18:20	LB137858
	Thallium	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Vanadium	2550	2500	102	90 - 110	P	11/11/2025	18:20	LB137858
	Zinc	2650	2500	106	90 - 110	P	11/11/2025	18:20	LB137858

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/06/2025	13:46	LB137799
CRI01	Aluminum	79.6	100	80	65 - 135	P	11/07/2025	13:46	LB137834
	Antimony	52.8	50.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Arsenic	20.6	20.0	103	65 - 135	P	11/07/2025	13:46	LB137834
	Barium	94.7	100	95	65 - 135	P	11/07/2025	13:46	LB137834
	Beryllium	6.33	6.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Cadmium	5.68	6.0	95	65 - 135	P	11/07/2025	13:46	LB137834
	Calcium	2060	2000	103	65 - 135	P	11/07/2025	13:46	LB137834
	Chromium	9.85	10.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Cobalt	29.4	30.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Copper	21.1	20.0	105	65 - 135	P	11/07/2025	13:46	LB137834
	Iron	104	100	104	65 - 135	P	11/07/2025	13:46	LB137834
	Lead	13.1	12.0	109	65 - 135	P	11/07/2025	13:46	LB137834
	Magnesium	2180	2000	109	65 - 135	P	11/07/2025	13:46	LB137834
	Manganese	21.7	20.0	108	65 - 135	P	11/07/2025	13:46	LB137834
	Nickel	40.3	40.0	101	65 - 135	P	11/07/2025	13:46	LB137834
	Potassium	1900	2000	95	65 - 135	P	11/07/2025	13:46	LB137834
	Selenium	15.8	20.0	79	65 - 135	P	11/07/2025	13:46	LB137834
	Silver	9.28	10.0	93	65 - 135	P	11/07/2025	13:46	LB137834
	Sodium	1960	2000	98	65 - 135	P	11/07/2025	13:46	LB137834
	Thallium	46.8	40.0	117	65 - 135	P	11/07/2025	13:46	LB137834
	Vanadium	42.8	40.0	107	65 - 135	P	11/07/2025	13:46	LB137834
	Zinc	41.1	40.0	103	65 - 135	P	11/07/2025	13:46	LB137834
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRI01	Aluminum	110	100	110	65 - 135	P	11/11/2025	13:19	LB137858
	Antimony	50.9	50.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Arsenic	20.5	20.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Barium	102	100	102	65 - 135	P	11/11/2025	13:19	LB137858
	Beryllium	6.76	6.0	113	65 - 135	P	11/11/2025	13:19	LB137858
	Cadmium	6.04	6.0	101	65 - 135	P	11/11/2025	13:19	LB137858
	Calcium	2140	2000	107	65 - 135	P	11/11/2025	13:19	LB137858
	Chromium	11.1	10.0	111	65 - 135	P	11/11/2025	13:19	LB137858
	Cobalt	30.4	30.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Copper	21.9	20.0	109	65 - 135	P	11/11/2025	13:19	LB137858
	Iron	86.7	100	87	65 - 135	P	11/11/2025	13:19	LB137858
	Lead	11.5	12.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Magnesium	2190	2000	110	65 - 135	P	11/11/2025	13:19	LB137858
	Manganese	22.0	20.0	110	65 - 135	P	11/11/2025	13:19	LB137858
	Nickel	40.9	40.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Potassium	1650	2000	83	65 - 135	P	11/11/2025	13:19	LB137858
	Selenium	19.0	20.0	95	65 - 135	P	11/11/2025	13:19	LB137858
	Silver	10.2	10.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Sodium	1680	2000	84	65 - 135	P	11/11/2025	13:19	LB137858
	Thallium	41.6	40.0	104	65 - 135	P	11/11/2025	13:19	LB137858
	Vanadium	38.3	40.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Zinc	44.5	40.0	111	65 - 135	P	11/11/2025	13:19	LB137858



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB101	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:39	LB137799

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:43	LB137799
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:11	LB137799
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:38	LB137799
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:59	LB137799
CCB38	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	15:15	LB137799

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	13:42	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	13:42	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	13:42	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Vanadium	8.59	+/-20	J	40.0	P	11/07/2025	13:42	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	13:42	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	26.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	14:17	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	14:17	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	14:17	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Iron	39.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	14:17	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Thallium	9.19	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Vanadium	12.3	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
CCB02	Aluminum	11.3	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	15:14	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	15:14	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	15:14	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	15:14	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	15:14	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/07/2025	15:14	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Thallium	10.2	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Vanadium	9.57	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
CCB03	Aluminum	11.3	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	16:07	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	16:07	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	16:07	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Vanadium	6.26	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	16:07	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:05	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:05	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:05	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:05	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:51	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:51	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:51	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Thallium	5.20	+/-20	J	40.0	P	11/11/2025	13:51	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
CCB02	Aluminum	11.3	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	14:44	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	14:44	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	14:44	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	14:44	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	14:44	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	14:44	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Thallium	6.05	+/-20	J	40.0	P	11/11/2025	14:44	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
CCB03	Aluminum	24.0	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	15:33	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	15:33	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	15:33	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Iron	32.8	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Lead	2.44	+/-6	J	12.0	P	11/11/2025	15:33	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
CCB04	Aluminum	38.0	+/-50	J	100	P	11/11/2025	16:43	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	16:43	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	16:43	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	16:43	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	16:43	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Thallium	5.31	+/-20	J	40.0	P	11/11/2025	16:43	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
CCB05	Aluminum	12.0	+/-50	J	100	P	11/11/2025	17:34	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	17:34	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	17:34	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	17:34	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
CCB06	Aluminum	11.3	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	18:24	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	18:24	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	18:24	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	18:24	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	18:24	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	18:24	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	18:24	LB137858

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170409BL		WATER		Batch Number:	PB170409		Prep Date:	11/06/2025	
	Mercury	0.076	<0.2	U	0.20	CV	11/06/2025	14:25	LB137799

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170411BL	WATER			Batch Number:	PB170411		Prep Date:	11/06/2025	
	Aluminum	5.67	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Antimony	3.38	<12.5	U	25.0	P	11/07/2025	14:52	LB137834
	Arsenic	2.56	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Barium	7.28	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Beryllium	0.28	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Cadmium	0.25	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Calcium	117	<500	U	1000	P	11/07/2025	14:52	LB137834
	Chromium	1.06	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
	Cobalt	1.13	<7.5	U	15.0	P	11/07/2025	14:52	LB137834
	Copper	2.30	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Iron	11.7	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Lead	1.15	<3	U	6.00	P	11/07/2025	14:52	LB137834
	Magnesium	122	<500	U	1000	P	11/07/2025	14:52	LB137834
	Manganese	2.97	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Nickel	1.53	<10	U	20.0	P	11/07/2025	14:52	LB137834
	Potassium	459	<500	U	1000	P	11/07/2025	14:52	LB137834
	Selenium	4.82	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Silver	0.81	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
	Sodium	434	<500	U	1000	P	11/07/2025	14:52	LB137834
	Thallium	6.65	<10	J	20.0	P	11/07/2025	14:52	LB137834
	Vanadium	3.13	<10	U	20.0	P	11/07/2025	14:52	LB137834
	Zinc	8.33	<10	U	20.0	P	11/07/2025	14:52	LB137834

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	272000	255000	107	216000	294000	11/07/2025	13:51	LB137834
	Antimony	-7.06			-50	50	11/07/2025	13:51	LB137834
	Arsenic	10.6			-20	20	11/07/2025	13:51	LB137834
	Barium	3.92	6.0	65	-94	106	11/07/2025	13:51	LB137834
	Beryllium	2.34			-6	6	11/07/2025	13:51	LB137834
	Cadmium	-1.59	1.0	159	-5	7	11/07/2025	13:51	LB137834
	Calcium	259000	245000	106	208000	282000	11/07/2025	13:51	LB137834
	Chromium	53.0	52.0	102	42	62	11/07/2025	13:51	LB137834
	Cobalt	1.92			-30	30	11/07/2025	13:51	LB137834
	Copper	6.42	2.0	321	-18	22	11/07/2025	13:51	LB137834
	Iron	106000	101000	105	85600	116500	11/07/2025	13:51	LB137834
	Lead	0.42			-12	12	11/07/2025	13:51	LB137834
	Magnesium	269000	255000	106	216000	294000	11/07/2025	13:51	LB137834
	Manganese	7.23	7.0	103	-13	27	11/07/2025	13:51	LB137834
	Nickel	5.96	2.0	298	-38	42	11/07/2025	13:51	LB137834
	Potassium	448			0	0	11/07/2025	13:51	LB137834
	Selenium	-9.77			-20	20	11/07/2025	13:51	LB137834
	Silver	3.11			-10	10	11/07/2025	13:51	LB137834
	Sodium	340			0	0	11/07/2025	13:51	LB137834
	Thallium	16.7			-40	40	11/07/2025	13:51	LB137834
	Vanadium	12.3			-40	40	11/07/2025	13:51	LB137834
	Zinc	2.47			-40	40	11/07/2025	13:51	LB137834
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/07/2025	13:55	LB137834
	Antimony	613	618	99	525	711	11/07/2025	13:55	LB137834
	Arsenic	105	104	101	88.4	120	11/07/2025	13:55	LB137834
	Barium	495	537	92	437	637	11/07/2025	13:55	LB137834
	Beryllium	516	495	104	420	570	11/07/2025	13:55	LB137834
	Cadmium	1010	972	104	826	1120	11/07/2025	13:55	LB137834
	Calcium	240000	235000	102	199000	271000	11/07/2025	13:55	LB137834
	Chromium	576	542	106	460	624	11/07/2025	13:55	LB137834
	Cobalt	505	476	106	404	548	11/07/2025	13:55	LB137834
	Copper	498	511	98	434	588	11/07/2025	13:55	LB137834
	Iron	102000	99300	103	84400	114500	11/07/2025	13:55	LB137834
	Lead	48.9	49.0	100	37	61	11/07/2025	13:55	LB137834
	Magnesium	250000	248000	101	210000	286000	11/07/2025	13:55	LB137834
	Manganese	506	507	100	430	584	11/07/2025	13:55	LB137834
	Nickel	1010	954	106	810	1100	11/07/2025	13:55	LB137834
	Potassium	-184			0	0	11/07/2025	13:55	LB137834
	Selenium	40.4	46.0	88	26	66	11/07/2025	13:55	LB137834
	Silver	205	201	102	170	232	11/07/2025	13:55	LB137834
	Sodium	-311			0	0	11/07/2025	13:55	LB137834
	Thallium	118	108	109	68	148	11/07/2025	13:55	LB137834

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	502	491	102	417	565	11/07/2025	13:55	LB137834
	Zinc	1040	952	109	809	1095	11/07/2025	13:55	LB137834
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841
	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841
ICSA01	Aluminum	252000	255000	99	216000	294000	11/11/2025	13:23	LB137858
	Antimony	1.57			-50	50	11/11/2025	13:23	LB137858
	Arsenic	10.4			-20	20	11/11/2025	13:23	LB137858
	Barium	13.9	6.0	232	-94	106	11/11/2025	13:23	LB137858
	Beryllium	1.48			-6	6	11/11/2025	13:23	LB137858
	Cadmium	-0.14	1.0	14	-5	7	11/11/2025	13:23	LB137858
	Calcium	243000	245000	99	208000	282000	11/11/2025	13:23	LB137858
	Chromium	53.7	52.0	103	42	62	11/11/2025	13:23	LB137858
	Cobalt	1.31			-30	30	11/11/2025	13:23	LB137858
	Copper	8.20	2.0	410	-18	22	11/11/2025	13:23	LB137858
	Iron	107000	101000	106	85600	116500	11/11/2025	13:23	LB137858
	Lead	-5.28			-12	12	11/11/2025	13:23	LB137858
	Magnesium	254000	255000	100	216000	294000	11/11/2025	13:23	LB137858
	Manganese	9.63	7.0	138	-13	27	11/11/2025	13:23	LB137858
	Nickel	6.69	2.0	334	-38	42	11/11/2025	13:23	LB137858
	Potassium	-84.2			0	0	11/11/2025	13:23	LB137858
	Selenium	-0.86			-20	20	11/11/2025	13:23	LB137858
	Silver	3.20			-10	10	11/11/2025	13:23	LB137858
	Sodium	-277			0	0	11/11/2025	13:23	LB137858
	Thallium	9.52			-40	40	11/11/2025	13:23	LB137858
	Vanadium	-7.20			-40	40	11/11/2025	13:23	LB137858
	Zinc	2.55			-40	40	11/11/2025	13:23	LB137858
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/11/2025	13:27	LB137858
	Antimony	632	618	102	525	711	11/11/2025	13:27	LB137858
	Arsenic	111	104	107	88.4	120	11/11/2025	13:27	LB137858
	Barium	503	537	94	437	637	11/11/2025	13:27	LB137858
	Beryllium	525	495	106	420	570	11/11/2025	13:27	LB137858
	Cadmium	1030	972	106	826	1120	11/11/2025	13:27	LB137858
	Calcium	241000	235000	103	199000	271000	11/11/2025	13:27	LB137858
	Chromium	605	542	112	460	624	11/11/2025	13:27	LB137858
	Cobalt	520	476	109	404	548	11/11/2025	13:27	LB137858
	Copper	508	511	99	434	588	11/11/2025	13:27	LB137858
	Iron	107000	99300	108	84400	114500	11/11/2025	13:27	LB137858
	Lead	47.7	49.0	97	37	61	11/11/2025	13:27	LB137858
	Magnesium	253000	248000	102	210000	286000	11/11/2025	13:27	LB137858
	Manganese	505	507	100	430	584	11/11/2025	13:27	LB137858
	Nickel	1040	954	109	810	1100	11/11/2025	13:27	LB137858
	Potassium	-406			0	0	11/11/2025	13:27	LB137858

Metals

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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	56.6	46.0	123	26	66	11/11/2025	13:27	LB137858
	Silver	214	201	106	170	232	11/11/2025	13:27	LB137858
	Sodium	-463			0	0	11/11/2025	13:27	LB137858
	Thallium	103	108	95	68	148	11/11/2025	13:27	LB137858
	Vanadium	496	491	101	417	565	11/11/2025	13:27	LB137858
	Zinc	1080	952	113	809	1095	11/11/2025	13:27	LB137858



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3552
contract: REMI02 **lab code:** ACE
matrix: Water **sample id:** Q3552-01 **client id:** MW-4MS
Percent Solids for Sample: NA **Spiked ID:** Q3552-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.48		0.20	U	4.0	87		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Remington & Vernick Engineers</u>	level:	<u>low</u>	sdg no.:	<u>Q3552</u>
contract:	<u>REMI02</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3552-01</u>	client id:	<u>MW-4MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3552-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.52		0.20	U	4.0	88		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-04</u>	client id: <u>MW-10MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-04MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1060		20.5	J	1000	104		P
Antimony	ug/L	75 - 125	451		25.0	U	400	113		P
Arsenic	ug/L	75 - 125	444		5.08	J	400	110		P
Barium	ug/L	75 - 125	138		32.8	J	100	105		P
Beryllium	ug/L	75 - 125	99.3		0.69	J	100	99		P
Cadmium	ug/L	75 - 125	101		3.00	U	100	101		P
Calcium	ug/L	75 - 125	380000		358000		500	4346		P
Chromium	ug/L	75 - 125	191		5.00	U	200	96		P
Cobalt	ug/L	75 - 125	107		15.0	U	100	107		P
Copper	ug/L	75 - 125	134		10.0	U	150	89		P
Iron	ug/L	75 - 125	55200		52900		1500	151		P
Lead	ug/L	75 - 125	499		5.42	J	500	99		P
Magnesium	ug/L	75 - 125	560000		528000		1000	3216		P
Manganese	ug/L	75 - 125	1310		1120		100	186		P
Nickel	ug/L	75 - 125	267		3.43	J	250	105		P
Potassium	ug/L	75 - 125	133000		116000		5000	337		P
Selenium	ug/L	75 - 125	1030		10.0	U	1000	103		P
Silver	ug/L	75 - 125	46.8		2.29	J	37.5	119		P
Sodium	ug/L	75 - 125	4770000	D	4410000	D	1500	24237		P
Thallium	ug/L	75 - 125	911		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	115		20.0	U	100	115		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-04</u>	client id: <u>MW-10MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-04MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		20.5	J	1000	100		P
Antimony	ug/L	75 - 125	413		25.0	U	400	103		P
Arsenic	ug/L	75 - 125	421		5.08	J	400	104		P
Barium	ug/L	75 - 125	130		32.8	J	100	97		P
Beryllium	ug/L	75 - 125	96.0		0.69	J	100	95		P
Cadmium	ug/L	75 - 125	97.3		3.00	U	100	97		P
Calcium	ug/L	75 - 125	353000		358000		500	-1024		P
Chromium	ug/L	75 - 125	190		5.00	U	200	95		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	130		10.0	U	150	87		P
Iron	ug/L	75 - 125	50500		52900		1500	-159		P
Lead	ug/L	75 - 125	478		5.42	J	500	95		P
Magnesium	ug/L	75 - 125	520000		528000		1000	-765		P
Manganese	ug/L	75 - 125	1230		1120		100	104		P
Nickel	ug/L	75 - 125	258		3.43	J	250	102		P
Potassium	ug/L	75 - 125	124000		116000		5000	169		P
Selenium	ug/L	75 - 125	984		10.0	U	1000	98		P
Silver	ug/L	75 - 125	44.5		2.29	J	37.5	113		P
Sodium	ug/L	75 - 125	4340000	D	4410000	D	1500	-4429		P
Thallium	ug/L	75 - 125	889		20.0	U	1000	89		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	108		20.0	U	100	108		P

Metals
- 5b -

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3552</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3552-01</u>	Client ID:	<u>MW-4DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3552-01DUP	Percent Solids for Spike Sample:	NA

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3552</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3552-01MS</u>	Client ID:	<u>MW-4MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3552-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.48		3.52		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3552-04 **Client ID:** MW-10DUP
Percent Solids for Sample: NA **Duplicate ID** Q3552-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	20.5	J	44.9	J	75		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	5.08	J	4.94	J	3		P
Barium	ug/L	20	32.8	J	33.6	J	2		P
Beryllium	ug/L	20	0.69	J	0.78	J	12		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	358000		356000		1		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	52900		50900		4		P
Lead	ug/L	20	5.42	J	4.98	J	8		P
Magnesium	ug/L	20	528000		528000		0		P
Manganese	ug/L	20	1120		1110		1		P
Nickel	ug/L	20	3.43	J	3.27	J	5		P
Potassium	ug/L	20	116000		116000		0		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	2.29	J	2.36	J	3		P
Sodium	ug/L	20	4410000	D	4260000	D	3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	4.65	J	200.0		P
Zinc	ug/L	20	20.0	U	20.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3552-04MS **Client ID:** MW-10MSD
Percent Solids for Sample: NA **Duplicate ID** Q3552-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1060		1020		4		P
Antimony	ug/L	20	451		413		9		P
Arsenic	ug/L	20	444		421		5		P
Barium	ug/L	20	138		130		6		P
Beryllium	ug/L	20	99.3		96.0		3		P
Cadmium	ug/L	20	101		97.3		4		P
Calcium	ug/L	20	380000		353000		7		P
Chromium	ug/L	20	191		190		1		P
Cobalt	ug/L	20	107		103		4		P
Copper	ug/L	20	134		130		3		P
Iron	ug/L	20	55200		50500		9		P
Lead	ug/L	20	499		478		4		P
Magnesium	ug/L	20	560000		520000		7		P
Manganese	ug/L	20	1310		1230		6		P
Nickel	ug/L	20	267		258		3		P
Potassium	ug/L	20	133000		124000		7		P
Selenium	ug/L	20	1030		984		5		P
Silver	ug/L	20	46.8		44.5		5		P
Sodium	ug/L	20	4770000	D	4340000	D	9		P
Thallium	ug/L	20	911		889		2		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	115		108		6		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170409BS Mercury	ug/L	4.0	3.74		94	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170411BS							
Aluminum	ug/L	1000	1080		108	80 - 120	P
Antimony	ug/L	400	430		108	80 - 120	P
Arsenic	ug/L	400	413		103	80 - 120	P
Barium	ug/L	100	104		104	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	100		100	80 - 120	P
Calcium	ug/L	500	537	J	107	80 - 120	P
Chromium	ug/L	200	213		106	80 - 120	P
Cobalt	ug/L	100	103		103	80 - 120	P
Copper	ug/L	150	164		109	80 - 120	P
Iron	ug/L	1500	1620		108	80 - 120	P
Lead	ug/L	500	496		99	80 - 120	P
Magnesium	ug/L	1000	1070		107	80 - 120	P
Manganese	ug/L	100	107		107	80 - 120	P
Nickel	ug/L	250	259		104	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	39.0		104	80 - 120	P
Sodium	ug/L	1500	1530		102	80 - 120	P
Thallium	ug/L	1000	1180		118	80 - 120	P
Vanadium	ug/L	150	160		107	80 - 120	P
Zinc	ug/L	100	108		108	80 - 120	P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-4L

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

Lb No.: lb137799

Lab Sample ID : Q3552-01L

SDG No.: Q3552

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

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

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-10L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137834 **Lab Sample ID :** Q3552-04L **SDG No.:** Q3552
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	20.5	J	250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	5.08	J	50.0	U	100.0		P
Barium	32.8	J	250	U	100.0		P
Beryllium	0.69	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Calcium	358000		379000		6		P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	52900		46500		12		P
Lead	5.42	J	30.0	U	100.0		P
Magnesium	528000		554000		5		P
Manganese	1120		1180		5		P
Nickel	3.43	J	100	U	100.0		P
Potassium	116000		104000		11		P
Selenium	10.0	U	50.0	U			P
Silver	2.29	J	25.0	U	100.0		P
Sodium	3460000	OR	3440000		0		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	16.0	J	100.0		P
Zinc	20.0	U	100	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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 INTERELEMEN CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
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 INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: PB170409							
PB170409BL	PB170409BL	MB	WATER	11/06/2025	30.0	30.0	
PB170409BS	PB170409BS	LCS	WATER	11/06/2025	30.0	30.0	
Q3552-01	MW-4	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-01DUP	MW-4DUP	DUP	WATER	11/06/2025	30.0	30.0	
Q3552-01MS	MW-4MS	MS	WATER	11/06/2025	30.0	30.0	
Q3552-01MSD	MW-4MSD	MSD	WATER	11/06/2025	30.0	30.0	
Q3552-02	MW-8	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-04	MW-10	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-05	MW-3	SAM	WATER	11/06/2025	30.0	30.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: PB170411							
PB170411BL	PB170411BL	MB	WATER	11/06/2025	50.0	25.0	
PB170411BS	PB170411BS	LCS	WATER	11/06/2025	50.0	25.0	
Q3552-01	MW-4	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-02	MW-8	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04	MW-10	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04DUP	MW-10DUP	DUP	WATER	11/06/2025	50.0	25.0	
Q3552-04MS	MW-10MS	MS	WATER	11/06/2025	50.0	25.0	
Q3552-04MSD	MW-10MSD	MSD	WATER	11/06/2025	50.0	25.0	
Q3552-05	MW-3	SAM	WATER	11/06/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number: _____ **Method:** _____

Run number: LB137799

Start date: 11/06/2025 **End date:** 11/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1310	HG
S0.2	S0.2	1	1313	HG
S2.5	S2.5	1	1315	HG
S5	S5	1	1317	HG
S7.5	S7.5	1	1322	HG
S10	S10	1	1328	HG
ICV101	ICV101	1	1337	HG
ICB101	ICB101	1	1339	HG
CCV34	CCV34	1	1341	HG
CCB34	CCB34	1	1343	HG
CRA	CRA	1	1346	HG
CCV35	CCV35	1	1409	HG
CCB35	CCB35	1	1411	HG
PB170409BL	PB170409BL	1	1425	HG
PB170409BS	PB170409BS	1	1427	HG
Q3552-01	MW-4	1	1432	HG
Q3552-01DUP	MW-4DUP	1	1434	HG
CCV36	CCV36	1	1436	HG
CCB36	CCB36	1	1438	HG
Q3552-01MS	MW-4MS	1	1441	HG
Q3552-01MSD	MW-4MSD	1	1446	HG
Q3552-02	MW-8	1	1448	HG
Q3552-03	MW-9	1	1450	HG
Q3552-04	MW-10	1	1453	HG
Q3552-05	MW-3	1	1455	HG
CCV37	CCV37	1	1457	HG
CCB37	CCB37	1	1459	HG
Q3552-01L	MW-4L	5	1509	HG
CCV38	CCV38	1	1513	HG
CCB38	CCB38	1	1515	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number:

Method:

Run number: LB137834

Start date: 11/07/2025

End date: 11/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1254	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	1258	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	1303	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	1307	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	1311	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	1315	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	1319	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	1336	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	1342	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	1346	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	1351	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	1355	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	1412	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	1417	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BL	PB170411BL	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BS	PB170411BS	1	1456	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	1504	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	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-01	MW-4	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	1	1525	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-03	MW-9	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04	MW-10	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04L	MW-10L	5	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MS	MW-10MS	1	1546	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MSD	MW-10MSD	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-05	MW-3	1	1559	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	1603	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	1607	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: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	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	1124	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	1128	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	1132	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	1137	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	1141	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	1145	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	1157	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	1211	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	1216	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	1221	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	1226	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	1238	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	1242	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	1328	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	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04	MW-10	10	1442	Na
CCV03	CCV03	1	1446	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	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	10	1455	Na
Q3552-04MS	MW-10MS	10	1503	Na
Q3552-04MSD	MW-10MSD	10	1508	Na
CCV04	CCV04	1	1544	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	1547	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	1635	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	1638	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	1727	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	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1914	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	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: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number: _____ **Method:** _____

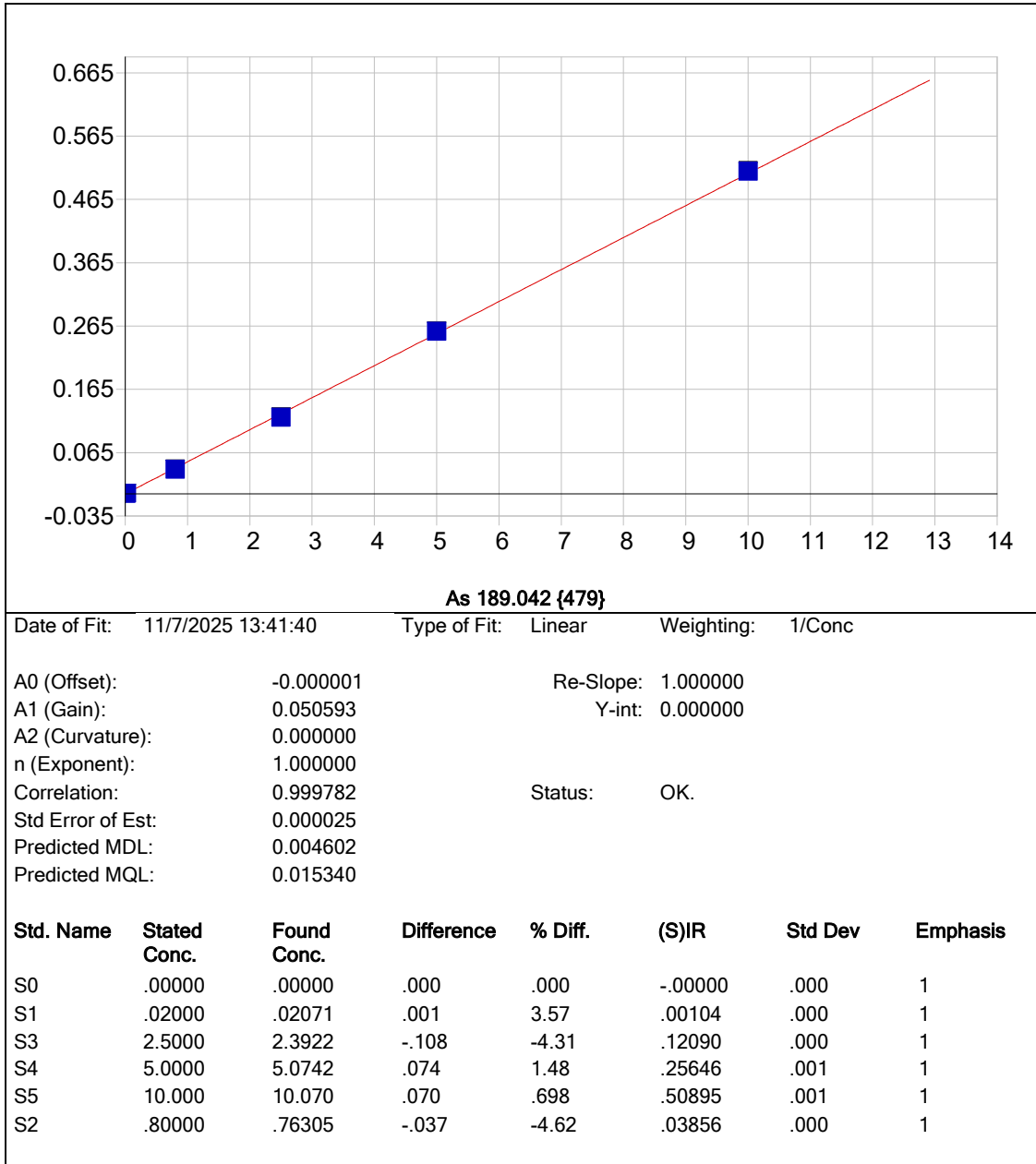
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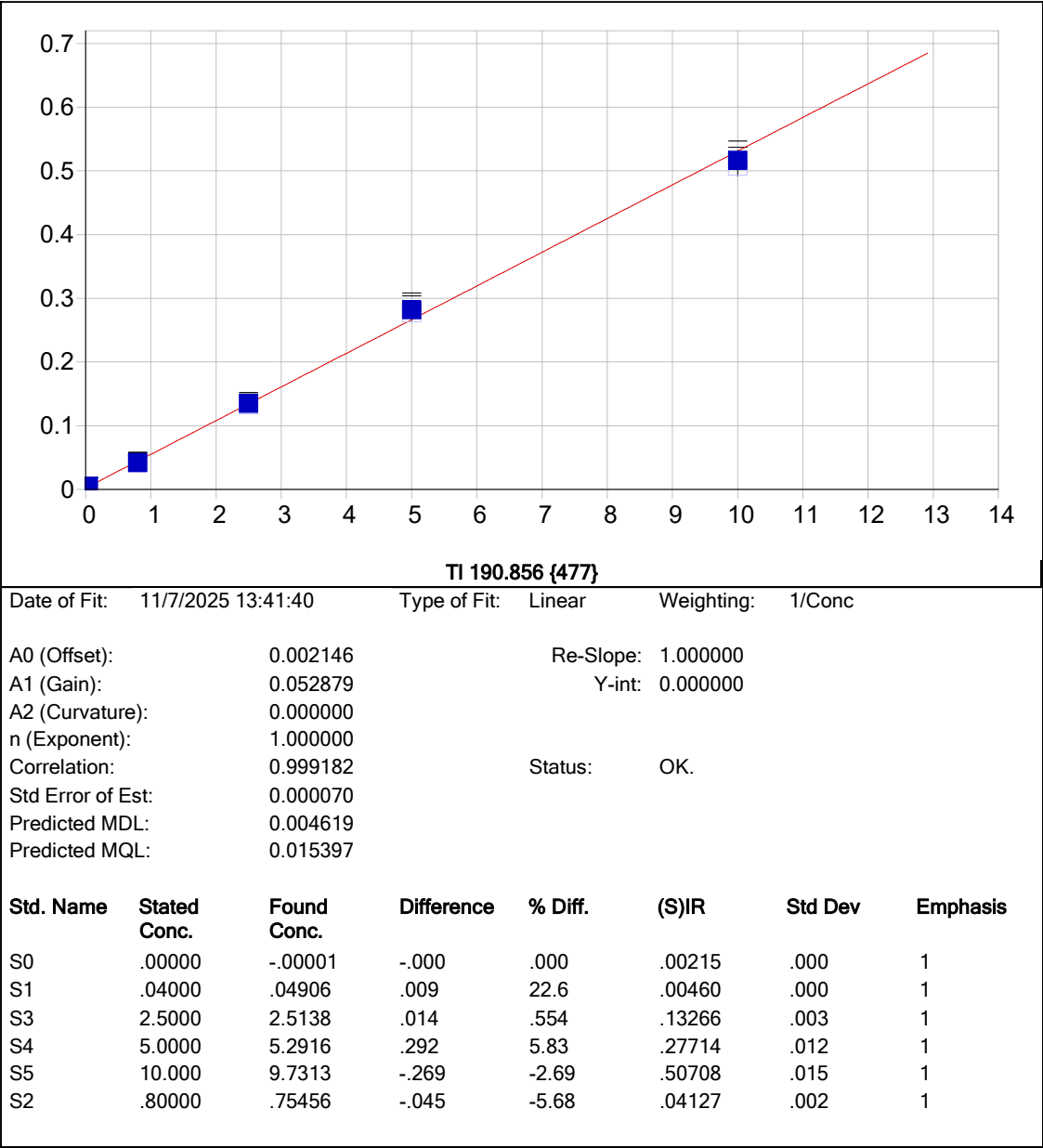
Start date: 11/11/2025 **End date:** 11/11/2025

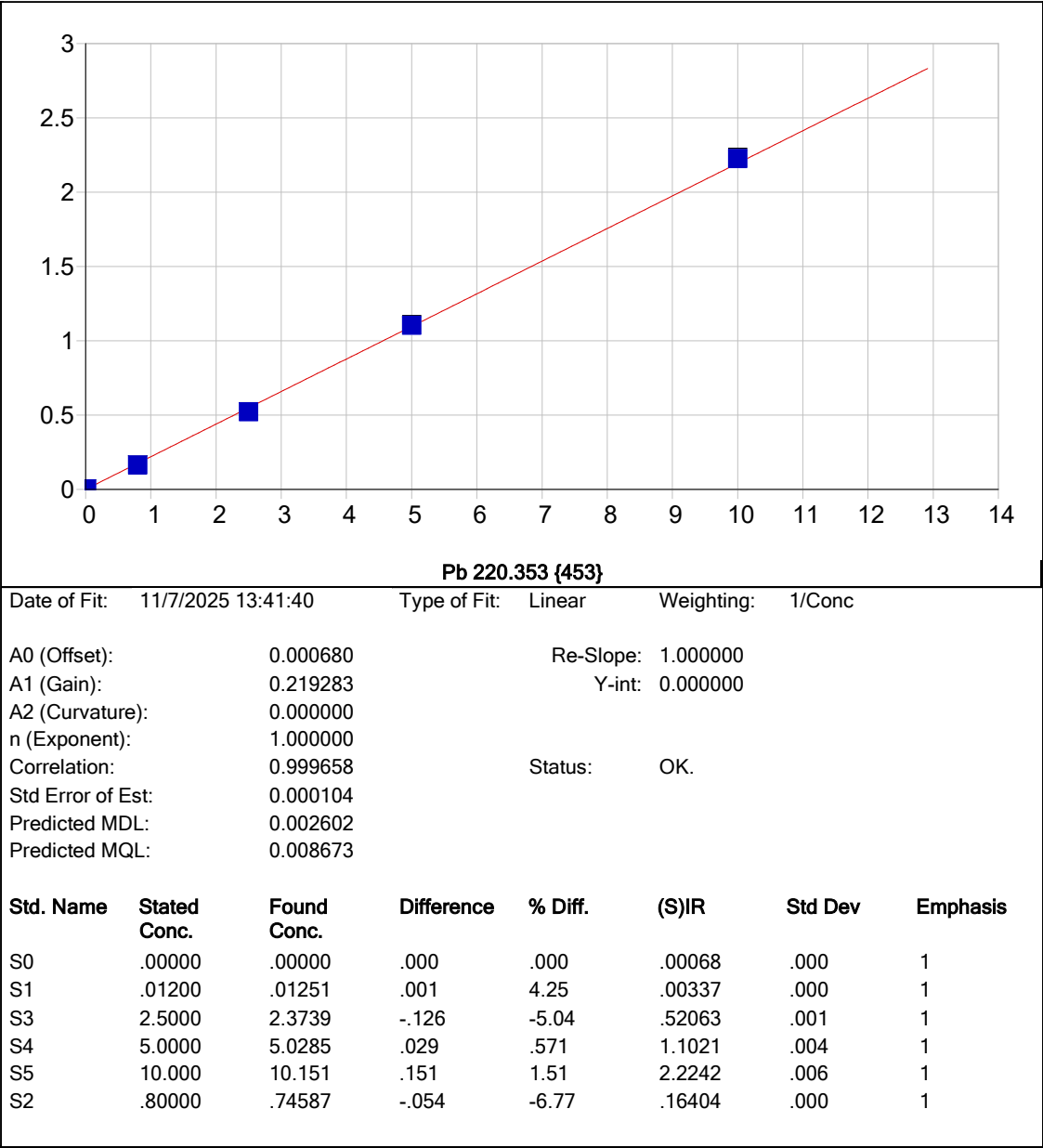
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1204	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	1208	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	1233	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	1301	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	1305	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	1319	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	1323	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	1327	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	1347	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	1351	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	1440	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	1444	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	1529	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	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	10	1537	Mn,Na
CCV04	CCV04	1	1639	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	1643	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	1730	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	1734	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	1820	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	1824	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

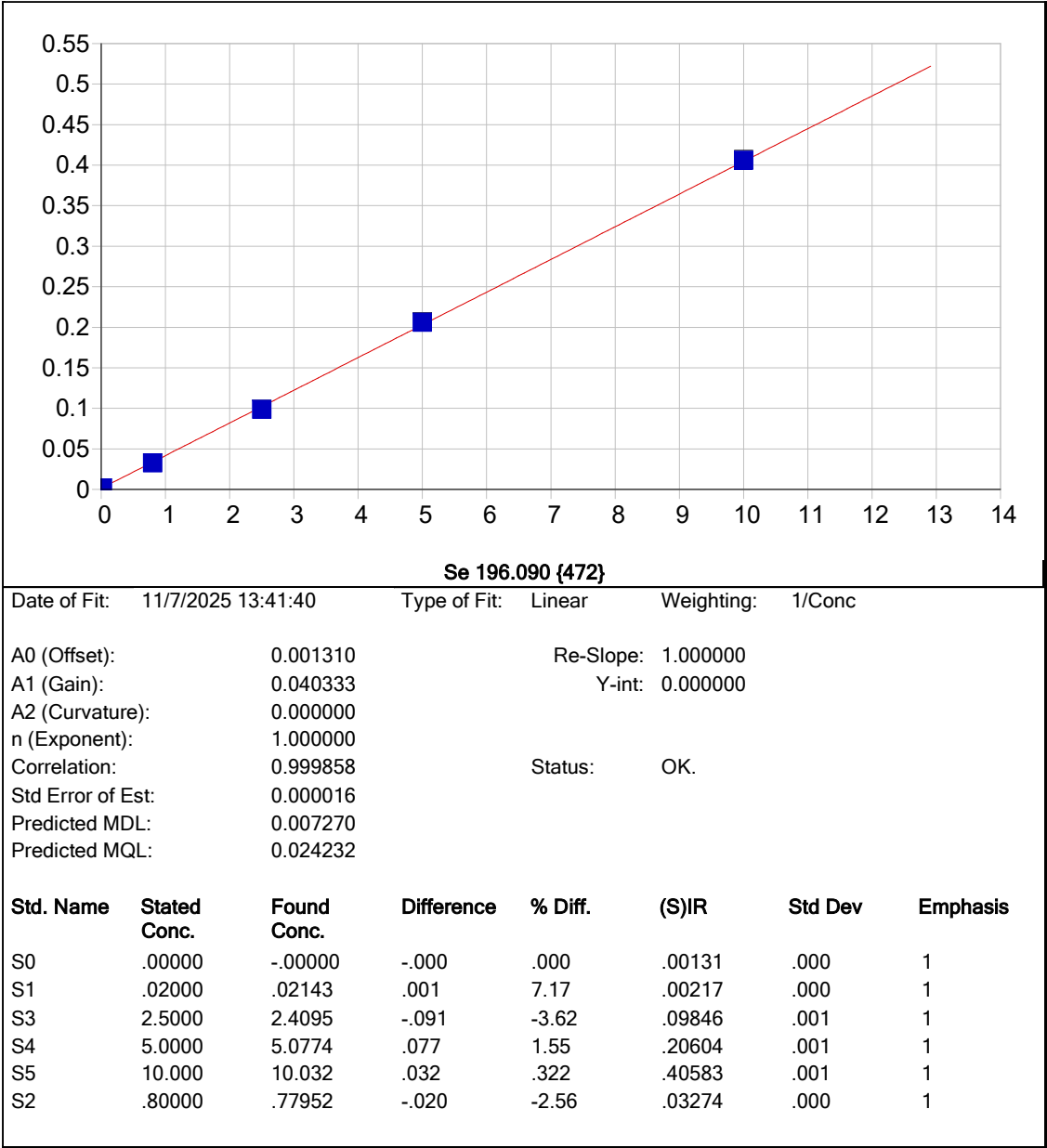


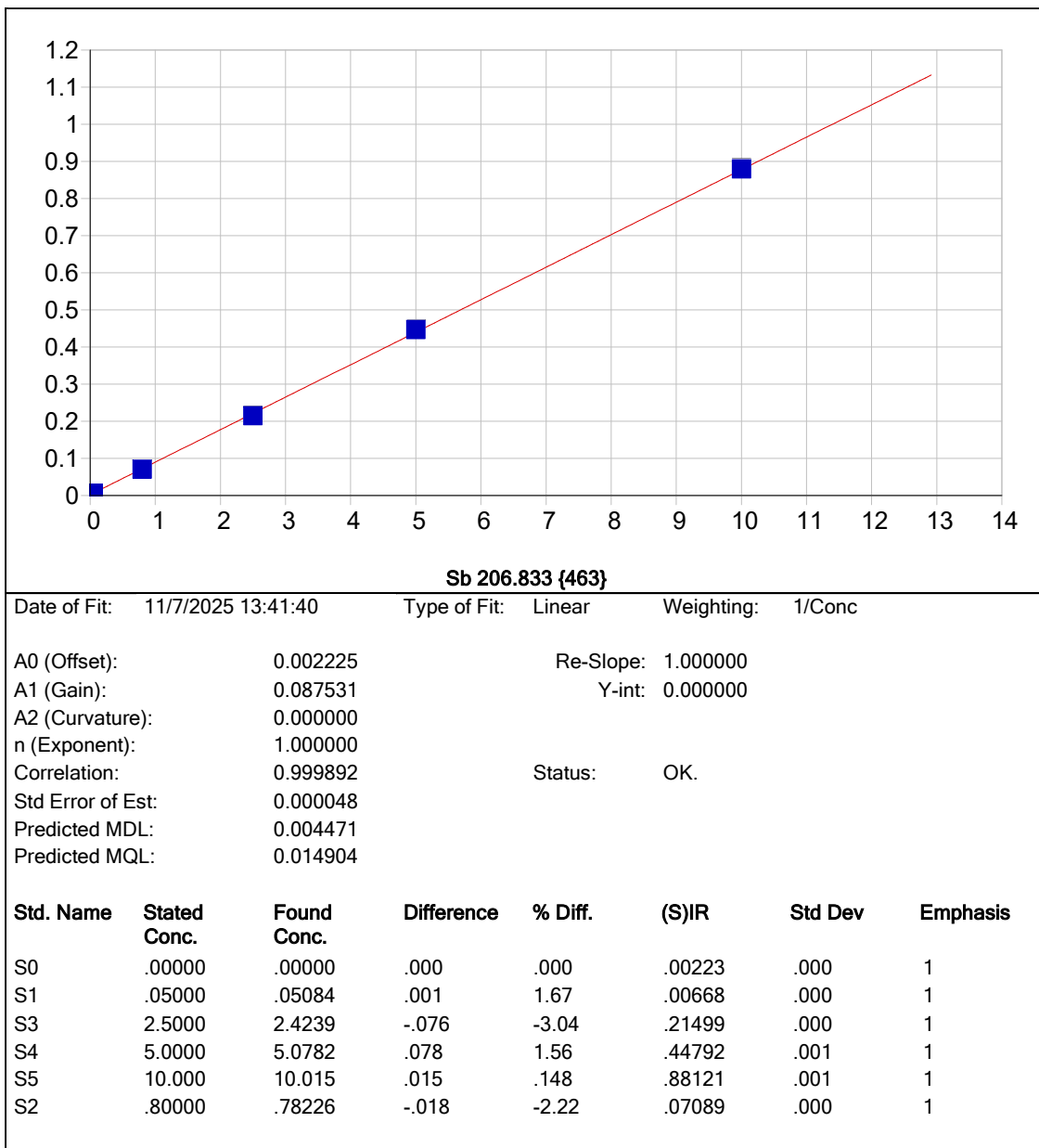
METAL RAW DATA

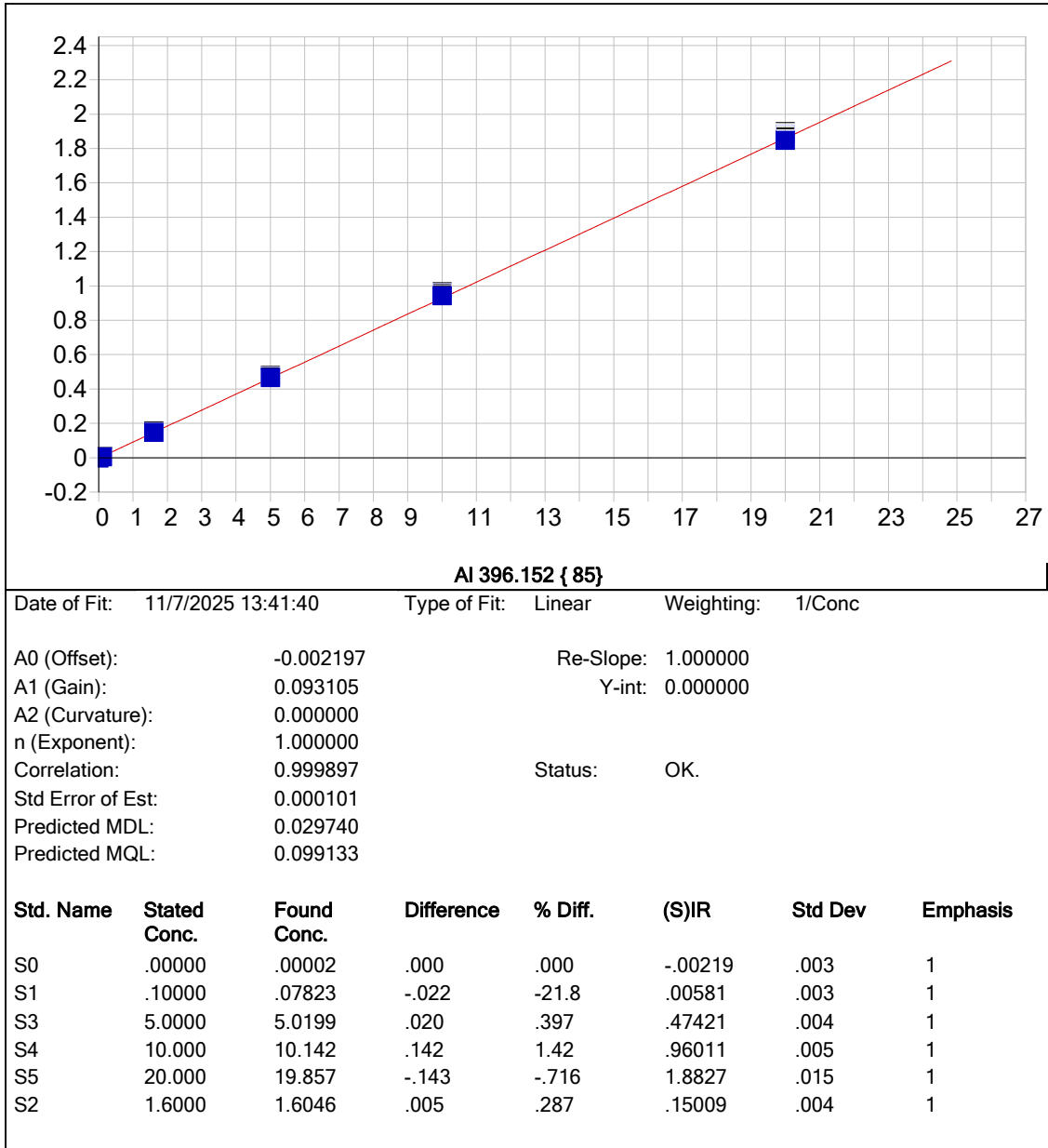






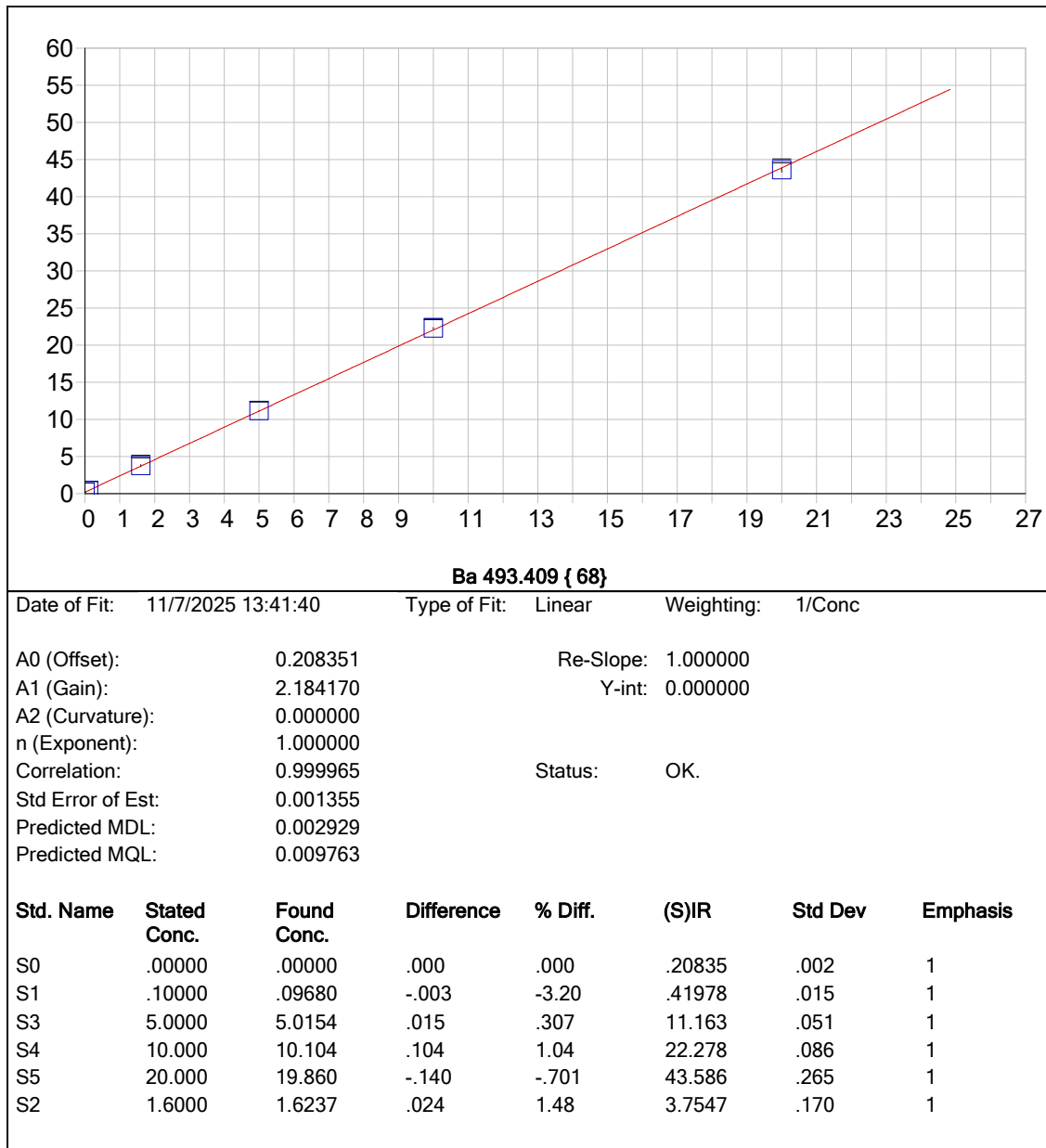


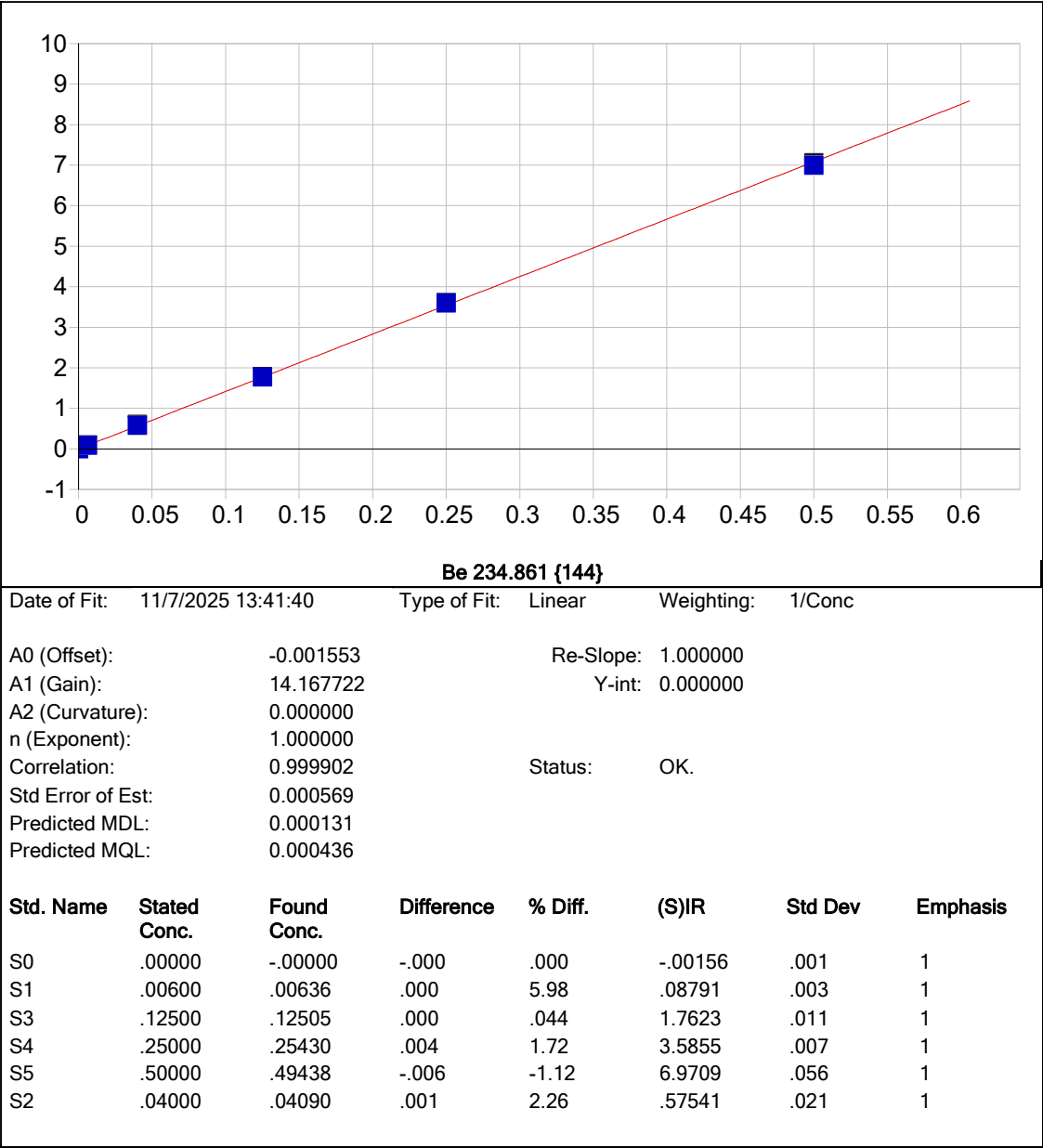


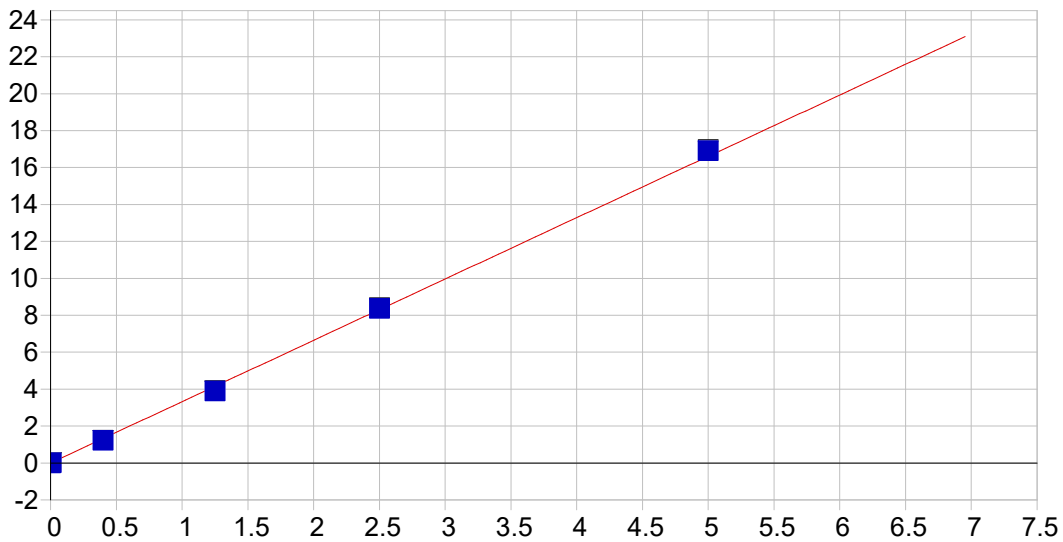


Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002197 Re-Slope: 1.000000
A1 (Gain): 0.093105 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999897 Status: OK.
Std Error of Est: 0.000101
Predicted MDL: 0.029740
Predicted MQL: 0.099133





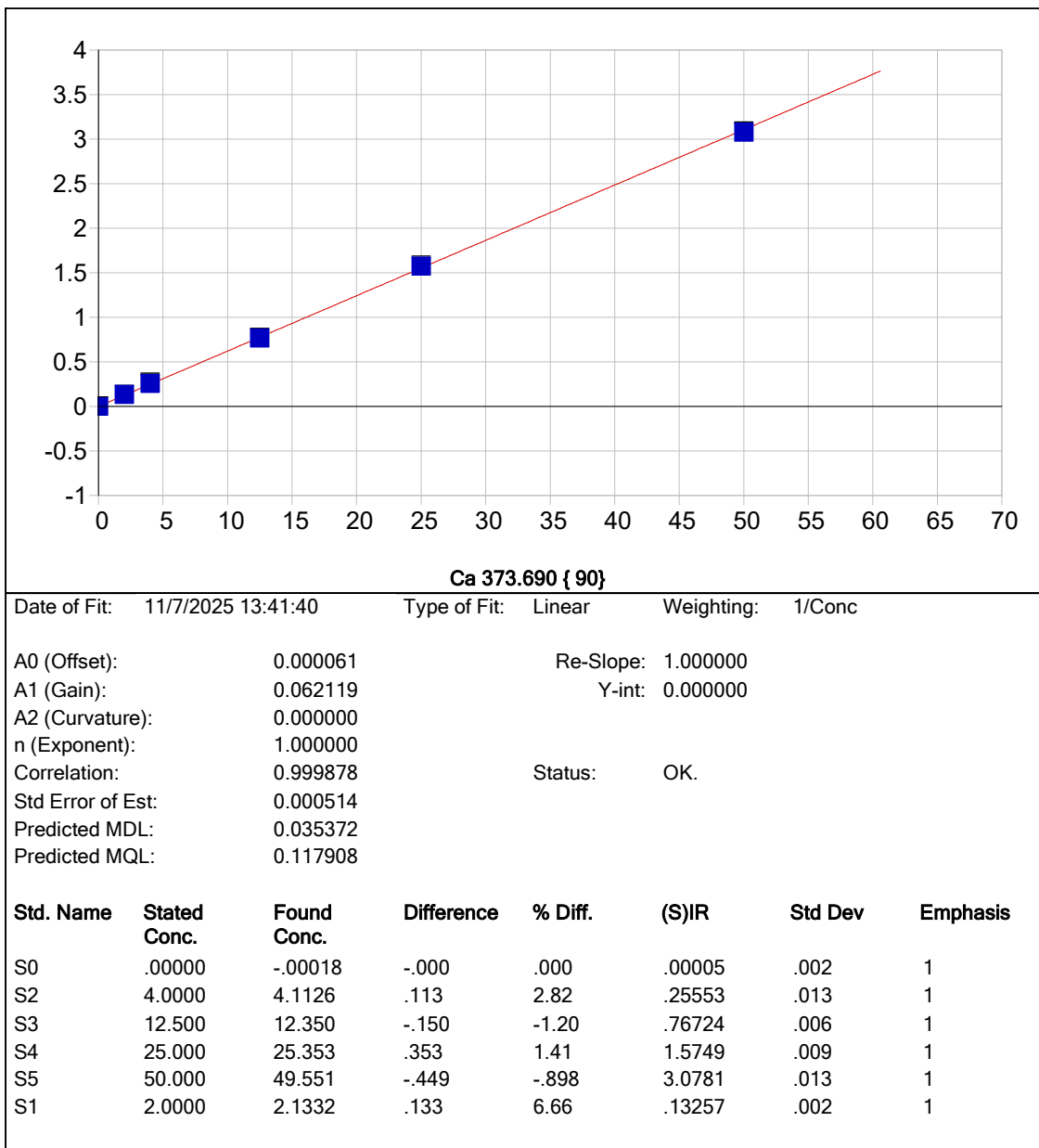


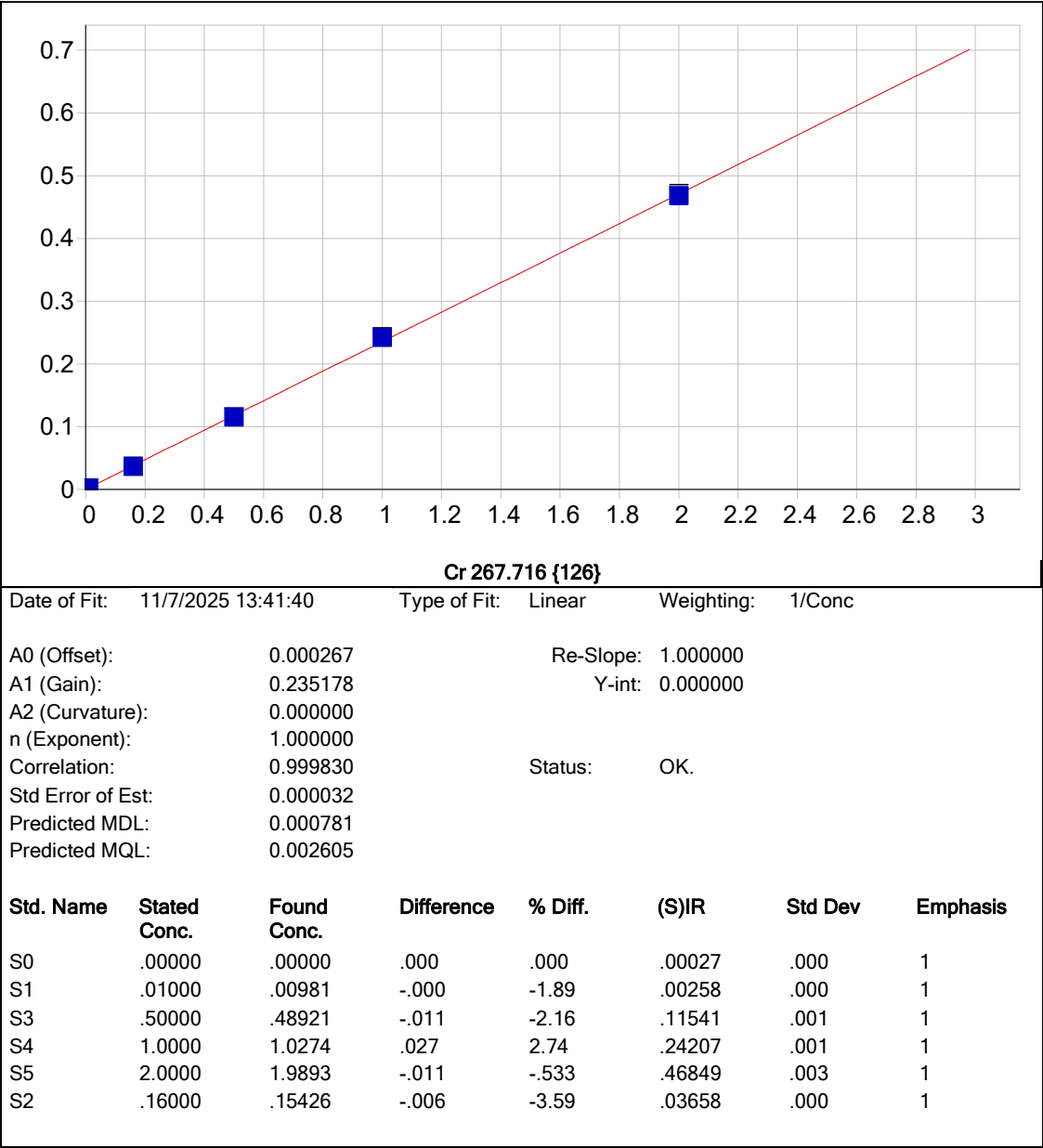
Cd 226.502 {449}

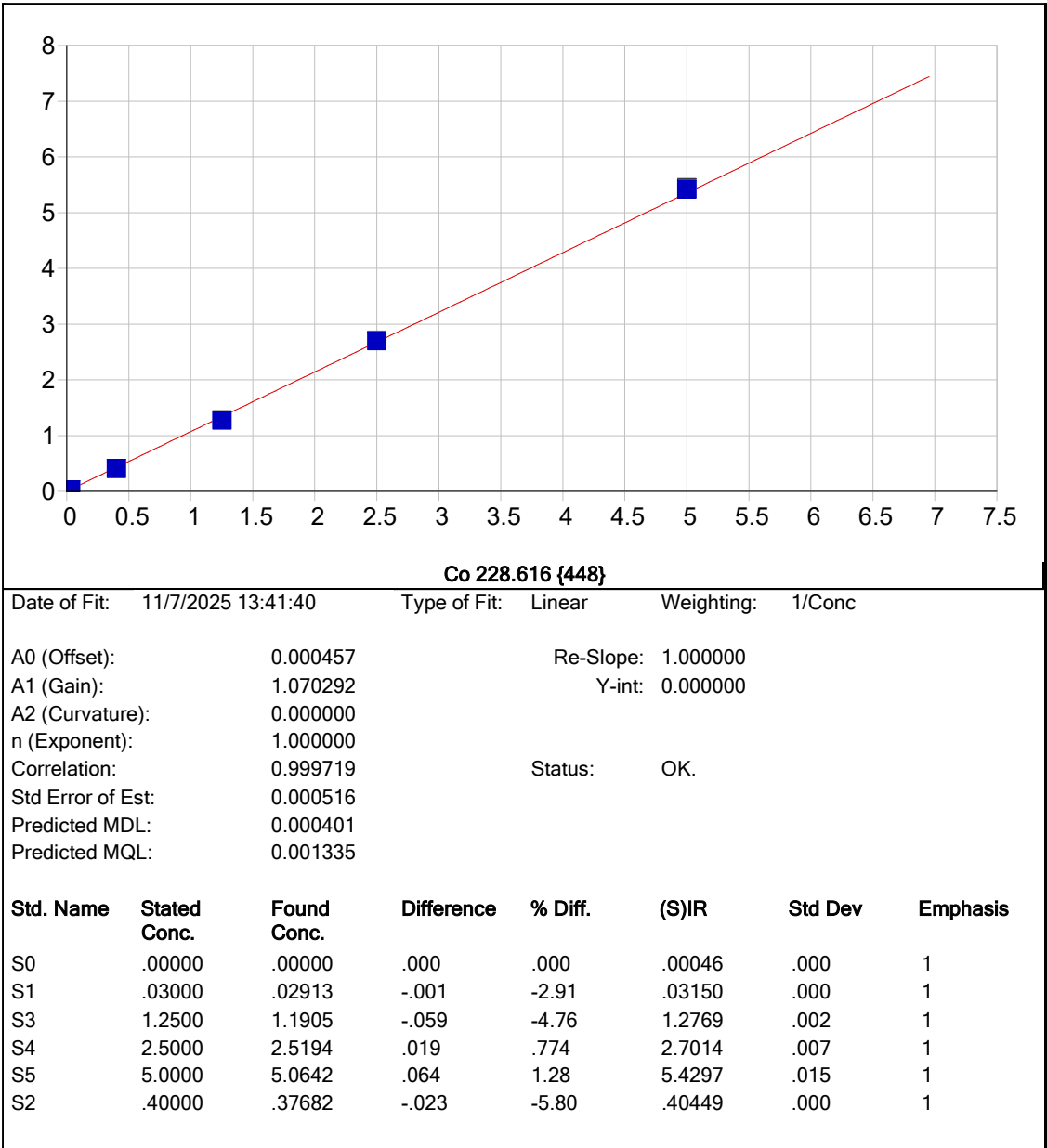
Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

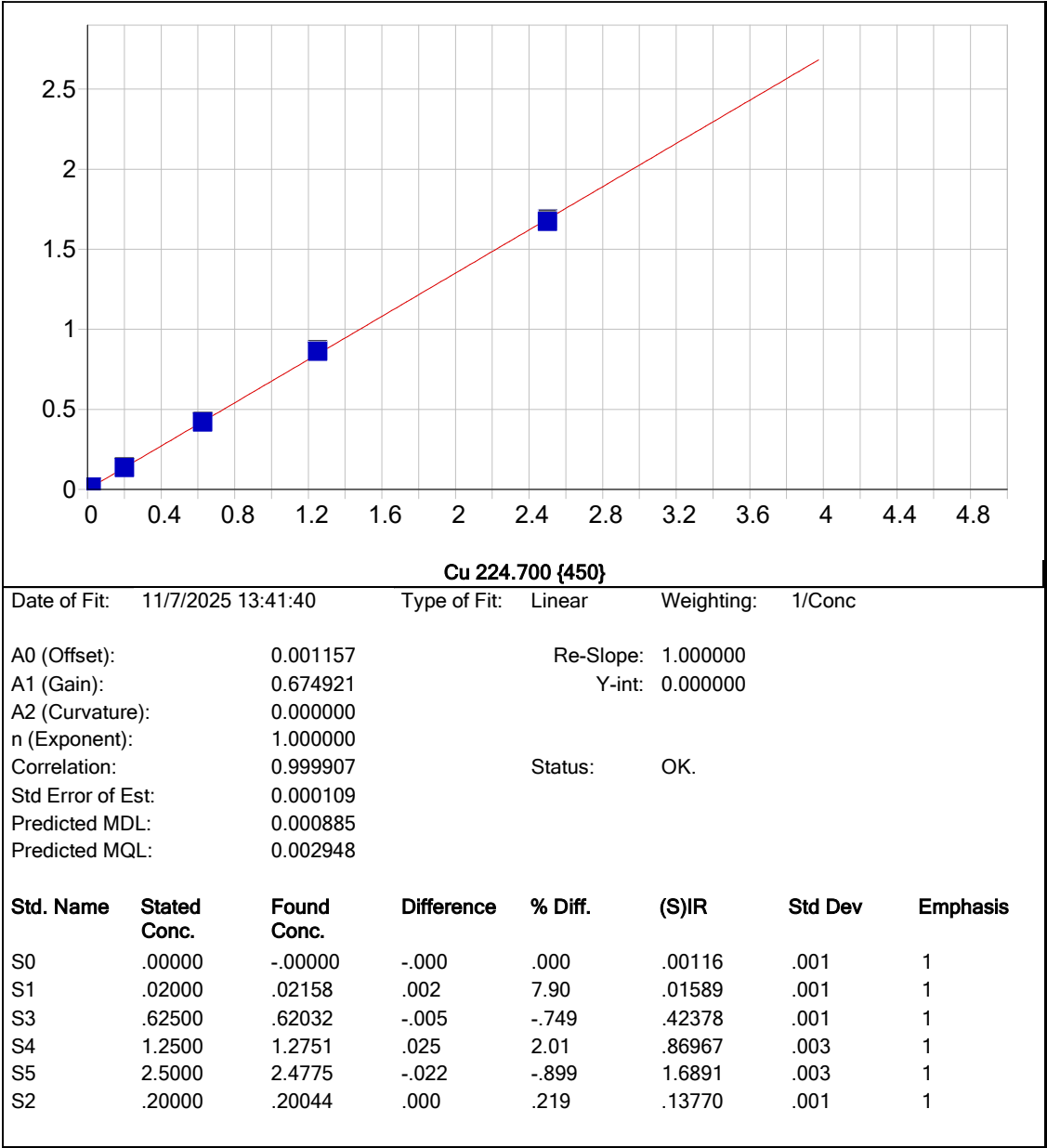
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A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999511	Status:	OK.
Std Error of Est:	0.000943		
Predicted MDL:	0.000147		
Predicted MQL:	0.000488		

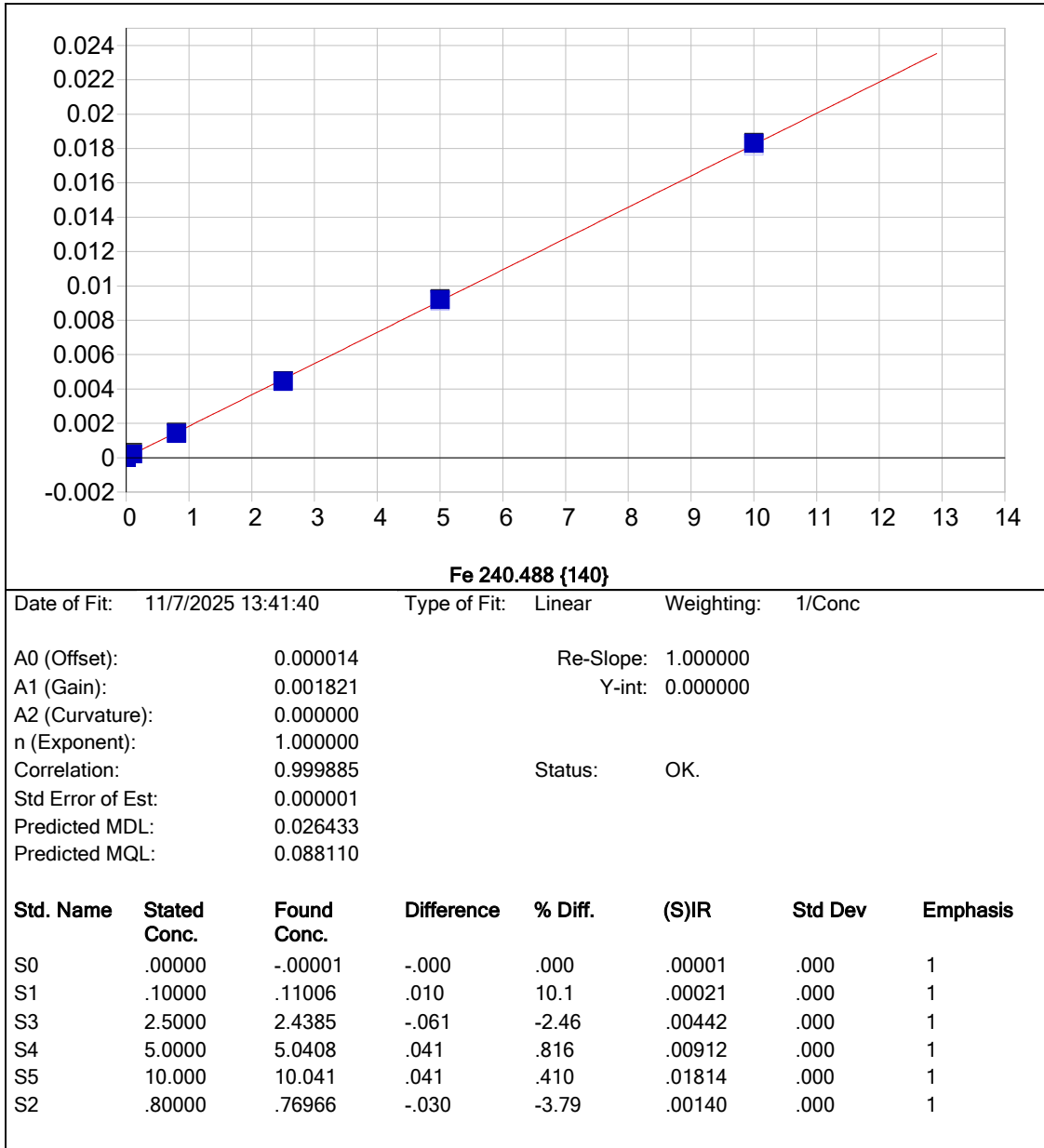
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.00600	.00568	-.000	-5.38	.01833	.000	1
S3	1.2500	1.1737	-.076	-6.10	3.9009	.008	1
S4	2.5000	2.5196	.020	.786	8.3745	.023	1
S5	5.0000	5.0889	.089	1.78	16.915	.047	1
S2	.40000	.36801	-.032	-8.00	1.2227	.001	1

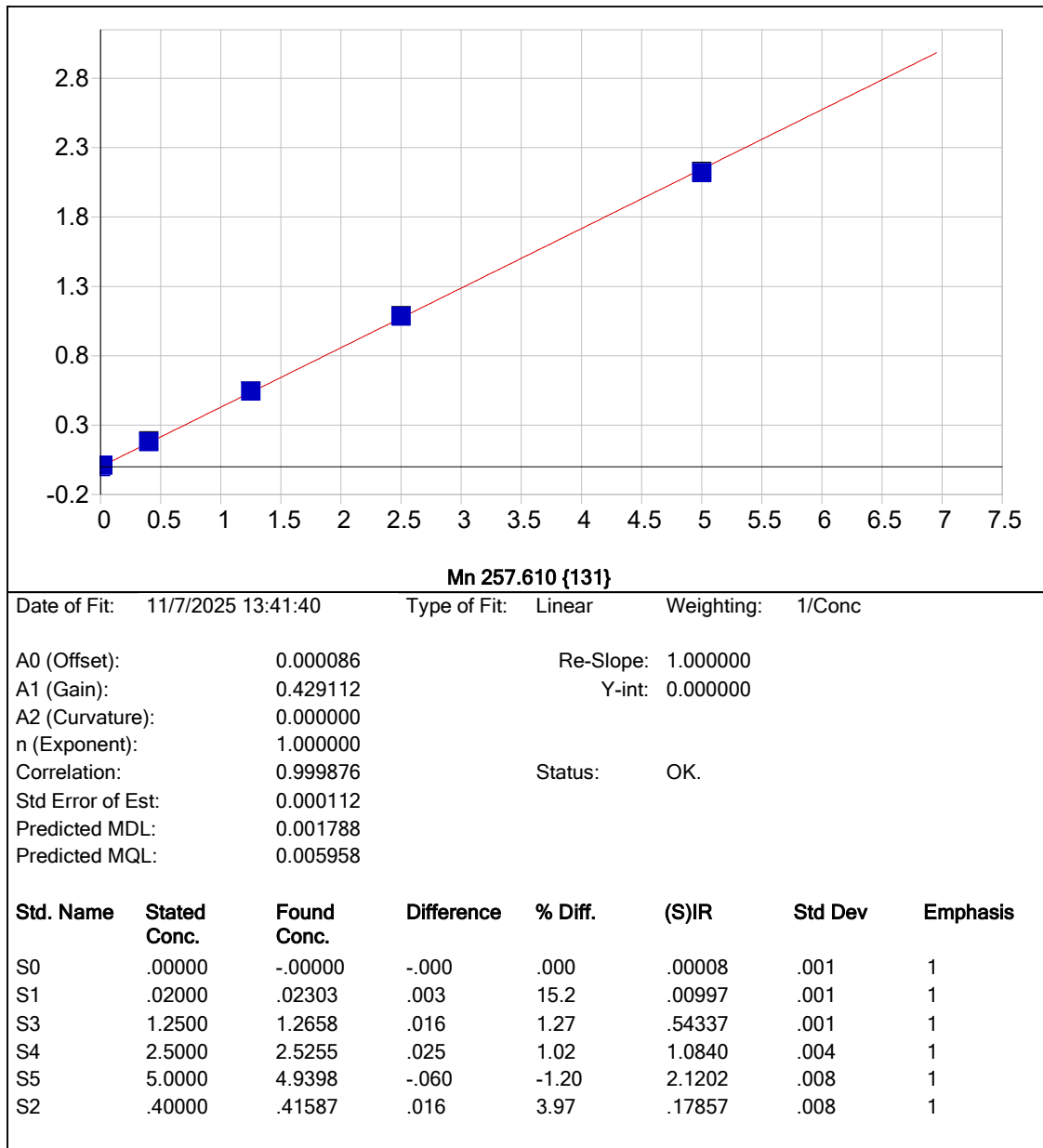


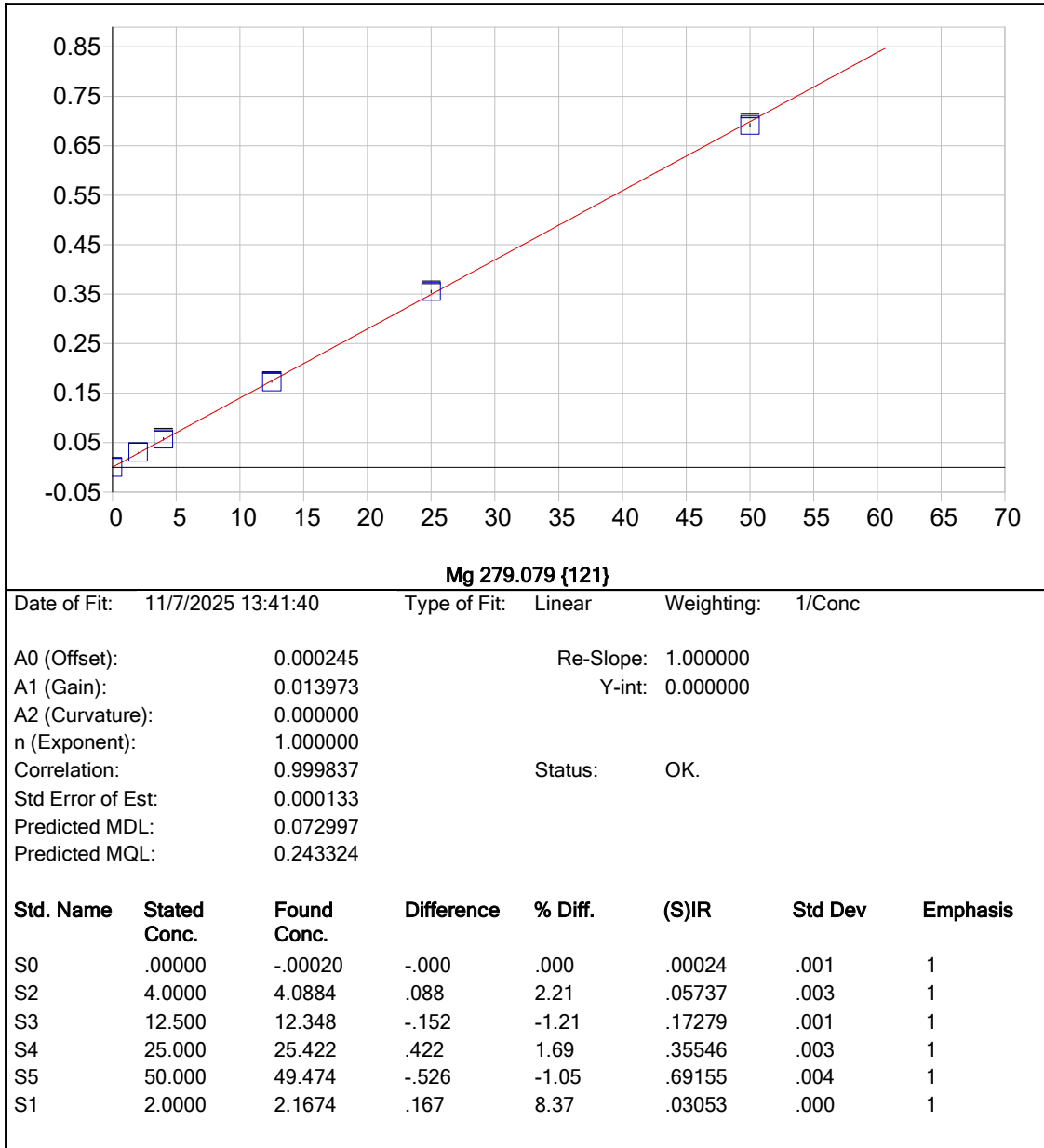






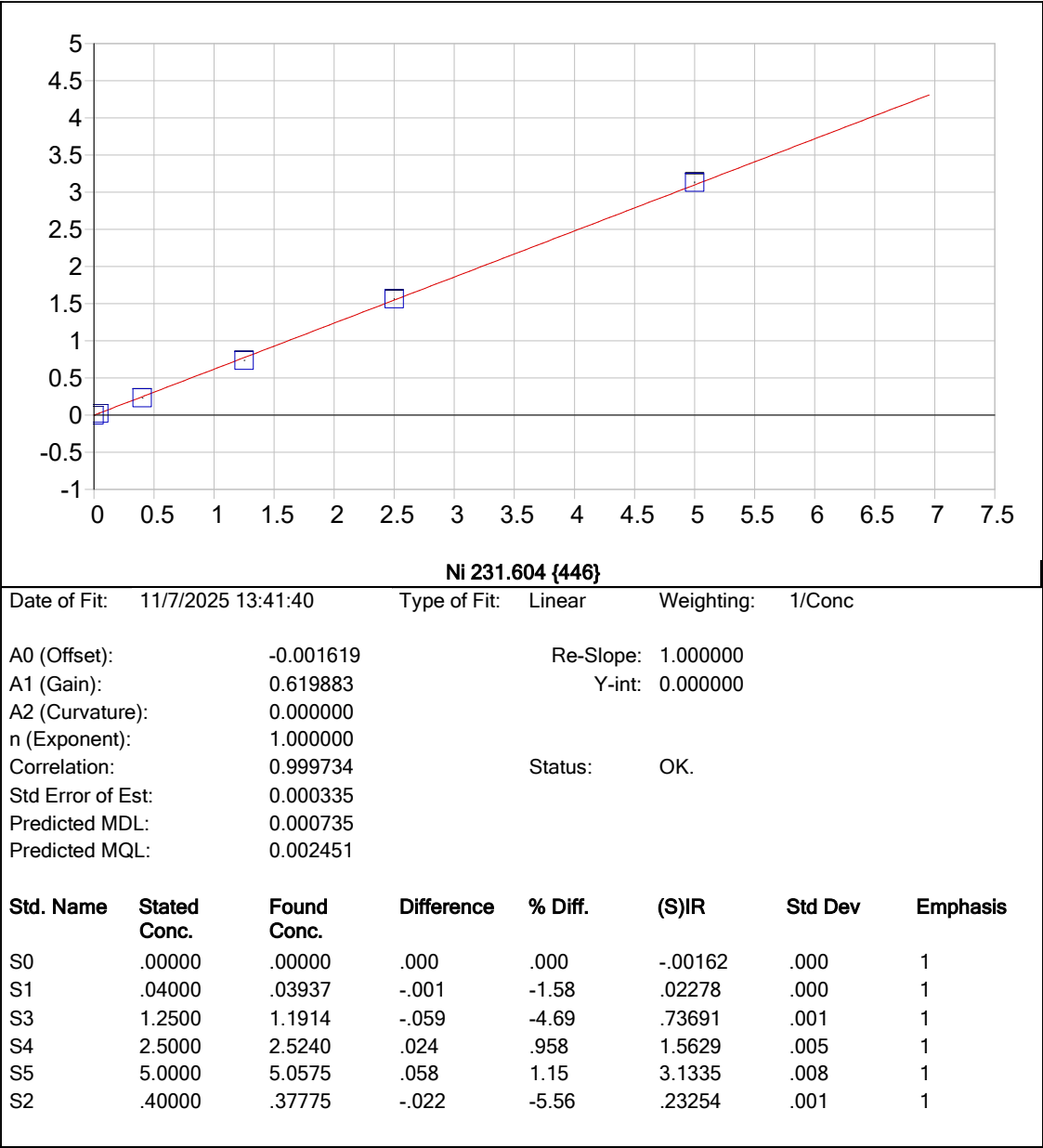


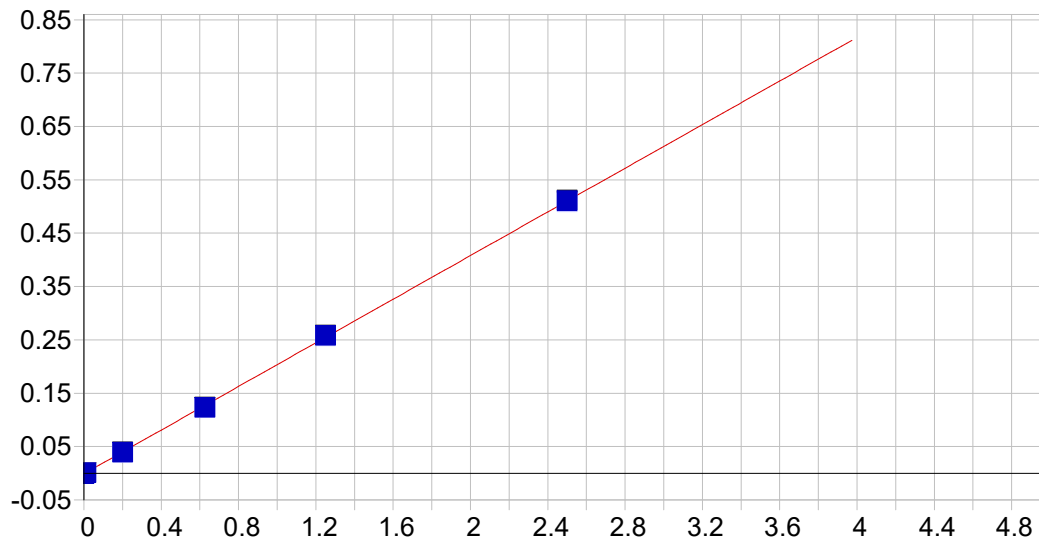




Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
A1 (Gain): 0.013973 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999837 Status: OK.
Std Error of Est: 0.000133
Predicted MDL: 0.072997
Predicted MQL: 0.243324



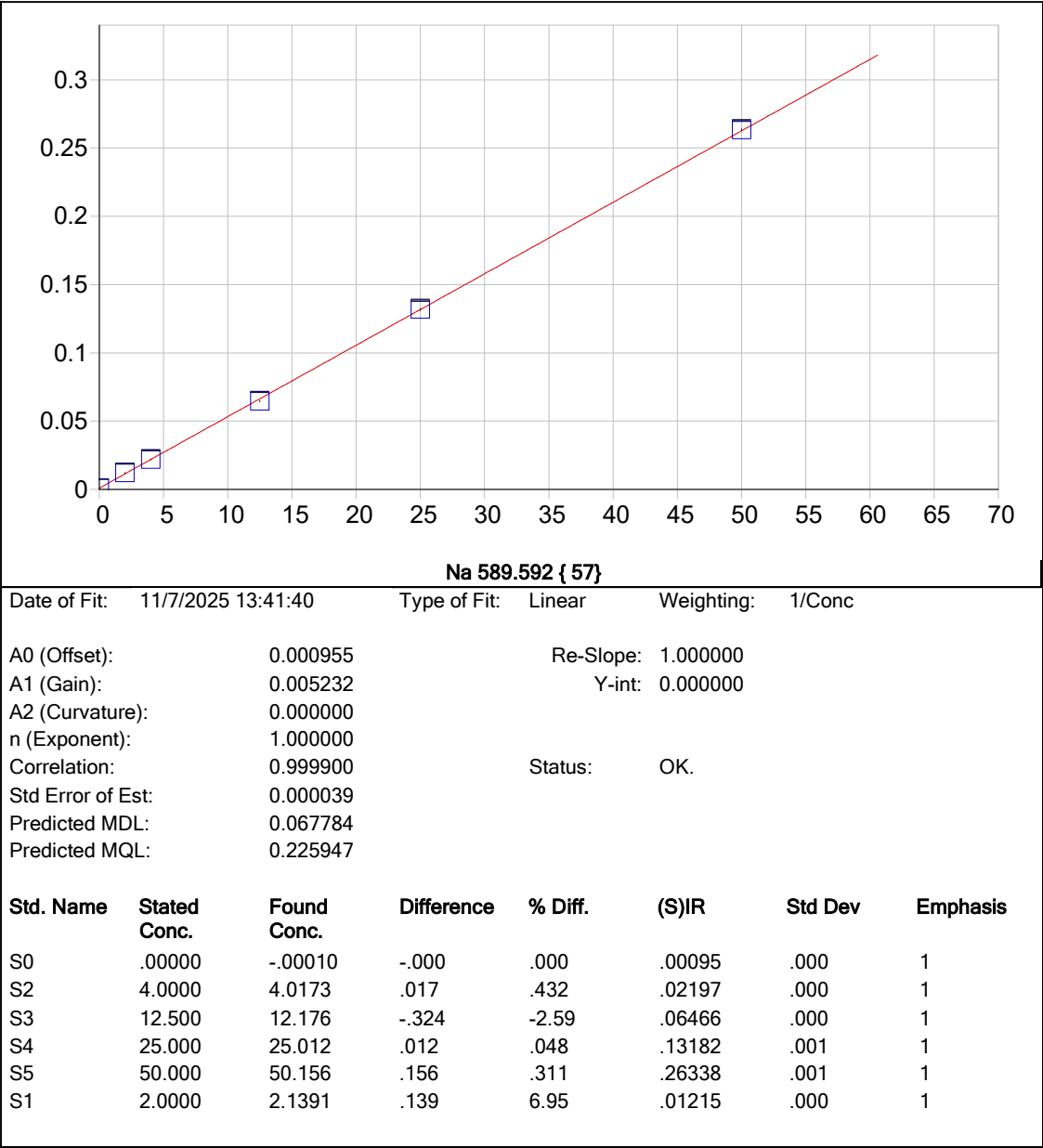


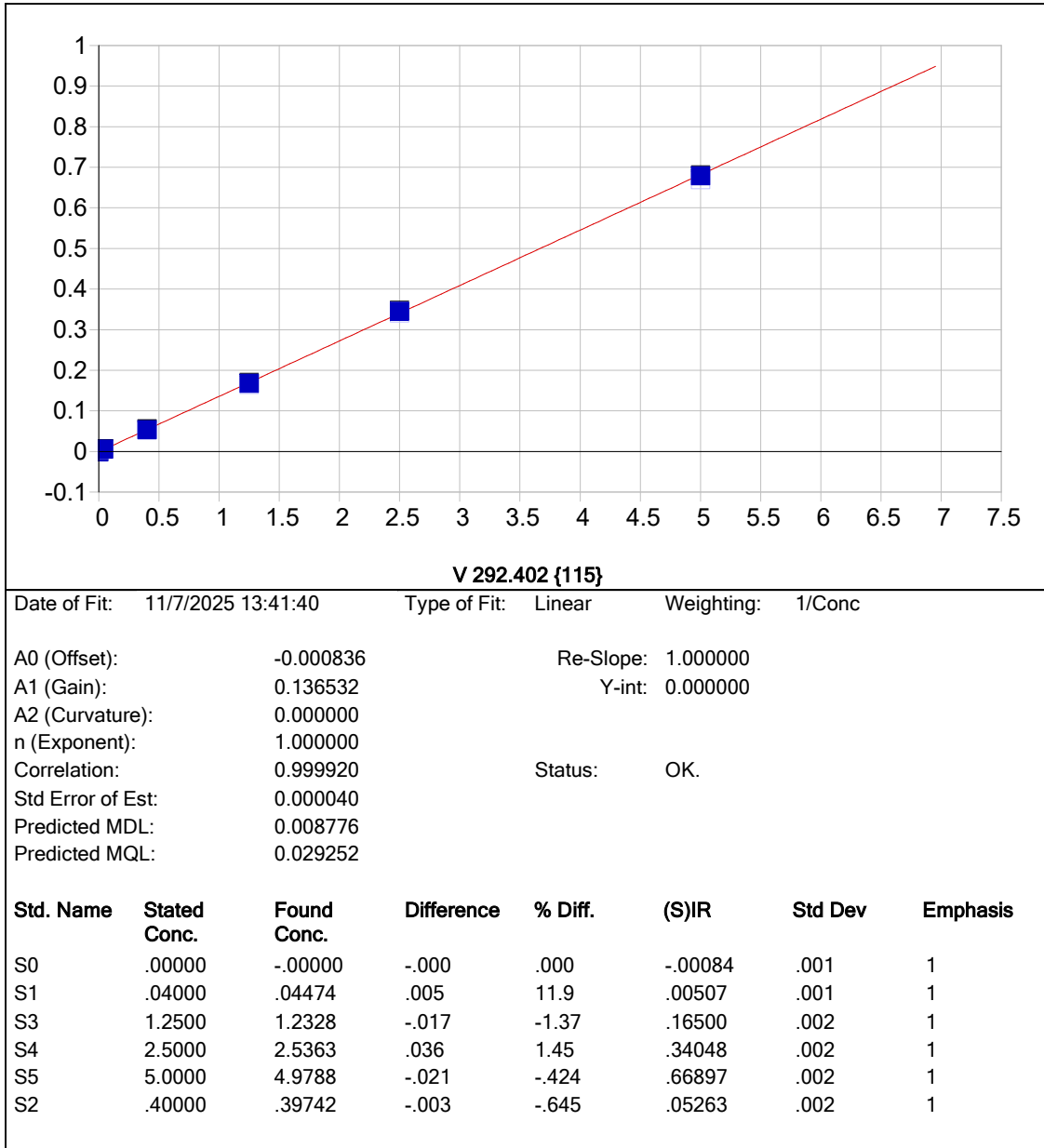
Ag 328.068 {103}

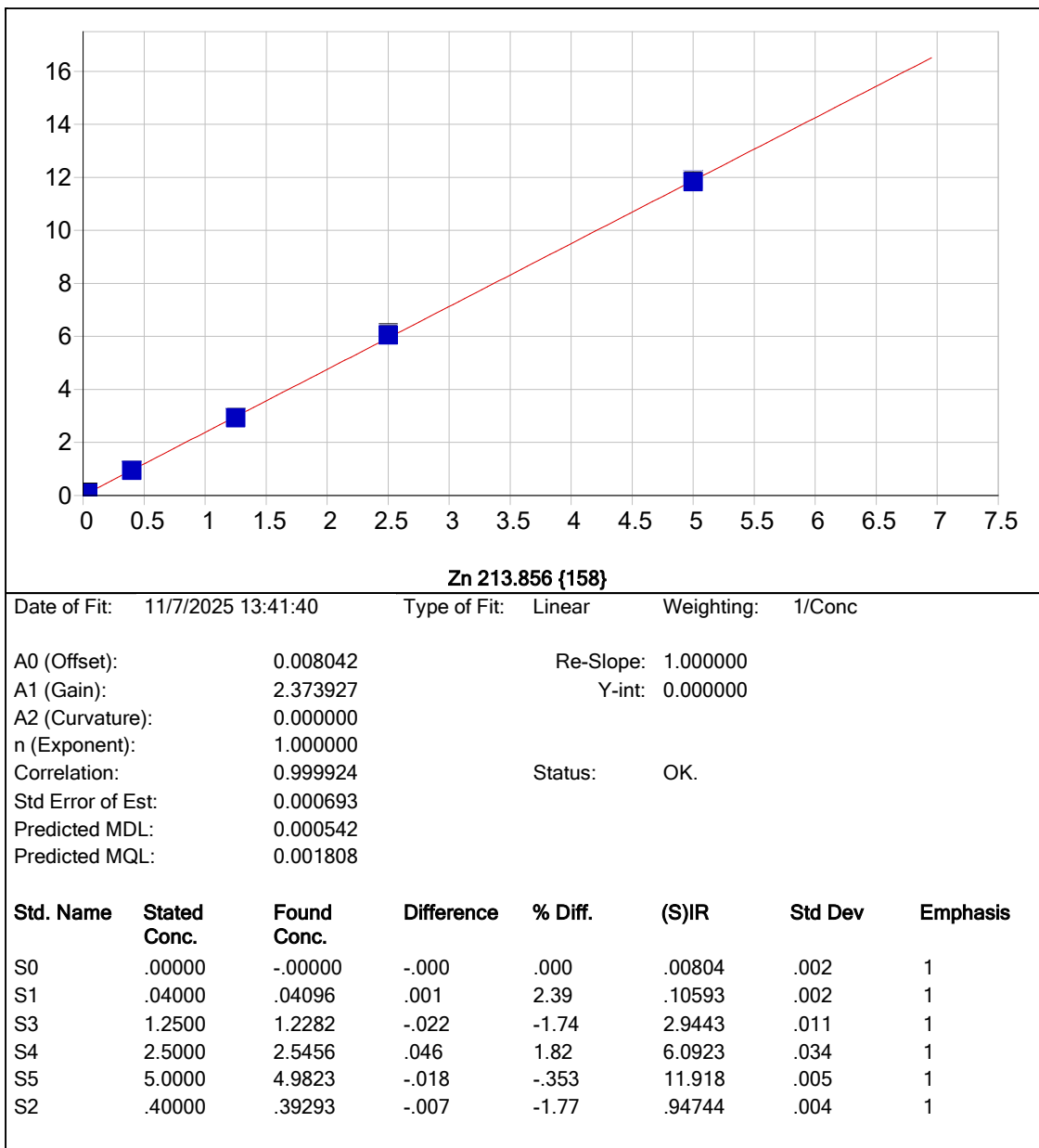
Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

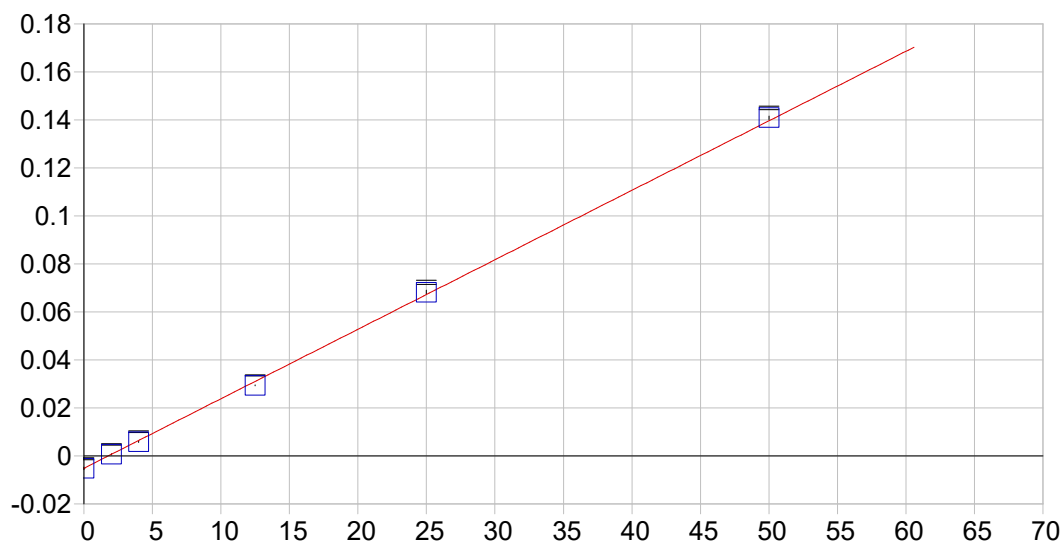
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A1 (Gain):	0.204515	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001410		
Predicted MQL:	0.004700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.01000	.00960	-.000	-4.03	.00101	.000	1
S3	.62500	.60799	-.017	-2.72	.12278	.000	1
S4	1.2500	1.2674	.017	1.39	.25703	.001	1
S5	2.5000	2.5034	.003	.136	.50856	.001	1
S2	.20000	.19660	-.003	-1.70	.03907	.000	1







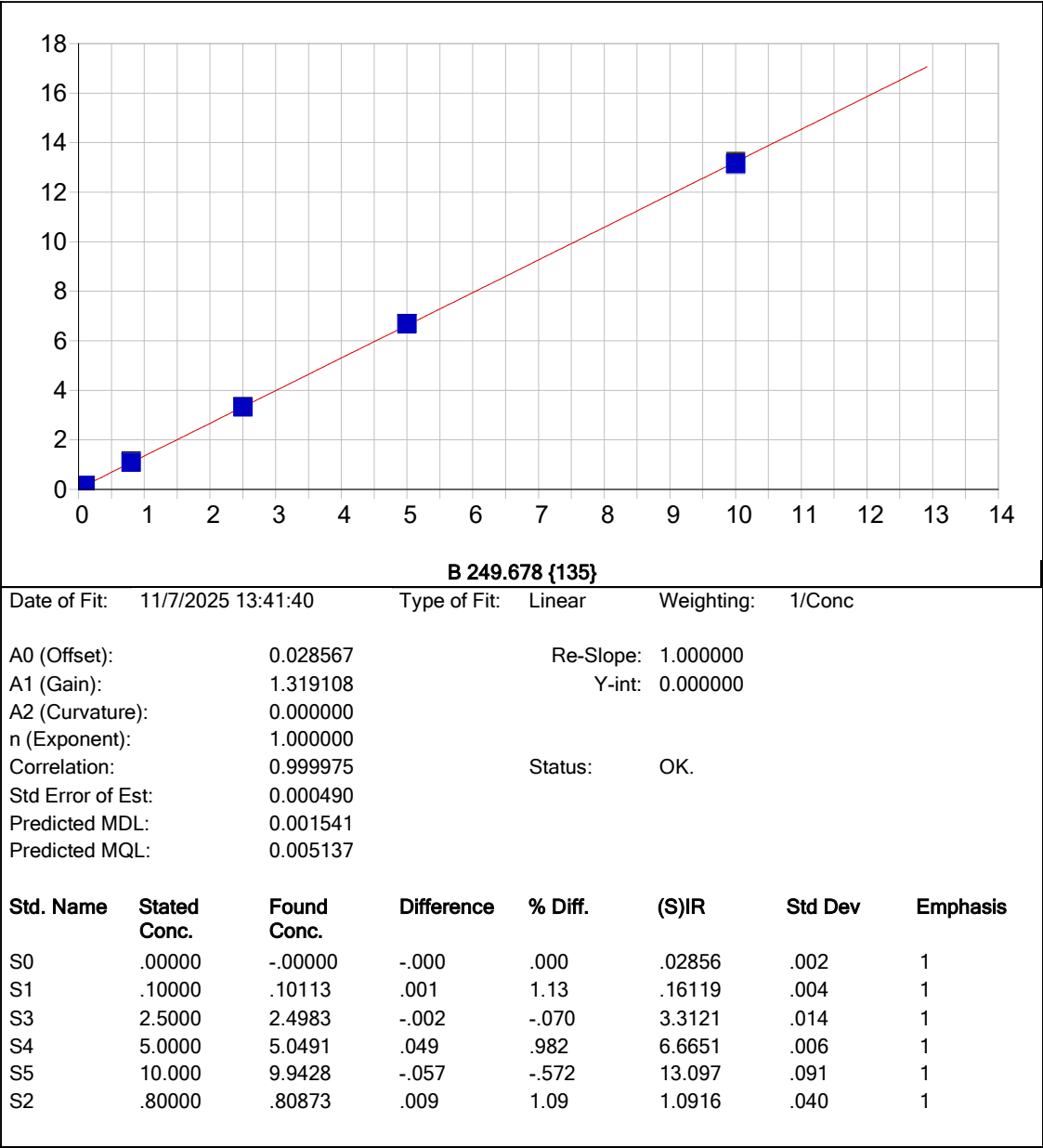


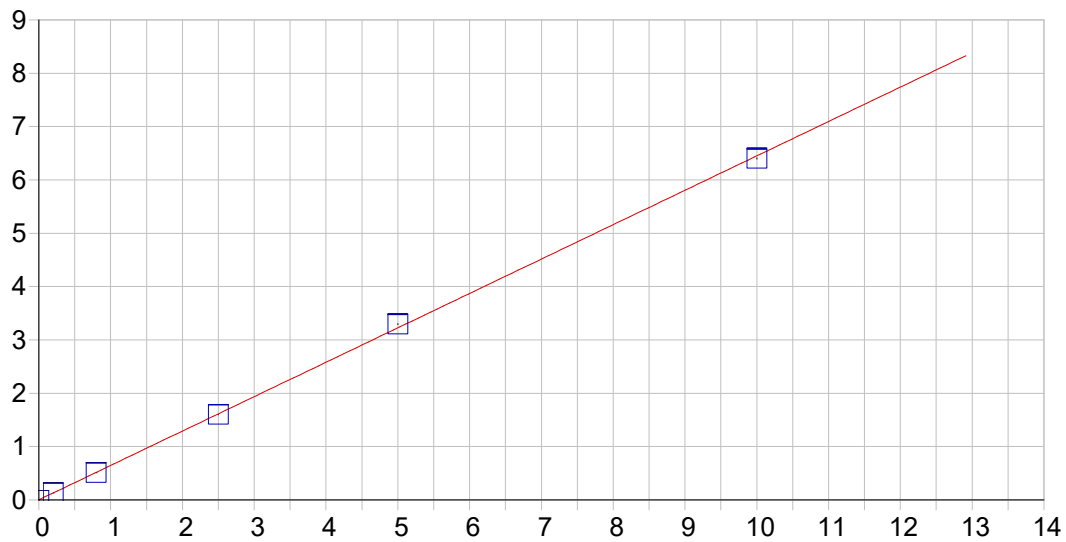
K 766.490 { 44}

Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005145 Re-Slope: 1.000000
A1 (Gain): 0.002895 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999774 Status: OK.
Std Error of Est: 0.000033
Predicted MDL: 0.148918
Predicted MQL: 0.496393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	-.00514	.001	1
S2	4.0000	3.8168	-.183	-4.58	.00591	.000	1
S3	12.500	11.929	-.571	-4.56	.02940	.000	1
S4	25.000	25.319	.319	1.28	.06816	.001	1
S5	50.000	50.429	.429	.858	.14087	.001	1
S1	2.0000	2.0058	.006	.292	.00066	.000	1



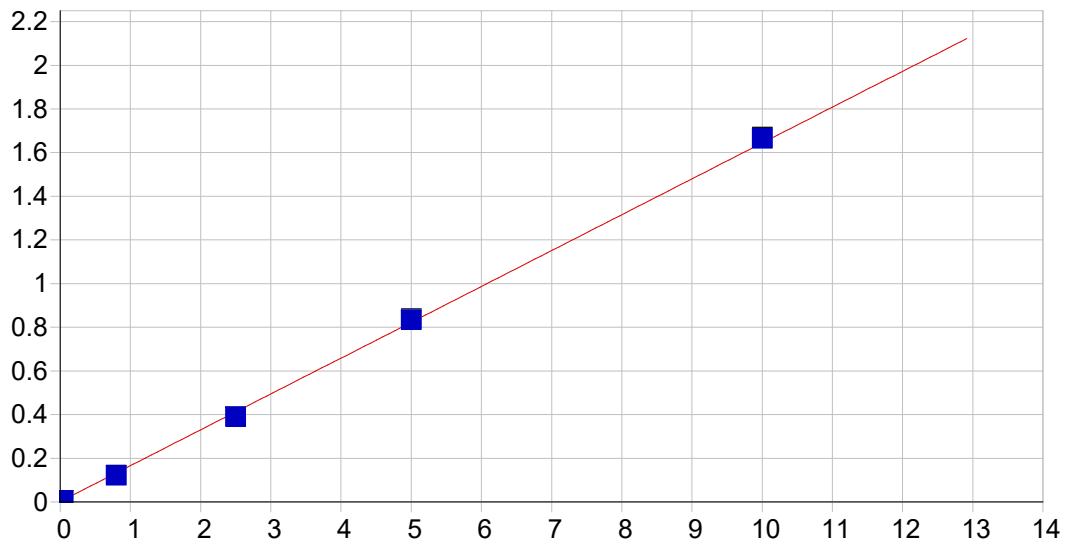


Mo 202.030 {467}

Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001172 Re-Slope: 1.000000
A1 (Gain): 0.644942 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999909 Status: OK.
Std Error of Est: 0.000646
Predicted MDL: 0.000560
Predicted MQL: 0.001866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00117	.000	1
S1	.20000	.19979	-.000	-.103	.13003	.000	1
S3	2.5000	2.4786	-.021	-.857	1.5997	.005	1
S4	5.0000	5.1101	.110	2.20	3.2969	.008	1
S5	10.000	9.9218	-.078	-.782	6.4002	.012	1
S2	.80000	.78965	-.010	-1.29	.51045	.000	1

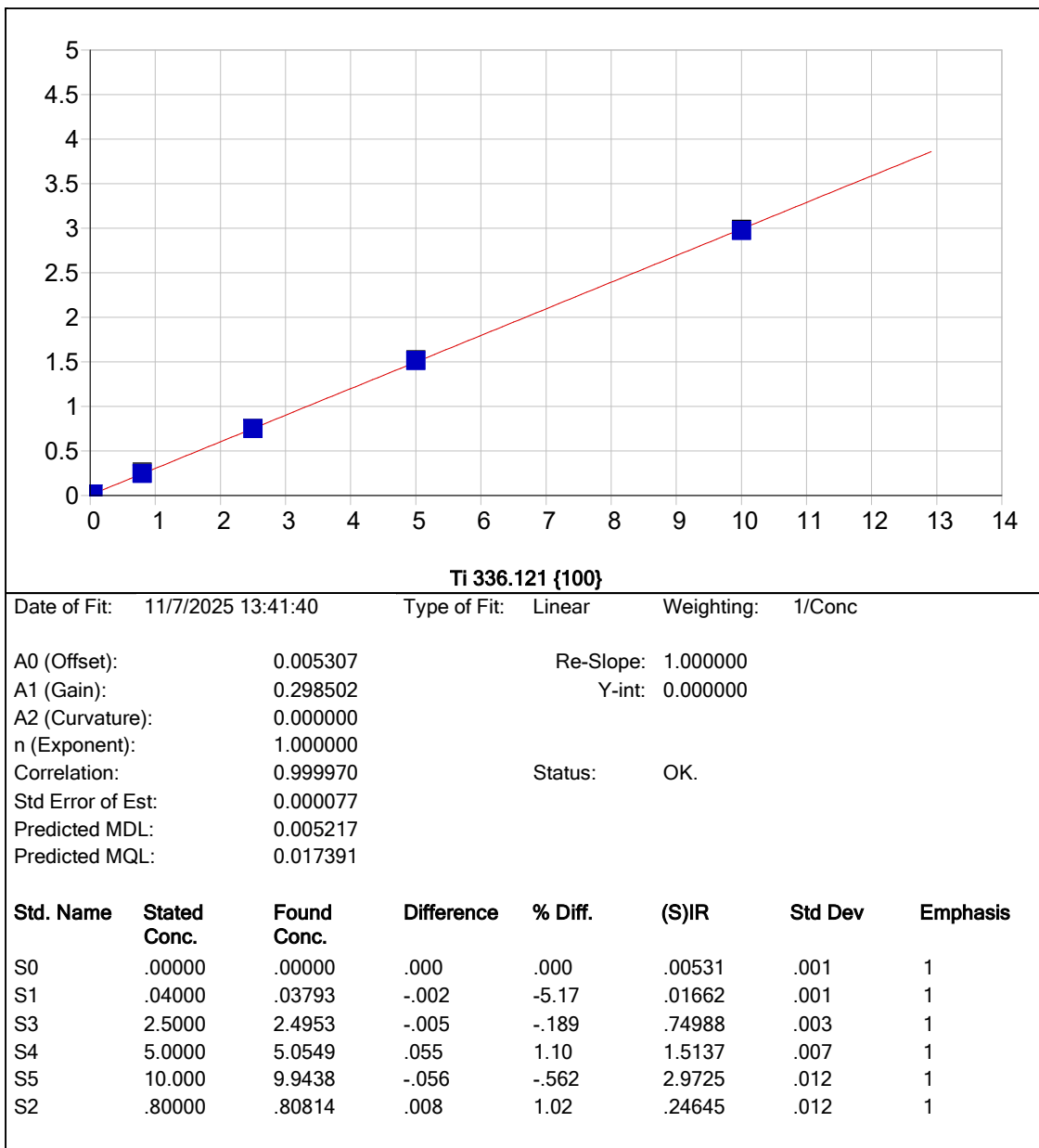


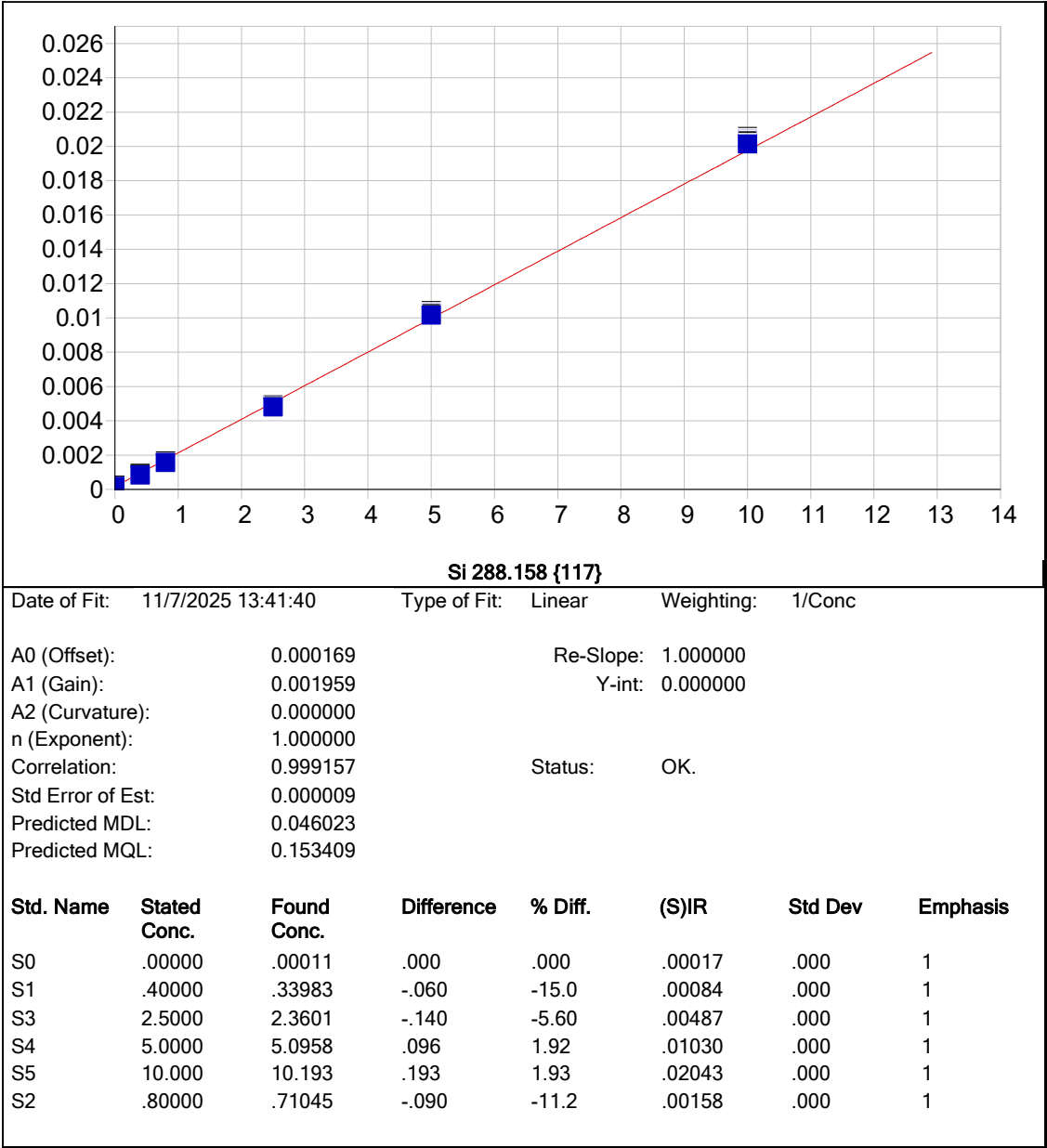
Sn 189.989 {478}

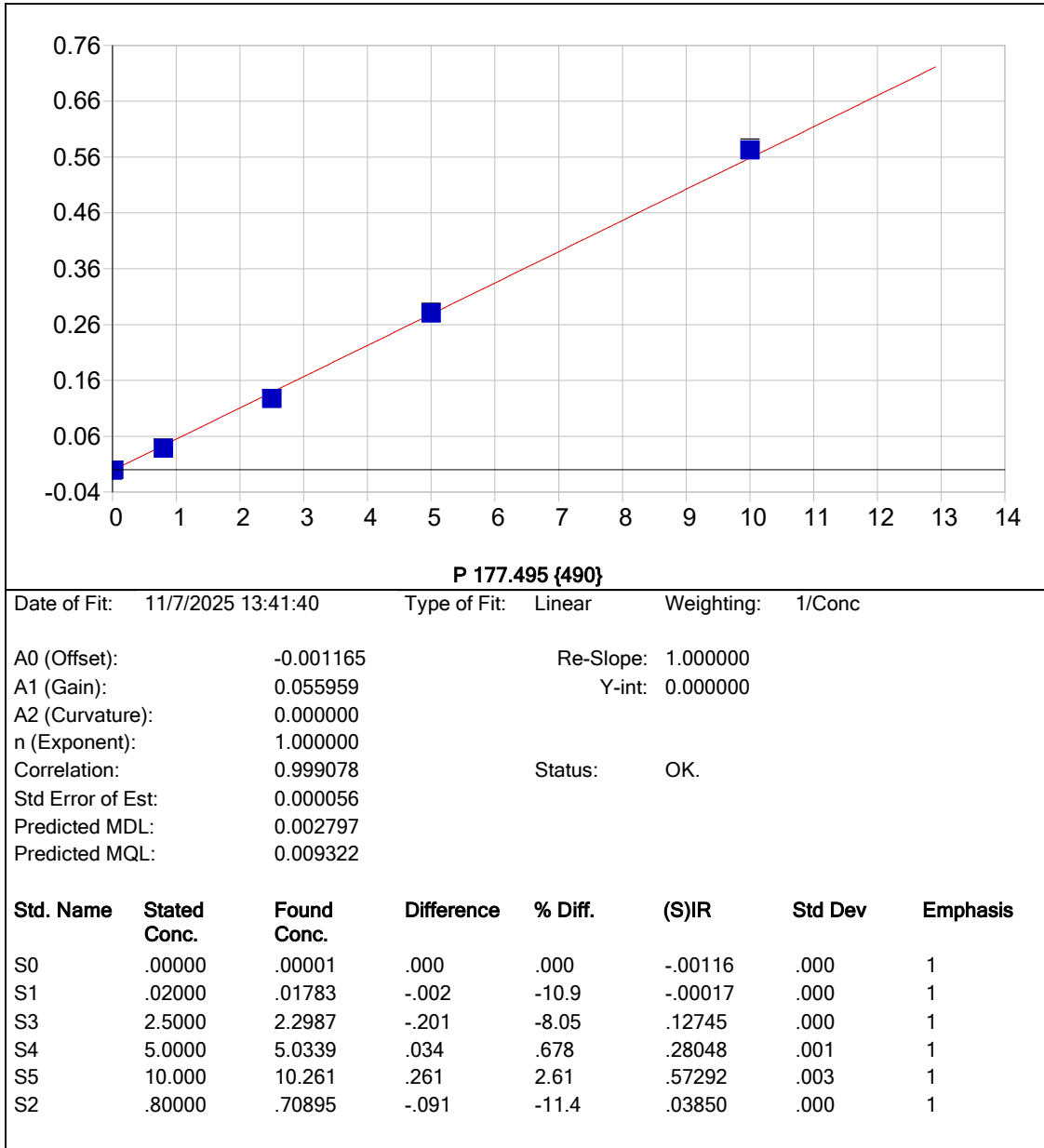
Date of Fit: 11/7/2025 13:41:40 Type of Fit: Linear Weighting: 1/Conc

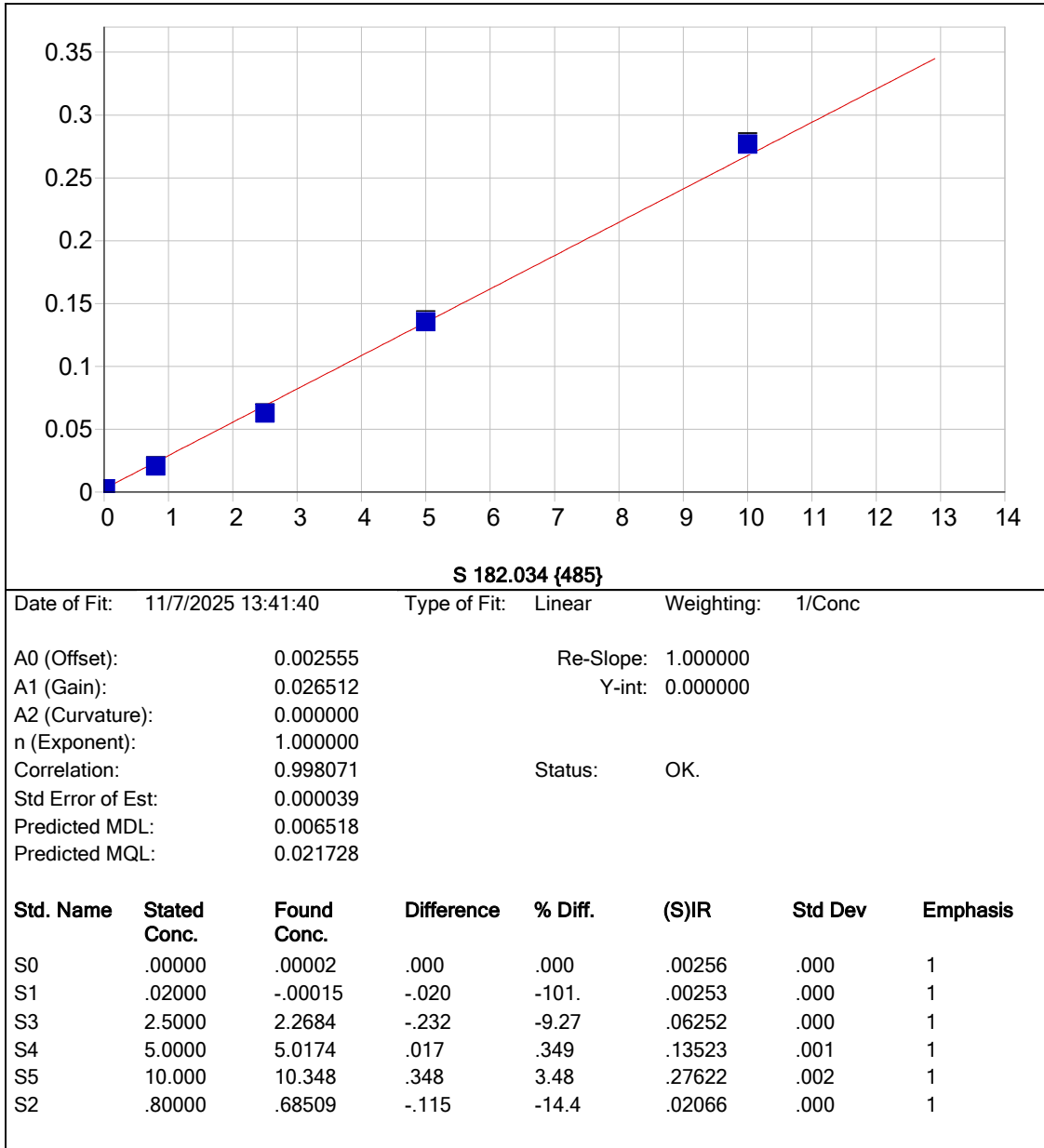
A0 (Offset): 0.001585 Re-Slope: 1.000000
A1 (Gain): 0.164237 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999573 Status: OK.
Std Error of Est: 0.000159
Predicted MDL: 0.001193
Predicted MQL: 0.003977

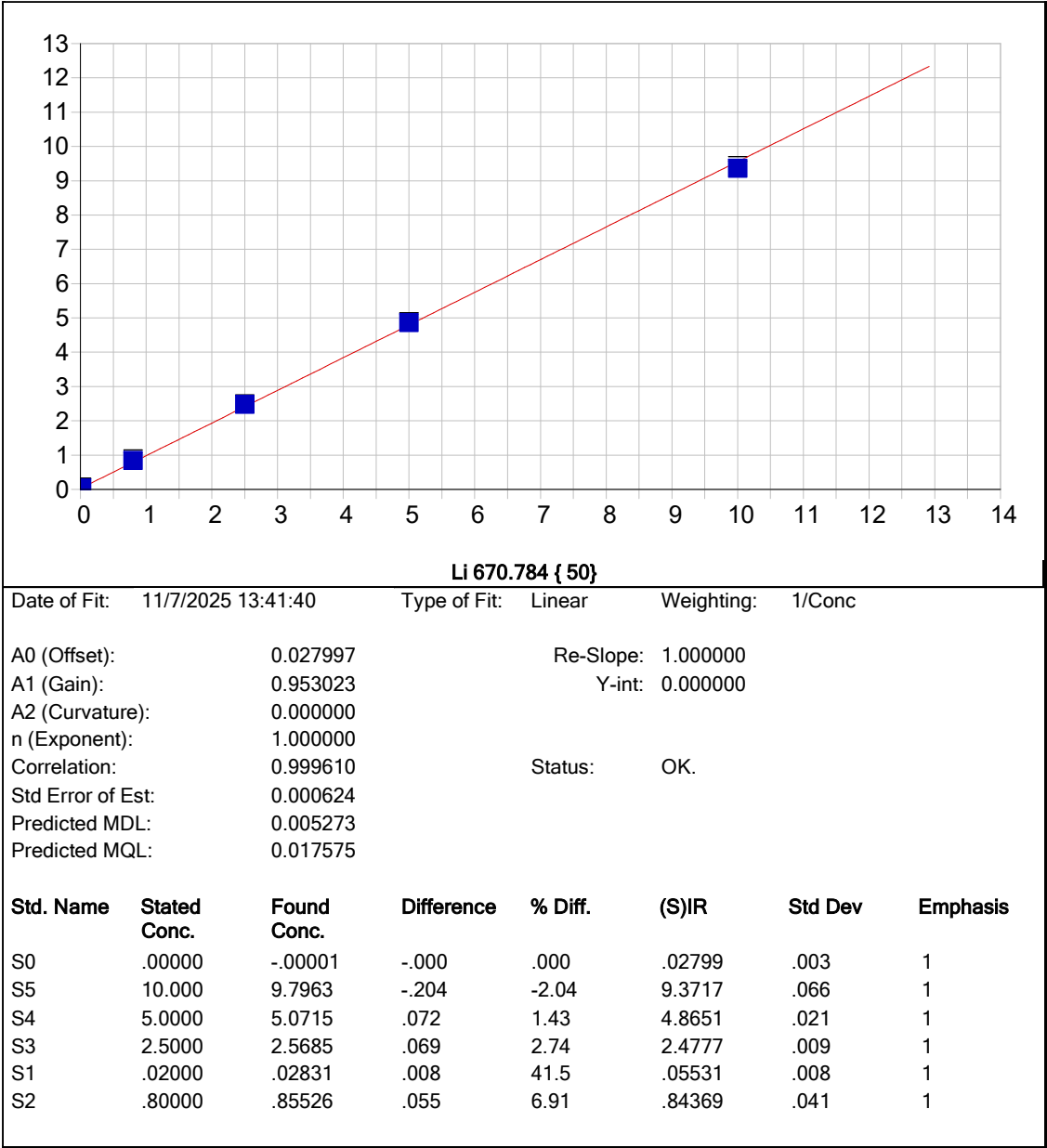
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00159	.000	1
S1	.04000	.03691	-.003	-7.71	.00764	.000	1
S3	2.5000	2.3681	-.132	-5.28	.39010	.001	1
S4	5.0000	5.0697	.070	1.39	.83337	.004	1
S5	10.000	10.133	.133	1.33	1.6641	.005	1
S2	.80000	.73251	-.067	-8.44	.12176	.000	1

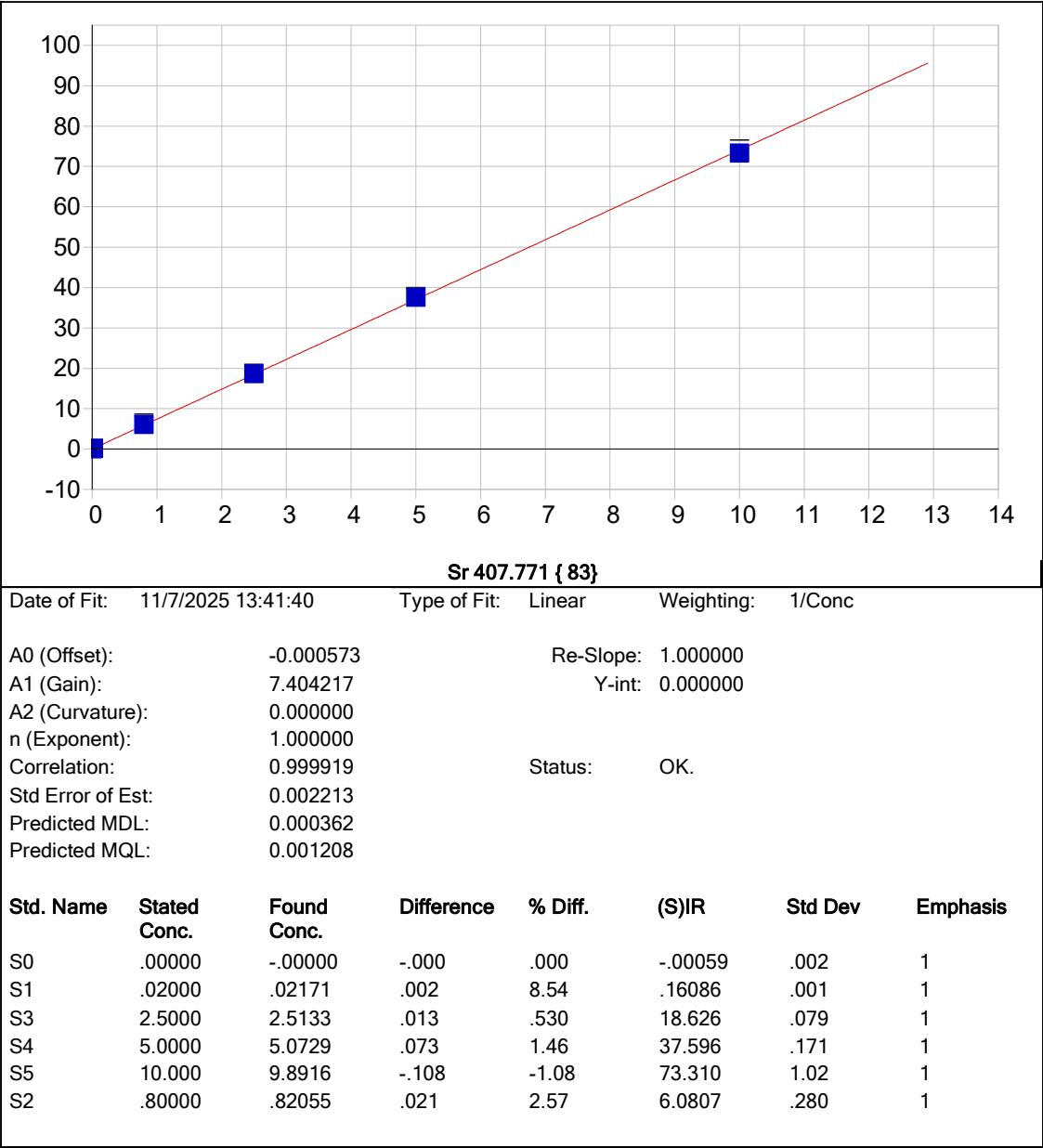


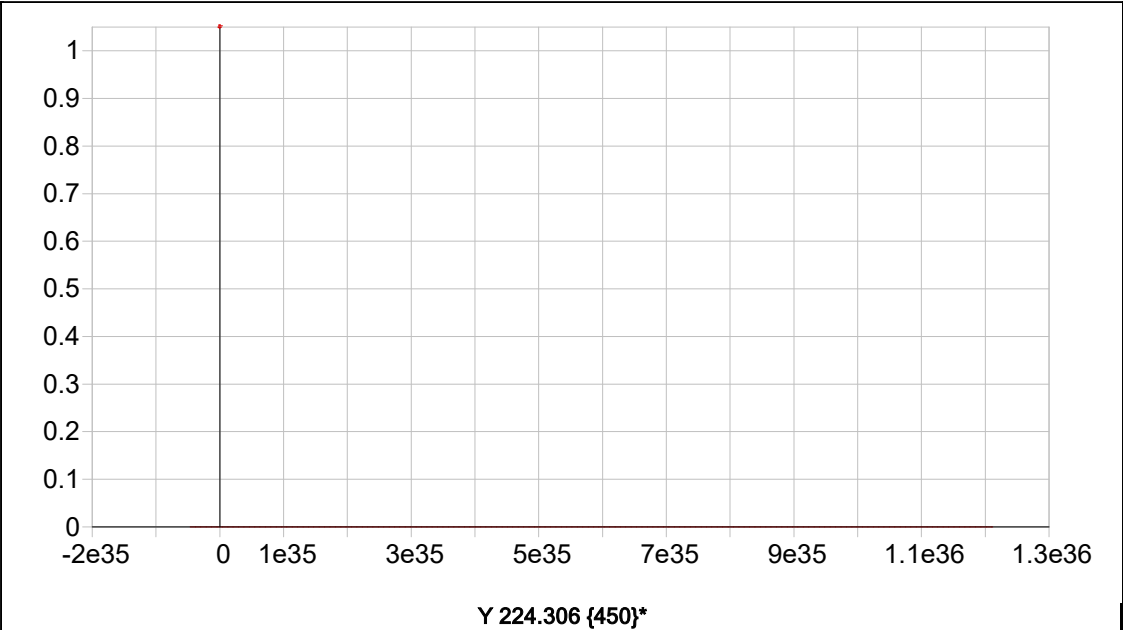






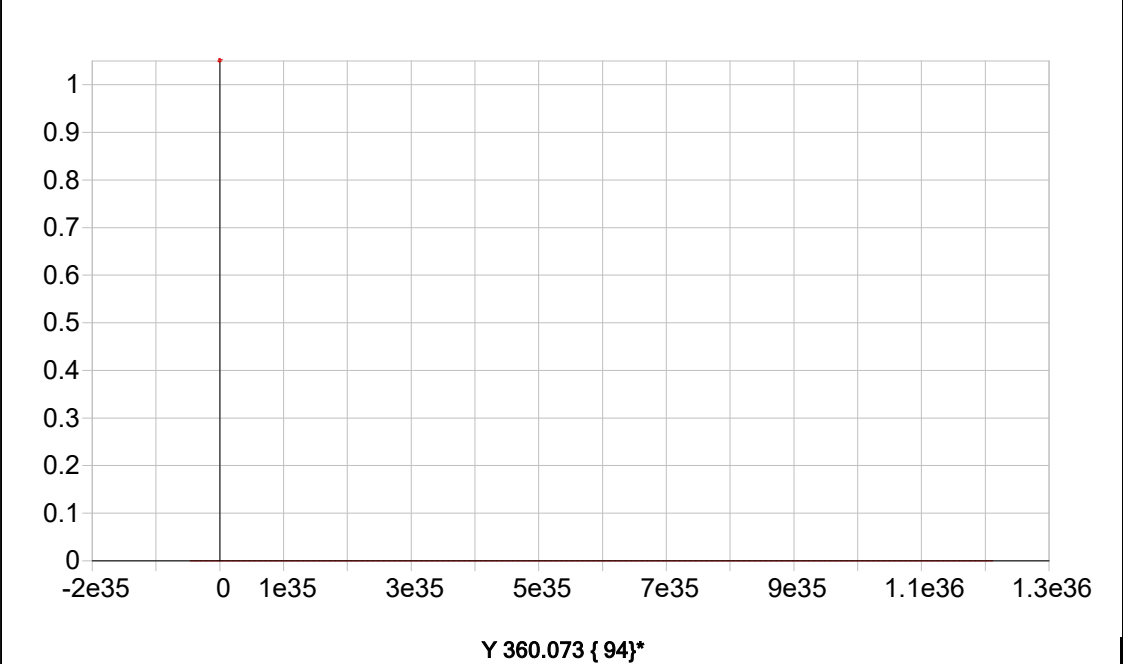




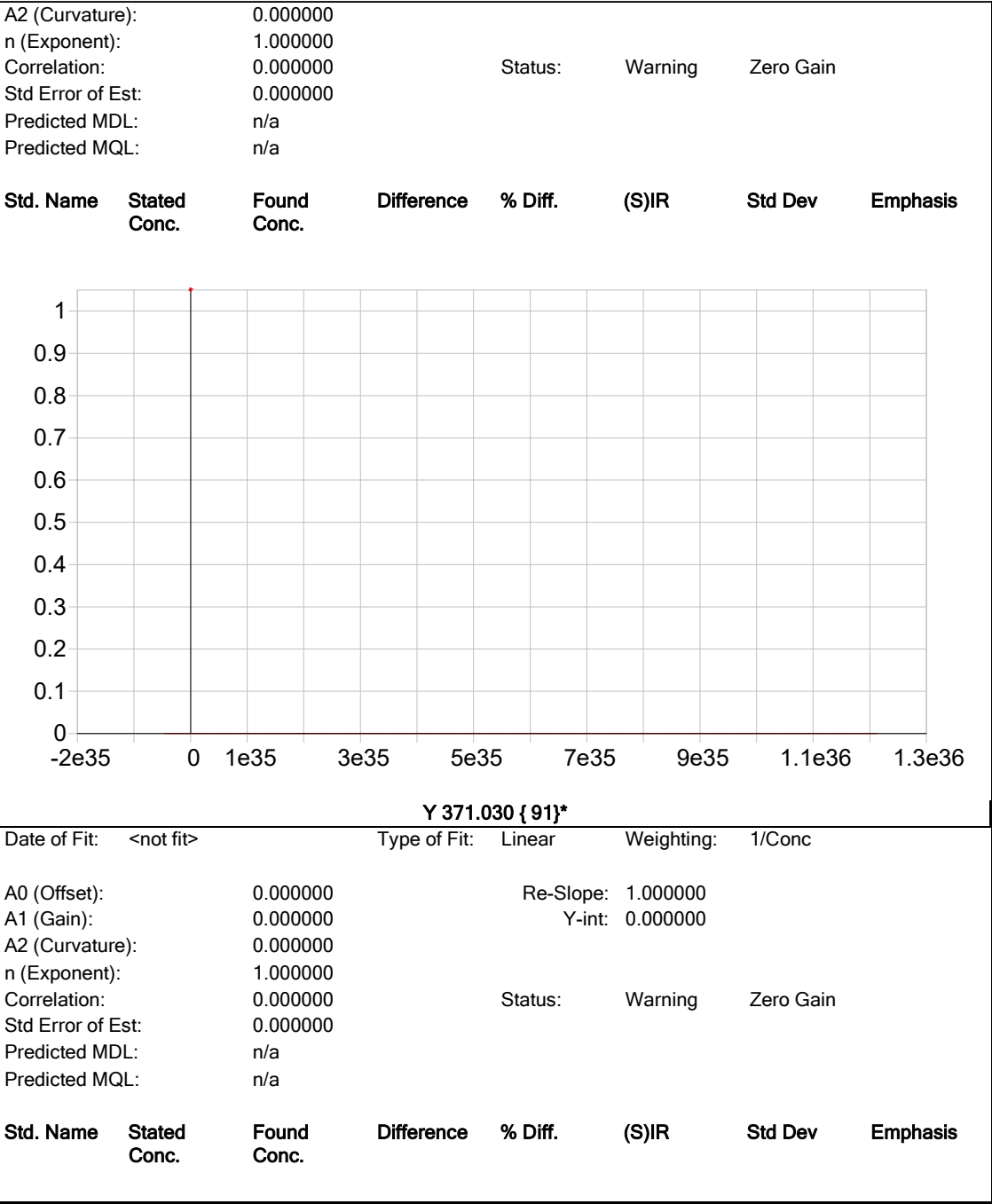


Date of Fit:	11/7/2025 13:41:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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



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

Sample Name: S0 Acquired: 11/7/2025 12:54:22 Type: Cal
Method: 6010-200.7 NEW(v344) 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	-.00000	.00215	.00068	.00131	.00223	-.00219	.20835	-.00156
Stddev	.00025	.00018	.00044	.00014	.00042	.00302	.00158	.00062
%RSD	51937.	8.4144	64.696	10.473	18.692	137.82	.75668	39.816
#1	-.00010	.00211	.00109	.00116	.00265	-.00471	.21002	-.00218
#2	-.00018	.00198	.00073	.00134	.00221	-.00303	.20689	-.00094
#3	.00028	.00234	.00022	.00143	.00182	.00116	.20815	-.00156
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	-.00059	.00005	.00027	.00046	.00116	.00001	.00008	.00024
Stddev	.00008	.00193	.00006	.00008	.00055	.00002	.00064	.00077
%RSD	14.025	3859.4	21.083	18.445	47.747	172.31	756.51	320.14
#1	-.00050	.00035	.00025	.00044	.00122	.00002	.00074	.00060
#2	-.00063	-.00201	.00022	.00055	.00167	.00004	.00005	.00078
#3	-.00066	.00181	.00033	.00039	.00057	-.00001	-.00054	-.00065
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	-.00162	-.00094	.00095	-.00084	.00804	-.00514	.02856	.00117
Stddev	.00032	.00019	.00024	.00087	.00201	.00053	.00218	.00038
%RSD	19.587	20.164	24.666	103.48	24.933	10.236	7.6412	31.981
#1	-.00129	-.00090	.00075	-.00129	.00608	-.00549	.02975	.00088
#2	-.00192	-.00077	.00121	.00016	.00795	-.00454	.02605	.00105
#3	-.00165	-.00114	.00090	-.00138	.01009	-.00541	.02990	.00160
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	.00159	.00531	.00017	-.00116	.00256	.02799	-.00059	
Stddev	.00014	.00064	.00006	.00003	.00005	.00322	.00186	
%RSD	8.8132	12.126	36.300	2.3717	2.0881	11.490	314.97	
#1	.00161	.00600	.00020	-.00116	.00260	.03043	-.00159	
#2	.00143	.00473	.00010	-.00114	.00257	.02919	.00156	
#3	.00171	.00520	.00021	-.00120	.00250	.02434	-.00174	

Sample Name: S0 Acquired: 11/7/2025 12:54:22 Type: Cal
Method: 6010-200.7 NEW(v344) 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	3060.1	44628.	2473.2	2383.5	3823.7
Stddev	4.9	363.	5.0	21.7	3.7
%RSD	.16031	.81288	.20056	.91141	.09667
#1	3055.5	44996.	2472.9	2408.6	3819.5
#2	3065.3	44618.	2478.3	2372.0	3826.3
#3	3059.6	44270.	2468.3	2370.0	3825.4

Sample Name: S1 Acquired: 11/7/2025 12:58:44 Type: Cal
Method: 6010-200.7 NEW(v344) 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	.00104	.00460	.00337	.00217	.00668	.00581	.41978	.08791
Stddev	.00011	.00026	.00043	.00012	.00035	.00301	.01477	.00263
%RSD	10.520	5.6669	12.860	5.3240	5.2876	51.852	3.5185	2.9974
#1	.00109	.00484	.00310	.00204	.00658	.00763	.42058	.08606
#2	.00112	.00464	.00314	.00224	.00639	.00233	.40463	.08673
#3	.00092	.00433	.00387	.00225	.00708	.00746	.43414	.09092
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	.01833	.13257	.00258	.03150	.01589	.00021	.00997	.03053
Stddev	.00046	.00190	.00010	.00027	.00057	.00006	.00087	.00033
%RSD	2.5196	1.4365	3.8763	.85076	3.5855	30.447	8.7431	1.0758
#1	.01852	.13078	.00260	.03124	.01580	.00028	.00912	.03078
#2	.01780	.13238	.00247	.03148	.01650	.00016	.00994	.03066
#3	.01866	.13457	.00266	.03177	.01537	.00019	.01086	.03016
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	.02278	.00101	.01215	.00507	.10593	.00066	.16119	.13003
Stddev	.00031	.00020	.00035	.00058	.00200	.00031	.00363	.00035
%RSD	1.3742	20.172	2.8711	11.403	1.8854	46.959	2.2544	.26887
#1	.02243	.00119	.01184	.00509	.10378	.00067	.15874	.13043
#2	.02301	.00079	.01252	.00563	.10773	.00097	.15948	.12988
#3	.02292	.00104	.01208	.00448	.10628	.00035	.16537	.12978
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	.00764	.01662	.00084	-.00017	.00253	.05531	.16086	
Stddev	.00006	.00119	.00008	.00018	.00020	.00849	.00057	
%RSD	.72824	7.1425	9.5993	107.98	7.7916	15.353	.35639	
#1	.00770	.01747	.00089	-.00036	.00273	.04843	.16048	
#2	.00764	.01526	.00088	-.00002	.00253	.06480	.16059	
#3	.00759	.01712	.00074	-.00012	.00233	.05270	.16152	

Sample Name: S1 Acquired: 11/7/2025 12:58:44 Type: Cal
Method: 6010-200.7 NEW(v344) 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	3121.1	46157.	2435.7	2474.5	3883.7
Stddev	12.3	49.	47.2	13.4	7.5
%RSD	.39466	.10539	1.9379	.54190	.19358
#1	3107.1	46145.	2454.0	2477.6	3875.3
#2	3125.7	46210.	2471.1	2459.9	3885.7
#3	3130.4	46115.	2382.1	2486.2	3889.9

Sample Name: S2 Acquired: 11/7/2025 13:03:04 Type: Cal
Method: 6010-200.7 NEW(v344) 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	.03856	.04127	.16404	.03274	.07089	.15009	3.7547	.57541
Stddev	.00035	.00178	.00027	.00005	.00042	.00440	.1699	.02120
%RSD	.91770	4.3088	.16691	.16696	.59233	2.9346	4.5237	3.6842

#1	.03870	.04332	.16377	.03276	.07048	.15514	3.9498	.59986
#2	.03883	.04007	.16432	.03278	.07132	.14806	3.6752	.56430
#3	.03816	.04043	.16404	.03268	.07086	.14706	3.6393	.56208

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2227	.25553	.03658	.40449	.13770	.00140	.17857	.05737
Stddev	.0008	.01297	.00007	.00032	.00074	.00004	.00777	.00257
%RSD	.06978	5.0757	.18176	.07876	.53758	3.2043	4.3512	4.4757

#1	1.2230	.27017	.03654	.40430	.13685	.00145	.18752	.05959
#2	1.2218	.25095	.03665	.40431	.13818	.00140	.17473	.05797
#3	1.2234	.24547	.03653	.40486	.13807	.00136	.17348	.05456

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	.23254	.03907	.02197	.05263	.94744	.00591	1.0916	.51045
Stddev	.00057	.00008	.00046	.00218	.00382	.00031	.0405	.00017
%RSD	.24495	.20781	2.1136	4.1330	.40324	5.2279	3.7071	.03398

#1	.23193	.03899	.02147	.05475	.94450	.00587	1.1382	.51050
#2	.23305	.03907	.02239	.05274	.95176	.00562	1.0706	.51059
#3	.23265	.03915	.02206	.05040	.94606	.00623	1.0658	.51026

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	.12176	.24645	.00158	.03850	.02066	.84369	6.0807	
Stddev	.00012	.01237	.00007	.00002	.00027	.04070	.2796	
%RSD	.10255	5.0185	4.4585	.06201	1.3067	4.8246	4.5985	

#1	.12187	.26062	.00166	.03852	.02091	.89070	6.4014	
#2	.12178	.24092	.00152	.03850	.02070	.82007	5.9522	
#3	.12162	.23781	.00158	.03847	.02037	.82032	5.8883	

Sample Name: S2 Acquired: 11/7/2025 13:03:04 Type: Cal
Method: 6010-200.7 NEW(v344) 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	3083.4	45484.	2377.2	2453.1	3753.6
Stddev	12.0	63.	91.8	21.1	16.8
%RSD	.38920	.13822	3.8629	.86163	.44714
#1	3097.2	45446.	2272.2	2444.2	3772.9
#2	3077.4	45451.	2417.5	2437.8	3744.9
#3	3075.5	45557.	2442.1	2477.2	3742.9

Sample Name: S3 Acquired: 11/7/2025 13:07:16 Type: Cal
Method: 6010-200.7 NEW(v344) 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	.12090	.13266	.52063	.09846	.21499	.47421	11.163	1.7623
Stddev	.00019	.00271	.00147	.00057	.00036	.00354	.051	.0115
%RSD	.15400	2.0437	.28168	.57442	.16894	.74733	.45379	.65024

#1	.12111	.13522	.52110	.09857	.21524	.47072	11.107	1.7517
#2	.12080	.13295	.52181	.09897	.21515	.47781	11.175	1.7606
#3	.12078	.12982	.51899	.09785	.21457	.47408	11.206	1.7744

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	3.9009	.76724	.11541	1.2769	.42378	.00442	.54337	.17279
Stddev	.0079	.00600	.00082	.0019	.00147	.00001	.00126	.00139
%RSD	.20160	.78161	.71169	.14620	.34691	.16065	.23190	.80565

#1	3.9051	.76086	.11449	1.2787	.42377	.00442	.54235	.17176
#2	3.9058	.76813	.11569	1.2770	.42525	.00441	.54478	.17223
#3	3.8919	.77275	.11606	1.2750	.42231	.00442	.54299	.17437

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	.73691	.12278	.06466	.16500	2.9443	.02940	3.3121	1.5997
Stddev	.00105	.00031	.00046	.00224	.0105	.00019	.0140	.0046
%RSD	.14205	.25452	.71417	1.3590	.35689	.63992	.42202	.28574

#1	.73701	.12242	.06413	.16305	2.9326	.02951	3.2960	1.6022
#2	.73791	.12295	.06494	.16449	2.9475	.02918	3.3196	1.6025
#3	.73582	.12298	.06492	.16745	2.9529	.02950	3.3208	1.5944

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	.39010	.74988	.00487	.12745	.06252	2.4777	18.626
Stddev	.00062	.00280	.00006	.00024	.00016	.0089	.079
%RSD	.15869	.37325	1.1398	.18933	.26233	.36079	.42325

#1	.39023	.74690	.00492	.12731	.06251	2.4715	18.545
#2	.39063	.75245	.00481	.12773	.06269	2.4738	18.629
#3	.38942	.75030	.00487	.12730	.06236	2.4880	18.703

Sample Name: S3 Acquired: 11/7/2025 13:07:16 Type: Cal
Method: 6010-200.7 NEW(v344) 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	3095.9	45021.	2410.4	2428.4	3673.9
Stddev	9.3	114.	3.4	2.4	11.1
%RSD	.30163	.25339	.14072	.09863	.30336
#1	3087.3	44890.	2407.4	2430.3	3661.6
#2	3094.6	45098.	2414.1	2429.2	3676.8
#3	3105.8	45076.	2409.6	2425.7	3683.3

Sample Name: S4 Acquired: 11/7/2025 13:11:21 Type: Cal
Method: 6010-200.7 NEW(v344) 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	.25646	.27714	1.1021	.20604	.44792	.96011	22.278	3.5855
Stddev	.00066	.01221	.0042	.00082	.00082	.00489	.086	.0067
%RSD	.25710	4.4047	.37902	.39905	.18196	.50901	.38708	.18839

#1	.25581	.26304	1.1031	.20582	.44814	.95980	22.297	3.5781
#2	.25713	.28400	1.1058	.20696	.44860	.96515	22.353	3.5871
#3	.25644	.28437	1.0976	.20536	.44702	.95539	22.184	3.5913

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	8.3745	1.5749	.24207	2.7014	.86967	.00912	1.0840	.35546
Stddev	.0228	.0094	.00086	.0073	.00294	.00005	.0040	.00264
%RSD	.27278	.59818	.35507	.27182	.33817	.53324	.37172	.74188

#1	8.3842	1.5757	.24301	2.7064	.87179	.00909	1.0865	.35387
#2	8.3910	1.5840	.24132	2.7050	.87090	.00917	1.0861	.35851
#3	8.3485	1.5652	.24188	2.6930	.86631	.00908	1.0794	.35402

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	1.5629	.25703	.13182	.34048	6.0923	.06816	6.6651	3.2969
Stddev	.0052	.00085	.00071	.00220	.0337	.00085	.0059	.0078
%RSD	.33014	.33128	.53756	.64594	.55347	1.2538	.08829	.23636

#1	1.5670	.25777	.13185	.33941	6.1209	.06764	6.6681	3.3021
#2	1.5647	.25721	.13251	.34301	6.1009	.06915	6.6583	3.3007
#3	1.5571	.25610	.13110	.33902	6.0552	.06770	6.6690	3.2879

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	.83337	1.5137	.01030	.28048	.13523	4.8651	37.596	
Stddev	.00375	.0069	.00011	.00101	.00141	.0207	.171	
%RSD	.44959	.45327	1.1022	.36164	1.0391	.42625	.45461	

#1	.83487	1.5161	.01025	.28012	.13460	4.8689	37.690	
#2	.83614	1.5189	.01043	.28163	.13684	4.8836	37.698	
#3	.82911	1.5059	.01022	.27970	.13425	4.8427	37.398	

Sample Name: S4 Acquired: 11/7/2025 13:11:21 Type: Cal
Method: 6010-200.7 NEW(v344) 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	2948.2	42494.	2383.6	2280.4	3388.4
Stddev	14.7	143.	2.1	9.5	14.1
%RSD	.49865	.33580	.08722	.41504	.41724
#1	2959.7	42400.	2381.7	2269.8	3401.2
#2	2953.2	42425.	2385.8	2283.2	3390.7
#3	2931.6	42658.	2383.4	2288.1	3373.2

Sample Name: S5 Acquired: 11/7/2025 13:15:21 Type: Cal
Method: 6010-200.7 NEW(v344) 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	.50895	.50708	2.2242	.40583	.88121	1.8827	43.586	6.9709
Stddev	.00074	.01548	.0064	.00079	.00099	.0145	.265	.0559
%RSD	.14579	3.0531	.28955	.19388	.11290	.77025	.60907	.80245

#1	.50813	.49929	2.2243	.40495	.88006	1.8946	43.843	7.0299
#2	.50957	.49704	2.2177	.40609	.88174	1.8666	43.313	6.9186
#3	.50914	.52491	2.2306	.40646	.88182	1.8868	43.601	6.9644

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	16.915	3.0781	.46849	5.4297	1.6891	.01814	2.1202	.69155
Stddev	.047	.0130	.00266	.0149	.0029	.00004	.0082	.00370
%RSD	.27917	.42073	.56855	.27490	.17213	.24439	.38496	.53463

#1	16.908	3.0888	.47142	5.4273	1.6859	.01815	2.1295	.69549
#2	16.871	3.0637	.46785	5.4161	1.6900	.01819	2.1140	.68816
#3	16.965	3.0819	.46621	5.4457	1.6915	.01810	2.1172	.69101

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	3.1335	.50856	.26338	.66897	11.918	.14087	13.097	6.4002
Stddev	.0079	.00104	.00067	.00173	.005	.00070	.091	.0118
%RSD	.25192	.20359	.25405	.25814	.03992	.49659	.69311	.18467

#1	3.1329	.50973	.26408	.67092	11.921	.14134	13.191	6.3874
#2	3.1259	.50822	.26331	.66761	11.913	.14119	13.010	6.4108
#3	3.1416	.50774	.26275	.66840	11.921	.14006	13.089	6.4023

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	1.6641	2.9725	.02043	.57292	.27622	9.3717	73.310
Stddev	.0046	.0124	.00013	.00319	.00164	.0655	1.021
%RSD	.27865	.41634	.63101	.55756	.59345	.69915	1.3932

#1	1.6622	2.9862	.02029	.57076	.27493	9.4340	74.486
#2	1.6607	2.9621	.02053	.57140	.27566	9.3034	72.802
#3	1.6694	2.9691	.02049	.57659	.27807	9.3776	72.643

Sample Name: S5 Acquired: 11/7/2025 13:15:21 Type: Cal
Method: 6010-200.7 NEW(v344) 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	2979.9	42513.	2425.8	2300.5	3307.6
Stddev	9.7	256.	19.1	5.7	9.8
%RSD	.32645	.60136	.78724	.24979	.29735
#1	2973.5	42297.	2404.5	2294.2	3296.3
#2	2975.1	42447.	2441.2	2305.6	3314.2
#3	2991.1	42795.	2431.9	2301.6	3312.4

Sample Name: ICV01 Acquired: 11/7/2025 13:19:25 Type: Unk
Method: 6010-200.7 NEW(v344) 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	3.908644	4.002013	4.157232	3.958012	4.045121	7.922067
Stddev	.010685	.122930	.018037	.004395	.018804	.074724
%RSD	.2733644	3.071692	.4338820	.1110300	.4648538	.9432331

#1	3.911046	3.883442	4.176280	3.955366	4.046163	7.974485
#2	3.917923	3.993718	4.140412	3.963085	4.063382	7.955212
#3	3.896962	4.128880	4.155003	3.955585	4.025817	7.836504

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.963029	.2060430	1.914168	19.70816	.8027790	1.965583
Stddev	.086151	.0010756	.006397	.21080	.0019593	.006493
%RSD	1.081891	.5220309	.3341926	1.069596	.2440708	.3303251

#1	8.017614	.2060336	1.919956	19.83516	.8005166	1.970480
#2	8.007761	.2071232	1.907300	19.82450	.8038993	1.958218
#3	7.863713	.2049721	1.915249	19.46483	.8039212	1.968051

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022190	3.963239	1.996135	19.70693	1.970549	1.000060
Stddev	.002155	.012411	.020195	.16195	.003813	.001863
%RSD	.2108185	.3131450	1.011704	.8217784	.1935063	.1862749

#1	1.023285	3.977559	2.010238	19.75269	1.974122	.998947
#2	1.023577	3.955601	2.005167	19.84108	1.966534	1.002211
#3	1.019707	3.956557	1.973000	19.52703	1.970991	.999023

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.94716	1.982391	1.989381	19.49752	3.979718	3.958927
Stddev	.09935	.019600	.007830	.24910	.022837	.006288
%RSD	.4980499	.9886930	.3935892	1.277594	.5738233	.1588260

#1	20.05184	2.002211	1.980408	19.78515	3.986952	3.960642
#2	19.93547	1.981941	1.994826	19.35539	3.998061	3.964179
#3	19.85418	1.963020	1.992909	19.35202	3.954141	3.951959

Sample Name: ICV01 Acquired: 11/7/2025 13:19:25 Type: Unk
Method: 6010-200.7 NEW(v344) 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	3.891573	3.995662	3.827268	F .0076193	F .0208879	F -.009575
Stddev	.010860	.038171	.031418	.0054926	.0062367	.006214
%RSD	.2790692	.9553225	.8208893	72.08864	29.85811	64.89773
#1	3.900501	4.025628	3.794388	.0114843	.0274680	-.014682
#2	3.879482	4.008672	3.830432	.0013319	.0150633	-.011388
#3	3.894735	3.952686	3.856984	.0100416	.0201325	-.002657

Elem	Sr4077
Units	ppm
Avg	F -.002590
Stddev	.000183
%RSD	7.074657
#1	-.002766
#2	-.002400
#3	-.002604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.551	43657.81	2422.056	2381.569	3531.090
Stddev	23.120	159.27	19.863	5.341	17.017
%RSD	.7636461	.3648043	.8200842	.2242480	.4819259
#1	3047.380	43768.00	2422.300	2387.352	3549.862
#2	3002.156	43475.20	2402.072	2376.822	3516.676
#3	3033.116	43730.23	2441.796	2380.533	3526.731

Sample Name: LLICV01 Acquired: 11/7/2025 13:36:26 Type: Unk
Method: 6010-200.7 NEW(v344) 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	.0192824	.0472378	.0125234	.0232251	.0533419	.1168208
Stddev	.0033913	.0035764	.0025092	.0042891	.0033974	.0225718
%RSD	17.58759	7.571139	20.03623	18.46752	6.369062	19.32173

#1	.0188135	.0504121	.0098994	.0220407	.0505461	.1363343
#2	.0228837	.0433629	.0127715	.0196527	.0523567	.1220276
#3	.0161499	.0479384	.0148994	.0279820	.0571231	.0921007

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1025598	.0066919	.0058833	2.124187	.0098948	.0305371
Stddev	.0035062	.0000723	.0001624	.044693	.0008869	.0003019
%RSD	3.418659	1.081007	2.759998	2.103988	8.962952	.9887937

#1	.1065942	.0067092	.0057761	2.146548	.0098799	.0303310
#2	.1002489	.0067541	.0060701	2.072727	.0107891	.0308837
#3	.1008364	.0066125	.0058036	2.153286	.0090155	.0303965

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226684	.0955573	.0233462	2.129450	.0421403	.0089925
Stddev	.0007323	.0104089	.0030302	.035884	.0006289	.0001517
%RSD	3.230485	10.89284	12.97940	1.685127	1.492330	1.687097

#1	.0233997	.1025543	.0238122	2.165375	.0419642	.0089191
#2	.0226704	.0835955	.0201100	2.093607	.0416183	.0088915
#3	.0219351	.1005220	.0261165	2.129367	.0428385	.0091670

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.045425	.0459649	.0427930	1.970225	.1007714	.2034806
Stddev	.056203	.0135456	.0001157	.024424	.0002934	.0006413
%RSD	2.747718	29.46941	.2703632	1.239655	.2911308	.3151727

#1	1.980997	.0339634	.0427893	1.996559	.1005108	.2028335
#2	2.070891	.0432792	.0429105	1.948317	.1007143	.2034925
#3	2.084386	.0606522	.0426793	1.965798	.1010891	.2041159

Sample Name: LLICV01 Acquired: 11/7/2025 13:36:26 Type: Unk
Method: 6010-200.7 NEW(v344) 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	.0389728	.0347401	.3798338	.0186173	F .0118879	.0219540
Stddev	.0003801	.0025058	.0180345	.0019269	.0039124	.0074934
%RSD	.9752564	7.213043	4.747985	10.34993	32.91059	34.13226
#1	.0391612	.0336119	.3642669	.0170668	.0085631	.0289893
#2	.0392219	.0376116	.3995962	.0207745	.0109016	.0227986
#3	.0385353	.0329967	.3756383	.0180106	.0161991	.0140741

Elem	Sr4077
Units	ppm
Avg	.0211162
Stddev	.0001744
%RSD	.8260724
#1	.0209148
#2	.0212219
#3	.0212117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.499	43712.76	2461.052	2366.682	3734.058
Stddev	2.417	93.71	15.957	9.615	6.217
%RSD	.0791902	.2143662	.6483988	.4062699	.1664864
#1	3051.384	43744.36	2479.468	2374.922	3734.965
#2	3055.273	43607.34	2452.356	2356.118	3739.772
#3	3050.841	43786.58	2451.331	2369.007	3727.438

Sample Name: ICB01 Acquired: 11/7/2025 13:42:41 Type: Unk
Method: 6010-200.7 NEW(v345) 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	-.000301	.0035206	.0009542	-.005274	-.002559	-.005594
Stddev	.001932	.0023088	.0029046	.011872	.003551	.025778
%RSD	640.8872	65.58080	304.4060	225.0876	138.7587	460.8503

#1	-.002380	.0061754	.0030844	.003245	-.000344	-.034599
#2	.001438	.0019817	-.002354	-.000233	-.006654	.014699
#3	.000039	.0024046	.002133	-.018835	-.000678	.003120

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009564	-.000158	-.000210	-.013688	-.000681	-.000186
Stddev	.001147	.000130	.000104	.015396	.001059	.000447
%RSD	11.99604	82.62098	49.47972	112.4834	155.5104	240.6277

#1	-.010079	-.000073	-.000256	-.003220	-.001880	-.000664
#2	-.008249	-.000307	-.000283	-.006476	.000124	-.000114
#3	-.010364	-.000093	-.000091	-.031366	-.000286	.000221

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004026	.0143835	.0008483	-.041396	.0001676	-.001956
Stddev	.0002208	.0154083	.0001897	.035577	.0009891	.001395
%RSD	54.82489	107.1248	22.36132	85.94253	590.3133	71.34553

#1	.0004486	.0290530	.0009805	-.072296	-.000951	-.002772
#2	.0005968	-.001670	.0009336	-.049389	.000526	-.000345
#3	.0001625	.015768	.0006310	-.002503	.000928	-.002751

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201972	.0085856	.0019796	-.319442	-.006480	-.000423
Stddev	.036191	.0073478	.0001560	.041623	.001610	.000579
%RSD	17.91886	85.58294	7.882321	13.02983	24.84034	137.1013

#1	-.214340	.0161771	.0018946	-.271741	-.005620	-.000079
#2	-.230357	.0080711	.0021597	-.338202	-.008337	-.001091
#3	-.161218	.0015086	.0018845	-.348384	-.005483	-.000097

Sample Name: ICB01 Acquired: 11/7/2025 13:42:41 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.0076870	-.001433	-.034501	.0020993	F -.021380	-.001986
Stddev	.0014656	.005035	.011742	.0019759	.006348	.005064
%RSD	19.06624	351.3176	34.03364	94.12150	29.69265	254.9419
#1	.0062995	.002985	-.046811	.0000191	-.019072	.002224
#2	.0092199	-.006914	-.033266	.0039511	-.016509	-.007605
#3	.0075416	-.000370	-.023425	.0023278	-.028560	-.000577

Elem	Sr4077
Units	ppm
Avg	-.000320
Stddev	.000176
%RSD	55.09864
#1	-.000117
#2	-.000431
#3	-.000413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.375	45386.51	2404.606	2452.576	3879.147
Stddev	7.463	159.73	19.239	19.770	3.683
%RSD	.2406279	.3519387	.8000923	.8060810	.0949470
#1	3092.872	45329.64	2417.139	2448.732	3877.892
#2	3106.837	45566.90	2414.224	2473.986	3883.294
#3	3104.416	45263.00	2382.454	2435.011	3876.256

Sample Name: CRI01 Acquired: 11/7/2025 13:46:58 Type: Unk
Method: 6010-200.7 NEW(v345) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205865	.0467963	.0131305	.0157840	.0527653	.0795758
Stddev	.0041262	.0048642	.0013336	.0036422	.0057710	.0173864
%RSD	20.04316	10.39442	10.15674	23.07508	10.93717	21.84882

#1	.0229502	.0472109	.0134526	.0199888	.0462504	.0613905
#2	.0229872	.0514399	.0142735	.0136121	.0572358	.0813026
#3	.0158220	.0417381	.0116653	.0137511	.0548097	.0960344

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946691	.0063275	.0056838	2.063706	.0098519	.0293540
Stddev	.0023797	.0000891	.0000648	.037809	.0005001	.0003666
%RSD	2.513672	1.408723	1.140360	1.832069	5.076428	1.249079

#1	.0950437	.0062349	.0056848	2.099416	.0103328	.0289325
#2	.0921243	.0063349	.0056185	2.024101	.0093345	.0295993
#3	.0968392	.0064127	.0057481	2.067601	.0098885	.0295301

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210640	.1041751	.0216620	2.175210	.0403013	.0092811
Stddev	.0007944	.0156785	.0010217	.105324	.0007571	.0005295
%RSD	3.771152	15.05018	4.716712	4.842027	1.878559	5.705284

#1	.0217061	.0935565	.0224160	2.277658	.0394316	.0098526
#2	.0201757	.1221828	.0204992	2.067227	.0406590	.0091838
#3	.0213102	.0967859	.0220709	2.180746	.0408133	.0088070

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.961708	.0428036	.0410987	1.900326	.0955094	.1990747
Stddev	.069814	.0036779	.0005632	.085397	.0000761	.0006028
%RSD	3.558835	8.592549	1.370492	4.493827	.0796309	.3027987

#1	1.889631	.0459483	.0417427	1.930824	.0955014	.1997705
#2	1.966477	.0437031	.0406979	1.966288	.0954376	.1987427
#3	2.029014	.0387593	.0408556	1.803867	.0955891	.1987108

Sample Name: CRI01 Acquired: 11/7/2025 13:46:58 Type: Unk
Method: 6010-200.7 NEW(v345) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377655	.0397247	.3490352	.0167974	F -.000154	F .0284642
Stddev	.0021962	.0045940	.0594739	.0022166	.006684	.0016028
%RSD	5.815478	11.56452	17.03950	13.19591	4336.133	5.631081
#1	.0354309	.0425415	.3677461	.0155955	.004832	.0299765
#2	.0380751	.0422092	.2824559	.0193554	-.007749	.0267841
#3	.0397905	.0344235	.3969034	.0154414	.002454	.0286321

Elem	Sr4077
Units	ppm
Avg	.0212232
Stddev	.0002912
%RSD	1.372033
#1	.0214174
#2	.0213637
#3	.0208884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.892	46018.17	2485.371	2481.168	3826.007
Stddev	12.123	237.73	3.310	16.034	2.932
%RSD	.3906896	.5165939	.1331885	.6462283	.0766446
#1	3100.856	46237.75	2487.467	2490.578	3826.167
#2	3091.917	46051.04	2487.091	2490.272	3822.998
#3	3115.904	45765.72	2481.555	2462.655	3828.857

Sample Name: ICSA01 Acquired: 11/7/2025 13:51:10 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.0106405	.0166784	.0004185	-.009765	-.007059	271.5672
Stddev	.0029818	.0039527	.0040625	.008293	.001312	5.1927
%RSD	28.02284	23.69918	970.8309	84.93337	18.58108	1.912133

#1	.0140565	.0121162	.0025454	-.004348	-.005649	270.4456
#2	.0085597	.0190739	-.004266	-.005634	-.007284	277.2291
#3	.0093053	.0188452	.002976	-.019312	-.008243	267.0269

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039231	.0023427	-.001591	259.0768	.0529925	.0019153
Stddev	.0025963	.0000914	.000106	5.4560	.0008450	.0005556
%RSD	66.18025	3.900952	6.686034	2.105940	1.594499	29.00754

#1	.0030474	.0024335	-.001505	257.8671	.0523496	.0013579
#2	.0018779	.0023438	-.001710	265.0361	.0526783	.0024691
#3	.0068441	.0022508	-.001559	254.3271	.0539495	.0019190

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064166	106.0798	.0072290	269.3157	.0059581	.0031082
Stddev	.0007514	1.2021	.0011185	4.8646	.0005545	.0005408
%RSD	11.71069	1.133225	15.47243	1.806285	9.306078	17.40017

#1	.0056275	106.0356	.0073467	268.6015	.0064994	.0028480
#2	.0064988	107.3034	.0082840	274.4980	.0053913	.0027467
#3	.0071236	104.9004	.0060563	264.8477	.0059836	.0037300

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3402383	.0122508	.0024733	.4476928	.0890355	.0027189
Stddev	.0636641	.0078214	.0005131	.0634144	.0019500	.0002022
%RSD	18.71161	63.84416	20.74520	14.16471	2.190133	7.435066

#1	.2763785	.0176205	.0030557	.4903799	.0873411	.0024854
#2	.4037048	.0032771	.0020882	.4778734	.0885984	.0028370
#3	.3406315	.0158548	.0022758	.3748250	.0911669	.0028341

Sample Name: ICSA01 Acquired: 11/7/2025 13:51:10 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.0253386	-.006469	-.029378	F .0253043	.0128589	F -.020977
Stddev	.0008343	.004105	.032672	.0028743	.0017831	.003810
%RSD	3.292520	63.46750	111.2153	11.35874	13.86624	18.16447
#1	.0262810	-.006874	-.050184	.0254090	.0109284	-.024296
#2	.0246943	-.002175	.008280	.0223791	.0132044	-.016816
#3	.0250404	-.010356	-.046229	.0281248	.0144440	-.021818

Elem	Sr4077
Units	ppm
Avg	.0139895
Stddev	.0015157
%RSD	10.83462
#1	.0134799
#2	.0156943
#3	.0127943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.877	41317.29	2335.831	2261.604	3234.584
Stddev	7.683	51.24	29.676	10.935	8.764
%RSD	.2640455	.1240145	1.270483	.4835015	.2709436
#1	2915.185	41279.66	2344.389	2253.517	3237.492
#2	2901.066	41296.57	2302.816	2274.045	3224.736
#3	2913.378	41375.65	2360.287	2257.249	3241.525

Sample Name: ICSAB01 Acquired: 11/7/2025 13:55:19 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.1051733	.1184581	.0489279	.0403920	.6127306	251.3585
Stddev	.0021098	.0068010	.0017192	.0041593	.0055356	.8404
%RSD	2.006039	5.741304	3.513637	10.29735	.9034224	.3343424

#1	.1068516	.1163551	.0508763	.0372118	.6174563	252.1191
#2	.1028049	.1260622	.0482823	.0388652	.6066404	250.4563
#3	.1058635	.1129569	.0476250	.0450989	.6140952	251.5001

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4947227	.5155624	1.006533	239.7904	.5757707	.5049950
Stddev	.0016582	.0044702	.005701	.5385	.0013429	.0018622
%RSD	.3351782	.8670433	.5663546	.2245757	.2332296	.3687649

#1	.4950443	.5202023	1.000745	240.3016	.5773213	.5039710
#2	.4961965	.5112839	1.006712	239.2282	.5749863	.5038694
#3	.4929272	.5152009	1.012141	239.8413	.5750046	.5071445

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4978411	102.2996	.5063433	250.4842	1.006626	.2054659
Stddev	.0012242	1.0011	.0015236	.6188	.006027	.0005465
%RSD	.2459001	.9785852	.3008974	.2470576	.5987527	.2659736

#1	.4975169	101.5403	.5065902	250.4700	.999769	.2049864
#2	.4968116	103.4341	.5047113	249.8725	1.009020	.2053502
#3	.4991947	101.9244	.5077283	251.1099	1.011087	.2060609

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.310609	.5018588	1.038438	-.184355	1.052302	1.060811
Stddev	.098909	.0137307	.004537	.155269	.002988	.003302
%RSD	31.84358	2.735959	.4369440	84.22290	.2839940	.3112291

#1	-.424101	.5054196	1.040183	-.141838	1.055465	1.058245
#2	-.242788	.4866986	1.041843	-.054774	1.049526	1.059653
#3	-.264938	.5134583	1.033287	-.356455	1.051914	1.064536

Sample Name: ICSAB01 Acquired: 11/7/2025 13:55:19 Type: Unk
Method: 6010-200.7 NEW(v345) 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	1.062677	.9994663	1.044620	F .0054136	F -.018959	F -.031822
Stddev	.006429	.0048923	.007825	.0020751	.006831	.006596
%RSD	.6049913	.4894918	.7491006	38.33078	36.03258	20.72844
#1	1.056601	.9938345	1.050411	.0062296	-.015061	-.026075
#2	1.062023	1.001900	1.035718	.0030546	-.014969	-.030366
#3	1.069409	1.002665	1.047732	.0069567	-.026847	-.039024

Elem	Sr4077
Units	ppm
Avg	F .0010883
Stddev	.0011321
%RSD	104.0265
#1	.0022574
#2	-.000003
#3	.001010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.802	41277.70	2438.528	2273.270	3314.397
Stddev	10.058	161.06	9.754	13.804	5.430
%RSD	.3410813	.3901796	.4000140	.6072314	.1638224
#1	2937.730	41463.43	2434.398	2285.571	3316.740
#2	2957.375	41176.60	2449.669	2258.341	3318.263
#3	2951.299	41193.06	2431.519	2275.898	3308.190

Sample Name: ICSA01DLX20 Acquired: 11/7/2025 13:59:20 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.0003601	.0087910	.0044639	-.012221	-.003833	13.51169	-.001135
Stddev	.0008709	.0046987	.0014130	.006863	.002937	.05531	.000731
%RSD	241.8412	53.44815	31.65265	56.15772	76.63151	.4093605	64.40407

#1	.0008343	.0131563	.0052519	-.004400	-.001183	13.54680	-.001943
#2	-.000645	.0093987	.0053072	-.017238	-.006991	13.44793	-.000518
#3	.000891	.0038181	.0028327	-.015025	-.003326	13.54035	-.000945

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003006	-.000141	13.11060	.0026031	-.000093	.0004887	5.114636
Stddev	.0001024	.000063	.06158	.0001661	.000302	.0003166	.020817
%RSD	34.06226	44.32834	.4696657	6.381482	325.8391	64.77943	.4070123

#1	.0003927	-.000073	13.09595	.0024116	-.000440	.0003292	5.127563
#2	.0001904	-.000195	13.05767	.0027077	.000110	.0002837	5.090622
#3	.0003188	-.000157	13.17818	.0026901	.000052	.0008534	5.125724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012814	13.55485	-.000028	-.000636	.0371414	.0133291	-.000498
Stddev	.0006314	.06258	.000621	.000642	.0158154	.0096412	.000157
%RSD	49.27161	.4616957	2216.614	100.9296	42.58149	72.33255	31.42260

#1	.0006075	13.61846	.000496	-.000080	.0439817	.0207347	-.000673
#2	.0013775	13.49335	.000134	-.001339	.0190573	.0024276	-.000451
#3	.0018591	13.55274	-.000714	-.000489	.0483853	.0168249	-.000371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.235600	-.003447	.0002034	.0268383	.0021681	-.047305	-.000588
Stddev	.007483	.001803	.0003946	.0010653	.0028807	.013274	.000549
%RSD	3.176213	52.32155	194.0363	3.969380	132.8677	28.06099	93.27230

#1	-.229481	-.003673	-.000068	.0277667	.0054790	-.038217	-.000116
#2	-.233376	-.001541	.000656	.0256752	.0007898	-.062538	-.001190
#3	-.243943	-.005126	.000022	.0270728	.0002355	-.041159	-.000459

Sample Name: ICSA01DLX20 Acquired: 11/7/2025 13:59:20 Type: Unk
Method: 6010-200.7 NEW(v345) 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	-.003585	.0067292	.0008019
Stddev	.001069	.0040725	.0000929
%RSD	29.81858	60.51995	11.58522
#1	-.002678	.0063331	.0007357
#2	-.003312	.0028692	.0007621
#3	-.004763	.0109852	.0009081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.629	45050.67	2432.782	2401.176	3736.816
Stddev	7.748	188.75	10.392	16.412	10.980
%RSD	.2532212	.4189791	.4271543	.6834961	.2938336
#1	3051.007	45237.99	2444.779	2418.734	3724.182
#2	3061.873	44860.52	2427.010	2386.221	3744.052
#3	3066.007	45053.50	2426.558	2398.573	3742.215

Sample Name: ICSAB01DLX20 Acquired: 11/7/2025 14:03:37 Type: Unk
Method: 6010-200.7 NEW(v345) 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	.0081840	.0130371	.0056351	-.005311	.0291441	12.71457	.0163986
Stddev	.0007735	.0036790	.0020151	.006742	.0007290	.05319	.0014249
%RSD	9.451160	28.21943	35.75939	126.9634	2.501209	.4183563	8.689190
#1	.0080884	.0166842	.0075306	-.006189	.0292080	12.66211	.0176658
#2	.0090008	.0093270	.0035186	-.011571	.0298390	12.76846	.0148562
#3	.0074627	.0131001	.0058560	.001828	.0283853	12.71315	.0166737
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264643	.0473135	12.35493	.0274750	.0239840	.0262522	4.926336
Stddev	.0002056	.0001376	.05747	.0006295	.0001889	.0004103	.022254
%RSD	.7770359	.2907172	.4651852	2.291027	.7876051	1.562817	.4517386
#1	.0266058	.0474107	12.29407	.0276437	.0238980	.0257790	4.909136
#2	.0265587	.0473737	12.36242	.0267783	.0242006	.0265090	4.951470
#3	.0262284	.0471561	12.40829	.0280028	.0238534	.0264686	4.918401
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251155	12.80891	.0487106	.0074924	.0667212	.0320024	.0495292
Stddev	.0014603	.07573	.0007120	.0008531	.0212447	.0046111	.0006678
%RSD	5.814259	.5912063	1.461742	11.38589	31.84104	14.40845	1.348356
#1	.0261392	12.82558	.0494864	.0066337	.0486543	.0347695	.0487848
#2	.0234432	12.87491	.0485586	.0075037	.0613835	.0266794	.0497274
#3	.0257640	12.72623	.0480869	.0083397	.0901257	.0345583	.0500756
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.140574	.0425954	.0479556	.0747223	.0486576	.0001209	.0014370
Stddev	.156500	.0004375	.0002492	.0010509	.0008664	.0196433	.0026702
%RSD	111.3294	1.027051	.5195445	1.406393	1.780672	16247.49	185.8124
#1	-.194706	.0423800	.0476701	.0735090	.0489440	-.019003	-.001646
#2	-.262821	.0423074	.0481289	.0753426	.0493444	-.000880	.002999
#3	.035806	.0430988	.0480679	.0753154	.0476842	.020245	.002959

Sample Name: ICSAB01DLX20 Acquired: 11/7/2025 14:03:37 Type: Unk
Method: 6010-200.7 NEW(v345) 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	-.014698	.0523258	.0542152
Stddev	.004321	.0059160	.0003633
%RSD	29.40140	11.30605	.6700454
#1	-.011446	.0476057	.0537957
#2	-.019601	.0589625	.0544275
#3	-.013046	.0504094	.0544223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.900	44405.48	2428.217	2415.439	3643.015
Stddev	13.596	188.08	11.170	10.478	15.323
%RSD	.4485886	.4235426	.4600284	.4337973	.4206083
#1	3041.880	44599.14	2440.961	2422.434	3657.076
#2	3035.127	44393.76	2423.573	2420.491	3645.286
#3	3015.692	44223.53	2420.118	2403.392	3626.683

Sample Name: CCV01 Acquired: 11/7/2025 14:12:28 Type: Unk
Method: 6010-200.7 NEW(v345) 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	5.028923	4.816345	4.977900	5.084688	5.031865	10.19251	10.22584
Stddev	.027765	.152820	.019927	.015198	.018254	.01962	.02171
%RSD	.5521067	3.172952	.4003128	.2989053	.3627604	.1924694	.2123301

#1	4.997778	4.944035	4.955417	5.067377	5.012175	10.21002	10.25090
#2	5.051083	4.857977	4.984899	5.090850	5.035197	10.17131	10.21383
#3	5.037907	4.647023	4.993383	5.095838	5.048223	10.19620	10.21278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2560755	2.491960	25.35679	.9900708	2.490491	1.259899	4.963182
Stddev	.0029899	.007969	.00874	.0026313	.007331	.003909	.033459
%RSD	1.167574	.3197959	.0344498	.2657660	.2943445	.3102322	.6741418

#1	.2592924	2.482818	25.35157	.9929605	2.482029	1.256230	4.924856
#2	.2533816	2.495621	25.36688	.9878131	2.494538	1.259457	4.978119
#3	.2555526	2.497441	25.35193	.9894387	2.494906	1.264010	4.986570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.578622	25.18831	2.492059	1.238425	24.78129	2.537486	2.483607
Stddev	.008475	.17530	.008500	.003399	.26194	.011078	.007408
%RSD	.3286759	.6959501	.3410862	.2744914	1.056994	.4365911	.2982845

#1	2.581508	25.21858	2.482250	1.241994	24.52991	2.539421	2.490969
#2	2.569080	24.99984	2.496650	1.238057	25.05264	2.547469	2.476154
#3	2.585277	25.34649	2.497276	1.235225	24.76131	2.525568	2.483700

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.34482	5.105225	5.051328	5.030211	5.118372	4.905701	5.002381
Stddev	.25208	.053713	.011477	.016861	.004313	.052032	.012990
%RSD	1.035448	1.052115	.2272156	.3352022	.0842740	1.060638	.2596782

#1	24.05744	5.160820	5.038788	5.011876	5.122210	4.845784	4.993655
#2	24.52852	5.053616	5.053882	5.045052	5.113704	4.931815	5.017309
#3	24.44850	5.101240	5.061313	5.033705	5.119202	4.939504	4.996177

Sample Name: CCV01 Acquired: 11/7/2025 14:12:28 Type: Unk
Method: 6010-200.7 NEW(v345) 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	5.143347	5.163299	5.153137
Stddev	.026547	.010772	.010629
%RSD	.5161382	.2086356	.2062534
#1	5.159459	5.174711	5.165030
#2	5.157875	5.153307	5.144568
#3	5.112707	5.161877	5.149813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.054	44061.51	2385.722	2362.322	3436.579
Stddev	21.913	78.90	22.108	3.503	20.818
%RSD	.7311666	.1790716	.9266749	.1483001	.6057909
#1	3002.934	43989.88	2361.687	2358.334	3439.811
#2	3015.428	44048.56	2405.188	2363.730	3455.593
#3	2972.801	44146.08	2390.292	2364.903	3414.334

Sample Name: CCB01 Acquired: 11/7/2025 14:17:38 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.000531	.0091867	.0015259	-.003823	-.000978	.0268363
Stddev	.001650	.0010275	.0019001	.003424	.002347	.0392350
%RSD	310.5658	11.18428	124.5234	89.57341	240.0553	146.2012

#1	.000317	.0100639	-.000115	-.001160	-.002791	-.018429
#2	.000522	.0094399	.003608	-.002623	-.001816	.051114
#3	-.002432	.0080563	.001085	-.007685	.001673	.047824

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000735	.0000299	-.000104	.0652888	.0001911	.0000458
Stddev	.001276	.0002756	.000114	.0156165	.0008987	.0003210
%RSD	173.7559	921.6042	109.5312	23.91903	470.1900	700.3935

#1	.000714	.0002386	-.000004	.0744811	-.000645	.0004089
#2	-.001222	-.000282	-.000227	.0472576	.000077	-.000071
#3	-.001696	.000134	-.000080	.0741278	.001142	-.000200

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	.0398267	-.000992	.0063502	-.000010	-.003080
Stddev	.000848	.0096881	.004166	.0829115	.000620	.001160
%RSD	1078.512	24.32571	420.0058	1305.650	6327.473	37.66989

#1	-.000821	.0509628	.003354	-.051444	.000333	-.003423
#2	.000845	.0333364	-.004951	-.030852	.000363	-.001787
#3	-.000260	.0351809	-.001378	.101347	-.000725	-.004030

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1267829	.0123373	.0072271	-.188931	.0030820	-.000374
Stddev	.0797944	.0025797	.0003852	.129877	.0003375	.000215
%RSD	62.93784	20.90979	5.329650	68.74342	10.95050	57.56588

#1	.0436486	.0124320	.0073245	-.246774	.0027255	-.000175
#2	.2027545	.0148684	.0068026	-.279837	.0033966	-.000602
#3	.1339456	.0097116	.0075542	-.040181	.0031240	-.000344

Sample Name: CCB01 Acquired: 11/7/2025 14:17:38 Type: Unk
Method: 6010-200.7 NEW(v346) 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	F .0214435	-.003510	-.023344	.0006777	-.000930	F .0101470
Stddev	.0012177	.006055	.048557	.0011807	.005097	.0051462
%RSD	5.678488	172.4835	208.0033	174.2153	548.2074	50.71609
#1	.0225222	-.010106	.030150	.0017709	-.005028	.0043631
#2	.0216852	.001796	-.035546	-.000574	-.002539	.0118589
#3	.0201231	-.002222	-.064637	.000837	.004778	.0142190

Elem	Sr4077
Units	ppm
Avg	.0000790
Stddev	.0002207
%RSD	279.2739
#1	.0002693
#2	.0001307
#3	-.000163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.747	43475.03	2417.774	2340.389	3718.865
Stddev	7.957	185.36	2.922	24.427	6.945
%RSD	.2635927	.4263649	.1208593	1.043706	.1867616
#1	3024.842	43286.54	2420.832	2312.970	3723.711
#2	3021.653	43481.45	2415.010	2359.827	3721.974
#3	3009.745	43657.10	2417.480	2348.370	3710.908

Sample Name: LR-1 Acquired: 11/7/2025 14:21:56 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.005958	.0470293	.0310418	-.034561	.0172319	.3411528	.0032652
Stddev	.002707	.0061933	.0078527	.007846	.0037828	.0364991	.0010857
%RSD	45.42991	13.16906	25.29712	22.70132	21.95232	10.69876	33.24919

#1	-.004965	.0530406	.0340167	-.042999	.0196991	.3069208	.0022519
#2	-.003889	.0406687	.0221363	-.033197	.0191198	.3795600	.0044111
#3	-.009022	.0473785	.0369724	-.027486	.0128767	.3369777	.0031326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003702	.0017030	2290.504	.0554483	.0029502	.0051948	.7760864
Stddev	.0001497	.0002952	34.812	.0006791	.0004510	.0009289	.0044813
%RSD	40.43211	17.33677	1.519829	1.224669	15.28619	17.88188	.5774204

#1	.0005084	.0018584	2287.150	.0551511	.0024339	.0055379	.7811734
#2	.0002112	.0013625	2257.490	.0549685	.0031493	.0059034	.7727219
#3	.0003911	.0018880	2326.871	.0562253	.0032674	.0041431	.7743640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204543	2284.333	.0418824	.0025455	2375.833	.0163358	.0499834
Stddev	.0018008	3.503	.0005252	.0017801	46.480	.0140788	.0003986
%RSD	8.803868	.1533343	1.254024	69.93018	1.956369	86.18385	.7974583

#1	.0208958	2282.760	.0416502	.0039986	2377.105	.0186439	.0504381
#2	.0219933	2281.892	.0415133	.0005600	2328.730	.0291178	.0496940
#3	.0184738	2288.346	.0424837	.0030780	2421.664	.0012455	.0498182

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047114	.0075947	.0113692	.0042495	-.083063	-.087893	.0132823
Stddev	.307880	.0015964	.0006737	.0035212	.006563	.031907	.0039083
%RSD	29.40276	21.02050	5.926112	82.86177	7.901357	36.30278	29.42505

#1	.699816	.0080140	.0116087	.0053589	-.076116	-.052404	.0146711
#2	1.154972	.0058305	.0118905	.0070824	-.083913	-.114210	.0163066
#3	1.286554	.0089397	.0106084	.0003072	-.089160	-.097063	.0088693

Sample Name: LR-1 Acquired: 11/7/2025 14:21:56 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.2298812	-.353351	.0588062
Stddev	.0049365	.007838	.0002605
%RSD	2.147430	2.218325	.4429068
#1	.2349866	-.360373	.0590070
#2	.2295239	-.344894	.0585119
#3	.2251329	-.354786	.0588997

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.091	35062.53	2245.743	1869.666	2439.215
Stddev	5.438	136.44	20.351	7.088	.759
%RSD	.2258190	.3891354	.9062096	.3790884	.0310970
#1	2410.936	35063.79	2248.374	1875.438	2439.990
#2	2411.515	35198.33	2264.651	1871.806	2439.180
#3	2401.820	34925.46	2224.204	1861.755	2438.474

Sample Name: LR-2 Acquired: 11/7/2025 14:26:24 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.1077812	-.225938	.1009522	.0143935	-.203478	1909.513	.0264628
Stddev	.0049392	.009940	.0101259	.0069034	.007924	32.987	.0024580
%RSD	4.582589	4.399560	10.03042	47.96214	3.894239	1.727489	9.288655

#1	.1072329	-.232163	.1111692	.0209848	-.195098	1907.463	.0236590
#2	.1129716	-.231176	.0909199	.0149801	-.210850	1877.599	.0282467
#3	.1031390	-.214474	.1007677	.0072154	-.204486	1943.477	.0274827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549671	-.099681	4.516937	-.261656	.0427830	-.061278	2755.388
Stddev	.0013566	.004451	.050634	.005343	.0009289	.057518	57.908
%RSD	2.468060	4.465103	1.120971	2.041846	2.171187	93.86412	2.101629

#1	.0546999	-.102656	4.537034	-.266477	.0421264	-.089668	2801.666
#2	.0537639	-.101823	4.459340	-.262578	.0423769	-.099082	2774.048
#3	.0564374	-.094564	4.554437	-.255912	.0438458	.004915	2690.451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.294962	1.165985	.0490362	^ *****	4.100819	.0770833	-.015314
Stddev	.006754	.090848	.0007637	-----	.091740	.0088273	.005781
%RSD	2.289917	7.791497	1.557379	-----	2.237125	11.45159	37.74670

#1	-.302754	1.141218	.0494483	^ -----	4.205364	.0669017	-.020172
#2	-.290774	1.090089	.0481550	^ -----	4.033747	.0817592	-.016850
#3	-.291358	1.266648	.0495053	^ -----	4.063346	.0825889	-.008921

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1951.172	^ *****	-.012387	.0072704	.0019576	.5346820	.0768847
Stddev	18.003	-----	.001595	.0041261	.0045625	.0575414	.0084571
%RSD	.9226680	-----	12.87988	56.75151	233.0695	10.76180	10.99969

#1	1971.620	^ -----	-.010565	.0055810	-.001679	.5269192	.0730515
#2	1944.191	^ -----	-.013063	.0119730	.000474	.5957107	.0710231
#3	1937.705	^ -----	-.013534	.0042571	.007077	.4814160	.0865797

Sample Name: LR-2 Acquired: 11/7/2025 14:26:24 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.585998	.2860790	-2.64176
Stddev	.025925	.0094482	.05546
%RSD	4.424137	3.302640	2.099217
#1	-.614563	.2957472	-2.68611
#2	-.579470	.2856224	-2.65960
#3	-.563960	.2768675	-2.57958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.538	36583.58	2290.475	2086.657	2924.822
Stddev	14.913	326.58	43.192	21.284	14.456
%RSD	.5471611	.8926990	1.885715	1.020025	.4942553
#1	2710.200	36387.92	2300.633	2067.148	2911.063
#2	2739.987	36402.23	2327.682	2083.465	2939.887
#3	2726.429	36960.60	2243.109	2109.357	2923.515

Sample Name: LR-3 Acquired: 11/7/2025 14:30:51 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.0789149	.0798751	237.5202	.0014616	.2219490	.4151363	-.009481
Stddev	.0034330	.0049925	2.1208	.0020649	.0021020	.0260812	.003605
%RSD	4.350285	6.250334	.8928744	141.2784	.9470444	6.282568	38.02080

#1	.0786064	.0741122	236.2140	.0032347	.2240904	.3927698	-.006481
#2	.0824917	.0826306	236.3794	.0019556	.2198888	.4437848	-.013480
#3	.0756465	.0828825	239.9672	-.000806	.2218676	.4088543	-.008481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007923	-.001367	.3544713	24.14479	.0062895	53.08271	.6933103
Stddev	.000259	.000045	.0355511	.22285	.0002794	.35522	.0106249
%RSD	3.265983	3.294249	10.02934	.9229922	4.442148	.6691794	1.532491

#1	-.008185	-.001316	.3353315	23.92564	.0065103	52.95285	.6818442
#2	-.007668	-.001383	.3325908	24.13754	.0063829	52.81069	.6952636
#3	-.007915	-.001402	.3954917	24.37118	.0059754	53.48459	.7028229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.12989	-.093301	24.30096	.0009380	.4958423	-.019237	30.77857
Stddev	.28150	.080000	.20121	.0009256	.0207791	.005190	.40724
%RSD	.5200382	85.74352	.8280043	98.68276	4.190672	26.97699	1.323122

#1	54.40273	-.003187	24.18295	.0003784	.4724334	-.019347	30.35102
#2	54.14647	-.155950	24.18663	.0004292	.5029871	-.013993	31.16188
#3	53.84047	-.120767	24.53329	.0020064	.5121063	-.024370	30.82281

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9453736	-.004923	-.014137	.0165119	-.046823	-.160713	.2866865
Stddev	.0947590	.001169	.000341	.0009428	.002668	.026620	.0016050
%RSD	10.02344	23.75679	2.412150	5.709996	5.697202	16.56368	.5598496

#1	.9296892	-.003825	-.014180	.0172673	-.043806	-.182088	.2858538
#2	.8594354	-.006153	-.014454	.0154553	-.048870	-.130896	.2856690
#3	1.046996	-.004790	-.013776	.0168131	-.047793	-.169154	.2885368

Sample Name: LR-3 Acquired: 11/7/2025 14:30:51 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.1498169	.0080101	-.000477
Stddev	.0086069	.0069274	.000342
%RSD	5.744968	86.48424	71.74423
#1	.1429600	.0017137	-.000640
#2	.1470150	.0068854	-.000084
#3	.1594756	.0154310	-.000708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.025	44978.06	2379.861	2293.706	3652.523
Stddev	24.872	105.47	14.368	15.812	38.193
%RSD	.8908073	.2344953	.6037129	.6893680	1.045658
#1	2812.366	45018.33	2363.271	2311.727	3687.525
#2	2799.412	44858.38	2388.216	2282.157	3658.256
#3	2764.297	45057.46	2388.096	2287.233	3611.787

Sample Name: Q3536-03DLX5 Acquired: 11/7/2025 14:35:18 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.0607194	-.052032	.0528786	-.026695	-.052188	.8815672	.1794354
Stddev	.0038289	.002580	.0020545	.004093	.003935	.0555596	.0017116
%RSD	6.305882	4.958116	3.885357	15.33285	7.540682	6.302372	.9538606

#1	.0643824	-.049053	.0521018	-.021976	-.054708	.9386346	.1785686
#2	.0610321	-.053532	.0552082	-.028820	-.047654	.8784177	.1783306
#3	.0567438	-.053511	.0513256	-.029288	-.054204	.8276493	.1814069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113249	-.012576	7.741363	.0746312	.0352267	.2332312	512.2930
Stddev	.0006563	.000455	.023970	.0017156	.0004349	.0023138	3.4326
%RSD	5.795670	3.619725	.3096340	2.298819	1.234433	.9920759	.6700405

#1	.0114698	-.012895	7.767063	.0733380	.0355321	.2306323	516.2114
#2	.0118967	-.012779	7.719615	.0739782	.0354191	.2339937	510.8510
#3	.0106082	-.012055	7.737412	.0765775	.0347288	.2350675	509.8167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.143868	1.953179	.2396063	.0157884	4.762598	.1551585	.6688226
Stddev	.012961	.013846	.0002332	.0015183	.095235	.0055275	.0019090
%RSD	.3127856	.7088729	.0973319	9.616297	1.999640	3.562474	.2854260

#1	4.158503	1.941483	.2395356	.0174073	4.828114	.1498266	.6673533
#2	4.139263	1.968467	.2398667	.0155613	4.653352	.1608628	.6681343
#3	4.133838	1.949588	.2394167	.0143964	4.806328	.1547860	.6709804

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.430655	.4232056	.0408898	.0550902	.0806383	.4478327	.6294070
Stddev	.055336	.0136772	.0002477	.0021692	.0020023	.0354090	.0026707
%RSD	1.612985	3.231806	.6058427	3.937558	2.483054	7.906736	.4243275

#1	3.466524	.4389048	.0409457	.0546750	.0818206	.4721351	.6293972
#2	3.458515	.4138674	.0411049	.0531586	.0817678	.4641567	.6320826
#3	3.366926	.4168445	.0406190	.0574370	.0783264	.4072063	.6267411

Sample Name: Q3536-03DLX5 Acquired: 11/7/2025 14:35:18 Type: Unk
Method: 6010-200.7 NEW(v346) 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	8.687462	.0604707	-.391961
Stddev	.020933	.0047903	.002496
%RSD	.2409557	7.921721	.6367314

#1	8.710344	.0563886	-.394644
#2	8.669276	.0657443	-.391530
#3	8.682766	.0592791	-.389708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.048	44196.51	2432.861	2354.904	3674.361
Stddev	11.701	158.58	7.675	16.019	6.888
%RSD	.3860327	.3588139	.3154672	.6802380	.1874506

#1	3044.553	44074.82	2435.274	2356.285	3682.095
#2	3024.651	44375.86	2439.040	2370.188	3672.101
#3	3023.941	44138.87	2424.270	2338.240	3668.888

Sample Name: PB170394TB Acquired: 11/7/2025 14:39:24 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.000950	.0149264	.0029983	-.002118	-.001025	.0257272	-.000923
Stddev	.008339	.0010869	.0012689	.001120	.003446	.0171597	.002491
%RSD	877.5975	7.281766	42.32038	52.88171	336.3223	66.69856	269.7660

#1	-.002805	.0137544	.0021644	-.001833	-.003730	.0105829	.001231
#2	-.008206	.0151235	.0044585	-.003353	-.002199	.0222340	-.000351
#3	.008160	.0159012	.0023718	-.001168	.002855	.0443647	-.003650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000364	-.000009	.1130810	.0048183	.0004321	.0007515	.1444302
Stddev	.0000994	.000115	.0135376	.0006131	.0002368	.0009996	.0222732
%RSD	272.9919	1249.257	11.97159	12.72370	54.80529	133.0147	15.42141

#1	-.000016	.000089	.1068303	.0049390	.0006227	.0018811	.1204878
#2	-.000026	.000019	.1286145	.0041539	.0001670	-.000019	.1482672
#3	.000151	-.000135	.1037982	.0053621	.0005066	.000392	.1645356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002686	.6718875	.0031634	-.001401	290.9299	-.000999	.0048429
Stddev	.0016991	.0858619	.0003992	.000562	2.5820	.005360	.0004961
%RSD	632.5246	12.77921	12.61952	40.07923	.8875091	536.4079	10.24359

#1	-.000418	.6337005	.0030510	-.001337	293.8977	.003815	.0053477
#2	.002204	.7702184	.0036068	-.000874	289.1994	-.006774	.0048249
#3	-.000979	.6117435	.0028325	-.001992	289.6924	-.000039	.0043561

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1358348	-.007742	.0002161	.0001171	-.004546	-.037473	.0000145
Stddev	.1823486	.002344	.0002120	.0010587	.002052	.025448	.0020621
%RSD	134.2430	30.26993	98.11399	904.2044	45.12902	67.91183	14218.21

#1	-.067070	-.005062	.0004607	.0010714	-.002227	-.014845	-.000130
#2	.286003	-.009406	.0001014	.0003016	-.005285	-.065022	.002145
#3	.188571	-.008758	.0000861	-.001022	-.006126	-.032551	-.001972

Sample Name: PB170394TB Acquired: 11/7/2025 14:39:24 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.0059910	.0083473	-.000111
Stddev	.0029364	.0084874	.000277
%RSD	49.01381	101.6780	250.0891

#1	.0034346	-.000323	.000033
#2	.0053401	.008726	.000065
#3	.0091982	.016639	-.000431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2999.377	42883.11	2403.789	2341.337	3384.149
Stddev	.855	93.94	15.693	10.565	4.834
%RSD	.0285210	.2190703	.6528422	.4512540	.1428555

#1	3000.345	42811.64	2410.266	2338.521	3381.253
#2	2999.066	42989.52	2415.207	2353.025	3381.465
#3	2998.721	42848.18	2385.894	2332.465	3389.730

Sample Name: PB170412BL Acquired: 11/7/2025 14:43:39 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.002858	.0092823	-.001241	-.007973	-.005871	.0109384
Stddev	.004784	.0045363	.001030	.001939	.000694	.0341001
%RSD	167.3656	48.87009	82.98516	24.32569	11.82289	311.7466

#1	-.002240	.0133330	-.001628	-.007714	-.005070	-.018116
#2	-.007921	.0101329	-.000074	-.006176	-.006303	.002450
#3	.001586	.0043809	-.002023	-.010029	-.006239	.048481

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005826	-.000015	-.000310	.0150565	-.000076	-.000340
Stddev	.004286	.000082	.000036	.0176529	.000696	.000312
%RSD	73.56376	544.6098	11.60439	117.2449	919.7749	91.83206

#1	-.005103	-.000109	-.000338	.0343488	.000416	.000000
#2	-.001948	.000019	-.000270	-.000289	-.000872	-.000613
#3	-.010428	.000045	-.000324	.011109	.000229	-.000407

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000005	.0495508	-.000462	.0052284	.0000108	-.002919
Stddev	.0009726	.0256422	.000846	.0496198	.0008902	.001249
%RSD	209276.1	51.74938	183.2103	949.0455	8265.713	42.77939

#1	-.001059	.0655361	-.001430	.0623029	.0010369	-.003006
#2	.000207	.0631424	.000130	-.027668	-.000554	-.001629
#3	.000853	.0199740	-.000084	-.018950	-.000450	-.004122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.305586	.0003594	-.001023	-.457143	-.012102	-.000793
Stddev	.023563	.0143992	.000083	.096608	.000690	.000354
%RSD	7.710608	4006.394	8.087794	21.13309	5.698295	44.64511

#1	-.321561	-.014796	-.001110	-.361662	-.011310	-.000993
#2	-.278525	.013859	-.001013	-.454926	-.012569	-.000384
#3	-.316671	.002015	-.000945	-.554841	-.012428	-.001003

Sample Name: PB170412BL Acquired: 11/7/2025 14:43:39 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.007752	-.001996	-.075349	.0013277	F -.040742	-.001674
Stddev	.001243	.005466	.041574	.0010534	.003657	.007983
%RSD	16.02895	273.8969	55.17504	79.34517	8.975023	476.8195

#1	-.009114	.002699	-.107711	.0022328	-.044214	-.000040
#2	-.007462	-.000690	-.089876	.0001713	-.041088	.005365
#3	-.006680	-.007996	-.028461	.0015789	-.036925	-.010347

Elem	Sr4077
Units	ppm
Avg	-.000688
Stddev	.000280
%RSD	40.69403

#1	-.001011
#2	-.000537
#3	-.000515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.338	45344.00	2494.996	2465.674	3988.417
Stddev	46.019	28.40	22.737	5.949	62.494
%RSD	1.447893	.0626352	.9113043	.2412551	1.566897

#1	3158.012	45368.66	2510.303	2464.394	3955.466
#2	3145.981	45350.41	2468.870	2460.469	3949.294
#3	3231.020	45312.95	2505.815	2472.158	4060.492

Sample Name: PB170412BS Acquired: 11/7/2025 14:47:57 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.7810575	2.229579	.9326682	1.967918	.8069043	2.072034
Stddev	.0033830	.085912	.0013294	.001822	.0050233	.019002
%RSD	.4331301	3.853285	.1425378	.0925784	.6225356	.9170876

#1	.7832266	2.177570	.9338116	1.966833	.8126273	2.056938
#2	.7827866	2.328742	.9329835	1.970021	.8032253	2.065792
#3	.7771595	2.182425	.9312095	1.966900	.8048603	2.093373

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938065	.2058635	.1855710	1.017146	.4045186	.1923646
Stddev	.0020620	.0017616	.0002692	.040764	.0026974	.0007207
%RSD	1.063970	.8557171	.1450689	4.007696	.6668095	.3746612

#1	.1957343	.2078886	.1853752	1.050506	.4066074	.1915947
#2	.1940528	.2050164	.1858780	1.029224	.4054752	.1930232
#3	.1916323	.2046854	.1854599	.971707	.4014733	.1924758

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3124056	2.969583	.2088187	2.011827	.4827428	.0732611
Stddev	.0007429	.029627	.0023793	.039607	.0017589	.0002015
%RSD	.2377930	.9976681	1.139427	1.968688	.3643465	.2750086

#1	.3119481	2.965303	.2115473	2.045104	.4810298	.0731675
#2	.3120060	2.942328	.2077323	1.968019	.4845442	.0734923
#3	.3132628	3.001116	.2071765	2.022358	.4826546	.0731235

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.570568	.2993493	.2025051	9.187634	.2842643	.4177561
Stddev	.064937	.0062913	.0011043	.129138	.0034945	.0009528
%RSD	2.526192	2.101644	.5453057	1.405562	1.229322	.2280643

#1	2.584494	.2972799	.2024078	9.299035	.2882702	.4166616
#2	2.627412	.3064145	.2036548	9.217776	.2826813	.4182065
#3	2.499797	.2943533	.2014527	9.046091	.2818414	.4184001

Sample Name: PB170412BS Acquired: 11/7/2025 14:47:57 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.6595838	.1962537	.8443704	5.295874	F -.042517	.2085413
Stddev	.0023248	.0107797	.0396327	.015579	.006411	.0054795
%RSD	.3524592	5.492711	4.693756	.2941748	15.07815	2.627521

#1	.6578867	.2060914	.8900851	5.306382	-.049230	.2148644
#2	.6622336	.1847306	.8233500	5.303266	-.036459	.2051848
#3	.6586312	.1979390	.8196762	5.277975	-.041861	.2055747

Elem	Sr4077
Units	ppm
Avg	.2016129
Stddev	.0018324
%RSD	.9088892

#1	.2037018
#2	.2008599
#3	.2002769

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.697	46270.82	2442.517	2466.312	3916.953
Stddev	6.996	228.05	15.387	17.881	4.425
%RSD	.2245292	.4928621	.6299559	.7249948	.1129695

#1	3109.877	46433.76	2425.291	2476.521	3912.238
#2	3123.458	46010.20	2447.361	2445.666	3921.016
#3	3113.755	46368.52	2454.899	2476.749	3917.606

Sample Name: PB170411BL Acquired: 11/7/2025 14:52:02 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.000992	.0132966	.0017968	-.001528	-.006870	-.013481
Stddev	.000681	.0017459	.0019907	.008030	.003647	.035951
%RSD	68.63823	13.13052	110.7891	525.5583	53.08672	266.6808

#1	-.001541	.0144948	.0014819	-.010666	-.004475	.015101
#2	-.000230	.0141015	-.000018	.001677	-.005068	-.053844
#3	-.001204	.0112934	.003926	.004405	-.011067	-.001700

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006453	-.000108	-.000216	.0071889	-.000195	-.000645
Stddev	.001801	.000056	.000140	.0537882	.000518	.000445
%RSD	27.91486	52.22626	64.52473	748.2118	264.8422	68.99700

#1	-.005763	-.000158	-.000262	-.054862	.000376	-.000131
#2	-.005099	-.000047	-.000060	.040552	-.000632	-.000892
#3	-.008498	-.000119	-.000327	.035876	-.000330	-.000913

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0081288	.0005761	.0134783	-.000600	-.002024
Stddev	.000253	.0329961	.0005126	.0647094	.000383	.000907
%RSD	3298.735	405.9165	88.96879	480.1025	63.86327	44.78867

#1	.000284	-.023902	.0008890	-.060946	-.000349	-.001838
#2	-.000145	.006276	-.000015	.044941	-.000410	-.001225
#3	-.000162	.042012	.000855	.056440	-.001041	-.003010

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.334627	-.003654	-.001164	-.095705	-.012209	-.000889
Stddev	.048875	.009038	.000151	.084803	.000439	.000191
%RSD	14.60590	247.3359	12.93719	88.60950	3.592047	21.43432

#1	-.290068	-.002436	-.000990	-.011937	-.012547	-.001058
#2	-.386901	.004713	-.001240	-.093670	-.011713	-.000926
#3	-.326911	-.013240	-.001261	-.181507	-.012366	-.000682

Sample Name: PB170411BL Acquired: 11/7/2025 14:52:02 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.008986	-.001628	-.059102	.0014690	F -.031450	F -.017727
Stddev	.001041	.002889	.043935	.0029660	.006660	.004418
%RSD	11.58901	177.4920	74.33901	201.9052	21.17793	24.92317
#1	-.007937	.001275	-.056750	.0043316	-.031603	-.014955
#2	-.010019	-.004502	-.104166	.0016660	-.024714	-.022822
#3	-.009001	-.001655	-.016389	-.001591	-.038033	-.015404

Elem	Sr4077
Units	ppm
Avg	-.000290
Stddev	.000322
%RSD	111.0281
#1	-.000635
#2	.000003
#3	-.000239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.244	47110.00	2524.122	2504.521	4015.777
Stddev	27.640	354.68	12.923	23.552	46.204
%RSD	.8713203	.7528816	.5119914	.9403853	1.150567
#1	3202.538	47442.34	2513.309	2518.769	4067.356
#2	3165.795	47151.13	2520.621	2517.459	4001.798
#3	3148.397	46736.56	2538.435	2477.336	3978.176

Sample Name: PB170411BS Acquired: 11/7/2025 14:56:19 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.8260886	2.350693	.9928506	2.102854	.8594700	2.154015
Stddev	.0039676	.049227	.0017196	.002087	.0012357	.021430
%RSD	.4802876	2.094130	.1731978	.0992636	.1437730	.9948921

#1	.8215651	2.315068	.9947834	2.105183	.8592462	2.147680
#2	.8289789	2.330146	.9922780	2.102225	.8608023	2.177898
#3	.8277218	2.406864	.9914903	2.101153	.8583615	2.136466

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2082351	.2181364	.2003619	1.074996	.4267704	.2057797
Stddev	.0059238	.0008647	.0005324	.008103	.0014933	.0003718
%RSD	2.844757	.3964003	.2657359	.7537530	.3499007	.1806593

#1	.2034723	.2189415	.1997899	1.080848	.4284298	.2053841
#2	.2063646	.2182452	.2004526	1.065748	.4263467	.2058331
#3	.2148683	.2172224	.2008431	1.078392	.4255348	.2061218

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3275287	3.231751	.2149179	2.143891	.5171533	.0779824
Stddev	.0004091	.009117	.0003172	.056371	.0011238	.0005510
%RSD	.1249176	.2821109	.1475963	2.629359	.2173095	.7065691

#1	.3279717	3.223437	.2146771	2.207345	.5159413	.0773789
#2	.3271650	3.230316	.2147994	2.099599	.5181610	.0784585
#3	.3274496	3.241501	.2152773	2.124730	.5173574	.0781099

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.064644	.3197600	.2154125	9.924791	.3053714	.4321801
Stddev	.071352	.0108369	.0003708	.100441	.0022233	.0005821
%RSD	2.328229	3.389082	.1721463	1.012021	.7280586	.1346970

#1	2.992830	.3200812	.2158270	10.01009	.3062516	.4328053
#2	3.065575	.3087661	.2152982	9.95019	.3028428	.4316538
#3	3.135525	.3304328	.2151123	9.81409	.3070199	.4320811

Sample Name: PB170411BS Acquired: 11/7/2025 14:56:19 Type: Unk
Method: 6010-200.7 NEW(v346) 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	.7456640	.2081859	.9303192	5.729977	F -.000570	.2222133
Stddev	.0015235	.0068913	.0404001	.022452	.011350	.0030367
%RSD	.2043183	3.310178	4.342602	.3918321	1989.752	1.366583

#1	.7442705	.2064056	.9724545	5.704161	.004572	.2254796
#2	.7454308	.2023594	.9265903	5.744949	.007298	.2216845
#3	.7472907	.2157927	.8919129	5.740820	-.013581	.2194756

Elem	Sr4077
Units	ppm
Avg	.2054909
Stddev	.0006288
%RSD	.3060085

#1	.2062167
#2	.2051099
#3	.2051461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.346	44314.72	2422.053	2352.845	3711.440
Stddev	12.827	195.18	3.576	16.409	7.427
%RSD	.4235790	.4404416	.1476527	.6974094	.2001124

#1	3013.544	44185.18	2418.754	2335.160	3702.905
#2	3036.224	44539.21	2425.853	2367.577	3714.976
#3	3035.269	44219.78	2421.552	2355.798	3716.438

Sample Name: Q3534-10 Acquired: 11/7/2025 15:00:21 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.004542	.0141482	.0019529	-.001565	-.003110	.0032235	.0030972
Stddev	.002917	.0025651	.0011683	.001417	.004277	.0242894	.0017273
%RSD	64.22613	18.13032	59.82310	90.54889	137.5166	753.5197	55.77077

#1	-.007910	.0140868	.0032781	-.000637	-.002311	.0141004	.0038365
#2	-.002856	.0116144	.0015085	-.003196	-.007731	-.024604	.0011233
#3	-.002860	.0167435	.0010720	-.000862	.000710	.020174	.0043319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000138	-.000274	.1599511	.0054230	.0000163	.0004910	.0705456
Stddev	.000175	.000111	.0282266	.0009752	.0000422	.0001696	.0151827
%RSD	126.8017	40.62724	17.64702	17.98266	259.1632	34.53884	21.52183

#1	.000025	-.000185	.1866207	.0045960	.0000235	.0004961	.0831140
#2	-.000323	-.000399	.1628426	.0051745	.0000544	.0006580	.0536765
#3	-.000117	-.000239	.1303901	.0064984	-.000029	.0003189	.0748464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010971	-.046476	.0012529	-.002447	.1038585	.0121825	.0000738
Stddev	.0006400	.029261	.0001349	.000688	.0376864	.0104741	.0002646
%RSD	58.33634	62.95967	10.76727	28.11069	36.28627	85.97639	358.4611

#1	.0004096	-.049005	.0012278	-.002039	.1159954	.0085813	-.000168
#2	.0012059	-.016033	.0013986	-.002061	.1339810	.0239821	.000357
#3	.0016757	-.074391	.0011323	-.003241	.0615991	.0039841	.000032

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.335531	-.009811	-.000322	-.007285	-.007245	.2984564	.0176639
Stddev	.153247	.001696	.000248	.001709	.003204	.0233409	.0021044
%RSD	45.67312	17.28716	77.21721	23.45616	44.22393	7.820540	11.91356

#1	-.199217	-.008784	-.000267	-.005832	-.007437	.3072563	.0155894
#2	-.305971	-.011769	-.000105	-.009167	-.003950	.2719947	.0197970
#3	-.501405	-.008881	-.000593	-.006854	-.010350	.3161181	.0176053

Sample Name: Q3534-10 Acquired: 11/7/2025 15:00:21 Type: Unk
Method: 6010-200.7 NEW(v346) 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	-.019976	-.006219	-.000110
Stddev	.007284	.001299	.000546
%RSD	36.46298	20.88694	495.8807
#1	-.012400	-.005482	.000505
#2	-.026927	-.007718	-.000297
#3	-.020600	-.005455	-.000538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.465	45682.87	2389.475	2388.183	3908.458
Stddev	10.987	253.76	10.577	11.696	5.670
%RSD	.3567855	.5554769	.4426654	.4897387	.1450599
#1	3091.685	45961.82	2381.612	2401.647	3914.245
#2	3070.403	45621.08	2401.500	2382.364	3902.913
#3	3076.306	45465.71	2385.312	2380.537	3908.216

Sample Name: CCV02 Acquired: 11/7/2025 15:04:38 Type: Unk
Method: 6010-200.7 NEW(v346) 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	4.919026	5.497466	4.890949	4.939370	4.975754	10.10530	9.997255
Stddev	.033874	.236437	.012317	.023021	.012458	.07945	.088070
%RSD	.6886411	4.300827	.2518231	.4660708	.2503728	.7862320	.8809433

#1	4.894663	5.595665	4.879552	4.931592	4.963462	10.02012	9.909026
#2	4.904706	5.227754	4.889279	4.921246	4.975428	10.11837	9.997574
#3	4.957709	5.668979	4.904015	4.965272	4.988371	10.17740	10.08517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2514950	2.444831	25.10976	.9816756	2.464899	1.256609	4.838599
Stddev	.0014731	.009793	.17177	.0048513	.011199	.003279	.080543
%RSD	.5857564	.4005674	.6840917	.4941852	.4543274	.2609081	1.664598

#1	.2529566	2.436460	24.94041	.9766026	2.454219	1.252995	4.745707
#2	.2500106	2.442432	25.10500	.9821545	2.463924	1.257438	4.888982
#3	.2515177	2.455601	25.28386	.9862697	2.476553	1.259392	4.881108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.544705	24.94251	2.458045	1.215636	23.93623	2.506979	2.459722
Stddev	.014013	.12768	.007048	.000280	.34677	.033563	.004528
%RSD	.5506700	.5118921	.2867497	.0230533	1.448733	1.338768	.1840965

#1	2.540515	24.81283	2.452199	1.215406	23.57747	2.468252	2.462104
#2	2.533266	25.06809	2.456064	1.215554	23.96162	2.527614	2.462561
#3	2.560336	24.94660	2.465872	1.215948	24.26962	2.525071	2.454500

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.58216	4.987227	5.092482	4.926634	5.060109	4.806225	4.843641
Stddev	.49386	.025801	.009903	.018870	.023622	.049670	.030211
%RSD	2.094204	.5173397	.1944561	.3830159	.4668254	1.033444	.6237293

#1	23.02747	5.016222	5.083646	4.914629	5.039293	4.774290	4.819186
#2	23.74488	4.966801	5.090615	4.916888	5.055251	4.780935	4.834323
#3	23.97411	4.978657	5.103186	4.948384	5.085782	4.863450	4.877414

Sample Name: CCV02 Acquired: 11/7/2025 15:04:38 Type: Unk
Method: 6010-200.7 NEW(v346) 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	4.848127	5.044124	5.073289
Stddev	.046726	.051281	.035149
%RSD	.9637848	1.016658	.6928241
#1	4.838507	4.988958	5.042364
#2	4.806960	5.053072	5.065989
#3	4.898913	5.090343	5.111515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.977	44006.97	2355.052	2336.117	3457.582
Stddev	14.503	380.80	6.670	18.585	14.941
%RSD	.4875154	.8653097	.2832158	.7955580	.4321120
#1	2968.972	44440.32	2360.420	2357.561	3454.245
#2	2964.441	43854.82	2357.151	2326.118	3444.592
#3	2991.519	43725.77	2347.585	2324.672	3473.909

Sample Name: CCB02 Acquired: 11/7/2025 15:14:23 Type: Unk
Method: 6010-200.7 NEW(v346) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003496	.0102169	-.000390	.0004204	-.006385	-.021361
Stddev	.001217	.0020768	.001591	.0045794	.002467	.015326
%RSD	34.82044	20.32722	408.3653	1089.371	38.64007	71.74959

#1	-.002608	.0078919	.000925	-.002567	-.004657	-.003727
#2	-.002996	.0108705	.000064	.005693	-.005288	-.031471
#3	-.004884	.0118883	-.002158	-.001864	-.009210	-.028885

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012331	-.000016	-.000155	-.012319	.0001421	-.000104
Stddev	.0030957	.000232	.000124	.030019	.0002821	.000284
%RSD	251.0587	1422.215	79.69551	243.6863	198.5276	272.1637

#1	.0015171	-.000198	-.000163	.004782	.0001247	-.000281
#2	-.001995	.000246	-.000028	.005243	.0004324	.000223
#3	.004177	-.000096	-.000275	-.046981	-.000131	-.000255

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002926	.0066516	.0000933	.0035355	.0001326	-.001476
Stddev	.0001659	.0109872	.0004264	.0803504	.0006943	.001434
%RSD	56.69050	165.1815	456.9223	2272.703	523.5403	97.19096

#1	.0004523	-.004367	-.000153	-.072179	-.000647	-.001338
#2	.0001212	.017607	-.000153	-.005047	.000362	-.000115
#3	.0003045	.006715	.000586	.087832	.000683	-.002974

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.434505	.0095730	-.000864	-.285354	-.001825	-.000271
Stddev	.020462	.0046615	.000238	.075759	.001138	.000362
%RSD	4.709242	48.69470	27.57056	26.54903	62.32796	133.7120

#1	-.431641	.0045840	-.000784	-.255984	-.000532	-.000059
#2	-.456248	.0103174	-.001132	-.371400	-.002673	-.000064
#3	-.415626	.0138174	-.000676	-.228678	-.002271	-.000689

Sample Name: CCB02 Acquired: 11/7/2025 15:14:23 Type: Unk
Method: 6010-200.7 NEW(v346) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008805	-.005925	-.031977	-.002950	F -.027732	-.007091
Stddev	.000644	.004442	.034232	.000224	.001218	.003022
%RSD	7.317557	74.96763	107.0537	7.587271	4.391320	42.61726
#1	-.008769	-.004160	-.027042	-.003206	-.028590	-.004657
#2	-.008179	-.010979	-.068409	-.002850	-.026338	-.010474
#3	-.009467	-.002637	-.000480	-.002793	-.028268	-.006143

Elem	Sr4077
Units	ppm
Avg	.0000765
Stddev	.0006107
%RSD	798.3049
#1	.0007560
#2	-.000100
#3	-.000427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.963	46776.23	2443.732	2482.130	4041.612
Stddev	28.670	123.70	9.913	18.164	31.307
%RSD	.9113315	.2644498	.4056548	.7317744	.7746254
#1	3169.353	46789.90	2455.045	2503.025	4066.149
#2	3154.558	46646.25	2436.568	2470.112	4052.334
#3	3113.978	46892.52	2439.581	2473.253	4006.352

Sample Name: Q3552-01 Acquired: 11/7/2025 15:20:57 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.001180	-.020485	.0075497	.0009989	-.003594	.0747961
Stddev	.004100	.007537	.0035133	.0065034	.003080	.0182964
%RSD	347.4546	36.79076	46.53597	651.0797	85.70065	24.46166

#1	.000105	-.018272	.0088218	.0046084	-.006676	.0958123
#2	.002124	-.014303	.0035775	.0048970	-.000516	.0624178
#3	-.005769	-.028881	.0102498	-.006509	-.003590	.0661582

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142751	.0010376	-.002178	208.2970	.0151953	.0476692
Stddev	.006525	.0002416	.000171	.3481	.0001925	.0008656
%RSD	.3045149	23.28996	7.870225	.1671141	1.266728	1.815780

#1	2.149656	.0011804	-.001981	208.6974	.0151799	.0469686
#2	2.141910	.0007586	-.002292	208.1269	.0150109	.0486368
#3	2.136688	.0011738	-.002260	208.0666	.0153950	.0474022

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019547	62.83718	.4677561	139.2310	.1862990	.0010132
Stddev	.0016553	1.66755	.0020994	.1848	.0006555	.0015219
%RSD	84.68501	2.653764	.4488297	.1327188	.3518345	150.2055

#1	.0031820	61.21981	.4698271	139.0657	.1864587	.0002130
#2	.0026100	62.74099	.4678119	139.4305	.1868600	.0027683
#3	.0000720	64.55075	.4656294	139.1969	.1855785	.0000584

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1156.408	.0183173	.0196104	402.3125	7.639752	-.000289
Stddev	35.669	.0121572	.0006284	9.1354	.097862	.000185
%RSD	3.084473	66.37018	3.204570	2.270713	1.280959	63.78750

#1	1135.968	.0296917	.0189654	393.5720	7.738207	-.000396
#2	1135.660	.0197552	.0202208	401.5684	7.542494	-.000076
#3	1197.594	.0055051	.0196451	411.7972	7.638555	-.000396

Sample Name: Q3552-01 Acquired: 11/7/2025 15:20:57 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.000594	-.006172	F 29.56536	2.581158	F 12.53267	.0012712
Stddev	.001438	.001831	.85932	.004368	.01748	.0088260
%RSD	241.8681	29.66955	2.906526	.1692140	.1395003	694.3272
#1	-.001724	-.007564	28.75206	2.586142	12.55280	-.005875
#2	.001024	-.004097	29.47973	2.579332	12.52386	-.001448
#3	-.001084	-.006854	30.46430	2.577999	12.52134	.011137

Elem	Sr4077
Units	ppm
Avg	1.634256
Stddev	.007326
%RSD	.4482828
#1	1.642640
#2	1.631045
#3	1.629085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.634	38644.88	2357.905	2113.711	2945.903
Stddev	3.559	890.53	14.661	52.373	5.037
%RSD	.1296063	2.304389	.6217698	2.477790	.1709756
#1	2748.754	39426.40	2342.586	2156.871	2949.859
#2	2741.759	38832.86	2371.804	2128.818	2940.233
#3	2746.391	37675.36	2359.323	2055.445	2947.617

Sample Name: Q3552-02 Acquired: 11/7/2025 15:25:12 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0140050	-.041652	.0452202	-.050366	-.061619	.0501574
Stddev	.0080822	.007134	.0028386	.010523	.002723	.0017444
%RSD	57.70921	17.12826	6.277382	20.89342	4.418888	3.477911

#1	.0077920	-.045938	.0429665	-.054091	-.060161	.0506923
#2	.0110807	-.045602	.0442859	-.038487	-.059935	.0482081
#3	.0231423	-.033417	.0484083	-.058520	-.064760	.0515717

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7806329	.0069282	-.019236	1684.393	-.069176	.0109274
Stddev	.0023041	.0005889	.001302	13.071	.001132	.0002747
%RSD	.2951605	8.499799	6.766856	.7759899	1.636734	2.513701

#1	.7828206	.0067125	-.019847	1671.577	-.069343	.0108618
#2	.7782278	.0064776	-.017741	1683.898	-.067970	.0112290
#3	.7808505	.0075946	-.020120	1697.704	-.070216	.0106915

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085490	793.6679	47.27136	634.4209	.0213562	.0465447
Stddev	.008935	9.0784	.23730	4.0428	.0008518	.0015751
%RSD	10.45121	1.143851	.5019988	.6372395	3.988422	3.384067

#1	-.088188	795.6269	47.41924	636.6772	.0207301	.0455027
#2	-.075518	783.7699	46.99764	629.7535	.0223261	.0457747
#3	-.092765	801.6068	47.39719	636.8318	.0210123	.0483567

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4978.075	.0041765	-.007750	172.4379	1.375771	-.006081
Stddev	54.683	.0003090	.000322	2.2473	.030810	.000788
%RSD	1.098475	7.399626	4.153624	1.303274	2.239439	12.95340

#1	5000.005	.0038458	-.007763	171.9448	1.381816	-.005205
#2	4915.831	.0044580	-.007422	170.4780	1.342387	-.006732
#3	5018.388	.0042256	-.008066	174.8908	1.403110	-.006305

Sample Name: Q3552-02 Acquired: 11/7/2025 15:25:12 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.010457	-.069469	.7810254	.0895331	5.621884	-.058961
Stddev	.001306	.004952	.0549207	.0058181	.032851	.005253
%RSD	12.49127	7.128041	7.031868	6.498286	.5843428	8.908484

#1	-.009065	-.071089	.7442889	.0887879	5.584719	-.059523
#2	-.011656	-.063911	.8441608	.0956879	5.633892	-.063911
#3	-.010650	-.073409	.7546264	.0841234	5.647042	-.053451

Elem	Sr4077
Units	ppm
Avg	F 31.28986
Stddev	.53684
%RSD	1.715707

#1	30.82920
#2	31.16096
#3	31.87942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.573	34547.91	2317.101	1874.285	2460.858
Stddev	3.853	279.97	9.670	12.845	9.911
%RSD	.1605632	.8103818	.4173448	.6853535	.4027534

#1	2403.764	34417.17	2305.964	1862.609	2469.321
#2	2396.185	34869.33	2323.374	1888.045	2449.955
#3	2398.770	34357.22	2321.964	1872.200	2463.298

Sample Name: Q3552-03 Acquired: 11/7/2025 15:29:45 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0174488	-.019497	.6330729	-.005810	-.009258	9.767086
Stddev	.0004151	.001174	.0016953	.003231	.001057	.061749
%RSD	2.379023	6.020951	.2677951	55.60450	11.41530	.6322103

#1	.0173252	-.020666	.6342422	-.002108	-.008142	9.700791
#2	.0171095	-.019508	.6311286	-.008059	-.009387	9.777504
#3	.0179116	-.018318	.6338479	-.007264	-.010244	9.822963

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7279088	.0022363	.0409672	181.9870	.0338286	.0194148
Stddev	.0122366	.0001267	.0002930	1.7396	.0001978	.0003440
%RSD	1.681067	5.664431	.7152995	.9558709	.5847466	1.771948

#1	.7166824	.0023485	.0409607	180.0866	.0339827	.0195750
#2	.7260915	.0020989	.0406775	182.3738	.0338976	.0190199
#3	.7409524	.0022614	.0412635	183.5007	.0336055	.0196495

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996327	79.67457	.4971337	88.42423	.1861054	.0033300
Stddev	.006046	.78252	.0061962	.87210	.0006886	.0008642
%RSD	.3028801	.9821496	1.246374	.9862727	.3699804	25.95346

#1	1.997056	78.82240	.4904686	87.45817	.1857744	.0028384
#2	1.989949	79.84043	.4982135	88.66106	.1856448	.0028236
#3	2.001976	80.36086	.5027190	89.15345	.1868969	.0043279

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.6425	.0522168	1.185606	190.6784	4.639956	.0101167
Stddev	4.2620	.0066259	.004055	1.8791	.018570	.0001106
%RSD	1.037889	12.68912	.3419846	.9854895	.4002246	1.092804

#1	405.9530	.0446288	1.183776	188.7246	4.620337	.0099917
#2	411.6947	.0551632	1.190253	190.8381	4.642270	.0101565
#3	414.2799	.0568583	1.182789	192.4726	4.657261	.0102018

Sample Name: Q3552-03 Acquired: 11/7/2025 15:29:45 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0364587	.2162954	F 37.78963	3.333660	F 13.21638	.0009496
Stddev	.0005315	.0024655	.28566	.022353	.17390	.0029406
%RSD	1.457869	1.139891	.7559258	.6705119	1.315766	309.6569
#1	.0363373	.2185011	37.47512	3.344209	13.20937	.0019763
#2	.0359983	.2167513	37.86078	3.307986	13.04610	-.002367
#3	.0370404	.2136337	38.03299	3.348787	13.39368	.003239

Elem	Sr4077
Units	ppm
Avg	1.114974
Stddev	.012376
%RSD	1.109985
#1	1.102162
#2	1.115898
#3	1.126863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.522	44539.20	2561.592	2409.207	3253.043
Stddev	13.571	314.07	22.621	21.474	13.756
%RSD	.4453069	.7051474	.8830808	.8913448	.4228785
#1	3031.853	44878.49	2585.568	2433.962	3238.225
#2	3055.539	44480.47	2558.578	2398.066	3265.408
#3	3055.174	44258.65	2540.629	2395.592	3255.498

Sample Name: Q3552-04 Acquired: 11/7/2025 15:33:49 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0101563	-.014651	.0108328	-.015817	-.001783	.0409125
Stddev	.0057520	.004825	.0028776	.005040	.002968	.0445408
%RSD	56.63508	32.93503	26.56358	31.86354	166.4332	108.8686

#1	.0129712	-.009121	.0111315	-.011576	-.004251	-.001083
#2	.0035389	-.018006	.0078175	-.014487	.001510	.087623
#3	.0139586	-.016827	.0135493	-.021389	-.002608	.036198

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655070	.0013728	-.003284	716.3887	-.005372	.0012878
Stddev	.0031156	.0001520	.000580	3.0156	.000324	.0003673
%RSD	4.756115	11.07107	17.65910	.4209387	6.037798	28.51991

#1	.0622248	.0014881	-.002937	712.9203	-.005188	.0010182
#2	.0684238	.0012006	-.002962	717.8562	-.005181	.0011391
#3	.0658723	.0014298	-.003954	718.3896	-.005747	.0017061

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016255	105.8326	2.248829	1056.071	.0068693	.0045707
Stddev	.003114	4.1543	.003994	5.952	.0010156	.0020335
%RSD	19.15618	3.925379	.1776208	.5636165	14.78495	44.48965

#1	-.016285	103.5475	2.250923	1049.401	.0069148	.0042359
#2	-.013127	103.3225	2.251340	1057.971	.0058318	.0067508
#3	-.019355	110.6279	2.244222	1060.842	.0078615	.0027254

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6919.508	.0059941	.0012640	231.5729	1.837827	-.000898
Stddev	286.135	.0088269	.0004053	10.6346	.028106	.000187
%RSD	4.135187	147.2598	32.06461	4.592350	1.529309	20.86808

#1	6780.239	.0125470	.0007973	224.3719	1.817171	-.000758
#2	6729.670	.0094786	.0015269	226.5592	1.826475	-.001111
#3	7248.616	-.004043	.0014679	243.7877	1.869833	-.000826

Sample Name: Q3552-04 Acquired: 11/7/2025 15:33:49 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.012597	-.025379	F 25.67433	.6166984	F 706.8057	-.034806
Stddev	.001084	.003553	1.18347	.0082975	8.8864	.004468
%RSD	8.602750	13.99888	4.609529	1.345470	1.257269	12.83770
#1	-.011346	-.025760	24.94555	.6071210	696.8572	-.037342
#2	-.013254	-.021651	25.03759	.6212566	709.6028	-.037430
#3	-.013191	-.028726	27.03984	.6217176	713.9571	-.029647

Elem	Sr4077
Units	ppm
Avg	8.472496
Stddev	.111885
%RSD	1.320562
#1	8.354385
#2	8.486216
#3	8.576888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.599	32378.75	2366.037	1749.687	2356.205
Stddev	28.529	1328.62	4.814	70.392	31.316
%RSD	1.229925	4.103370	.2034544	4.023123	1.329102
#1	2352.442	33099.86	2369.183	1784.272	2390.954
#2	2300.956	33190.89	2368.432	1796.096	2330.164
#3	2305.398	30845.49	2360.495	1668.692	2347.496

Sample Name: Q3552-04DUP Acquired: 11/7/2025 15:38:13 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0098762	-.017223	.0099677	-.025049	-.004913	.0897409
Stddev	.0013633	.004314	.0022302	.010730	.003126	.0108679
%RSD	13.80395	25.05041	22.37401	42.83494	63.63656	12.11031

#1	.0108553	-.013315	.0121328	-.035875	-.005260	.0773038
#2	.0104541	-.021853	.0100926	-.024851	-.007851	.0945098
#3	.0083191	-.016502	.0076777	-.014419	-.001627	.0974089

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671954	.0015528	-.002965	712.0295	-.004734	.0015293
Stddev	.0033696	.0000478	.000032	1.7264	.000692	.0008815
%RSD	5.014684	3.077711	1.079697	.2424675	14.62724	57.63778

#1	.0691734	.0015905	-.002983	710.3819	-.005307	.0020519
#2	.0691081	.0015688	-.002928	713.8253	-.004929	.0020245
#3	.0633047	.0014990	-.002983	711.8814	-.003964	.0005116

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013165	101.8957	2.215755	1056.262	.0065345	.0047191
Stddev	.000612	.9825	.008694	2.827	.0006003	.0010283
%RSD	4.649815	.9642404	.3923871	.2676699	9.186079	21.79088

#1	-.012466	101.5199	2.211460	1053.583	.0060960	.0059037
#2	-.013421	103.0106	2.225761	1059.217	.0072187	.0040555
#3	-.013607	101.1565	2.210044	1055.985	.0062889	.0041982

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6595.851	.0093069	.0010591	232.3955	1.792398	-.001357
Stddev	96.152	.0054649	.0005393	2.5873	.015265	.000460
%RSD	1.457769	58.71919	50.91803	1.113298	.8516565	33.89058

#1	6491.965	.0135936	.0016362	229.6470	1.781025	-.001779
#2	6613.867	.0111738	.0005679	234.7838	1.809747	-.000867
#3	6681.721	.0031531	.0009733	232.7555	1.786422	-.001424

Sample Name: Q3552-04DUP Acquired: 11/7/2025 15:38:13 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.012418	-.026224	F 24.70293	.6109258	F 688.4450	-.020952
Stddev	.001463	.003695	.15692	.0077182	4.1937	.007773
%RSD	11.77814	14.09192	.6352262	1.263364	.6091537	37.09708
#1	-.013756	-.029673	24.53378	.6156808	689.4408	-.020805
#2	-.012641	-.026675	24.84377	.6150763	692.0511	-.028797
#3	-.010857	-.022324	24.73123	.6020204	683.8430	-.013254

Elem	Sr4077
Units	ppm
Avg	8.409877
Stddev	.051009
%RSD	.6065390
#1	8.368816
#2	8.393837
#3	8.466978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.662	33248.51	2365.038	1767.636	2392.729
Stddev	2.892	204.15	9.781	2.885	3.523
%RSD	.1235133	.6140058	.4135655	.1632353	.1472383
#1	2344.481	33458.33	2375.208	1770.644	2394.377
#2	2338.701	33050.55	2364.208	1767.373	2388.684
#3	2341.803	33236.64	2355.699	1764.891	2395.126

Sample Name: Q3552-04LX5 Acquired: 11/7/2025 15:42:39 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0008980	-.014114	.0022405	-.000648	-.006387	.0002777
Stddev	.0026271	.002700	.0034821	.007423	.001675	.0861034
%RSD	292.5589	19.12971	155.4134	1145.894	26.22483	31001.73

#1	.0035222	-.010999	.0019136	.005804	-.006495	-.016139
#2	-.001732	-.015790	-.001067	.001013	-.008005	.093408
#3	.000904	-.015553	.005875	-.008760	-.004661	-.076435

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107402	.0004632	-.000759	151.4053	-.001188	.0002887
Stddev	.0026948	.0001320	.000197	.7764	.000168	.0002835
%RSD	25.09119	28.48966	25.98566	.5127686	14.17989	98.20698

#1	.0138339	.0006153	-.000648	152.2382	-.001164	-.000035
#2	.0089033	.0003936	-.000642	150.7016	-.001367	.000410
#3	.0094835	.0003806	-.000986	151.2762	-.001033	.000492

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000219	18.60750	.4727269	221.4962	.0022503	-.001176
Stddev	.000865	.22937	.0048638	1.3873	.0001948	.001705
%RSD	395.4413	1.232661	1.028871	.6263503	8.657506	144.9537

#1	-.000857	18.86308	.4781759	223.0078	.0023741	-.002111
#2	-.000565	18.41957	.4688244	221.1999	.0020258	.000792
#3	.000766	18.53985	.4711806	220.2810	.0023512	-.002208

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1377.062	.0064191	-.000428	41.44104	.4203733	-.001052
Stddev	17.998	.0135285	.000450	.39845	.0013908	.000677
%RSD	1.306966	210.7542	105.2457	.9614783	.3308481	64.33241

#1	1394.278	-.008093	-.000696	41.28127	.4208976	-.000322
#2	1358.373	.018682	.000092	41.14727	.4187966	-.001176
#3	1378.533	.008669	-.000679	41.89458	.4214258	-.001659

Sample Name: Q3552-04LX5 Acquired: 11/7/2025 15:42:39 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.004563	-.007484	4.262989	.1133744	F 133.3369	.0212791
Stddev	.001398	.008929	.025994	.0017462	.4045	.0061252
%RSD	30.63674	119.3148	.6097487	1.540207	.3033649	28.78506
#1	-.006005	-.002090	4.285078	.1153881	133.6177	.0142098
#2	-.003214	-.017790	4.234346	.1124577	132.8732	.0246221
#3	-.004471	-.002571	4.269542	.1122775	133.5197	.0250054

Elem	Sr4077
Units	ppm
Avg	1.711394
Stddev	.009033
%RSD	.5277915
#1	1.720228
#2	1.702176
#3	1.711777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.997	39423.49	2409.293	2189.939	2960.729
Stddev	7.082	185.36	9.103	10.750	4.765
%RSD	.2540057	.4701812	.3778251	.4908656	.1609371
#1	2780.054	39305.76	2404.857	2190.126	2955.517
#2	2790.285	39327.56	2403.259	2179.097	2961.807
#3	2793.651	39637.16	2419.764	2200.594	2964.862

Sample Name: Q3552-04MS Acquired: 11/7/2025 15:46:57 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.8876808	1.822197	.9989228	2.069705	.9026302	2.113226
Stddev	.0057810	.020157	.0034011	.004591	.0062875	.004275
%RSD	.6512505	1.106191	.3404778	.2218084	.6965749	.2023071

#1	.8907461	1.844996	1.002334	2.066596	.9098882	2.108321
#2	.8810127	1.814853	.995532	2.067540	.8988453	2.115197
#3	.8912837	1.806741	.998903	2.074978	.8991572	2.116159

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2763371	.1986668	.2028317	759.8524	.3827754	.2145383
Stddev	.0037635	.0012300	.0009088	2.3146	.0009756	.0008016
%RSD	1.361908	.6191395	.4480632	.3046074	.2548624	.3736593

#1	.2782256	.1989387	.2037363	758.7639	.3816596	.2136176
#2	.2787824	.1997381	.2019187	762.5106	.3834673	.2150813
#3	.2720034	.1973235	.2028402	758.2828	.3831993	.2149161

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2687529	110.3631	2.620514	1120.386	.5330512	.0935349
Stddev	.0020441	.7960	.006415	2.811	.0015508	.0007941
%RSD	.7605804	.7212316	.2448088	.2508830	.2909307	.8489454

#1	.2707578	109.7132	2.617505	1119.324	.5348115	.0927571
#2	.2688292	110.1253	2.627881	1123.573	.5318866	.0935034
#3	.2666718	111.2509	2.616157	1118.260	.5324554	.0943443

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 7029.201	.3079206	.2291145	265.3131	2.176995	.4152210
Stddev	30.372	.0077603	.0010086	4.6415	.014036	.0006115
%RSD	.4320866	2.520219	.4402281	1.749454	.6447487	.1472706

#1	7051.873	.2989702	.2296680	261.1988	2.179384	.4154475
#2	7041.037	.3120227	.2297252	264.3958	2.189684	.4156869
#3	6994.692	.3127690	.2279503	270.3448	2.161918	.4145286

Sample Name: Q3552-04MS Acquired: 11/7/2025 15:46:57 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.7426874	.1807310	F 26.81569	8.181511	F 735.0177	.2320453
Stddev	.0011545	.0066284	.08374	.010627	3.3713	.0092373
%RSD	.1554536	3.667539	.3122654	.1298950	.4586710	3.980816
#1	.7433661	.1883764	26.74111	8.184896	738.9106	.2215406
#2	.7433417	.1765977	26.90628	8.169603	733.0759	.2388996
#3	.7413543	.1772189	26.79970	8.190033	733.0668	.2356958

Elem	Sr4077
Units	ppm
Avg	9.324734
Stddev	.099957
%RSD	1.071956
#1	9.439793
#2	9.275119
#3	9.259291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.059	32757.00	2261.410	1768.104	2283.170
Stddev	5.350	105.77	22.807	7.133	7.190
%RSD	.2372656	.3229051	1.008518	.4034168	.3149203
#1	2257.088	32691.27	2251.274	1766.202	2287.139
#2	2259.099	32700.71	2245.428	1762.116	2287.501
#3	2248.991	32879.02	2287.528	1775.996	2274.871

Sample Name: Q3552-04MSD Acquired: 11/7/2025 15:51:15 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.8420924	1.778872	.9568855	1.967860	.8265065	2.049882
Stddev	.0056234	.026569	.0049350	.019054	.0077377	.026582
%RSD	.6677919	1.493612	.5157367	.9682693	.9361925	1.296751

#1	.8455419	1.766192	.9512950	1.968905	.8296137	2.077138
#2	.8356033	1.761019	.9606368	1.948304	.8322076	2.048477
#3	.8451320	1.809406	.9587247	1.986370	.8176982	2.024030

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597033	.1920210	.1946733	706.1433	.3809050	.2060326
Stddev	.0054934	.0003650	.0005197	8.3878	.0008587	.0008087
%RSD	2.115255	.1900720	.2669829	1.187834	.2254395	.3924934

#1	.2554164	.1918065	.1947738	696.4990	.3806962	.2068743
#2	.2658957	.1924424	.1941107	711.7373	.3801700	.2052616
#3	.2577979	.1918141	.1951355	710.1936	.3818489	.2059618

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597857	101.0694	2.457255	1040.772	.5152178	.0889492
Stddev	.0011367	1.1981	.025611	12.821	.0018203	.0017036
%RSD	.4375650	1.185403	1.042252	1.231876	.3533011	1.915304

#1	.2608250	99.7236	2.427837	1026.002	.5141440	.0871892
#2	.2585717	101.4648	2.474583	1049.028	.5141900	.0890682
#3	.2599603	102.0198	2.469345	1047.286	.5173195	.0905903

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6509.634	.2985345	.2152201	248.4640	2.051934	.3877198
Stddev	15.383	.0100571	.0010370	5.7857	.006341	.0010367
%RSD	.2363057	3.368816	.4818345	2.328567	.3090224	.2673757

#1	6498.897	.3064320	.2159809	241.8943	2.048397	.3886181
#2	6527.256	.3019591	.2156405	250.6984	2.059254	.3865855
#3	6502.747	.2872123	.2140389	252.7993	2.048150	.3879558

Sample Name: Q3552-04MSD Acquired: 11/7/2025 15:51:15 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.6930277	.1652505	F 24.45367	7.751235	F 676.5716	.2142141
Stddev	.0051596	.0013140	.31260	.036976	5.1198	.0015642
%RSD	.7445007	.7951647	1.278316	.4770316	.7567197	.7302207
#1	.6888075	.1656473	24.09494	7.754992	675.6459	.2157250
#2	.6914957	.1663203	24.59844	7.712524	671.9778	.2126015
#3	.6987798	.1637838	24.66764	7.786189	682.0910	.2143160

Elem	Sr4077
Units	ppm
Avg	8.719016
Stddev	.041897
%RSD	.4805247
#1	8.694254
#2	8.695403
#3	8.767390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.034	33166.39	2240.117	1817.064	2336.384
Stddev	10.554	229.78	13.002	17.402	10.825
%RSD	.4576763	.6928199	.5804362	.9577058	.4633291
#1	2295.718	33390.13	2252.710	1823.538	2324.235
#2	2305.572	33178.03	2240.900	1830.301	2339.913
#3	2316.812	32931.01	2226.741	1797.352	2345.005

Sample Name: Q3552-04A Acquired: 11/7/2025 15:55:33 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.8316615	1.930239	.9414134	1.976366	.8137668	1.998239
Stddev	.0051389	.004693	.0080985	.013393	.0098300	.029687
%RSD	.6179021	.2431384	.8602486	.6776826	1.207966	1.485665

#1	.8291194	1.935569	.9347853	1.960902	.8242543	1.985601
#2	.8375759	1.926723	.9390147	1.984235	.8047630	1.976963
#3	.8282891	1.928426	.9504403	1.983962	.8122830	2.032154

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2556236	.1881003	.1917775	703.8653	.3607014	.2019645
Stddev	.0052914	.0010566	.0008647	1.3567	.0013729	.0012355
%RSD	2.070014	.5617270	.4509068	.1927438	.3806122	.6117601

#1	.2615981	.1891730	.1907994	705.4310	.3610994	.2006793
#2	.2537446	.1880673	.1920927	703.0373	.3591735	.2031435
#3	.2515281	.1870606	.1924405	703.1276	.3618313	.2020706

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2535021	100.9119	2.419454	1040.292	.5019048	.0867277
Stddev	.0020883	.6029	.008460	.855	.0011823	.0015446
%RSD	.8237863	.5974114	.3496614	.0822120	.2355676	1.780934

#1	.2558979	100.2175	2.421271	1041.082	.5005406	.0884963
#2	.2520671	101.3004	2.426858	1039.384	.5025399	.0856441
#3	.2525414	101.2180	2.410233	1040.410	.5026338	.0860427

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6273.576	.2988517	.2127421	250.2953	2.033854	.3797900
Stddev	61.093	.0070276	.0004129	3.4647	.010463	.0010039
%RSD	.9738220	2.351540	.1940835	1.384238	.5144395	.2643345

#1	6334.510	.2912830	.2129377	246.9699	2.043326	.3786793
#2	6212.324	.3001017	.2122677	250.0318	2.035613	.3800582
#3	6273.895	.3051705	.2130208	253.8842	2.022623	.3806326

Sample Name: Q3552-04A Acquired: 11/7/2025 15:55:33 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.6807581	.1528054	F 24.50419	7.559974	F 685.3378	.2063357
Stddev	.0023315	.0091256	.18755	.031382	1.8599	.0079104
%RSD	.3424779	5.972031	.7653643	.4151124	.2713891	3.833735
#1	.6781434	.1487649	24.31536	7.523738	683.1906	.1972609
#2	.6826204	.1632537	24.50678	7.578312	686.3739	.2099733
#3	.6815105	.1463976	24.69043	7.577874	686.4489	.2117729

Elem	Sr4077
Units	ppm
Avg	8.654597
Stddev	.061618
%RSD	.7119699
#1	8.677156
#2	8.701756
#3	8.584878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.007	33900.07	2304.888	1830.505	2382.754
Stddev	6.470	91.86	16.701	5.330	10.641
%RSD	.2753101	.2709715	.7245940	.2911642	.4465983
#1	2353.435	33860.23	2286.385	1825.487	2392.999
#2	2354.040	34005.12	2309.431	1836.100	2383.505
#3	2342.544	33834.86	2318.847	1829.928	2371.757

Sample Name: Q3552-05 Acquired: 11/7/2025 15:59:51 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0530944	-.024281	.2019440	-.014604	-.015751	38.76131
Stddev	.0051059	.002682	.0033728	.005007	.003129	.10262
%RSD	9.616705	11.04421	1.670155	34.28624	19.86501	.2647557

#1	.0473489	-.025678	.2023412	-.016099	-.019344	38.77369
#2	.0571127	-.021190	.1983903	-.018693	-.014285	38.85718
#3	.0548216	-.025976	.2051007	-.009019	-.013625	38.65305

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6164713	.0057320	.0009209	256.9869	.0824243	.0428334
Stddev	.0098160	.0000830	.0001846	.6224	.0006508	.0003422
%RSD	1.592292	1.448035	20.04601	.2422067	.7895964	.7987970

#1	.6122173	.0058270	.0007089	256.8138	.0822189	.0429362
#2	.6276967	.0056950	.0010457	257.6775	.0831530	.0424516
#3	.6094998	.0056739	.0010082	256.4693	.0819009	.0431124

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166756	170.6625	1.364545	97.92698	.1424308	.0073181
Stddev	.0011115	1.3142	.006863	.57151	.0009974	.0012231
%RSD	.9526261	.7700823	.5029447	.5836117	.7003055	16.71375

#1	.1156683	171.8327	1.366579	98.32324	.1417673	.0086611
#2	.1178680	169.2406	1.370160	98.18587	.1419472	.0070255
#3	.1164904	170.9141	1.356895	97.27184	.1435779	.0062679

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	433.1277	.1238951	1.021929	145.4651	4.302507	.0123360
Stddev	3.1947	.0047570	.003353	1.1019	.046850	.0006351
%RSD	.7375876	3.839512	.3281312	.7575125	1.088906	5.148065

#1	435.7286	.1242467	1.018096	146.4834	4.261813	.0127317
#2	429.5618	.1284665	1.024321	144.2953	4.353724	.0116035
#3	434.0928	.1189721	1.023371	145.6166	4.291984	.0126728

Sample Name: Q3552-05 Acquired: 11/7/2025 15:59:51 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0110245	1.048540	F 68.08898	8.845842	F 48.09784	.0867056
Stddev	.0008103	.014163	.56215	.037537	.21773	.0083321
%RSD	7.349608	1.350761	.8256155	.4243413	.4526733	9.609687

#1	.0110383	1.032186	68.35434	8.859948	48.07097	.0961416
#2	.0102075	1.056822	67.44326	8.803296	47.89479	.0803613
#3	.0118278	1.056612	68.46933	8.874282	48.32775	.0836138

Elem	Sr4077
Units	ppm
Avg	1.161175
Stddev	.004576
%RSD	.3940475

#1	1.163151
#2	1.164430
#3	1.155943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.524	43957.52	2552.567	2394.362	3223.779
Stddev	7.628	127.07	18.523	7.304	5.957
%RSD	.2492475	.2890651	.7256546	.3050622	.1847691

#1	3051.797	43885.62	2565.630	2392.895	3217.845
#2	3065.918	44104.23	2531.369	2402.288	3229.758
#3	3063.858	43882.70	2560.703	2387.902	3223.733

Sample Name: CCV03 Acquired: 11/7/2025 16:03:54 Type: Unk
Method: 6010-200.7 NEW(v347) 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	4.895937	5.070515	4.865310	4.928942	4.913961	9.766983	9.721109
Stddev	.023171	.104031	.002790	.007717	.008150	.020910	.023270
%RSD	.4732693	2.051688	.0573540	.1565749	.1658516	.2140889	.2393805

#1	4.870114	4.984964	4.868362	4.920391	4.913253	9.747938	9.747979
#2	4.914911	5.040262	4.864677	4.931045	4.922441	9.763652	9.707823
#3	4.902786	5.186319	4.862890	4.935390	4.906188	9.789358	9.707525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2427884	2.434609	24.61192	.9745144	2.442395	1.234663	4.956374
Stddev	.0023940	.000742	.12571	.0048818	.001702	.001780	.049262
%RSD	.9860279	.0304776	.5107620	.5009439	.0696950	.1442009	.9939111

#1	.2401109	2.434071	24.57310	.9703346	2.442704	1.234022	5.013251
#2	.2447225	2.435455	24.51019	.9733290	2.443922	1.236675	4.927222
#3	.2435318	2.434300	24.75245	.9798798	2.440560	1.233292	4.928648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.477519	24.42169	2.439115	1.203579	22.61387	2.478904	2.433384
Stddev	.002757	.06401	.002152	.003517	.19661	.010834	.012119
%RSD	.1112651	.2620849	.0882113	.2922343	.8694187	.4370610	.4980324

#1	2.480083	24.43178	2.441401	1.199975	22.61195	2.469366	2.422699
#2	2.477871	24.35324	2.438815	1.203761	22.41822	2.476663	2.430899
#3	2.474603	24.48005	2.437129	1.207002	22.81143	2.490684	2.446552

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.38544	4.810986	4.997671	4.911740	4.938464	5.130391	4.766999
Stddev	.03808	.044449	.007478	.004928	.005325	.104728	.006651
%RSD	.1443279	.9239052	.1496316	.1003245	.1078323	2.041327	.1395225

#1	26.36824	4.763429	4.991532	4.906062	4.940890	5.212433	4.759332
#2	26.35899	4.851481	5.005999	4.914257	4.942144	5.012429	4.770448
#3	26.42909	4.818049	4.995480	4.914900	4.932357	5.166309	4.771217

Sample Name: CCV03 Acquired: 11/7/2025 16:03:54 Type: Unk
Method: 6010-200.7 NEW(v347) 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	4.992747	4.612748	4.933659
Stddev	.010845	.011020	.009950
%RSD	.2172128	.2389132	.2016689
#1	4.980330	4.620058	4.945147
#2	5.000359	4.618114	4.927863
#3	4.997552	4.600072	4.927966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.508	46124.20	2553.697	2456.417	3631.405
Stddev	4.827	217.04	23.731	17.783	1.629
%RSD	.1534960	.4705584	.9292888	.7239457	.0448716
#1	3147.788	46272.52	2580.834	2466.478	3631.322
#2	3138.966	46225.00	2536.835	2466.889	3629.819
#3	3146.770	45875.09	2543.421	2435.884	3633.075

Sample Name: CCB03 Acquired: 11/7/2025 16:07:50 Type: Unk
Method: 6010-200.7 NEW(v347) 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	.0026196	-.018247	-.001265	-.002300	-.003915	-.003379
Stddev	.0027791	.001728	.001789	.004135	.005204	.027977
%RSD	106.0874	9.471554	141.4100	179.7909	132.9186	828.0483

#1	.0055545	-.019813	-.000369	-.006377	-.008621	-.008528
#2	.0022760	-.018535	-.003324	.001890	.001674	-.028423
#3	.0000283	-.016393	-.000101	-.002412	-.004798	.026815

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005208	-.000088	-.000158	.0250544	-.000051	-.000206
Stddev	.005547	.000050	.000100	.0344776	.000869	.000170
%RSD	106.5013	57.28732	63.48277	137.6109	1713.709	82.72103

#1	-.007782	-.000072	-.000107	-.014745	-.001010	-.000307
#2	-.009000	-.000144	-.000094	.045780	.000176	-.000301
#3	.001158	-.000048	-.000274	.044129	.000682	-.000009

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001238	.0040582	.0033429	-.001740	.0001592	-.001661
Stddev	.0004666	.0043384	.0008198	.050625	.0010120	.000492
%RSD	377.0385	106.9038	24.52394	2910.276	635.8311	29.58644

#1	.0003640	-.000947	.0033803	.025323	-.001009	-.001645
#2	-.000414	.006382	.0025050	-.060143	.000734	-.001178
#3	.000421	.006739	.0041433	.029602	.000753	-.002161

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5514352	.0014597	-.000880	.1573462	.0054326	-.000124
Stddev	.0703398	.0060983	.000353	.0594912	.0014774	.000600
%RSD	12.75576	417.7759	40.13855	37.80913	27.19503	484.4428

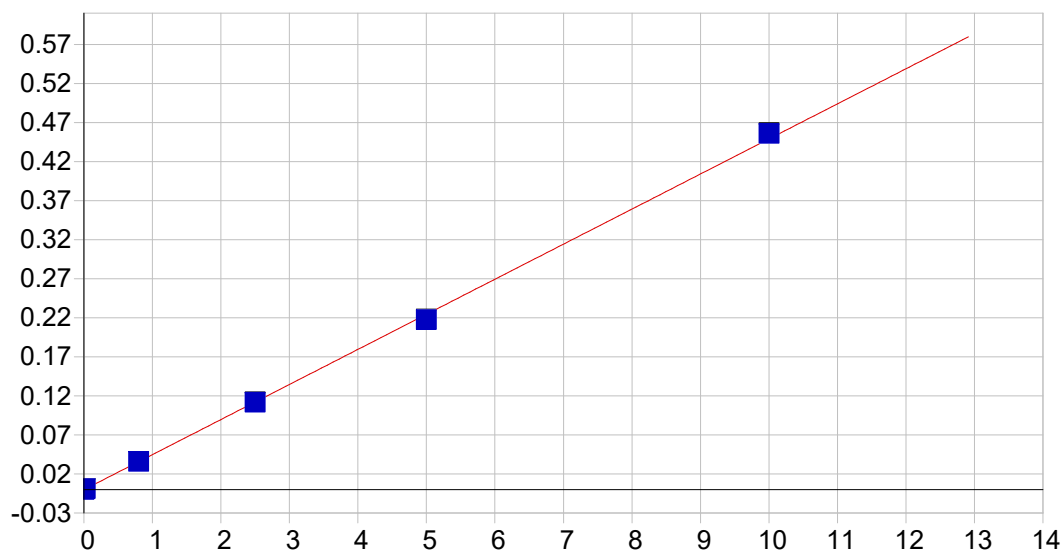
#1	.5535499	-.002412	-.001215	.1879602	.0037898	-.000061
#2	.6206938	.008489	-.000511	.1952961	.0058560	.000443
#3	.4800620	-.001698	-.000914	.0887823	.0066521	-.000753

Sample Name: CCB03 Acquired: 11/7/2025 16:07:50 Type: Unk
Method: 6010-200.7 NEW(v347) 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	-.008296	-.002938	-.007982	-.000462	F .0144950	F -.013262
Stddev	.001248	.003315	.021057	.000409	.0015147	.000118
%RSD	15.04731	112.8210	263.8144	88.48861	10.44969	.8886377
#1	-.007749	-.006482	.014242	-.000822	.0128196	-.013227
#2	-.007415	-.002420	-.027637	-.000018	.0157674	-.013394
#3	-.009725	.000087	-.010550	-.000546	.0148979	-.013166

Elem	Sr4077
Units	ppm
Avg	.0002608
Stddev	.0001076
%RSD	41.25904
#1	.0001941
#2	.0002033
#3	.0003849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.840	46866.19	2483.354	2549.924	4089.086
Stddev	66.929	654.54	19.720	42.884	89.106
%RSD	2.056933	1.396623	.7940898	1.681779	2.179119
#1	3331.041	47487.73	2505.542	2580.870	4191.976
#2	3218.324	46183.00	2476.694	2500.972	4038.090
#3	3212.155	46927.83	2467.827	2567.929	4037.193

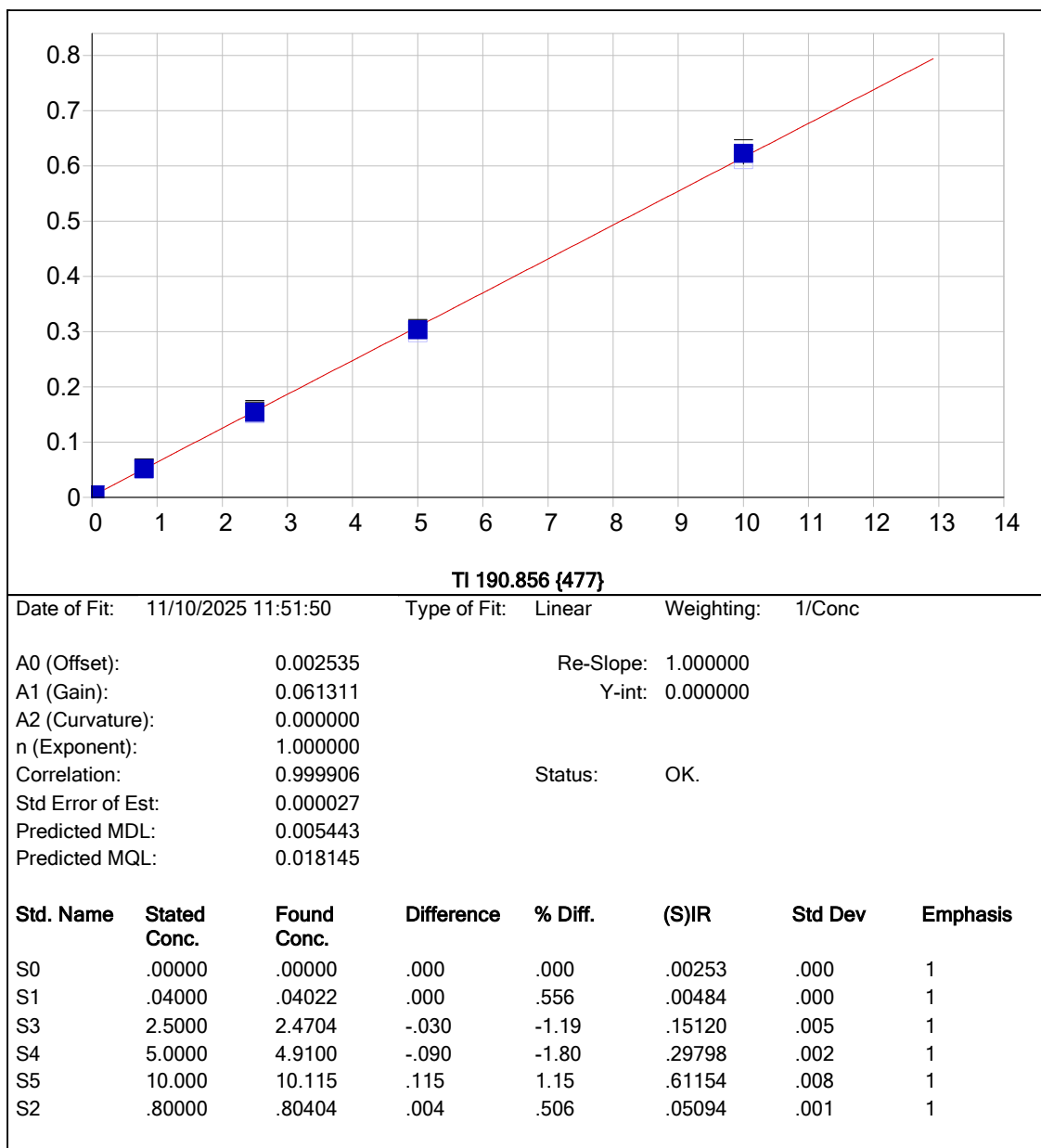


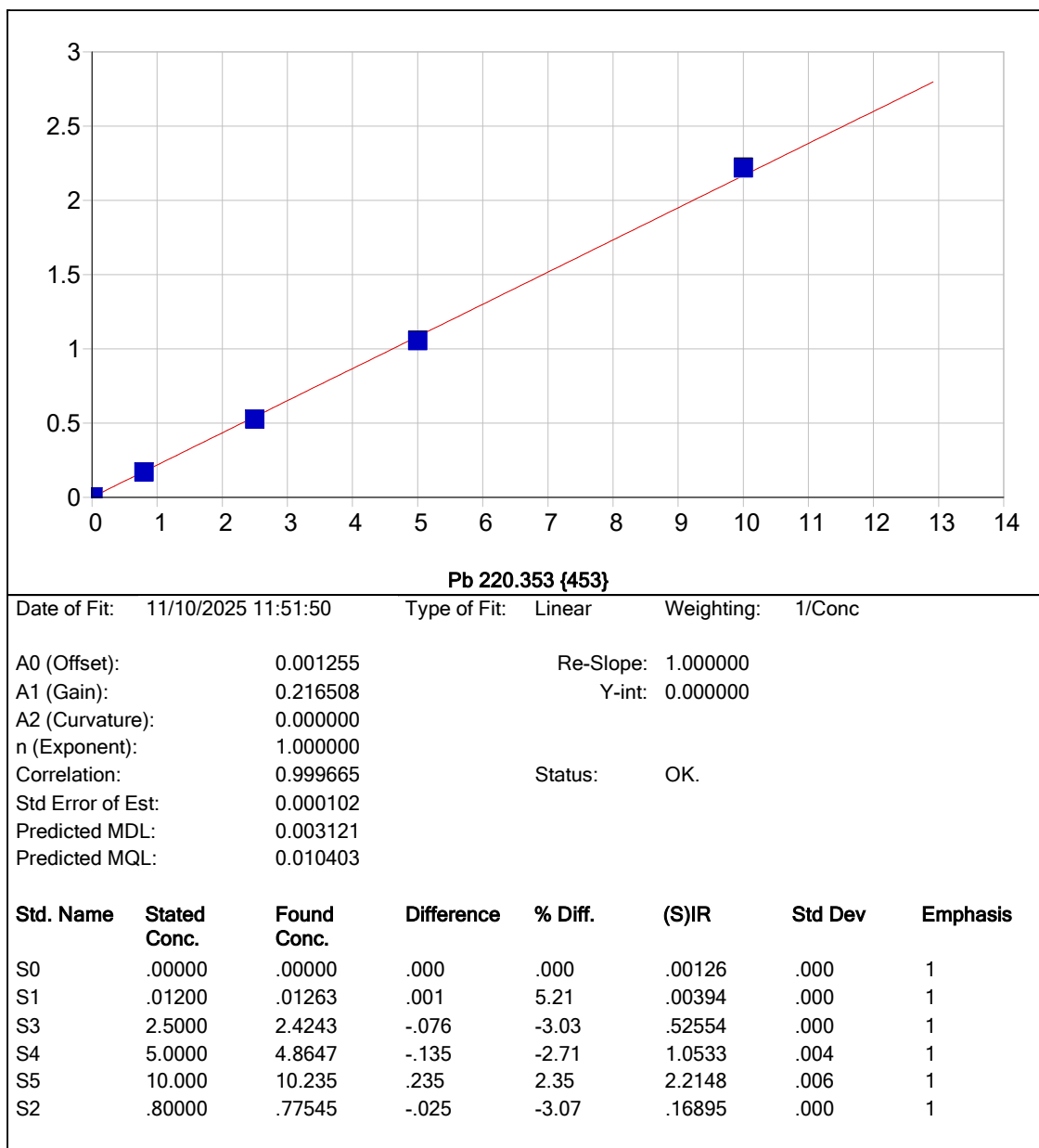
As 189.042 {479}

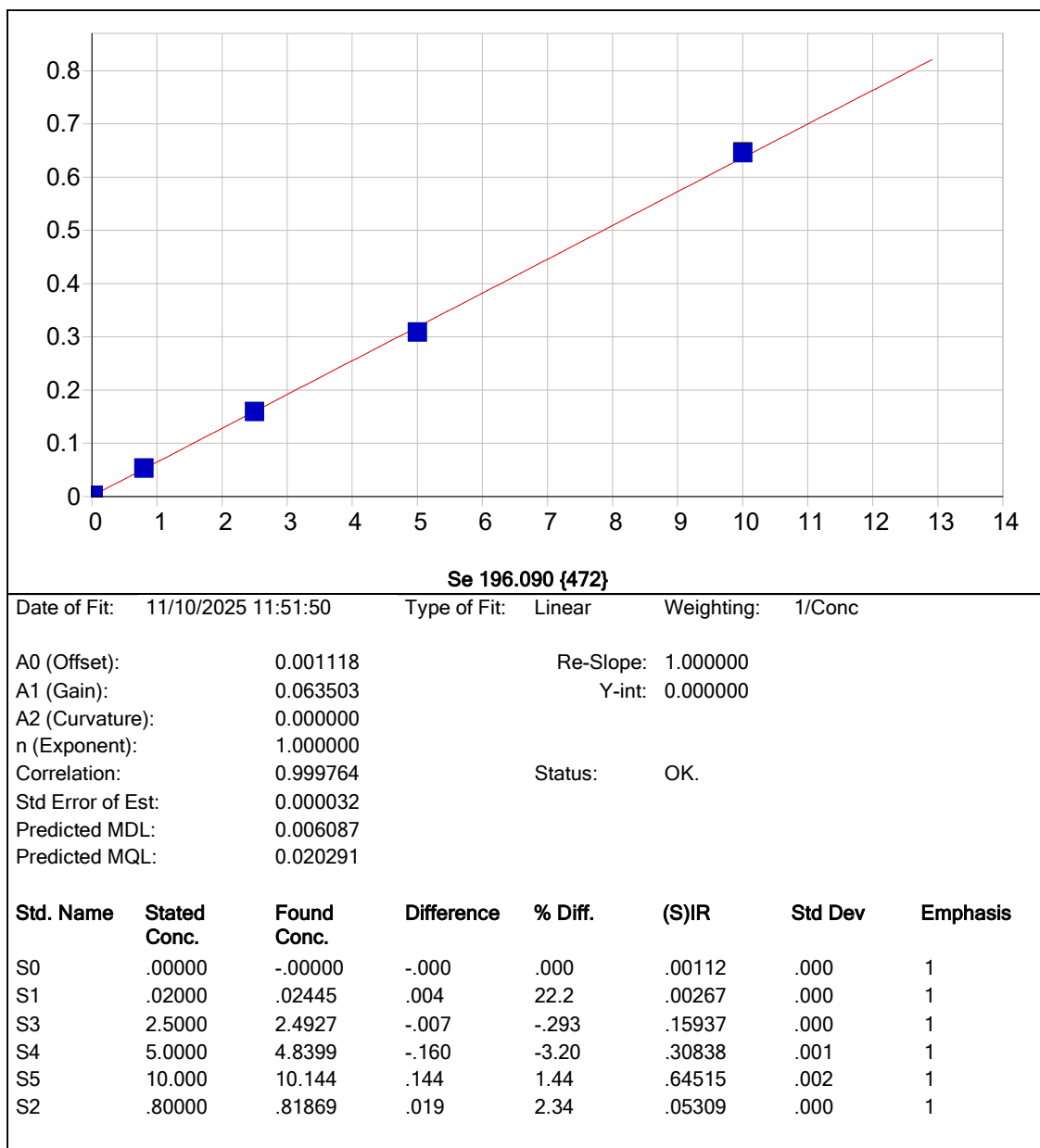
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

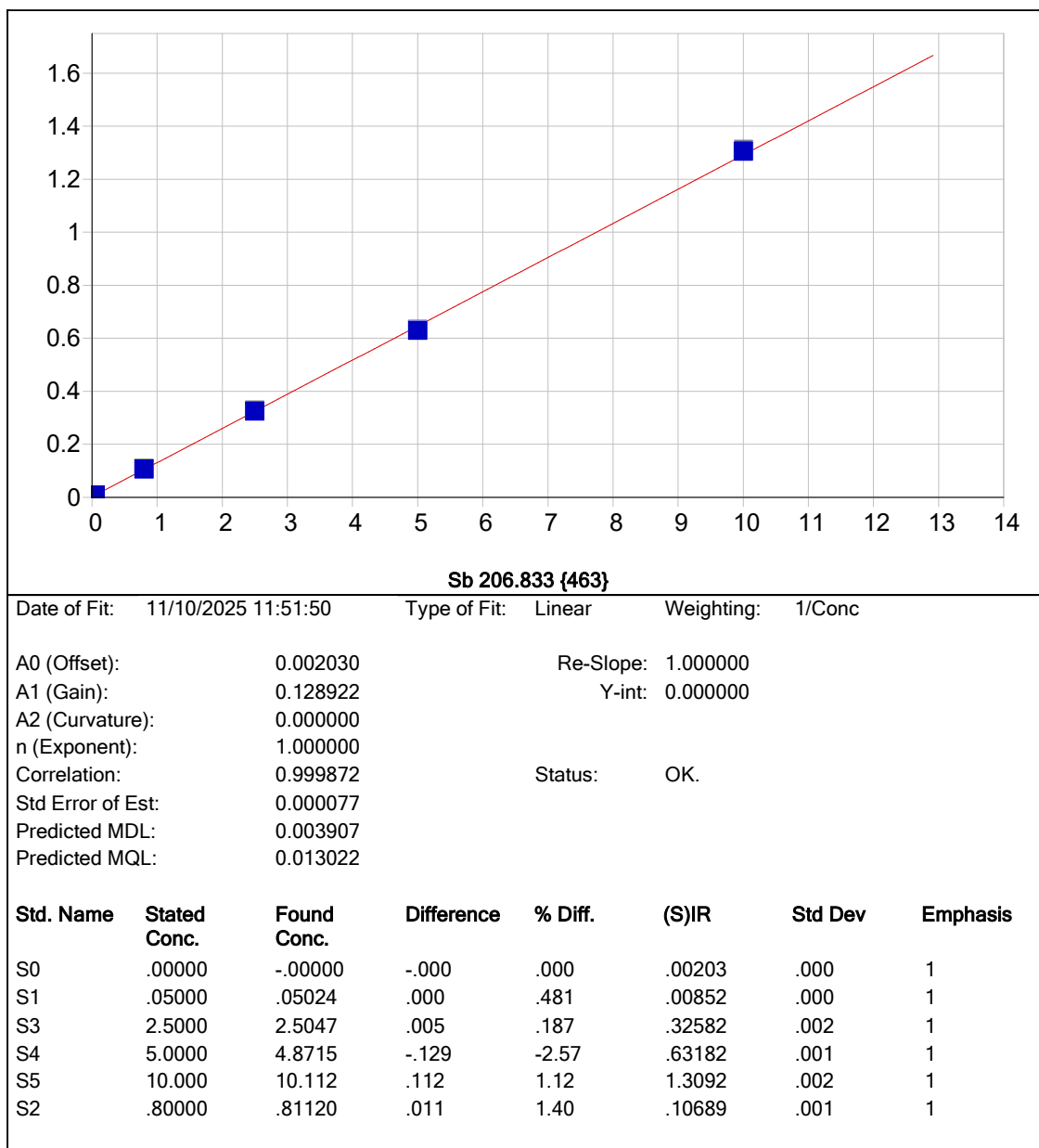
A0 (Offset): -0.000114 Re-Slope: 1.000000
A1 (Gain): 0.044908 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999759 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.006062
Predicted MQL: 0.020207

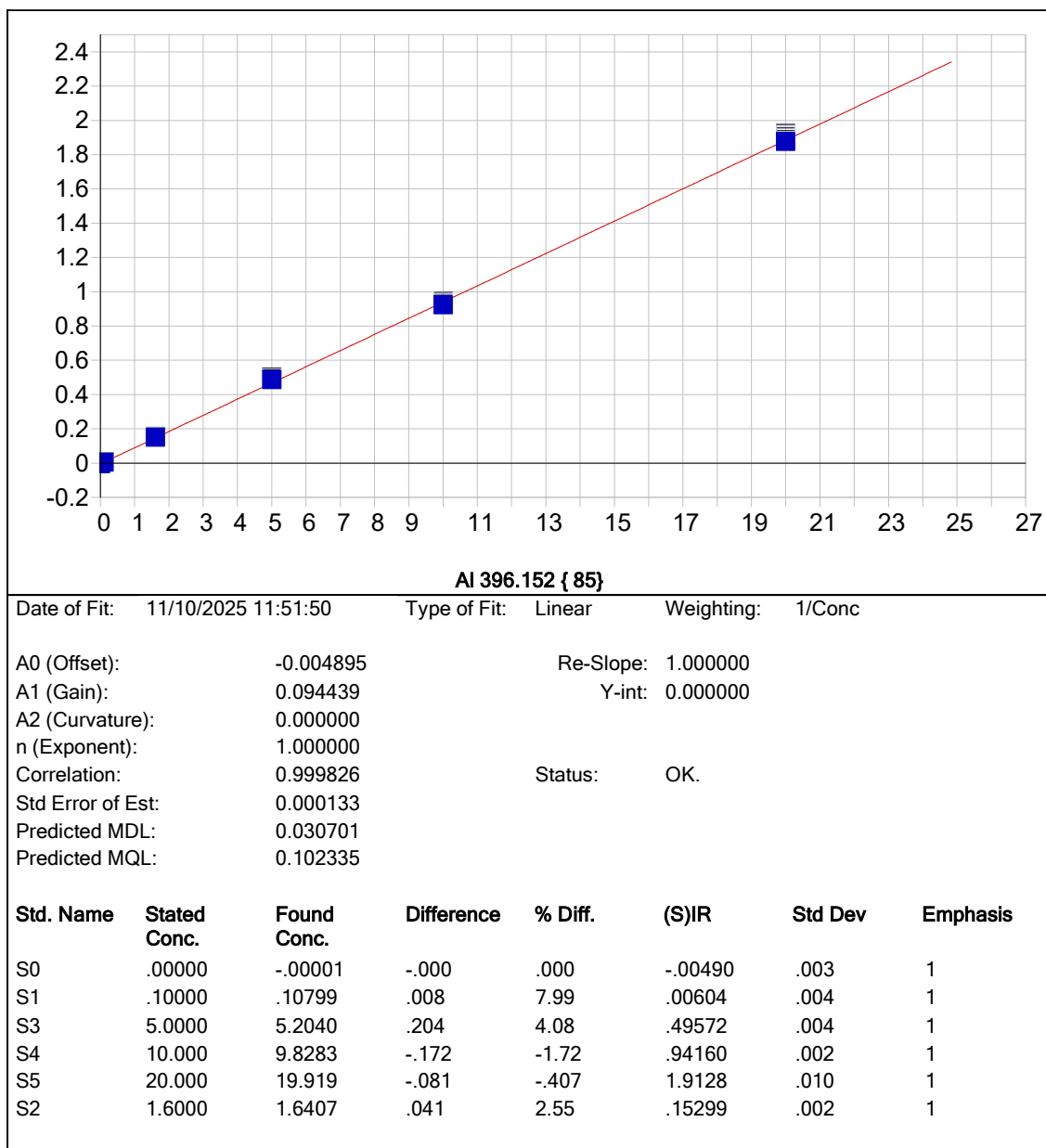
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.02000	.02594	.006	29.7	.00105	.000	1
S3	2.5000	2.4892	-.011	-.432	.11155	.000	1
S4	5.0000	4.8490	-.151	-3.02	.21741	.000	1
S5	10.000	10.157	.157	1.57	.45554	.001	1
S2	.80000	.79931	-.001	-.086	.03574	.000	1

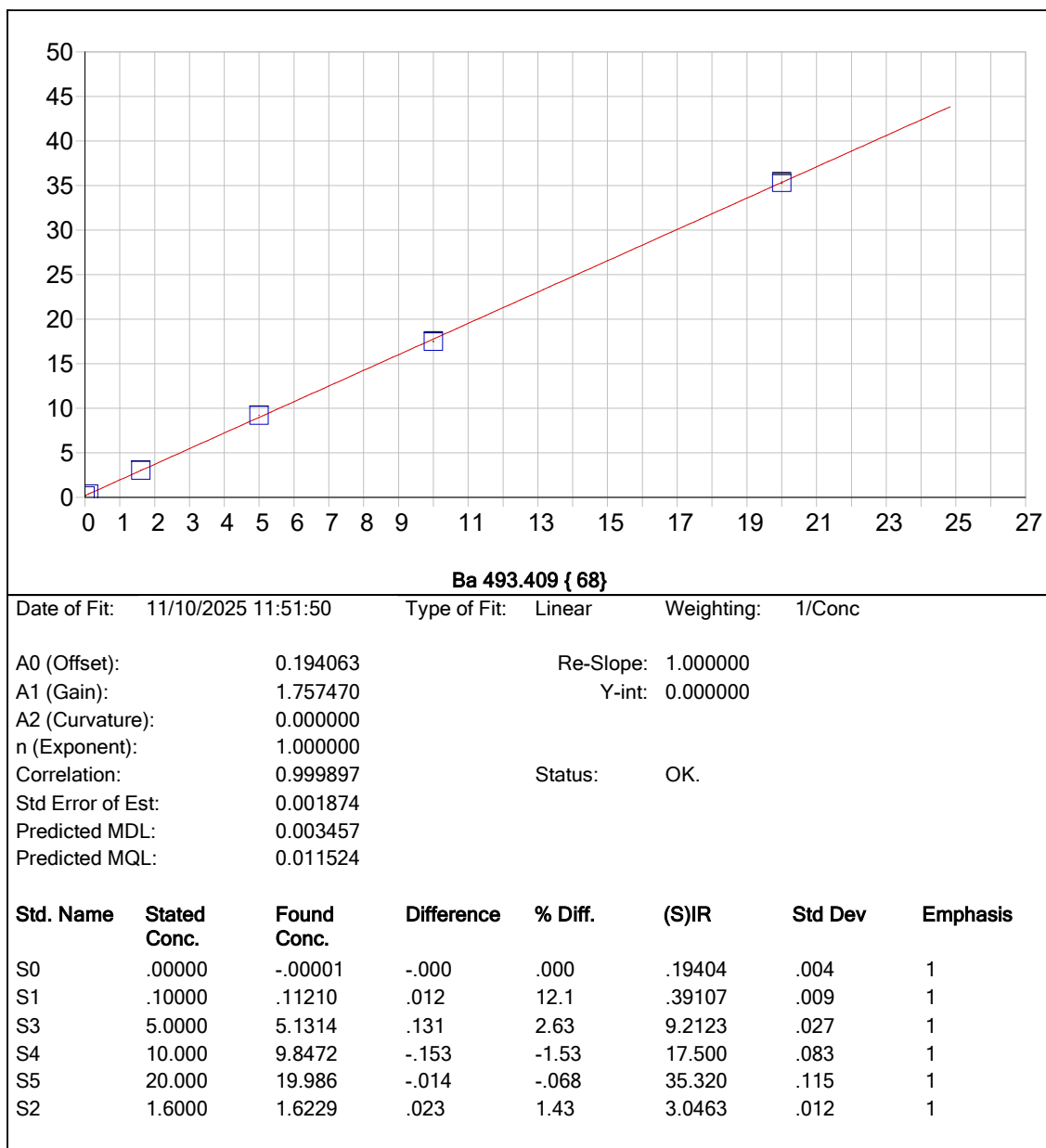


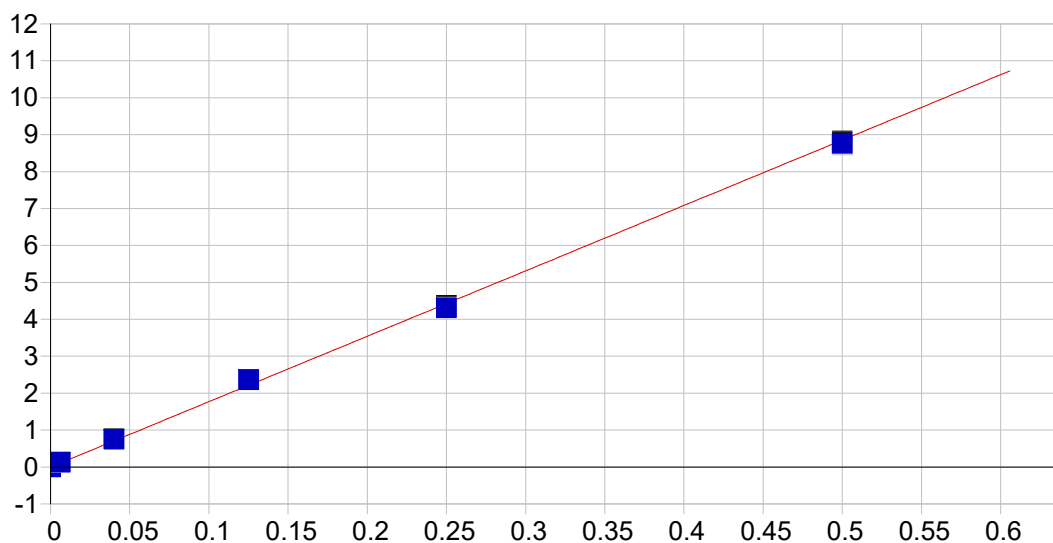










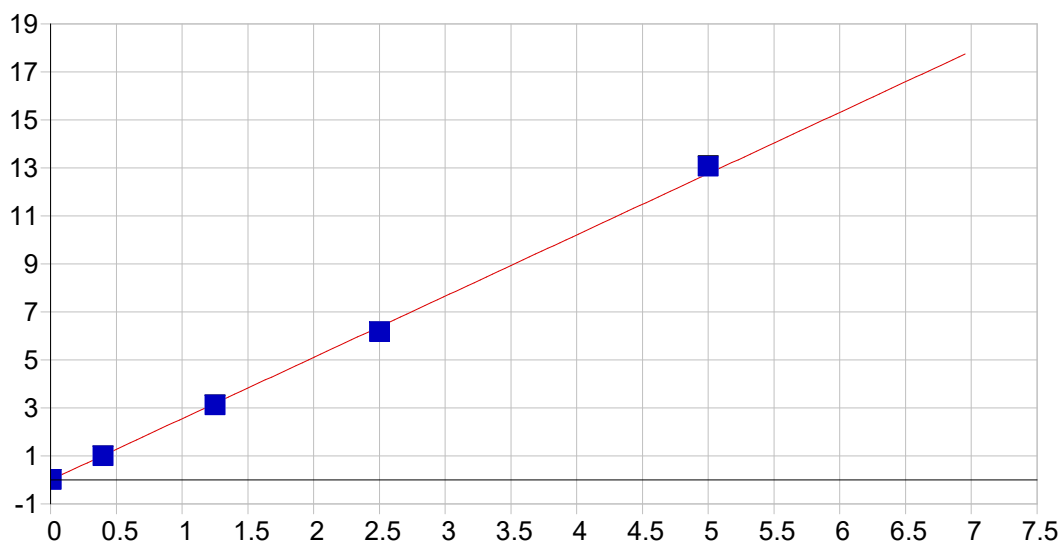


Be 234.861 {144}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002784 Re-Slope: 1.000000
A1 (Gain): 17.712843 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999385 Status: OK.
Std Error of Est: 0.001780
Predicted MDL: 0.000110
Predicted MQL: 0.000368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00281	.001	1
S1	.00600	.00708	.001	18.0	.12178	.001	1
S3	.12500	.13340	.008	6.72	2.3501	.006	1
S4	.25000	.24363	-.006	-2.55	4.2927	.061	1
S5	.50000	.49451	-.005	-1.10	8.7167	.074	1
S2	.04000	.04239	.002	5.98	.74493	.007	1

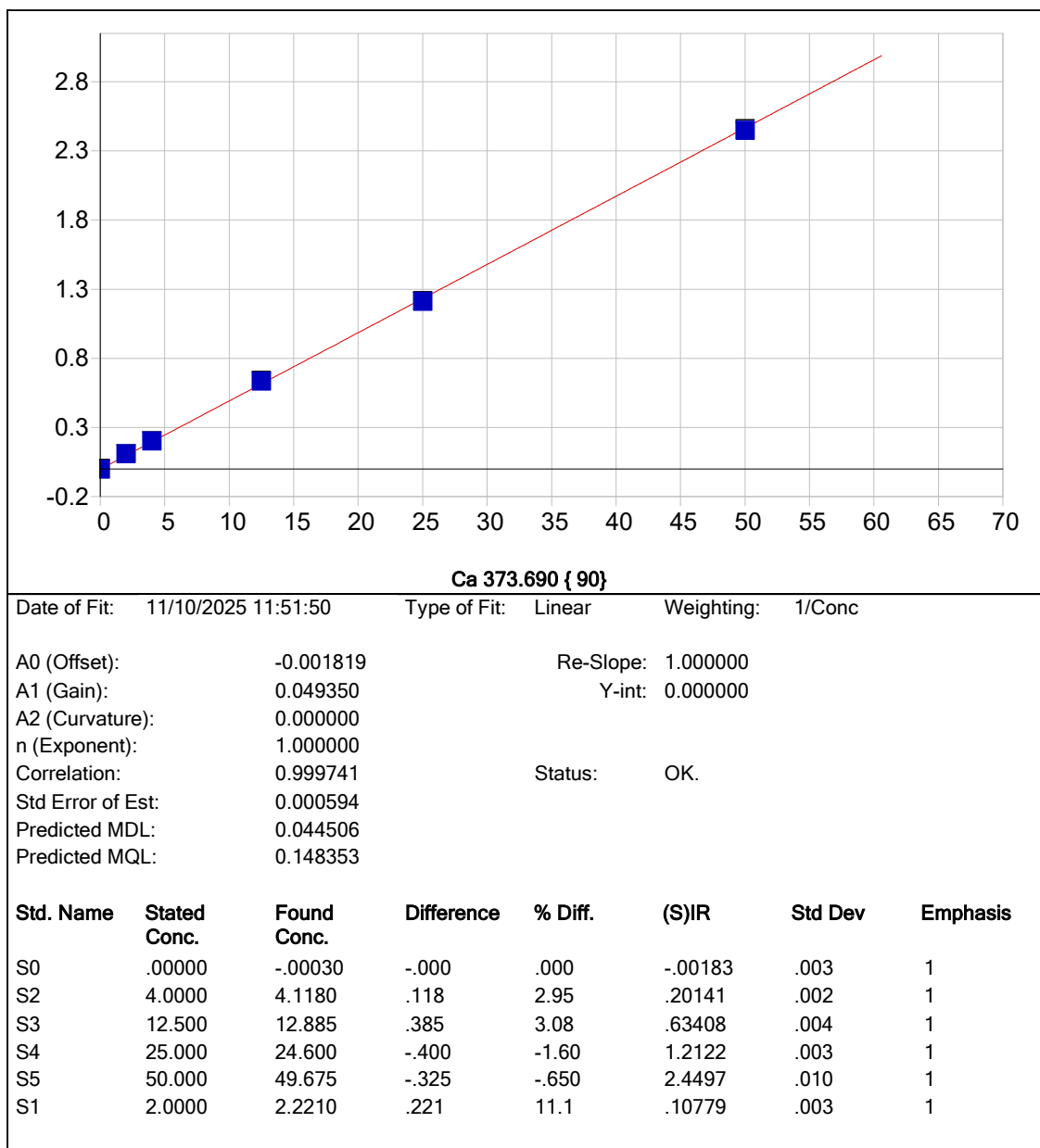


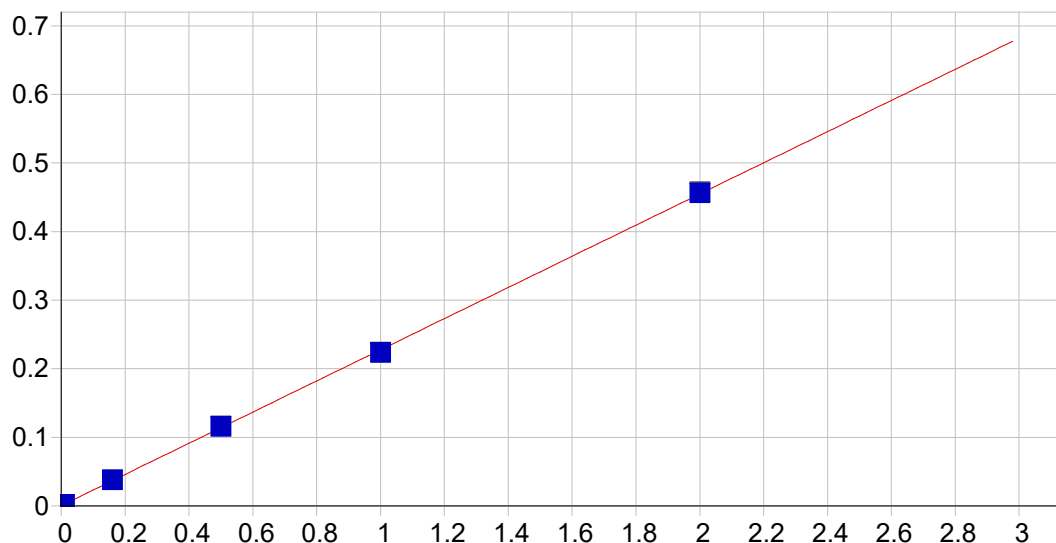
Cd 226.502 {449}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002015 Re-Slope: 1.000000
A1 (Gain): 2.552566 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999659 Status: OK.
Std Error of Est: 0.000605
Predicted MDL: 0.000186
Predicted MQL: 0.000620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00201	.000	1
S1	.00600	.00622	.000	3.73	.01392	.000	1
S3	1.2500	1.2220	-.028	-2.24	3.1194	.005	1
S4	2.5000	2.4196	-.080	-3.22	6.1784	.007	1
S5	5.0000	5.1181	.118	2.36	13.071	.018	1
S2	.40000	.39005	-.010	-2.49	.99428	.002	1



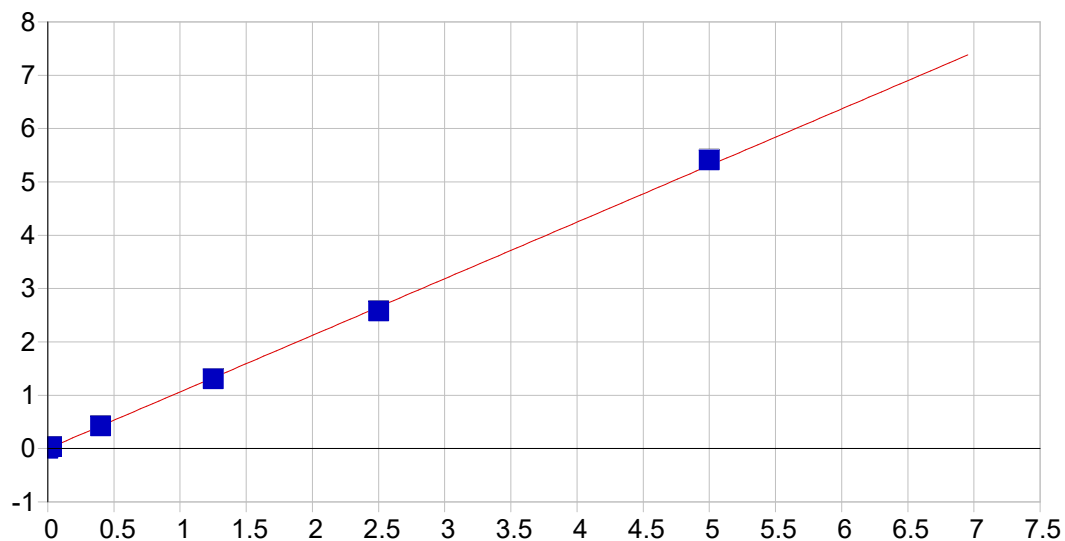


Cr 267.716 {126}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000421 Re-Slope: 1.000000
A1 (Gain): 0.227228 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999906 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.000960
Predicted MQL: 0.003201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01046	.000	4.57	.00280	.000	1
S3	.50000	.50745	.007	1.49	.11582	.000	1
S4	1.0000	.98101	-.019	-1.90	.22352	.001	1
S5	2.0000	2.0056	.006	.282	.45652	.001	1
S2	.16000	.16544	.005	3.40	.03804	.000	1

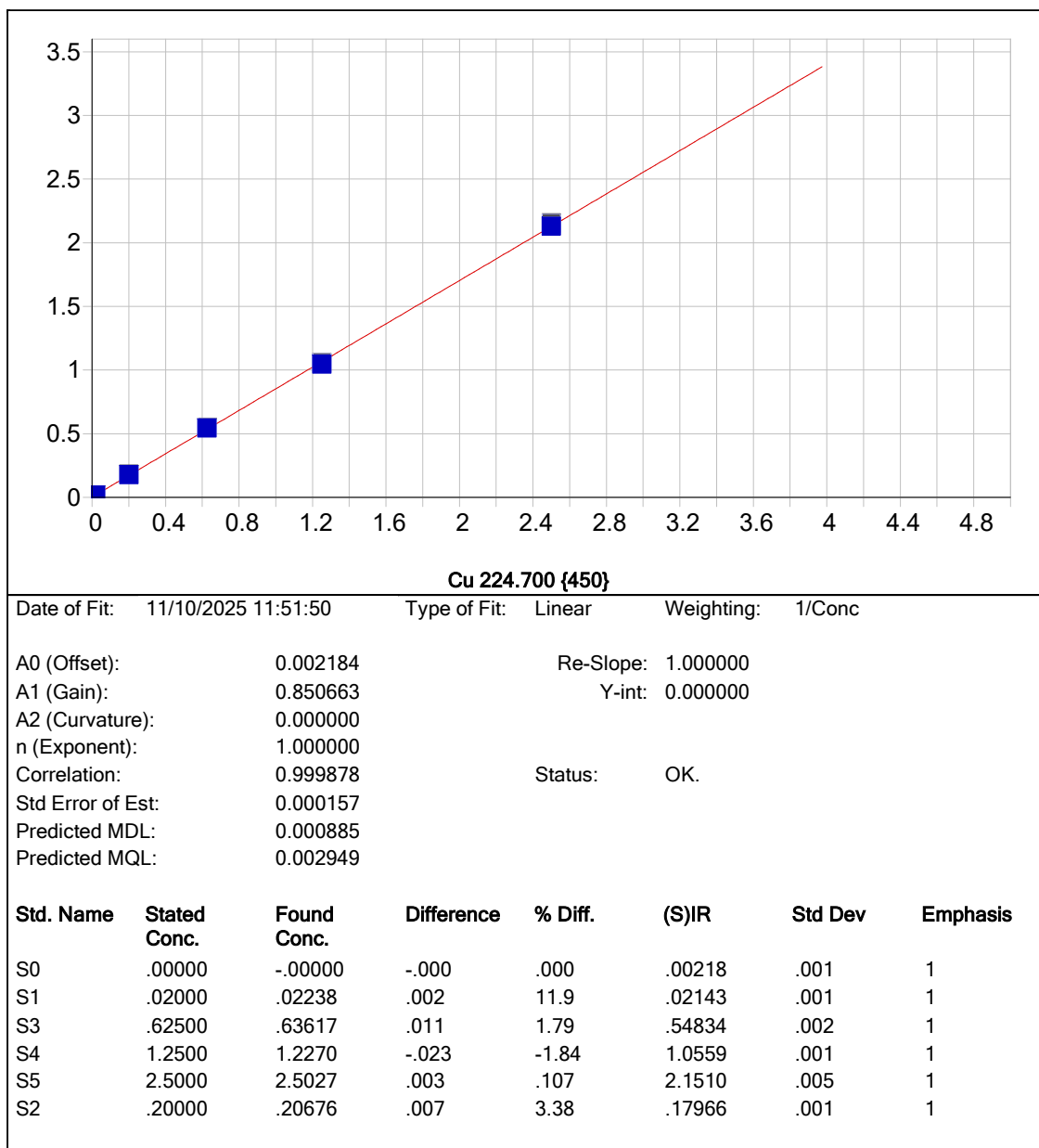


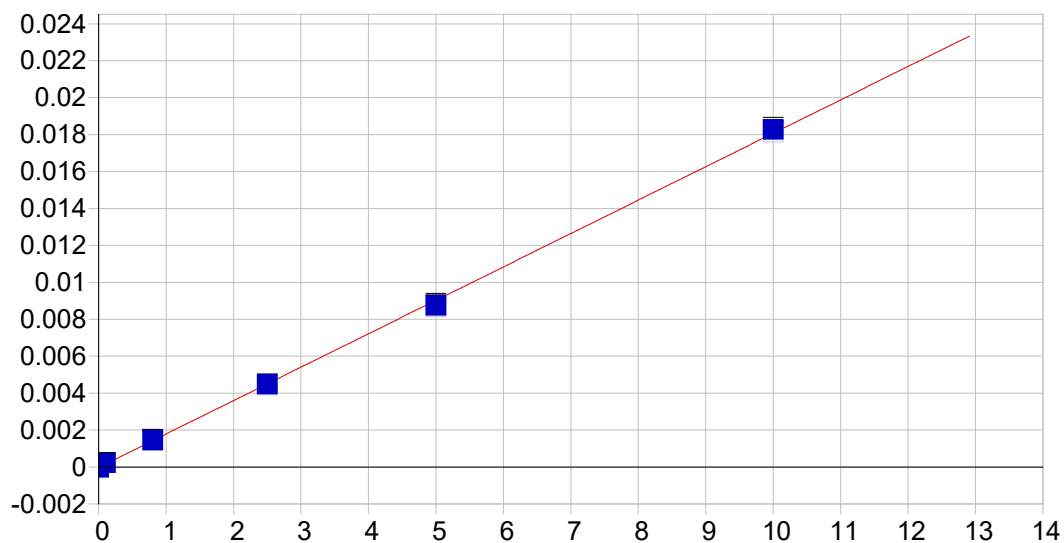
Co 228.616 {448}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
A1 (Gain): 1.061420 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999753 Status: OK.
Std Error of Est: 0.000480
Predicted MDL: 0.000414
Predicted MQL: 0.001382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.03000	.03155	.002	5.15	.03355	.000	1
S3	1.2500	1.2309	-.019	-1.53	1.3090	.001	1
S4	2.5000	2.4256	-.074	-2.98	2.5793	.002	1
S5	5.0000	5.0973	.097	1.95	5.4196	.004	1
S2	.40000	.39460	-.005	-1.35	.41976	.002	1



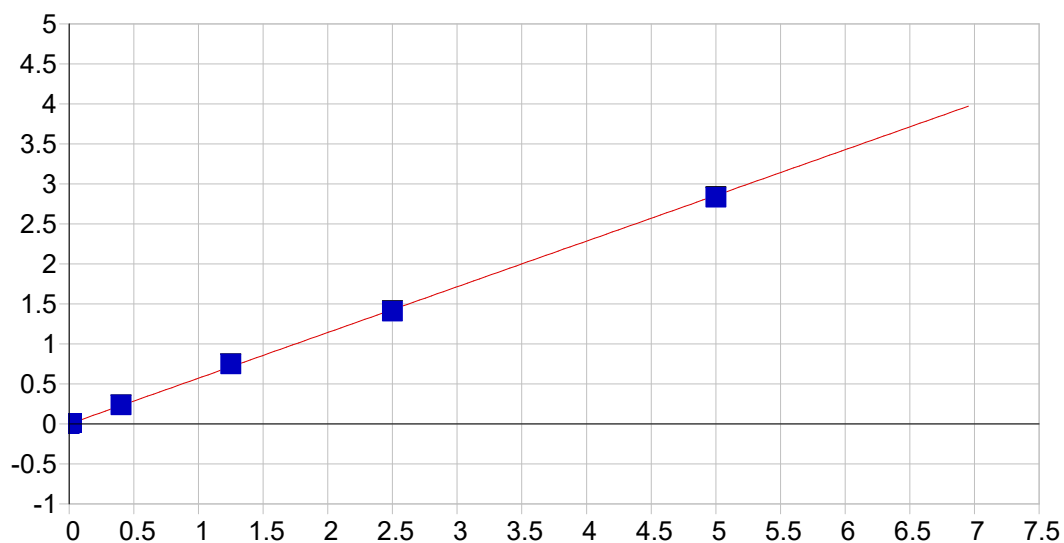


Fe 240.488 {140}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
A1 (Gain): 0.001810 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999502 Status: OK.
Std Error of Est: 0.000003
Predicted MDL: 0.033160
Predicted MQL: 0.110532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00003	.000	1
S1	.10000	.13455	.035	34.6	.00022	.000	1
S3	2.5000	2.4874	-.013	-.506	.00444	.000	1
S4	5.0000	4.8509	-.149	-2.98	.00867	.000	1
S5	10.000	10.111	.111	1.11	.01812	.000	1
S2	.80000	.81672	.017	2.09	.00144	.000	1

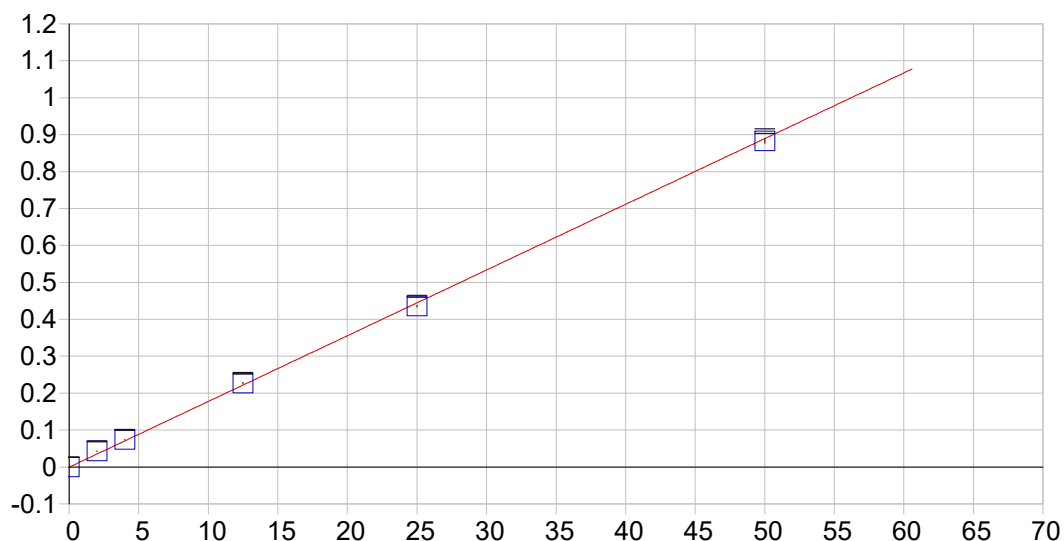


Mn 257.610 {131}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
A1 (Gain): 0.571187 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999758 Status: OK.
Std Error of Est: 0.000209
Predicted MDL: 0.001511
Predicted MQL: 0.005036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.001	1
S1	.02000	.02205	.002	10.2	.01286	.001	1
S3	1.2500	1.3112	.061	4.90	.74937	.002	1
S4	2.5000	2.4643	-.036	-1.43	1.4081	.009	1
S5	5.0000	4.9597	-.040	-.806	2.8338	.006	1
S2	.40000	.41274	.013	3.18	.23606	.002	1

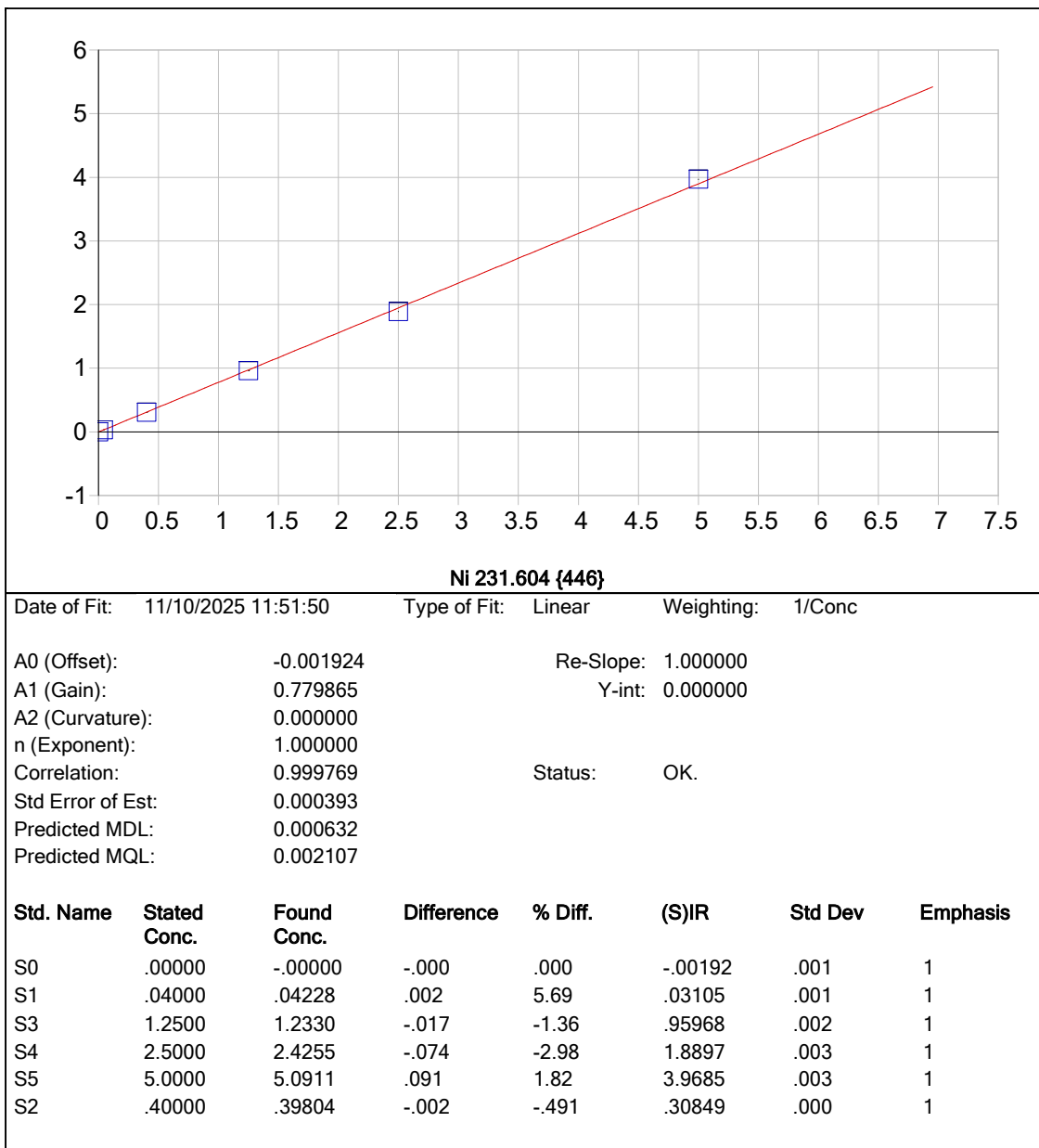


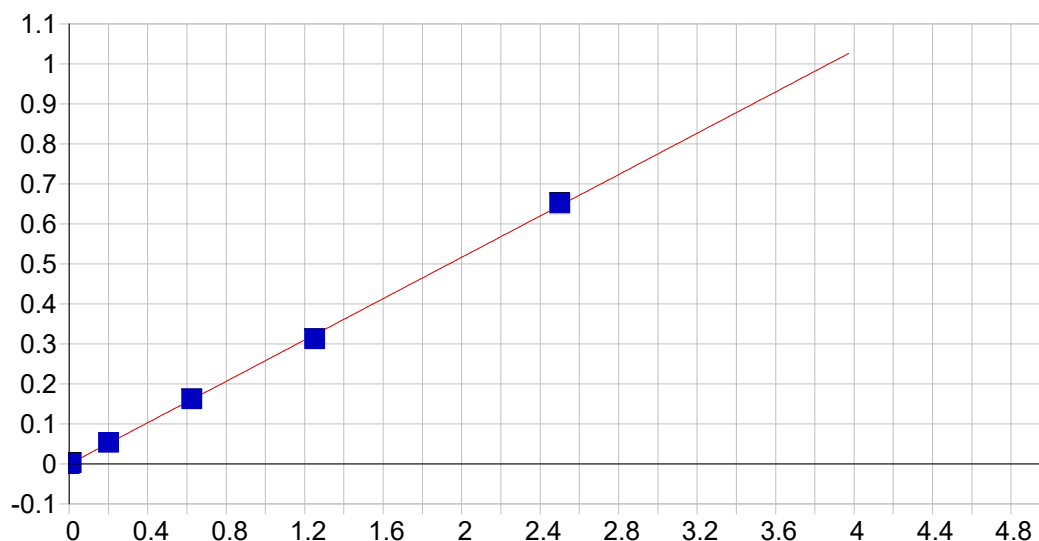
Mg 279.079 {121}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000411	Re-Slope:	1.000000
A1 (Gain):	0.017797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999398	Status:	OK.
Std Error of Est:	0.000327		
Predicted MDL:	0.063546		
Predicted MQL:	0.211819		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	-.00042	.001	1
S2	4.0000	4.1702	.170	4.26	.07381	.001	1
S3	12.500	12.787	.287	2.29	.22715	.002	1
S4	25.000	24.508	-.492	-1.97	.43575	.003	1
S5	50.000	49.620	-.380	-.760	.88268	.006	1
S1	2.0000	2.4151	.415	20.8	.04257	.001	1



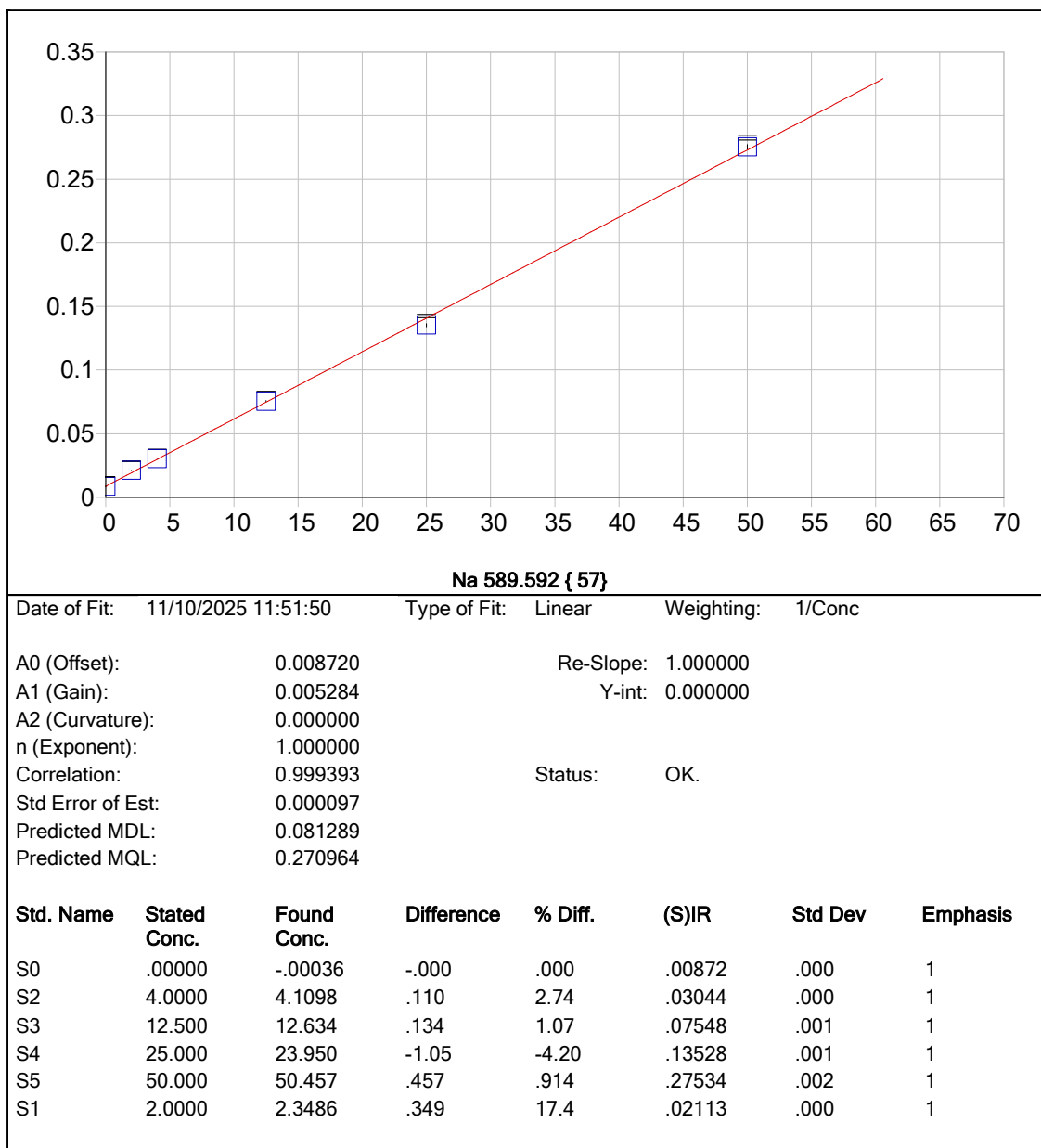


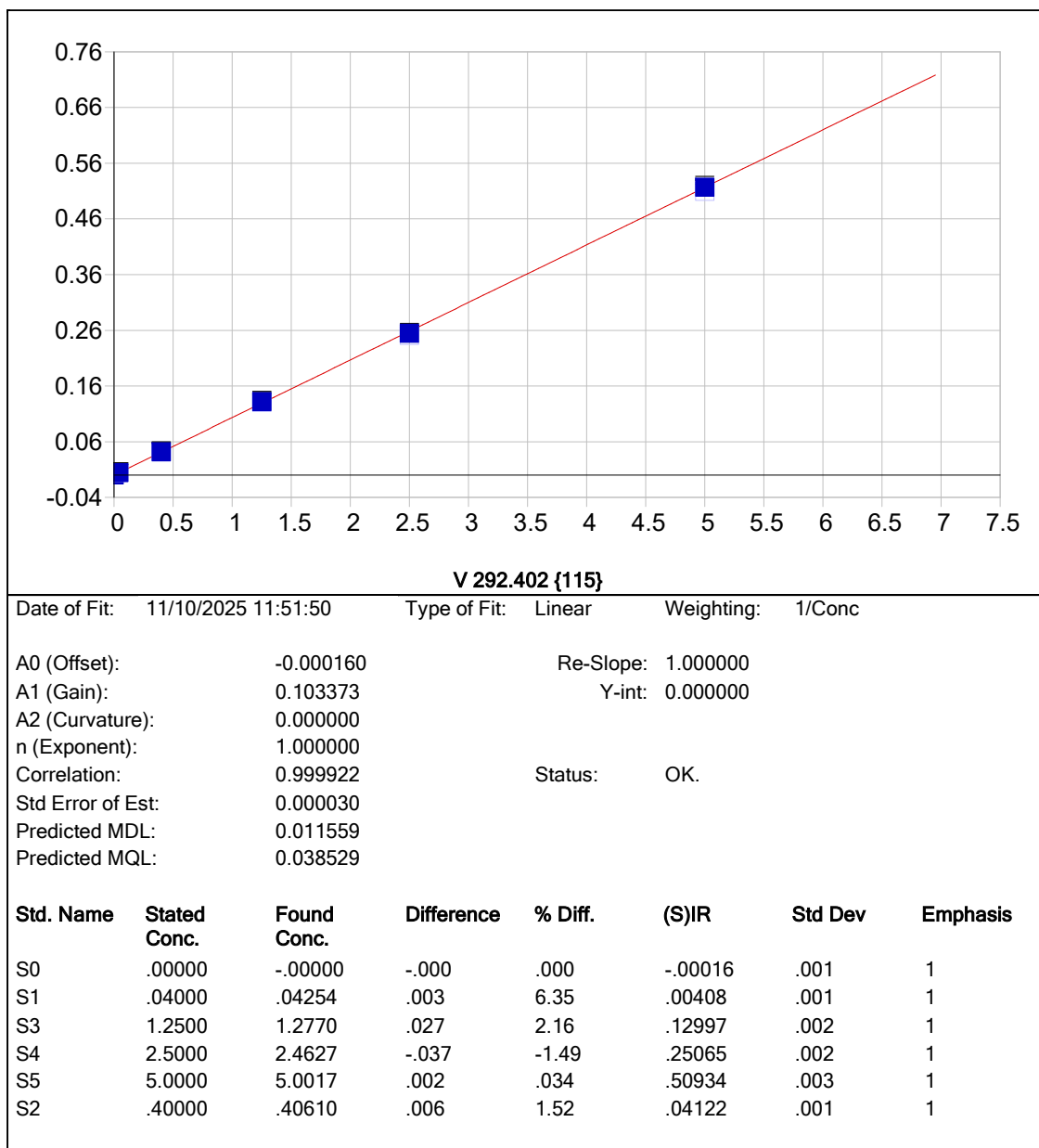
Ag 328.068 {103}

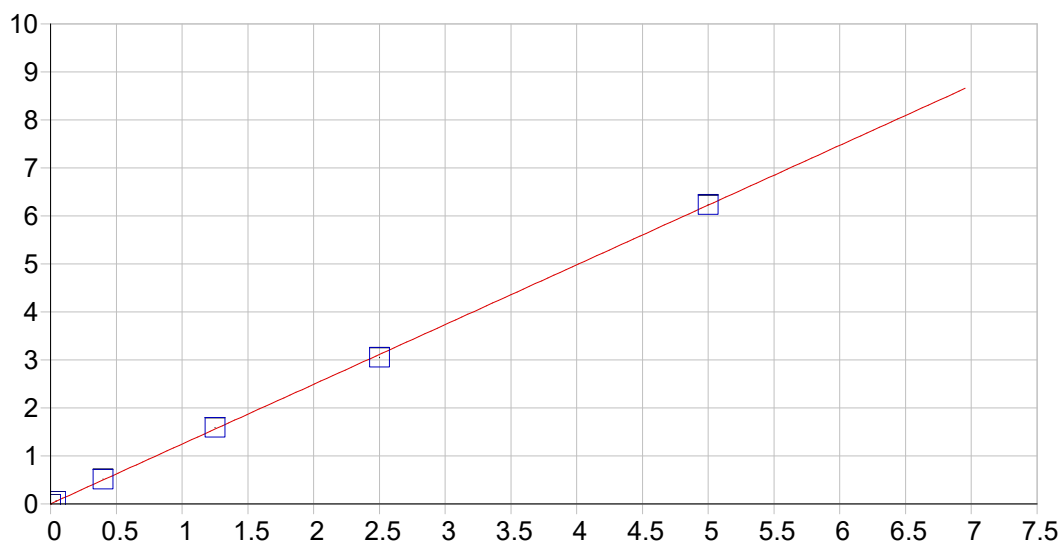
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000316	Re-Slope:	1.000000
A1 (Gain):	0.258418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001416		
Predicted MQL:	0.004719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01000	.01181	.002	18.1	.00271	.000	1
S3	.62500	.62902	.004	.643	.16145	.000	1
S4	1.2500	1.2110	-.039	-3.12	.31106	.000	1
S5	2.5000	2.5241	.024	.965	.64883	.002	1
S2	.20000	.20906	.009	4.53	.05346	.000	1





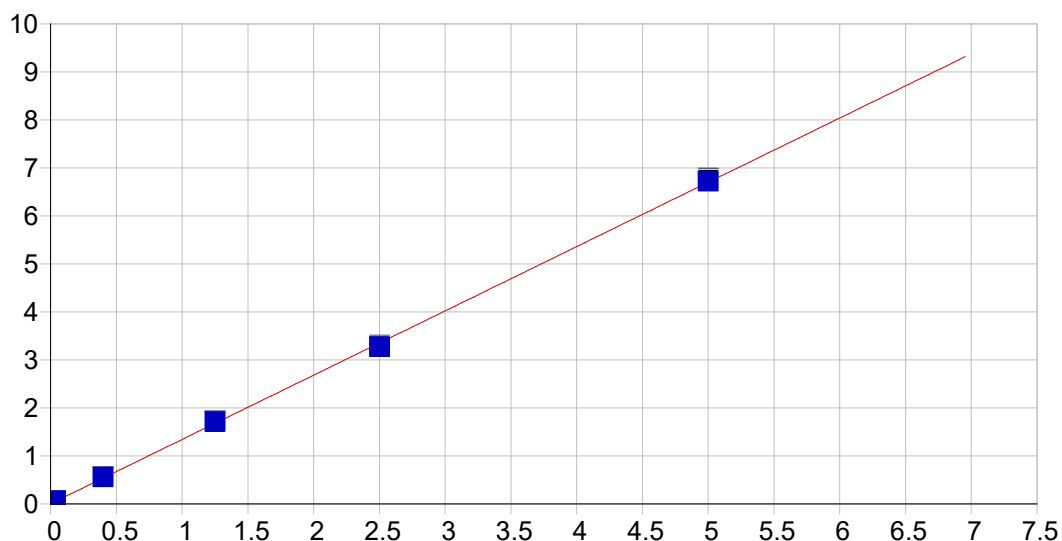


Zn 206.200 {464}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001607 Re-Slope: 1.000000
A1 (Gain): 1.244787 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999860 Status: OK.
Std Error of Est: 0.000489
Predicted MDL: 0.000330
Predicted MQL: 0.001101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00160	.000	1
S1	.04000	.04484	.005	12.1	.05742	.000	1
S3	1.2500	1.2764	.026	2.11	1.5904	.005	1
S4	2.5000	2.4503	-.050	-1.99	3.0517	.002	1
S5	5.0000	5.0052	.005	.104	6.2320	.008	1
S2	.40000	.41327	.013	3.32	.51605	.001	1

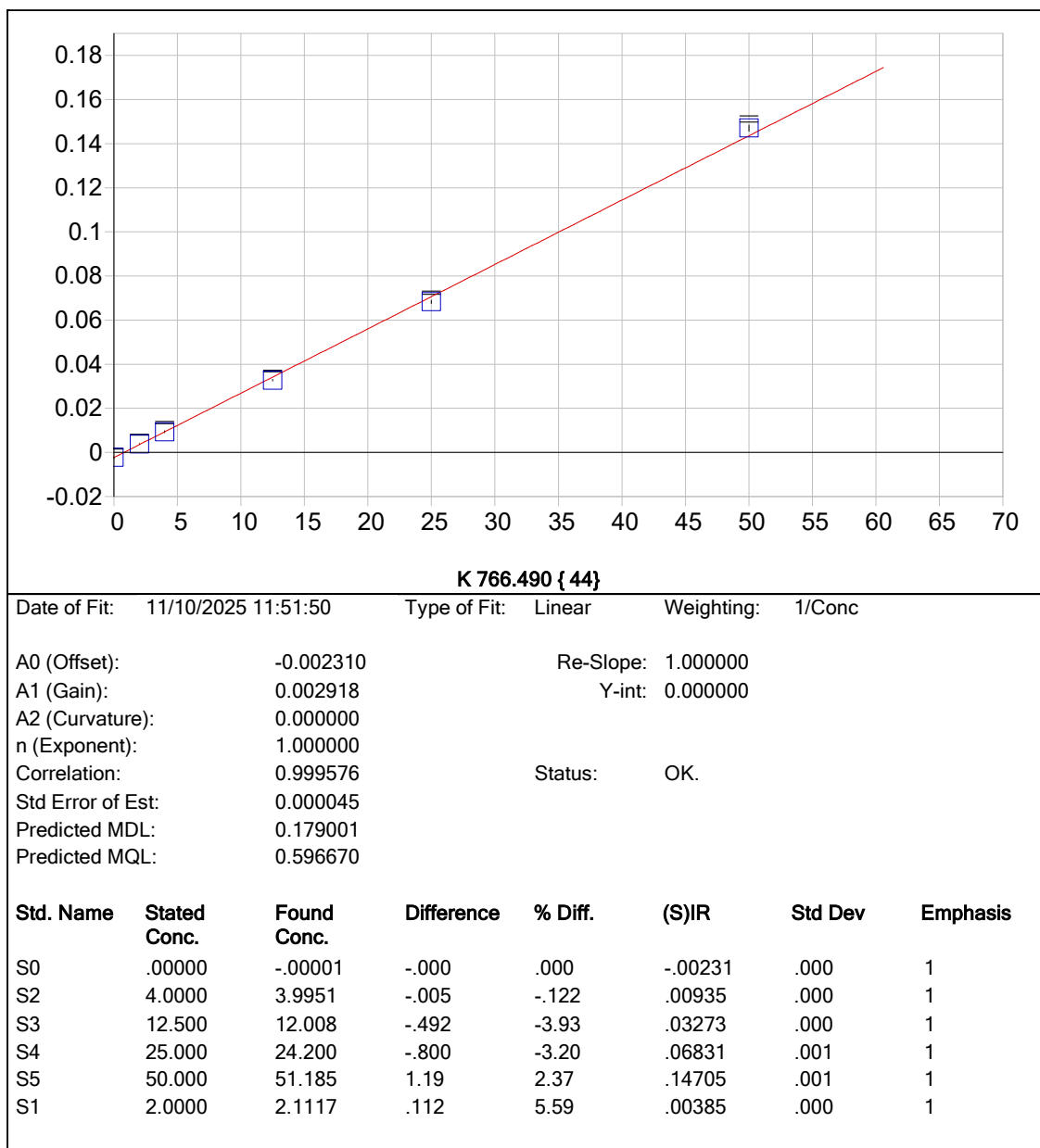


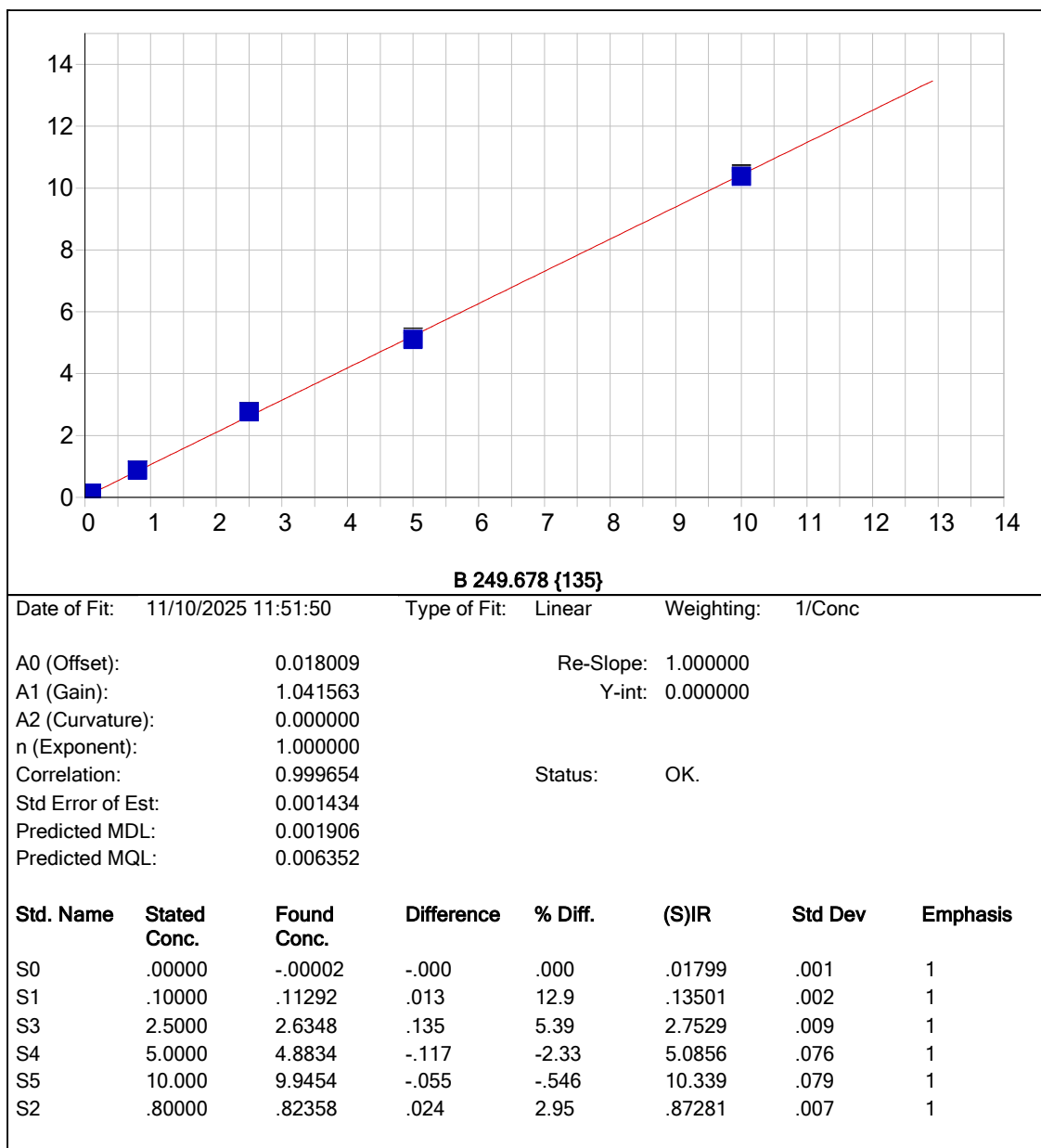
Zn 213.856 {158}

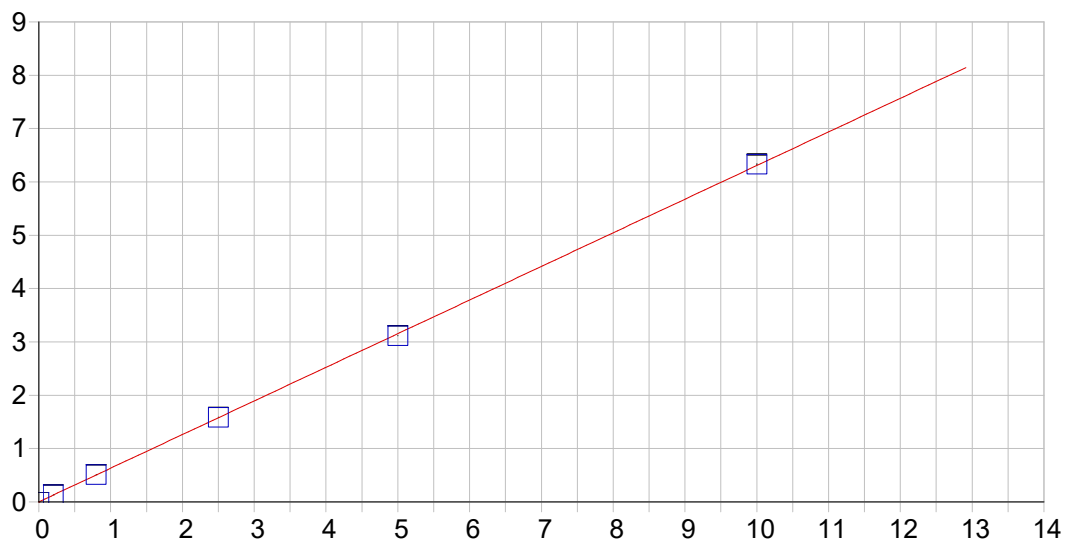
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003838 Re-Slope: 1.000000
A1 (Gain): 1.339373 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999818 Status: OK.
Std Error of Est: 0.000604
Predicted MDL: 0.000716
Predicted MQL: 0.002387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00383	.001	1
S1	.04000	.04508	.005	12.7	.06459	.001	1
S3	1.2500	1.2784	.028	2.27	1.7277	.002	1
S4	2.5000	2.4388	-.061	-2.45	3.2936	.012	1
S5	5.0000	5.0127	.013	.254	6.7643	.024	1
S2	.40000	.41507	.015	3.77	.56350	.002	1





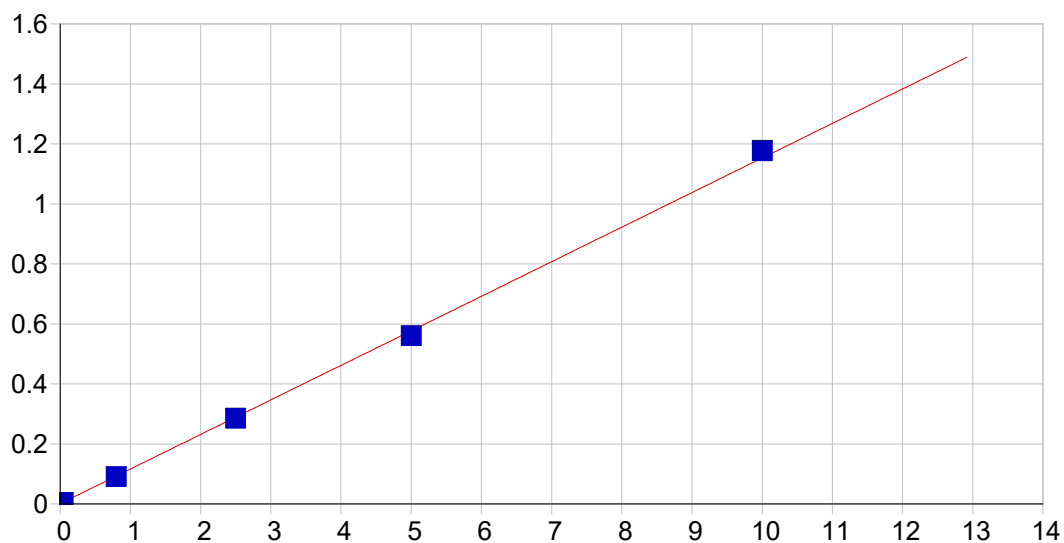


Mo 202.030 {467}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001360 Re-Slope: 1.000000
A1 (Gain): 0.630580 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999966 Status: OK.
Std Error of Est: 0.000387
Predicted MDL: 0.000674
Predicted MQL: 0.002246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.20000	.20668	.007	3.34	.13169	.000	1
S3	2.5000	2.5128	.013	.514	1.5859	.003	1
S4	5.0000	4.9377	-.062	-1.25	3.1150	.004	1
S5	10.000	10.036	.036	.355	6.3296	.012	1
S2	.80000	.80727	.007	.909	.51041	.001	1

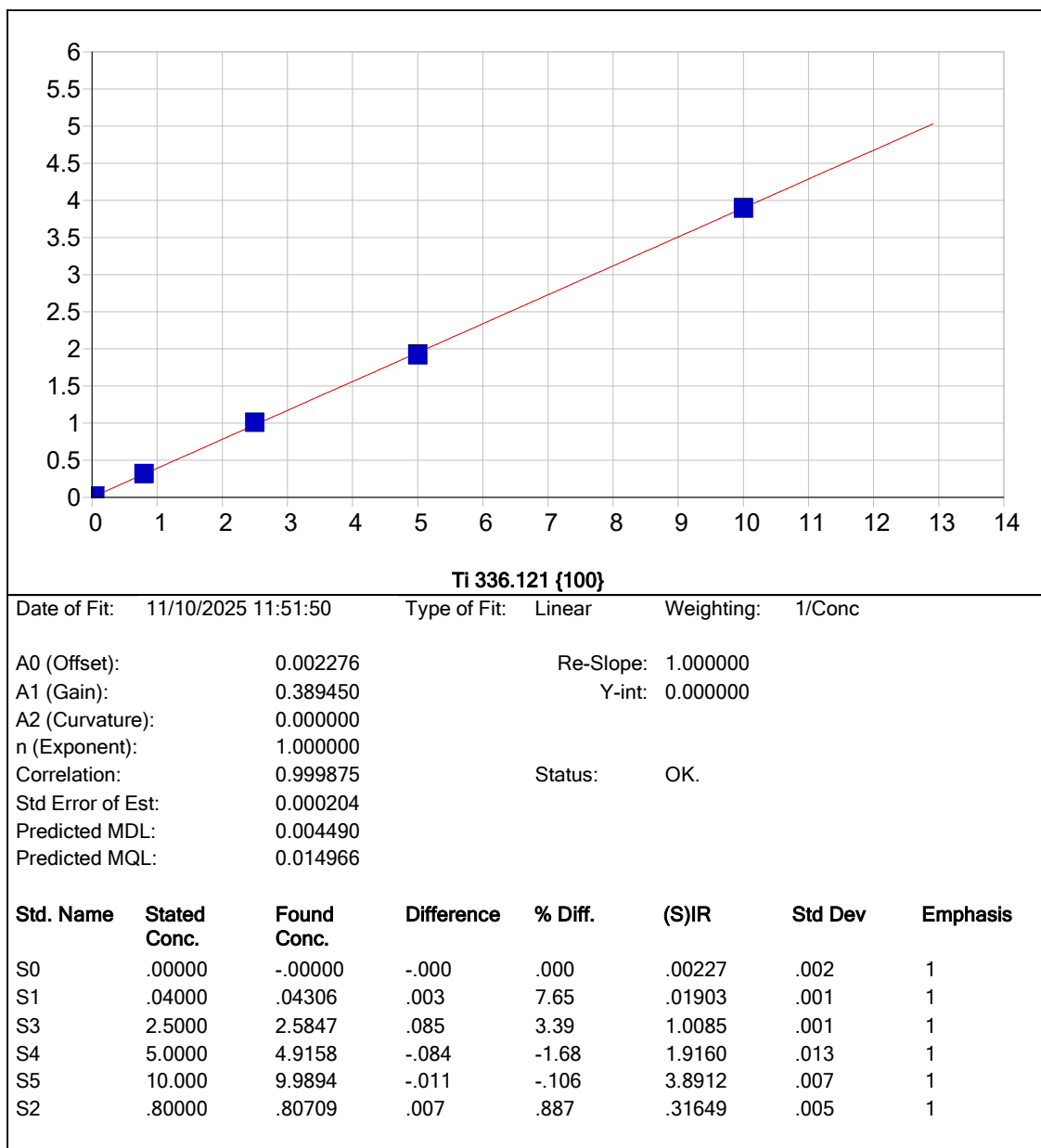


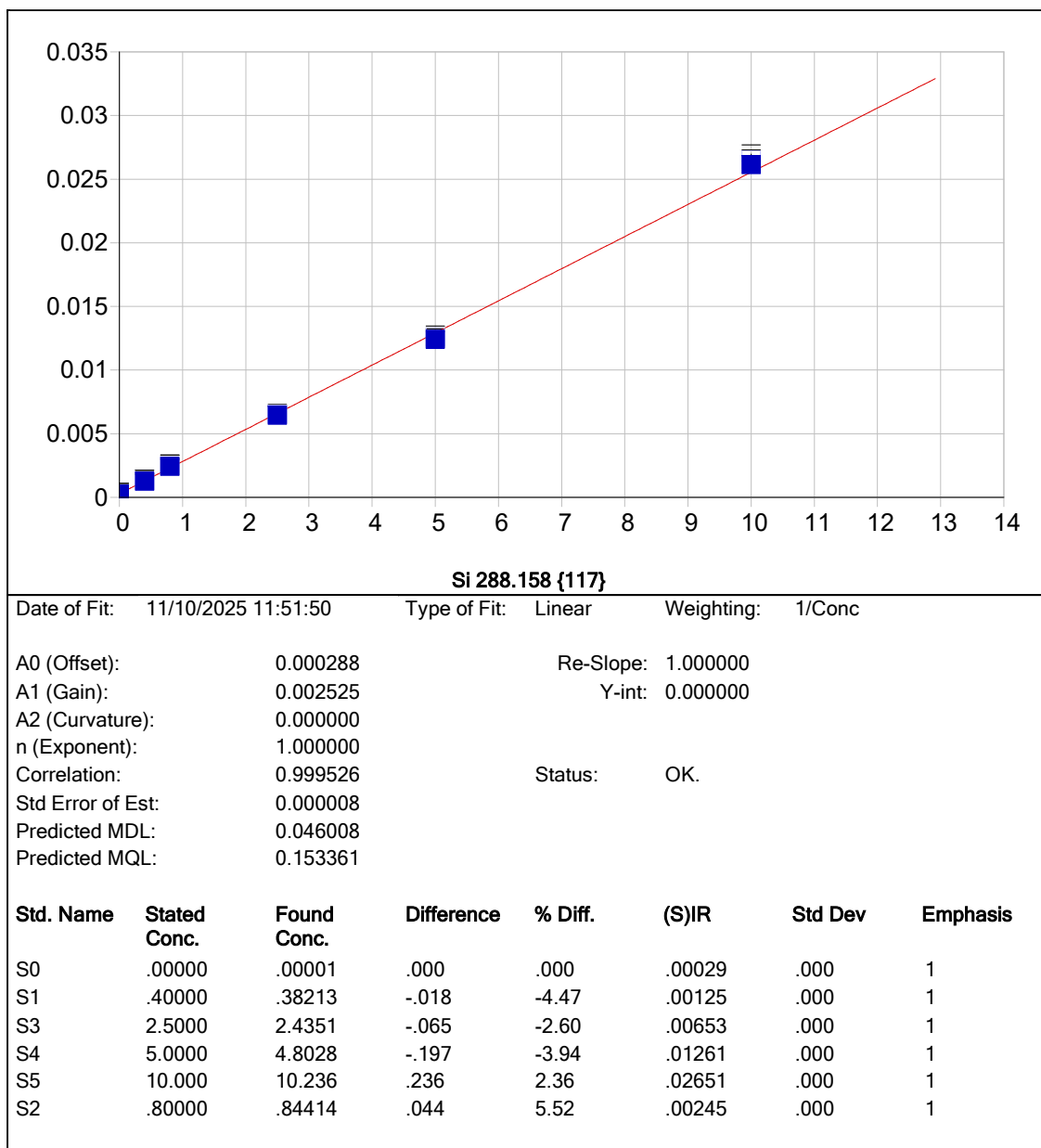
Sn 189.989 {478}

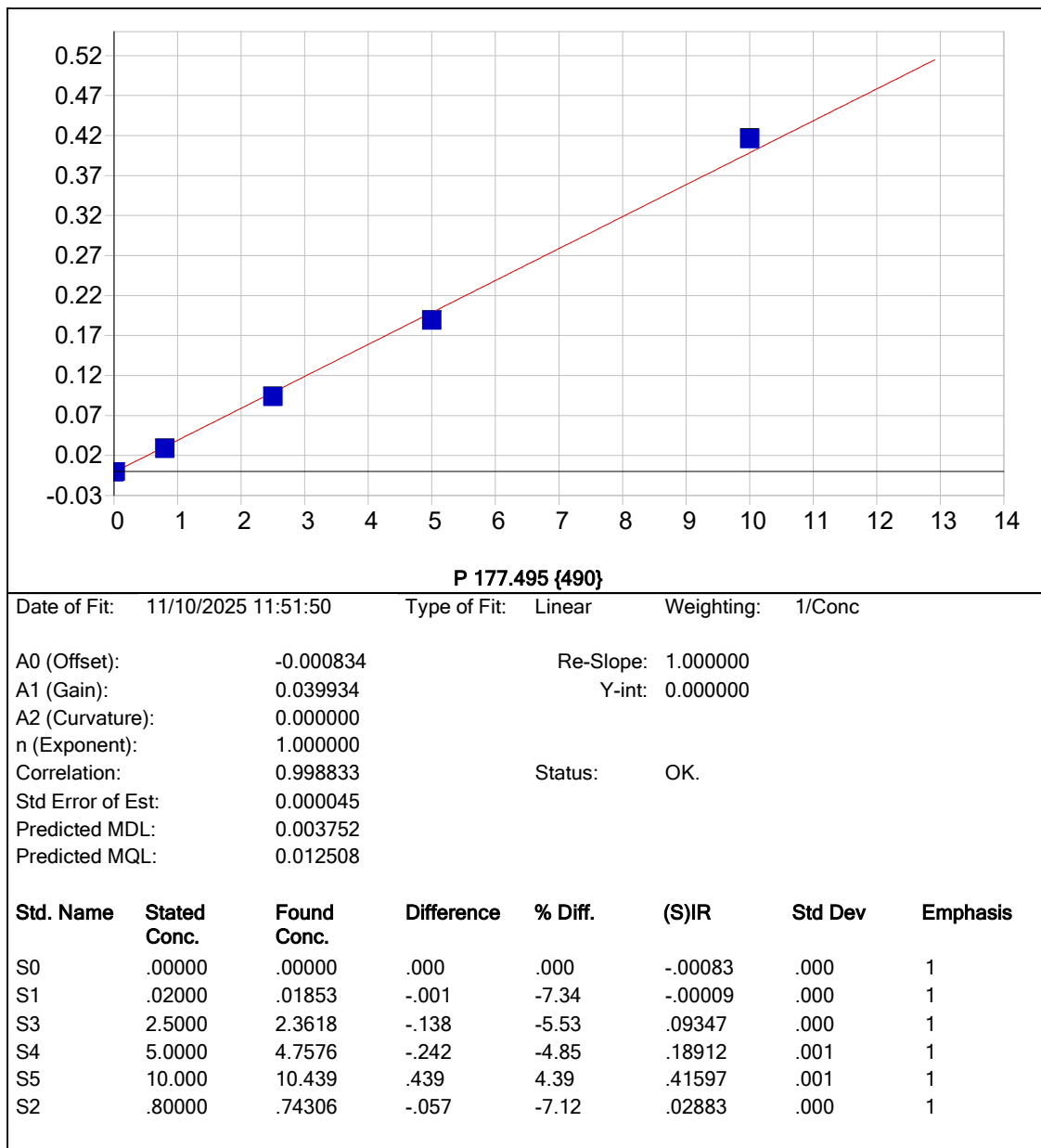
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
A1 (Gain): 0.115202 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999741 Status: OK.
Std Error of Est: 0.000087
Predicted MDL: 0.001617
Predicted MQL: 0.005389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.04000	.03895	-.001	-2.62	.00545	.000	1
S3	2.5000	2.4643	-.036	-1.43	.28456	.001	1
S4	5.0000	4.8543	-.146	-2.91	.55960	.001	1
S5	10.000	10.204	.204	2.04	1.1753	.002	1
S2	.80000	.77885	-.021	-2.64	.09060	.000	1

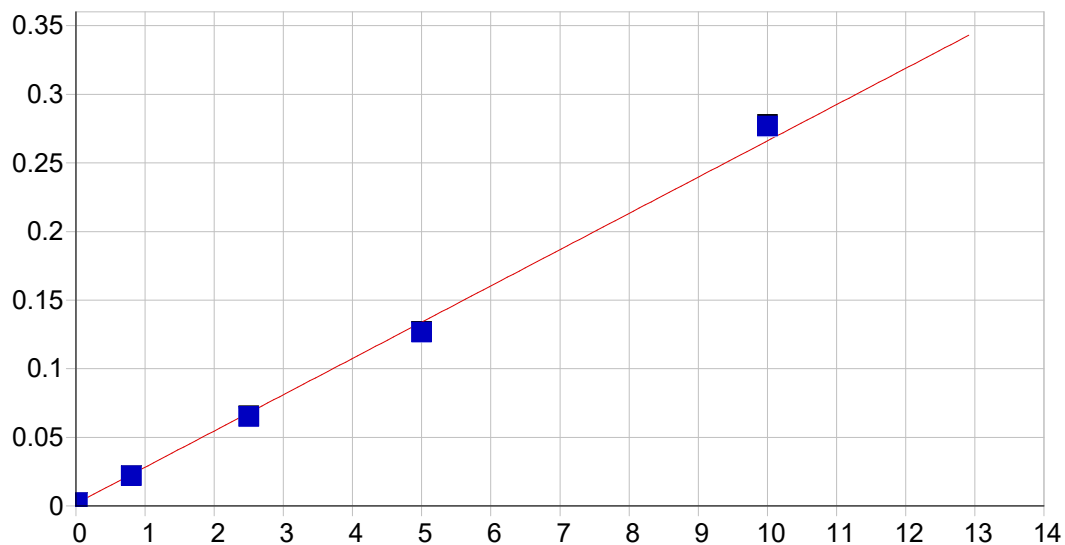






Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000834 Re-Slope: 1.000000
A1 (Gain): 0.039934 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998833 Status: OK.
Std Error of Est: 0.000045
Predicted MDL: 0.003752
Predicted MQL: 0.012508

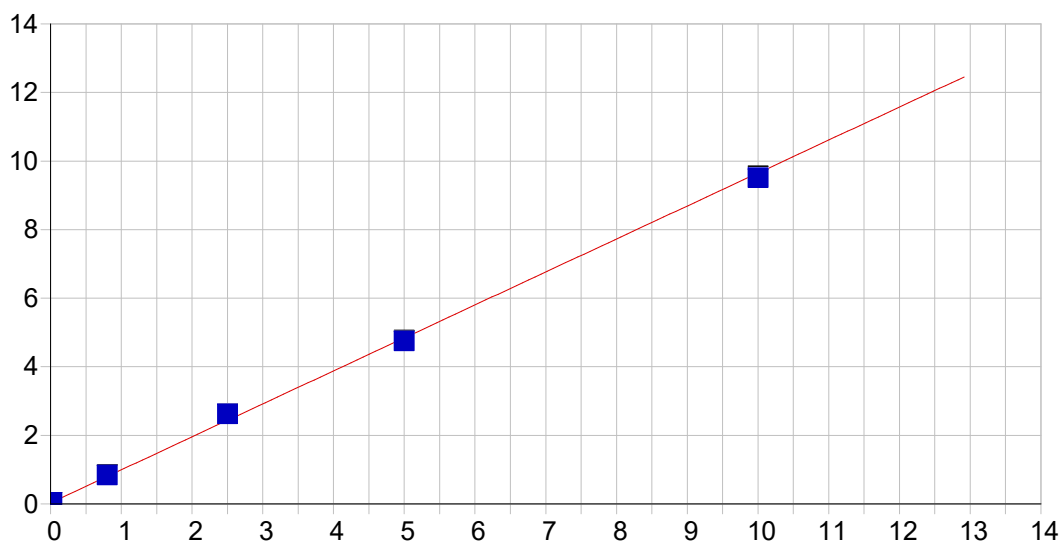


S 182.034 {485}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001762 Re-Slope: 1.000000
A1 (Gain): 0.026431 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998959 Status: OK.
Std Error of Est: 0.000028
Predicted MDL: 0.006776
Predicted MQL: 0.022588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00176	.000	1
S1	.02000	.02256	.003	12.8	.00234	.000	1
S3	2.5000	2.3918	-.108	-4.33	.06481	.001	1
S4	5.0000	4.7289	-.271	-5.42	.12641	.000	1
S5	10.000	10.411	.411	4.11	.27624	.001	1
S2	.80000	.76605	-.034	-4.24	.02195	.000	1

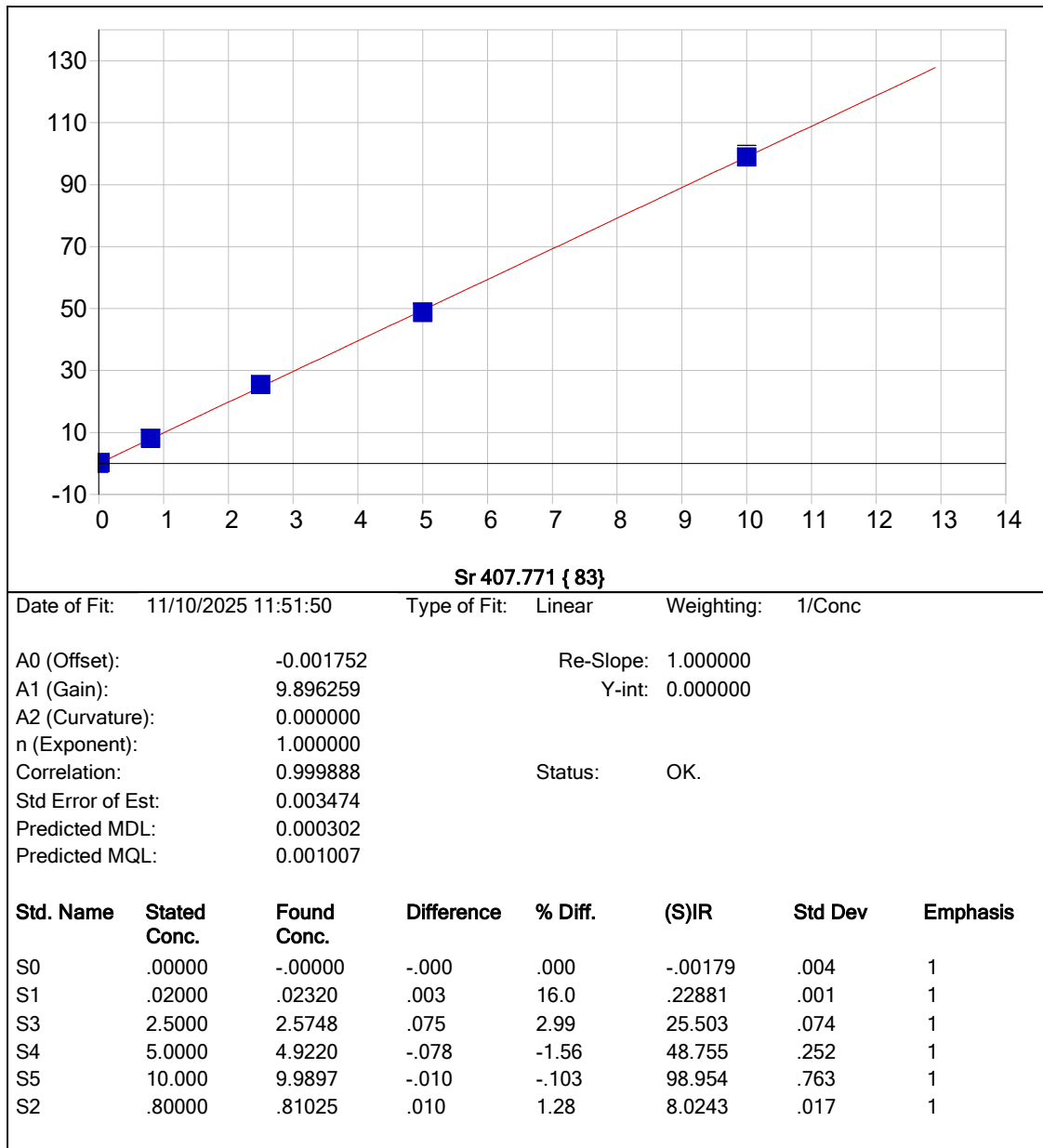


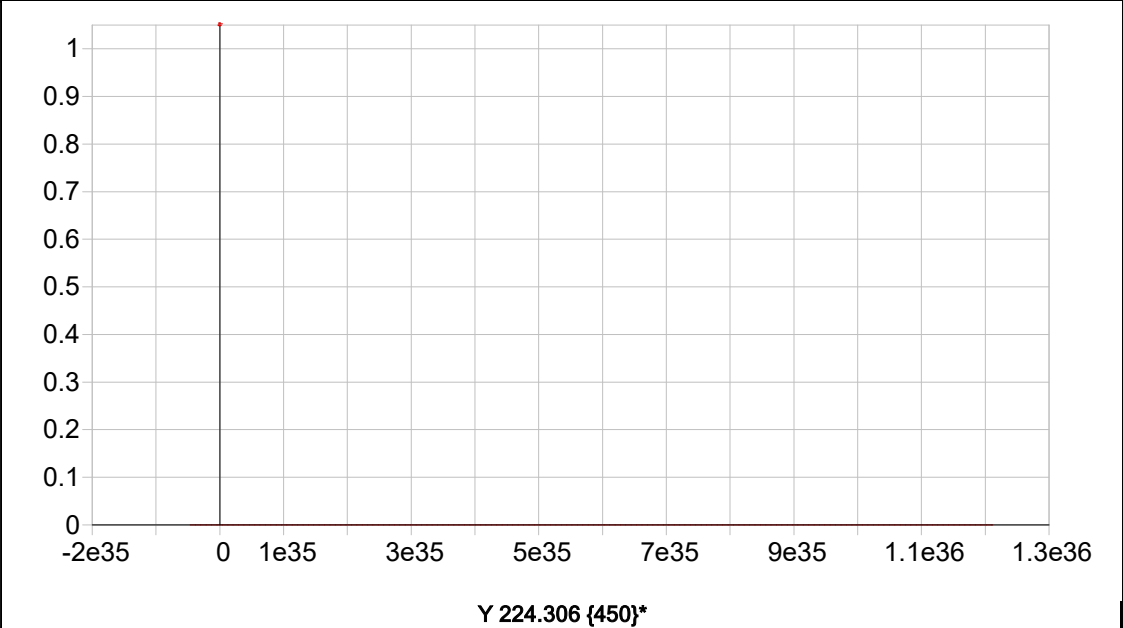
Li 670.784 { 50}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032142 Re-Slope: 1.000000
A1 (Gain): 0.961849 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999408 Status: OK.
Std Error of Est: 0.000777
Predicted MDL: 0.005421
Predicted MQL: 0.018069

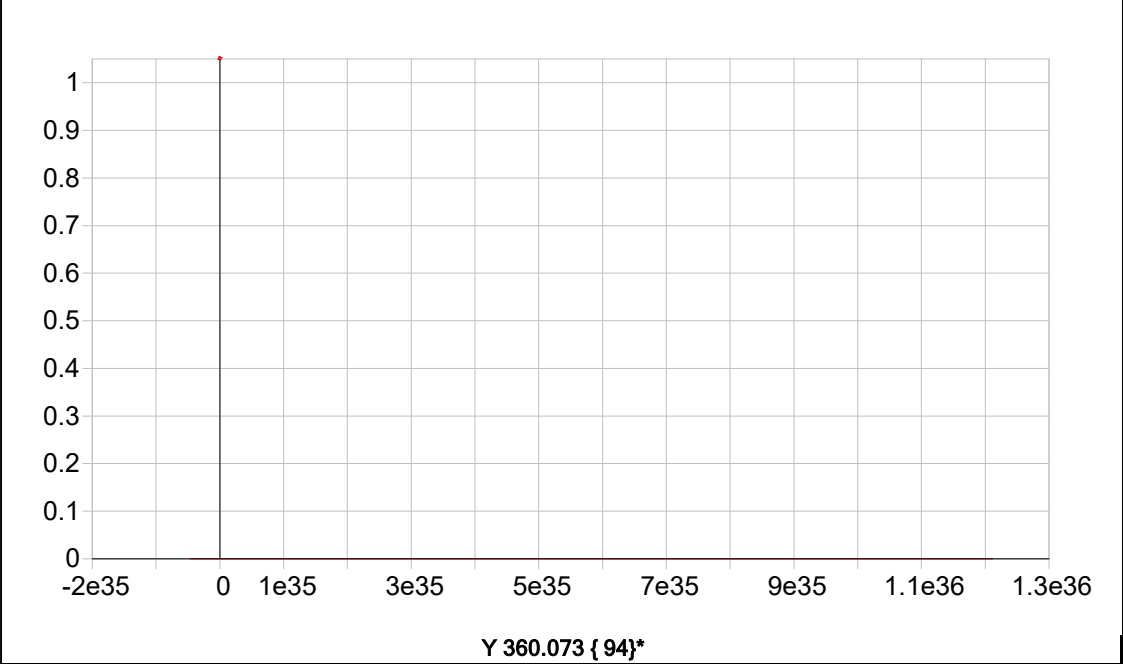
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03214	.008	1
S5	10.000	9.8544	-.146	-1.46	9.5183	.046	1
S4	5.0000	4.9052	-.095	-1.90	4.7541	.021	1
S3	2.5000	2.6975	.197	7.90	2.6286	.007	1
S1	.02000	.02104	.001	5.19	.05271	.005	1
S2	.80000	.84185	.042	5.23	.84249	.004	1



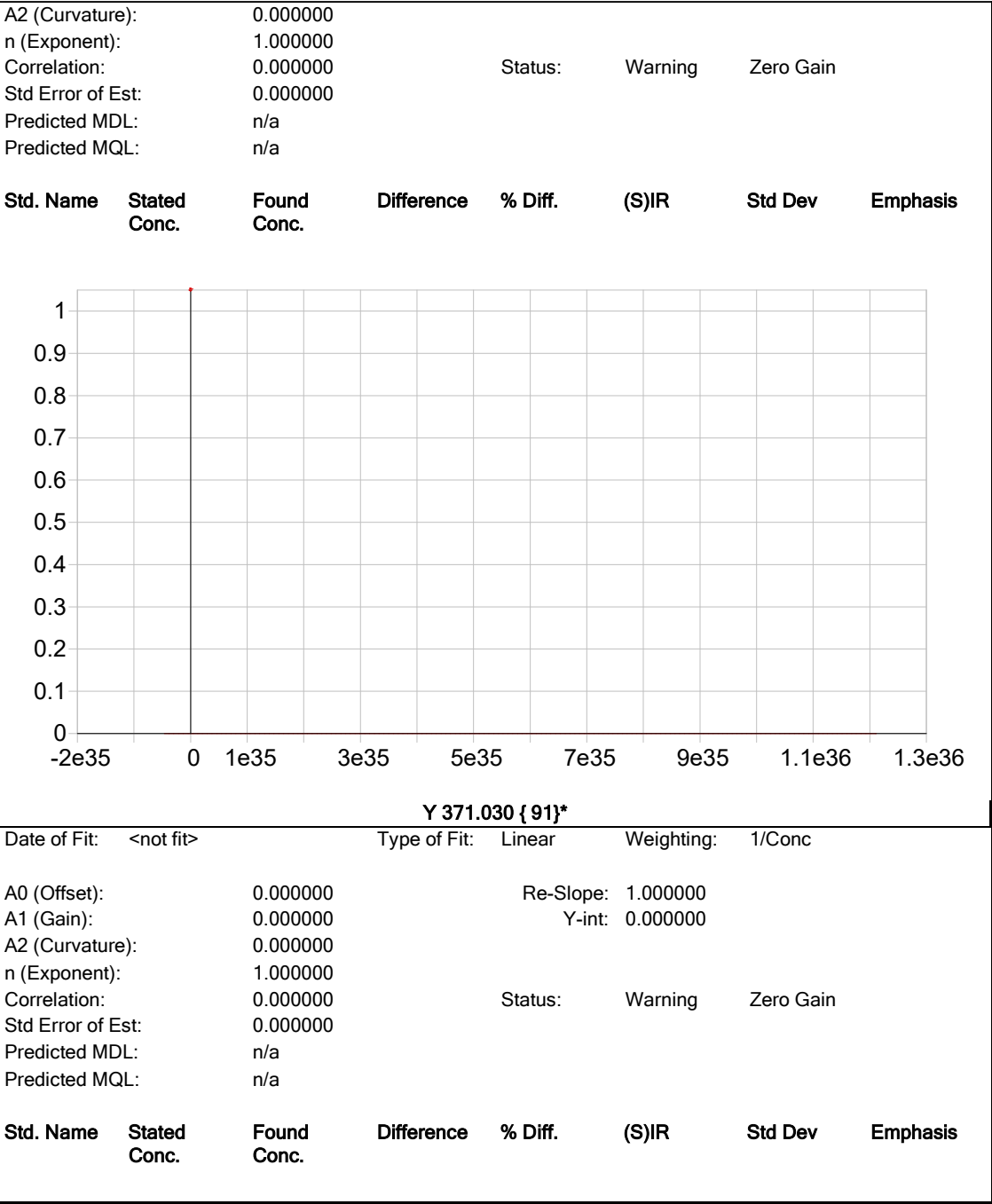


Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

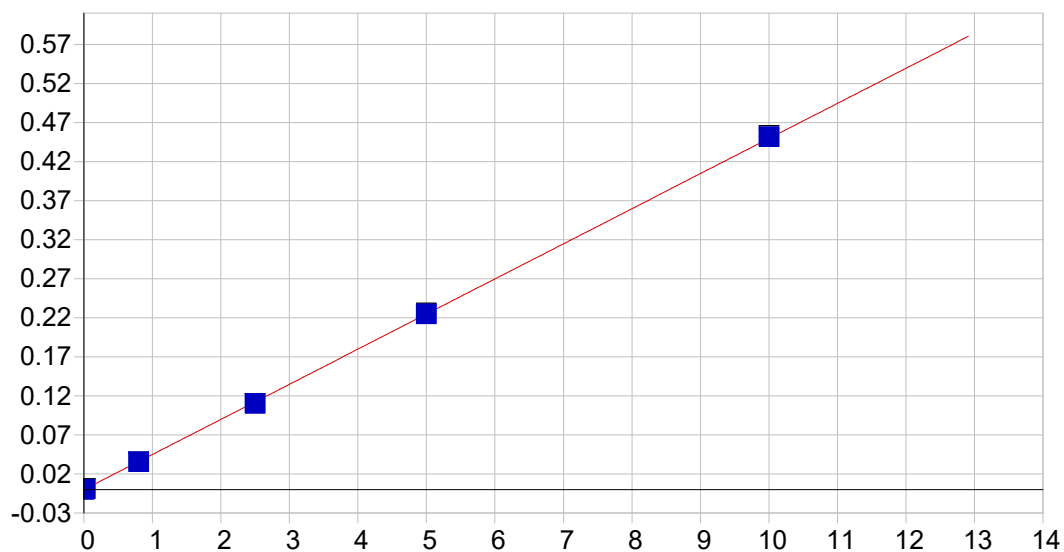
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



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

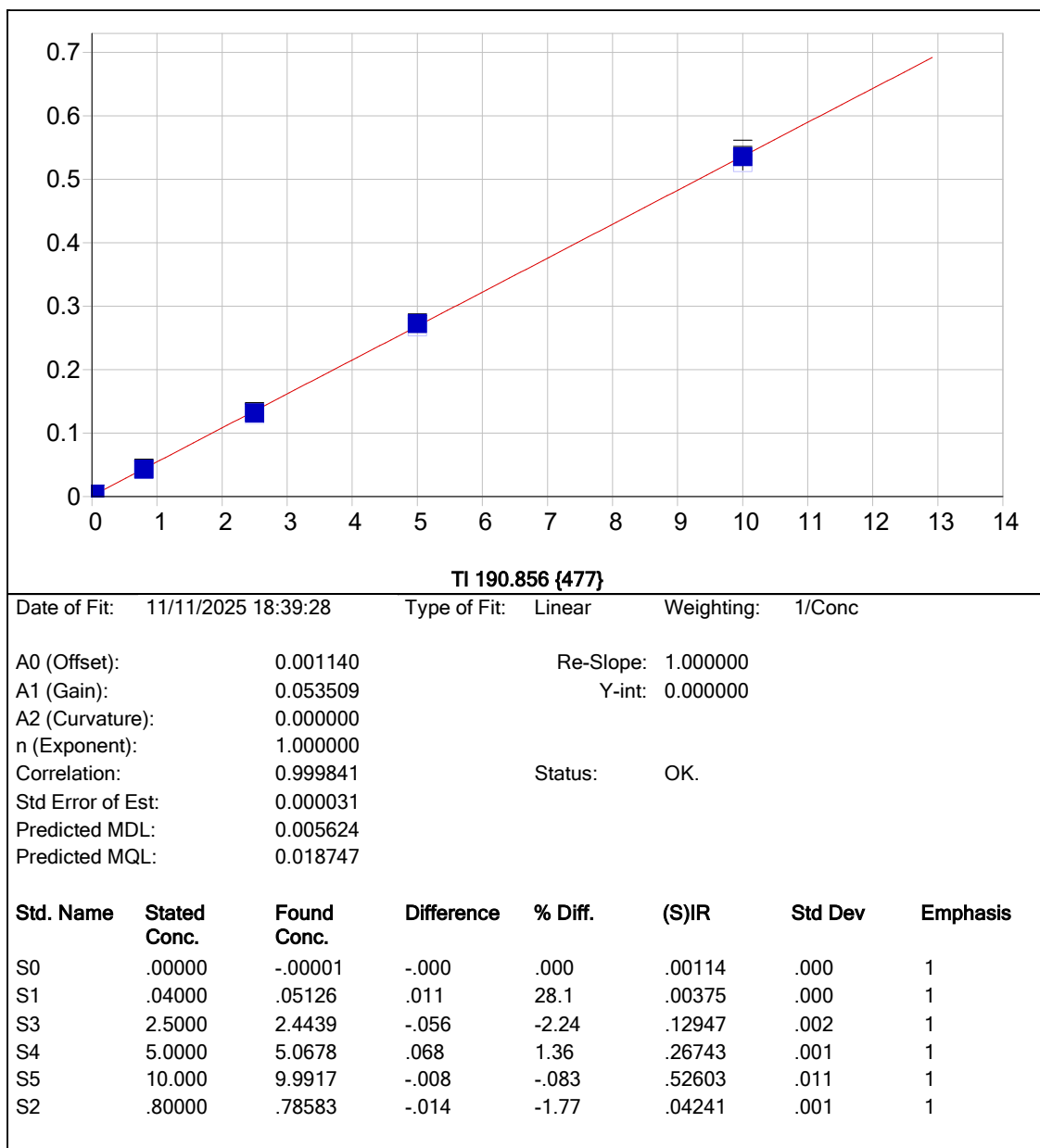


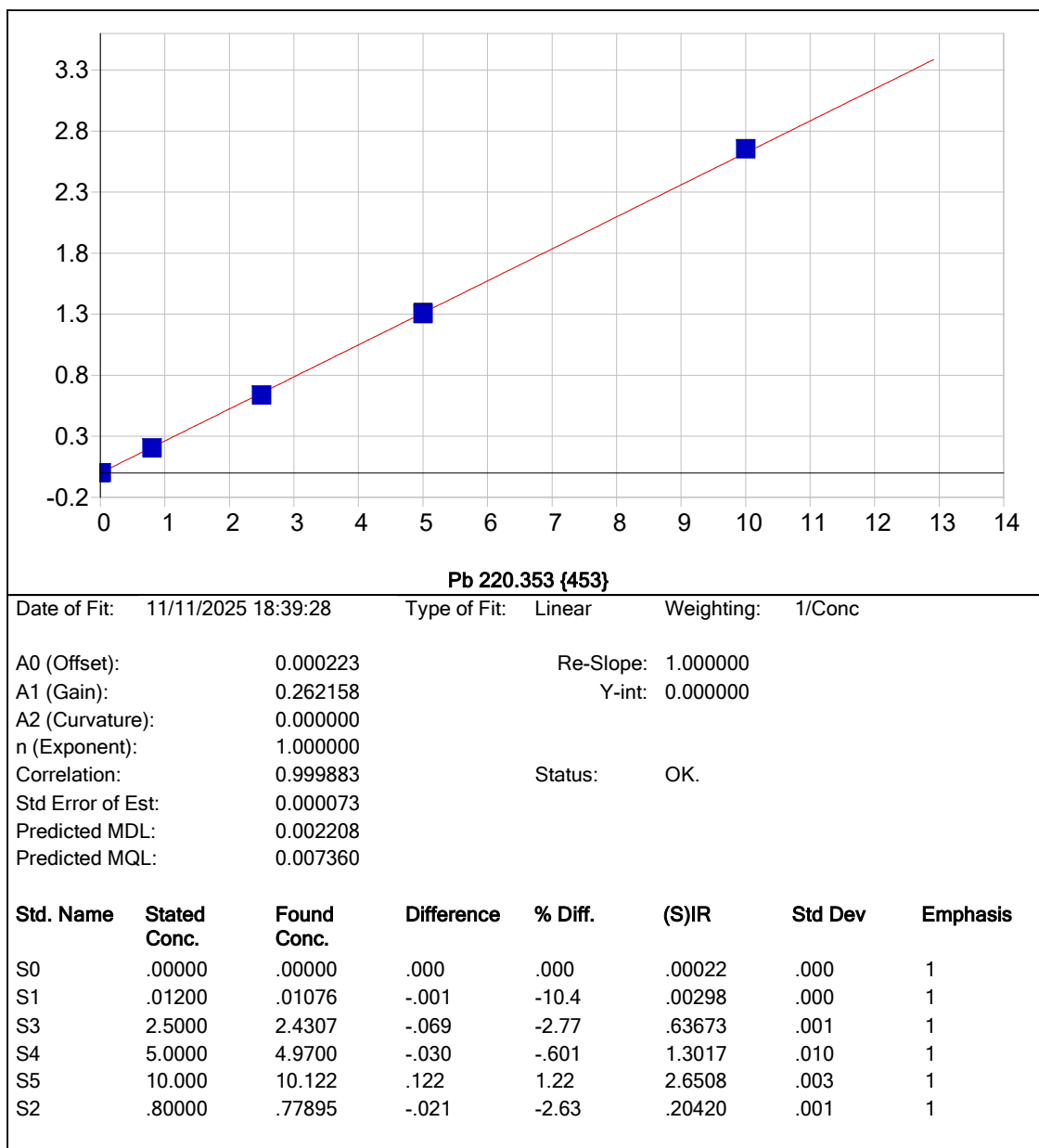
As 189.042 {479}

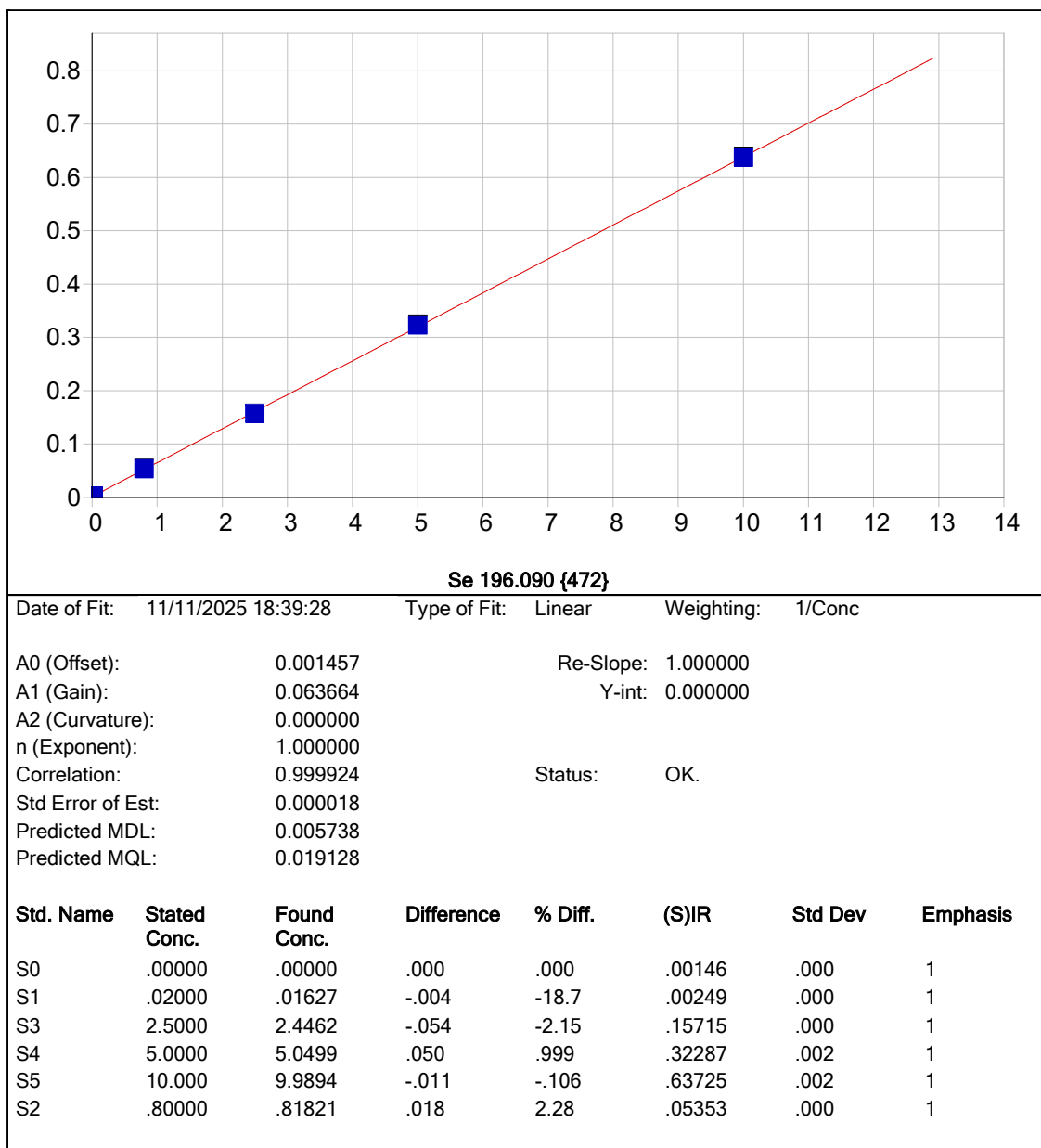
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

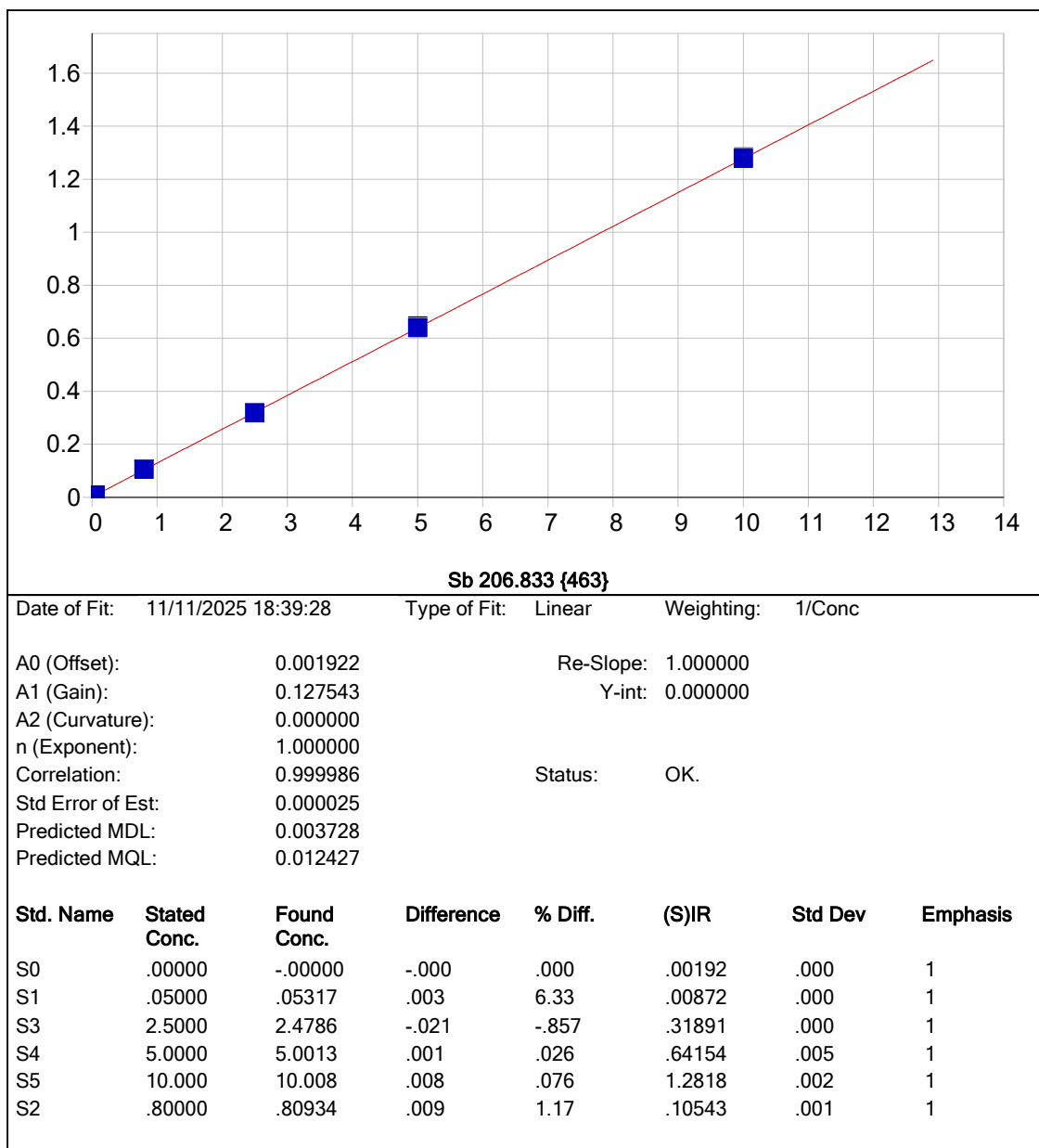
A0 (Offset): -0.000057 Re-Slope: 1.000000
A1 (Gain): 0.044958 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999960 Status: OK.
Std Error of Est: 0.000009
Predicted MDL: 0.005683
Predicted MQL: 0.018945

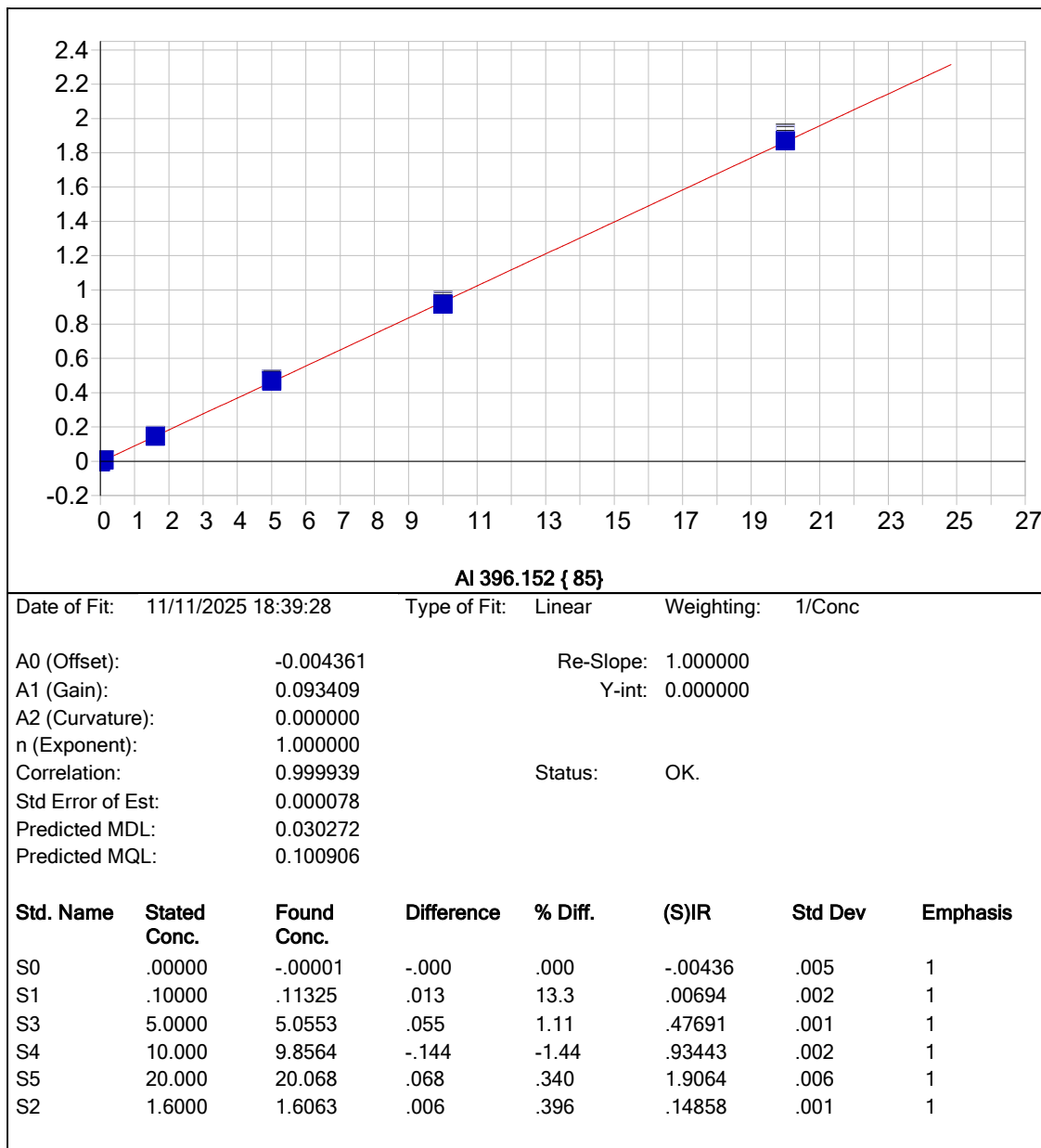
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02049	.000	2.45	.00086	.000	1
S3	2.5000	2.4475	-.053	-2.10	.10986	.000	1
S4	5.0000	5.0021	.002	.042	.22460	.001	1
S5	10.000	10.056	.056	.555	.45156	.002	1
S2	.80000	.79443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

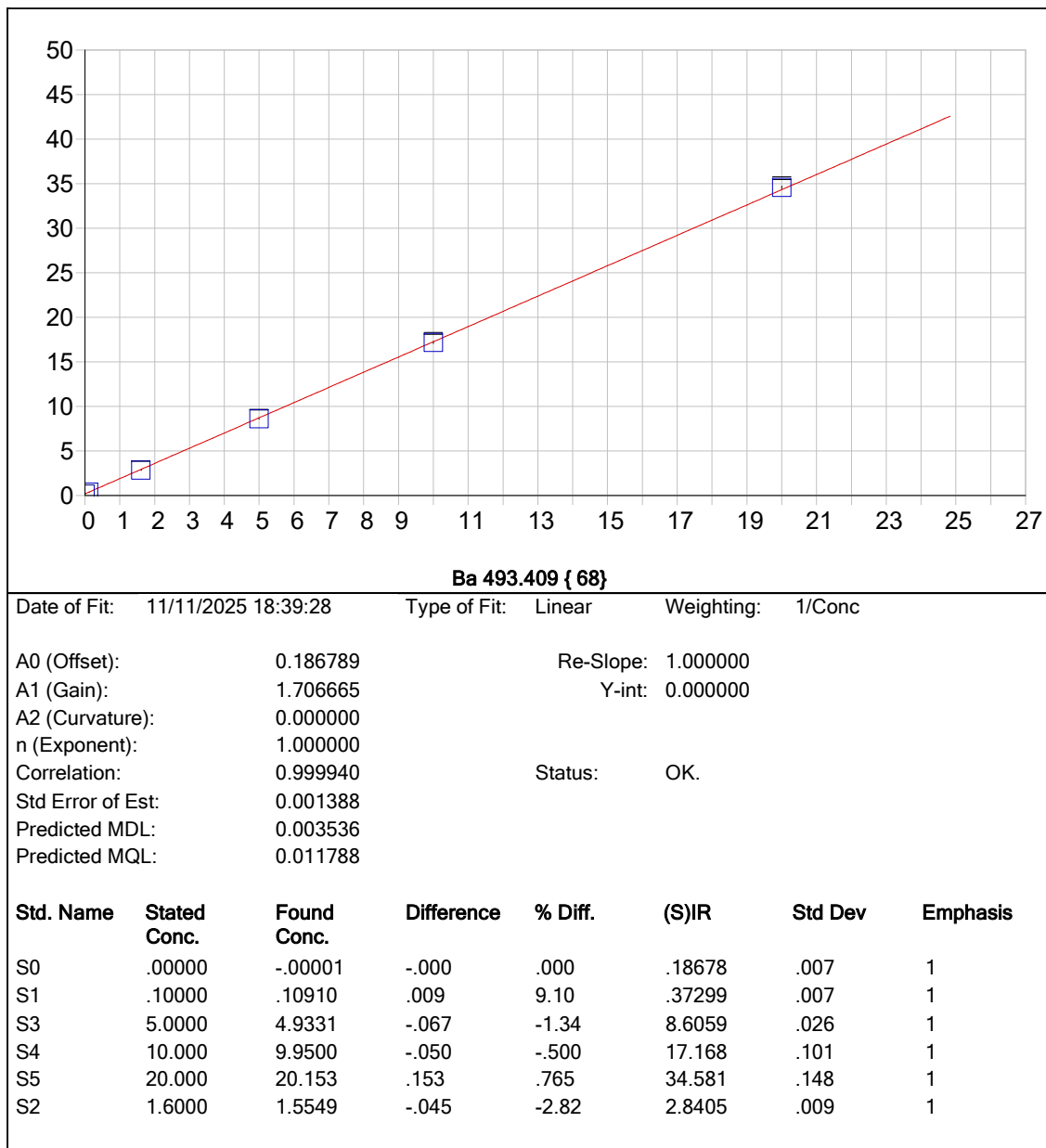


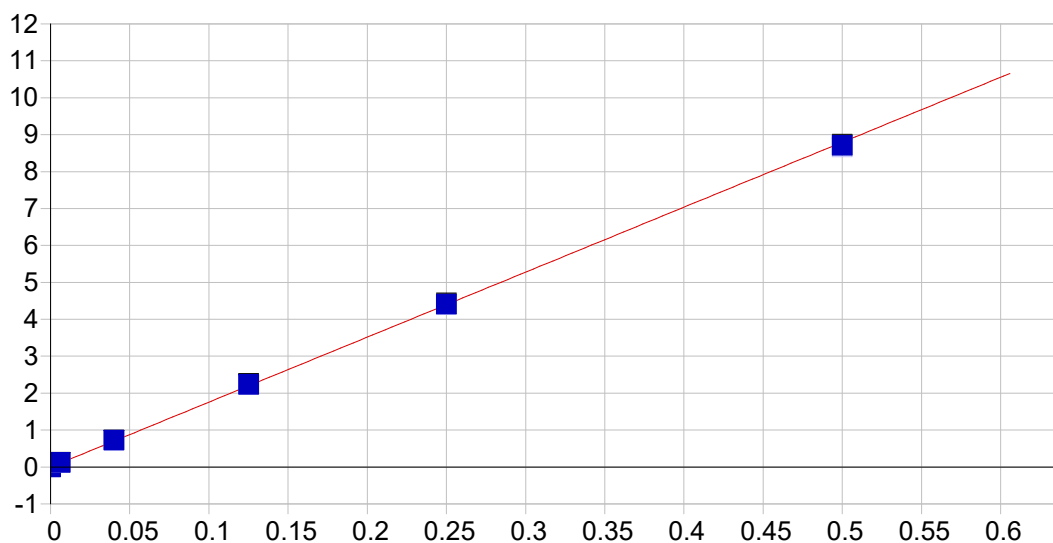










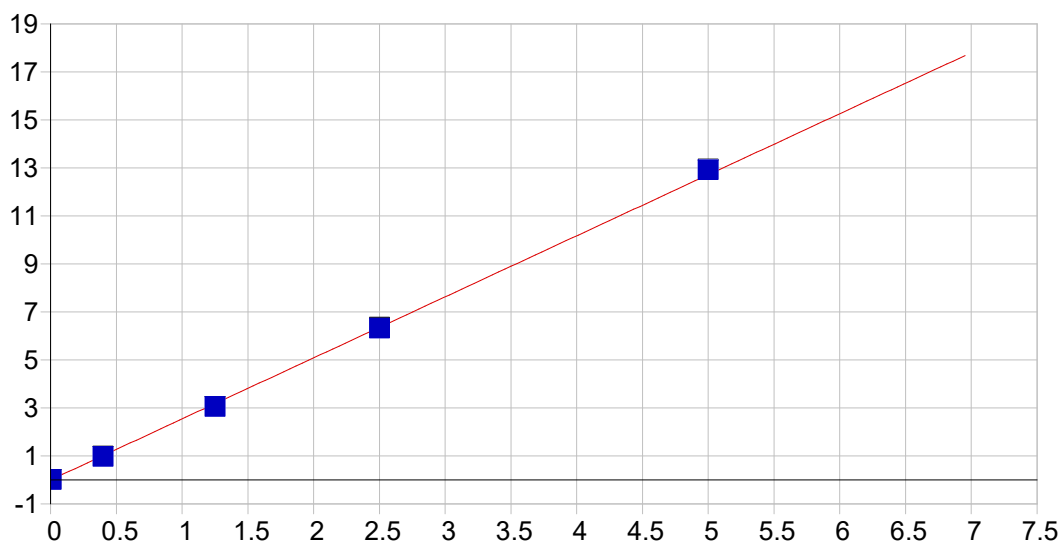


Be 234.861 {144}

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

A0 (Offset): -0.002974 Re-Slope: 1.000000
A1 (Gain): 17.598164 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999827 Status: OK.
Std Error of Est: 0.000939
Predicted MDL: 0.000109
Predicted MQL: 0.000365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00300	.001	1
S1	.00600	.00706	.001	17.6	.12040	.001	1
S3	.12500	.12707	.002	1.65	2.2233	.027	1
S4	.25000	.25089	.001	.356	4.3925	.027	1
S5	.50000	.49475	-.005	-1.05	8.6644	.041	1
S2	.04000	.04124	.001	3.10	.71960	.001	1

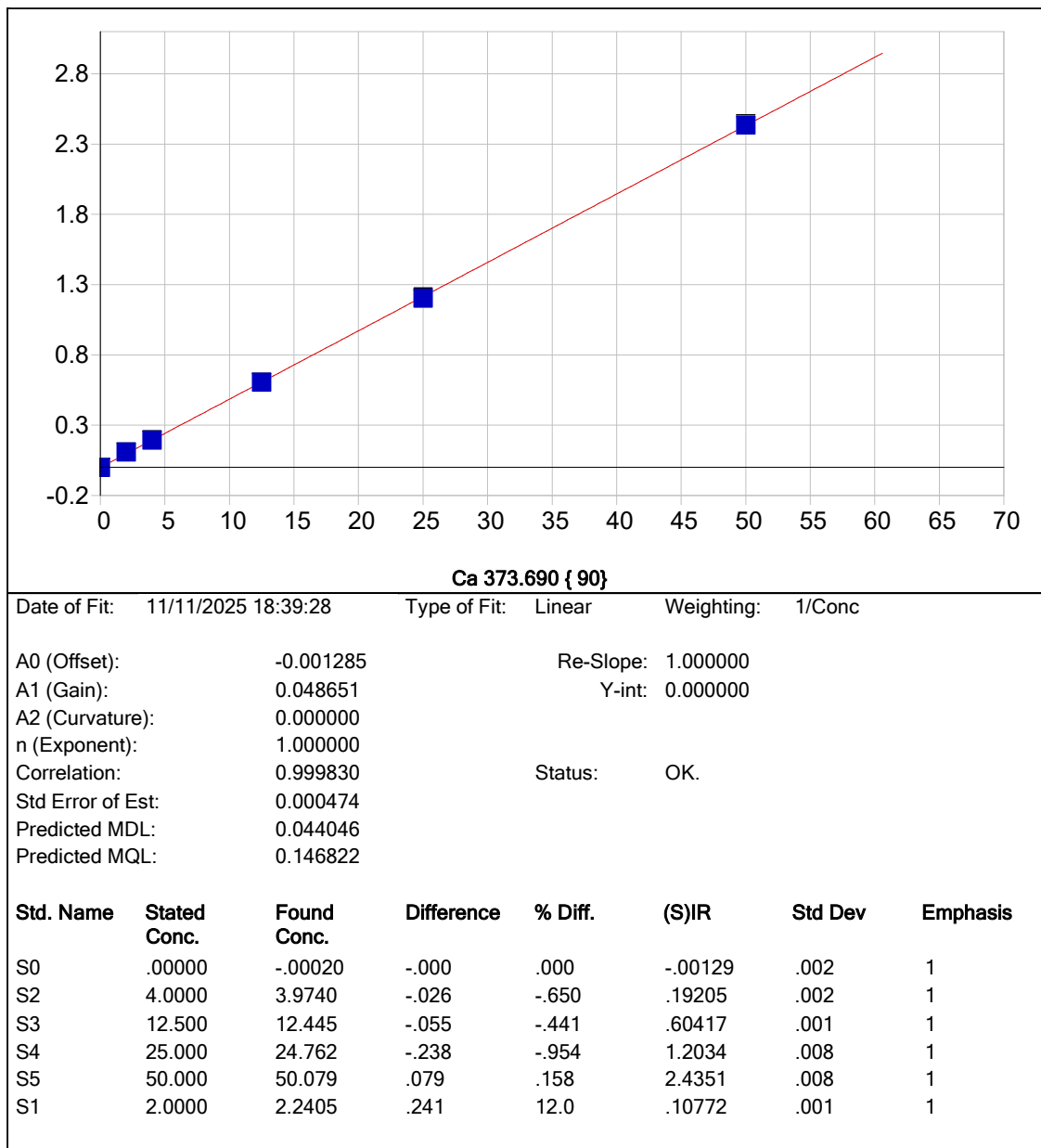


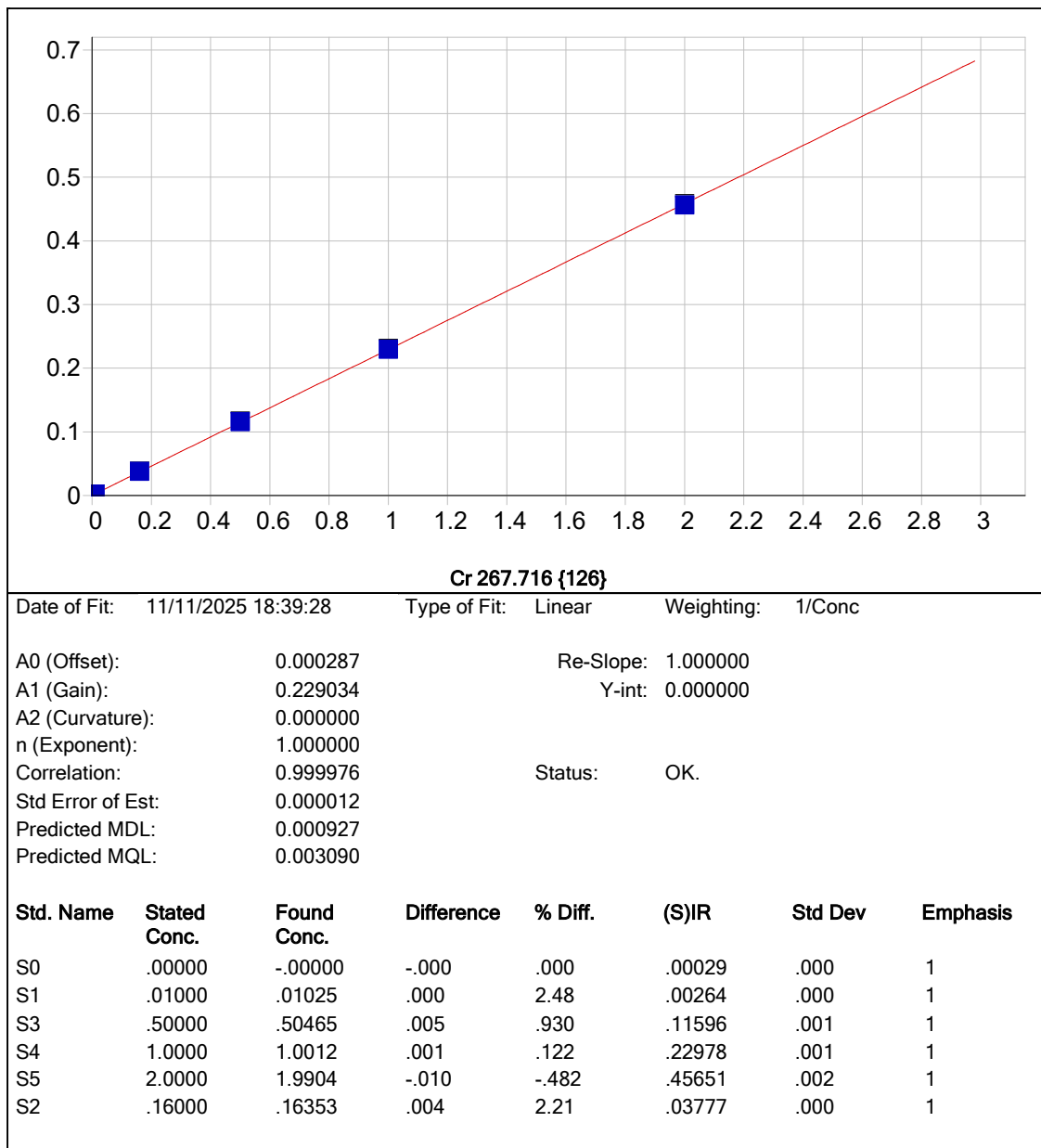
Cd 226.502 {449}

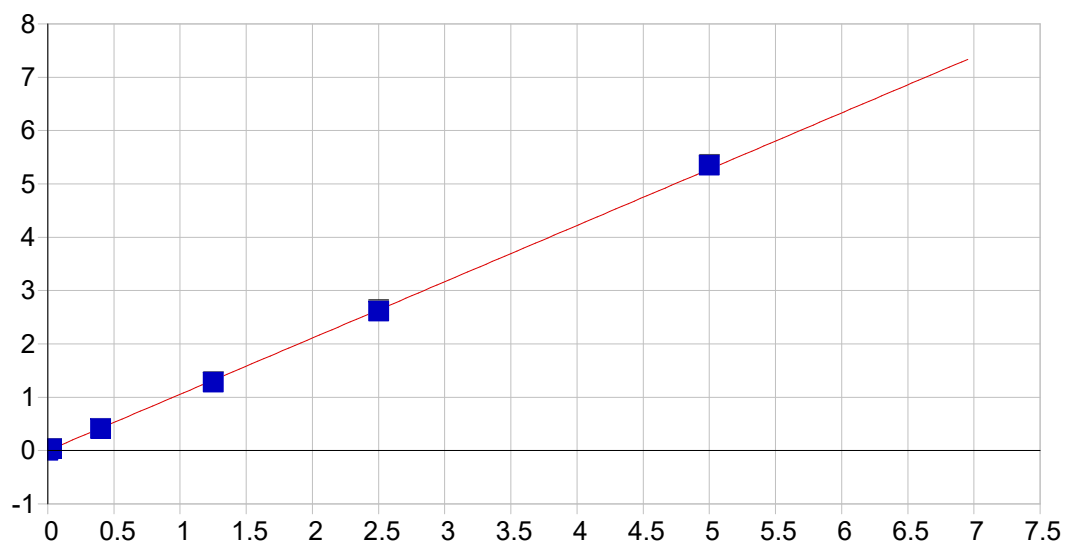
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001709	Re-Slope:	1.000000
A1 (Gain):	2.543386	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999790	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.000174		
Predicted MQL:	0.000582		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00171	.000	1
S1	.00600	.00611	.000	1.82	.01388	.000	1
S3	1.2500	1.2013	-.049	-3.89	3.0559	.003	1
S4	2.5000	2.4833	-.017	-.668	6.3185	.042	1
S5	5.0000	5.0802	.080	1.60	12.928	.021	1
S2	.40000	.38501	-.015	-3.75	.97819	.003	1





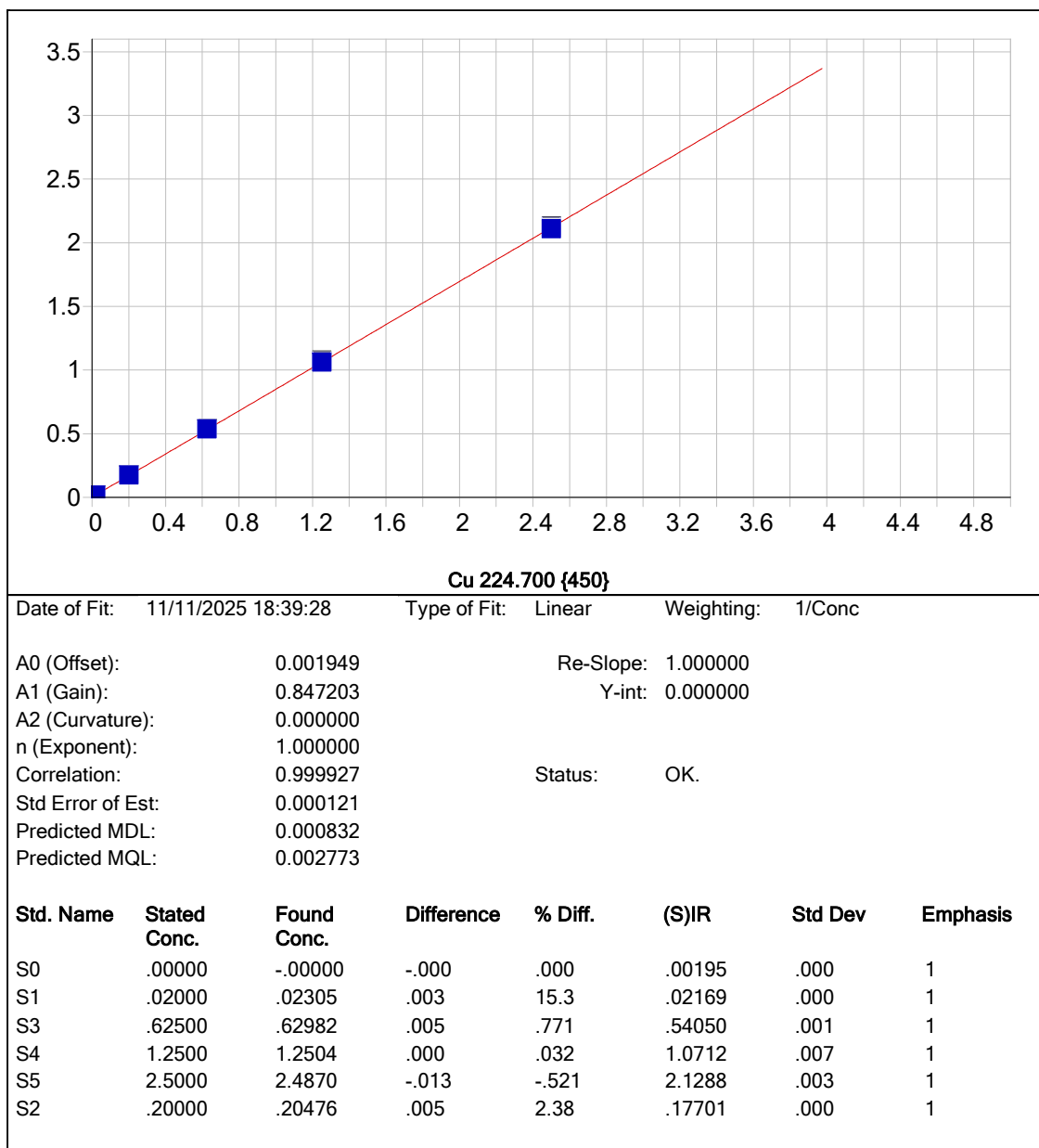


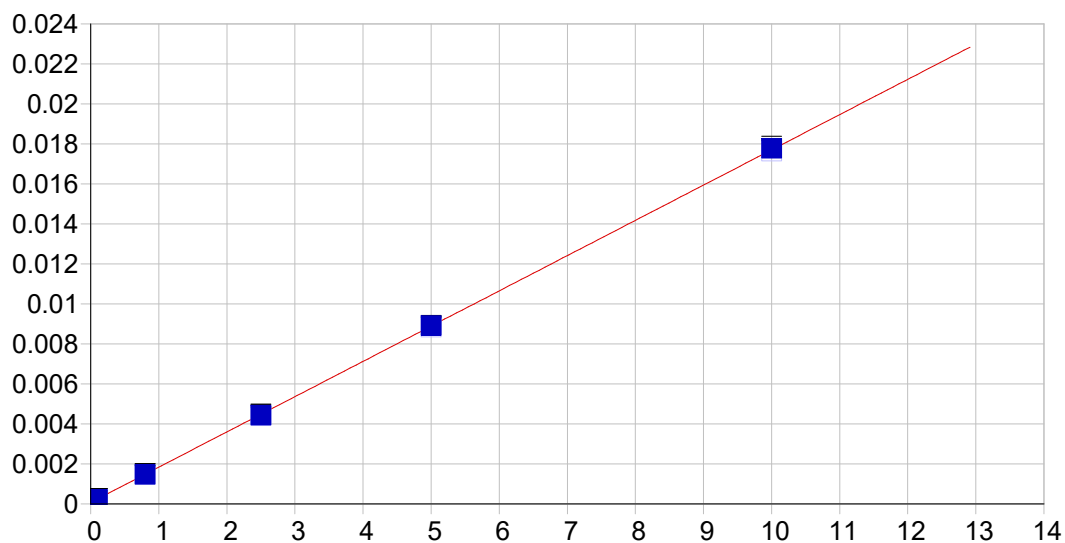
Co 228.616 {448}

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

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	1.055141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.000390		
Predicted MQL:	0.001300		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03000	.03105	.001	3.49	.03279	.001	1
S3	1.2500	1.2152	-.035	-2.79	1.2846	.001	1
S4	2.5000	2.4776	-.022	-.898	2.6188	.020	1
S5	5.0000	5.0666	.067	1.33	5.3551	.010	1
S2	.40000	.38959	-.010	-2.60	.41196	.001	1



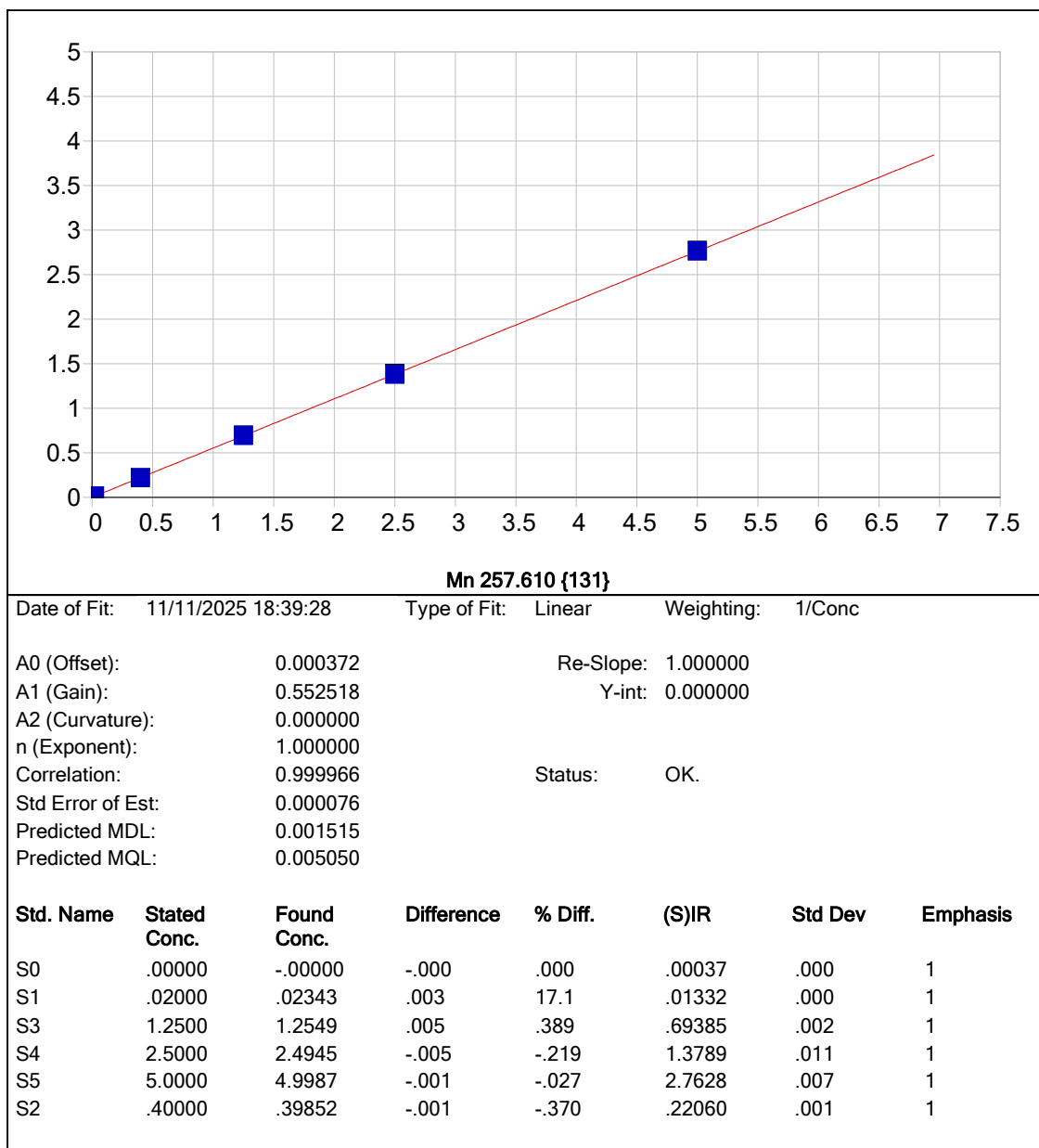


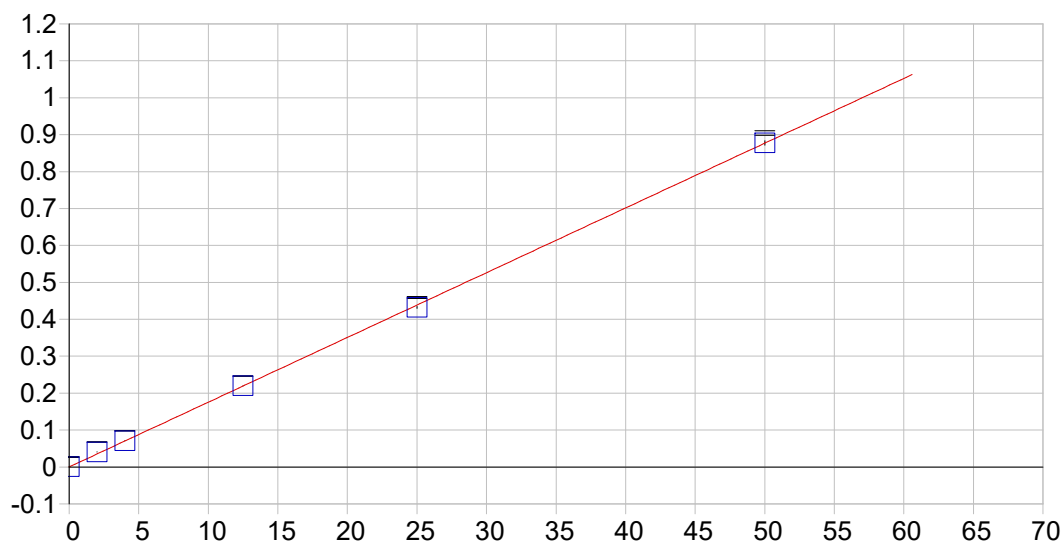
Fe 240.488 {140}

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

A0 (Offset): 0.000074 Re-Slope: 1.000000
A1 (Gain): 0.001763 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999905 Status: OK.
Std Error of Est: 0.000001
Predicted MDL: 0.032206
Predicted MQL: 0.107355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00007	.000	1
S1	.10000	.08297	-.017	-17.0	.00022	.000	1
S3	2.5000	2.4740	-.026	-1.04	.00440	.000	1
S4	5.0000	5.0091	.009	.182	.00883	.000	1
S5	10.000	10.041	.041	.415	.01763	.000	1
S2	.80000	.79239	-.008	-.951	.00146	.000	1



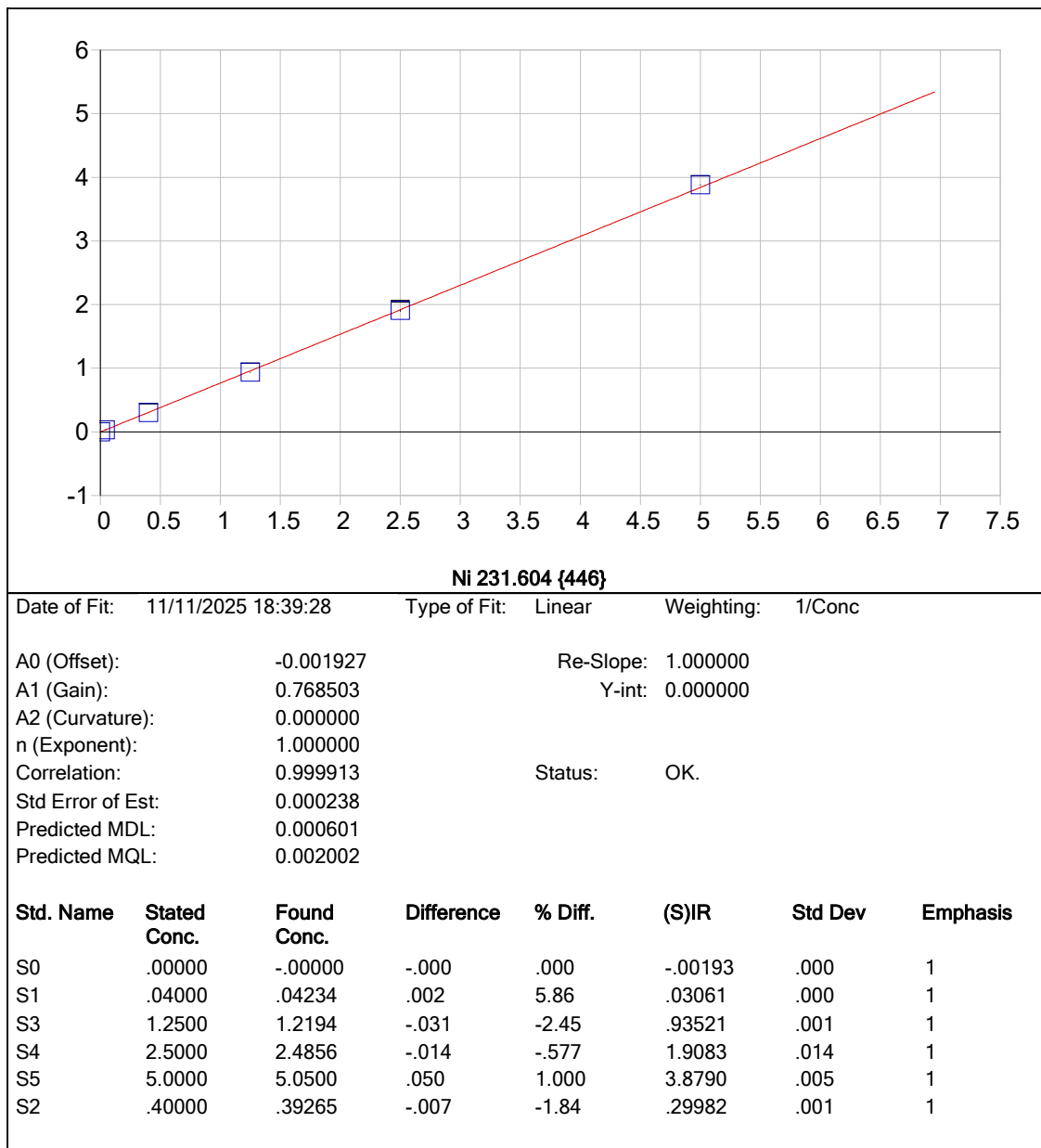


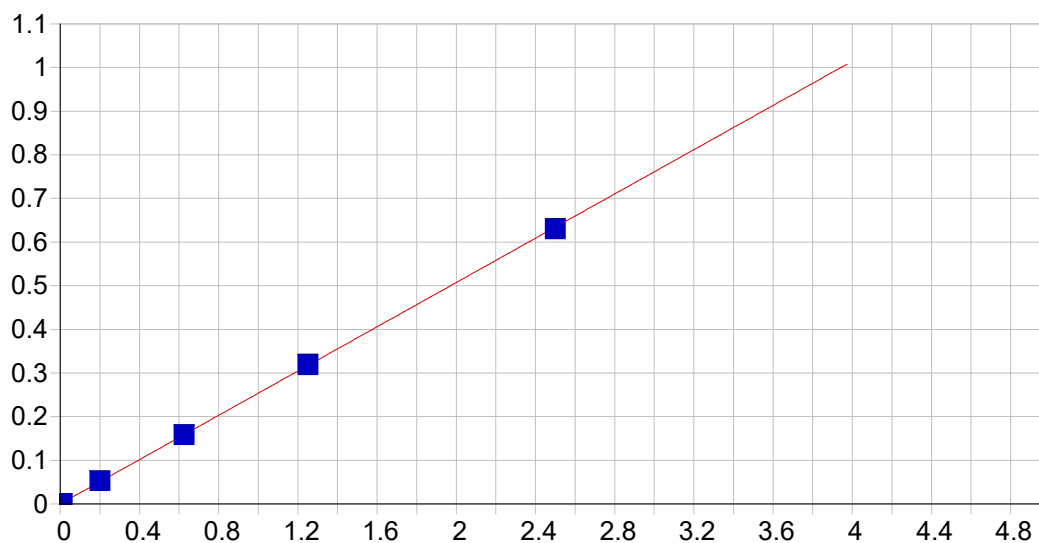
Mg 279.079 {121}

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



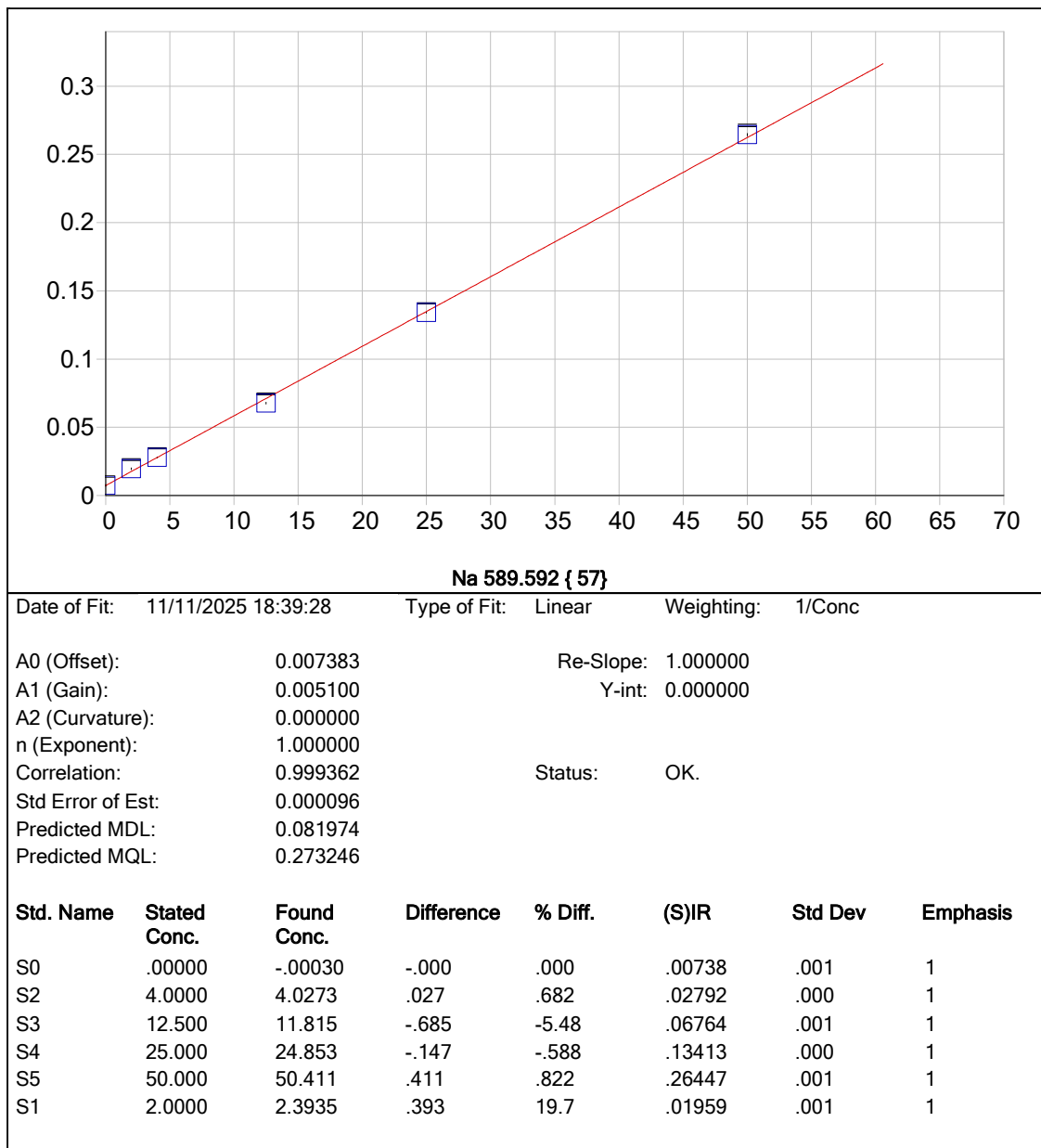


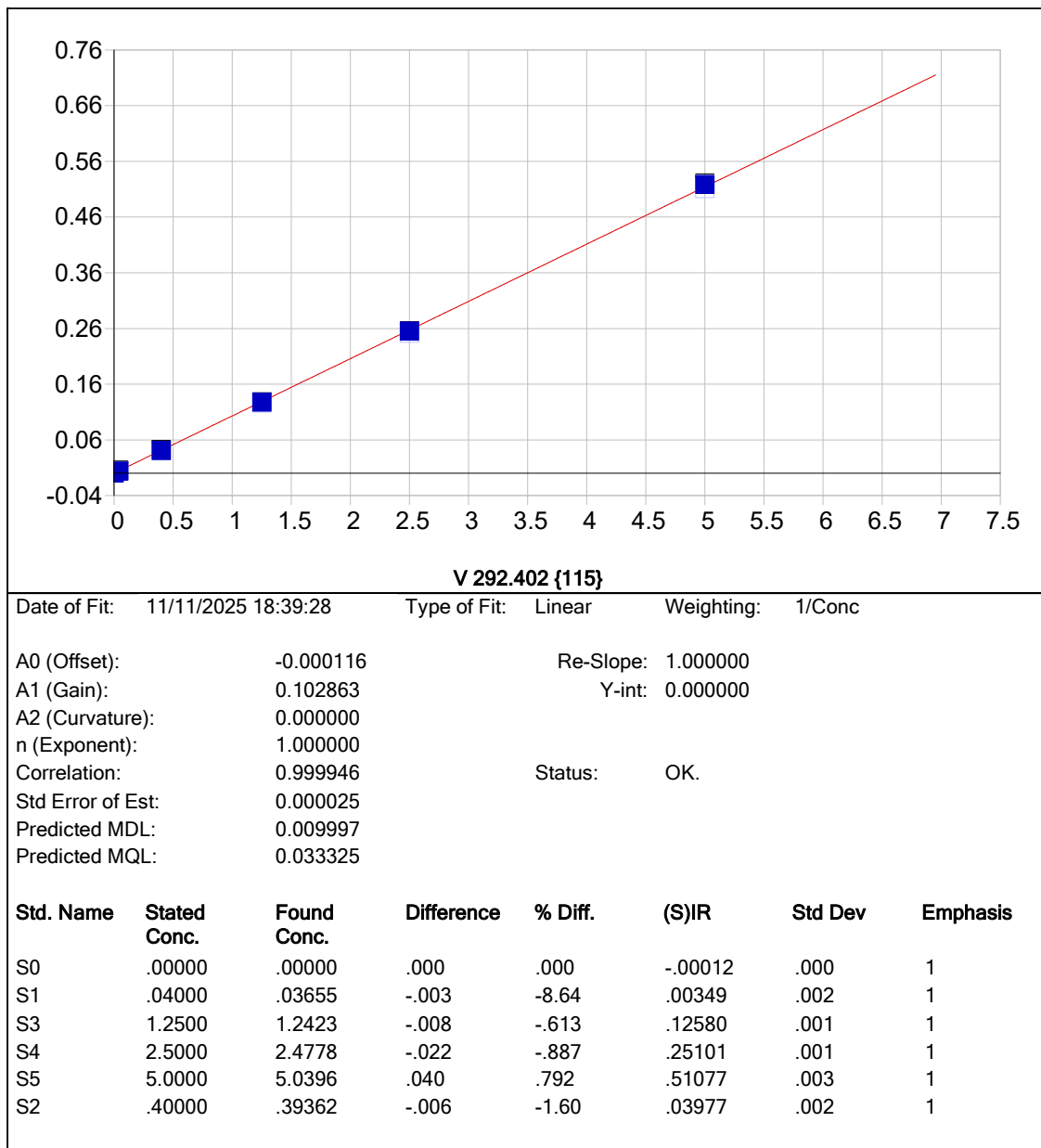
Ag 328.068 {103}

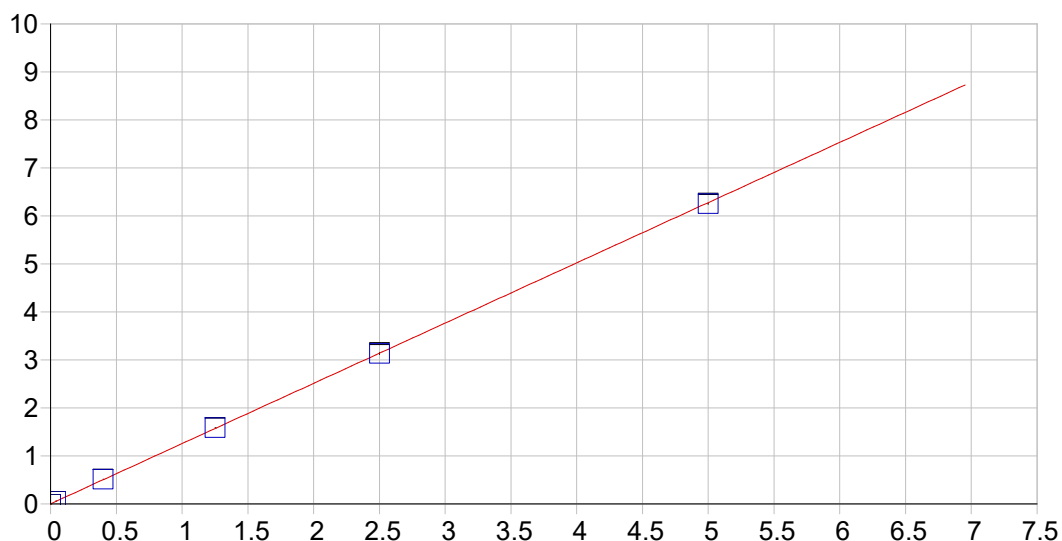
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000087 Re-Slope: 1.000000
A1 (Gain): 0.253660 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999931 Status: OK.
Std Error of Est: 0.000025
Predicted MDL: 0.001393
Predicted MQL: 0.004644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.00871	-.001	-12.9	.00228	.000	1
S3	.62500	.62516	.000	.025	.15796	.001	1
S4	1.2500	1.2577	.008	.614	.31770	.001	1
S5	2.5000	2.4853	-.015	-.587	.62769	.000	1
S2	.20000	.20813	.008	4.07	.05266	.000	1





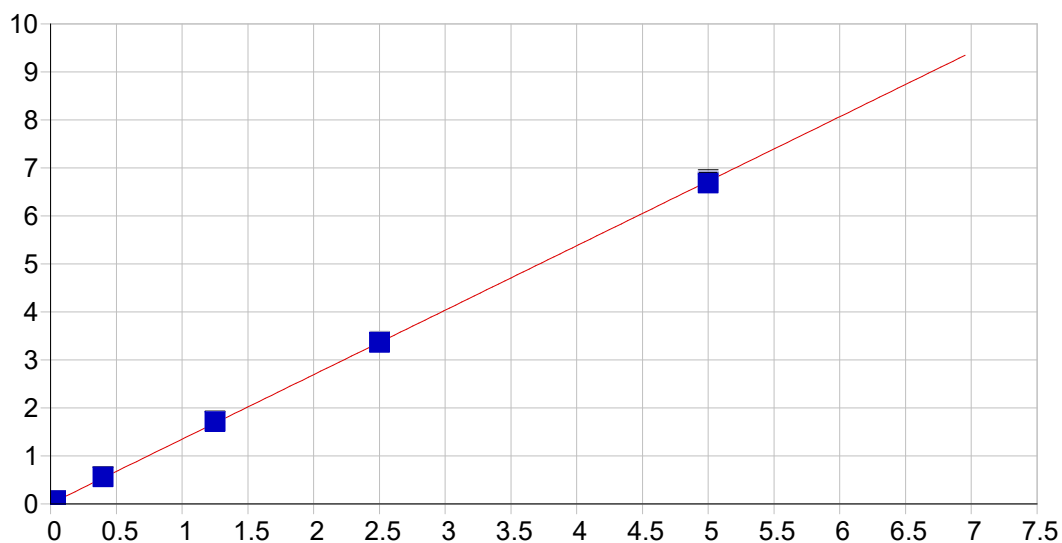


Zn 206.200 {464}

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

A0 (Offset):	0.001850	Re-Slope:	1.000000
A1 (Gain):	1.255053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.000309		
Predicted MQL:	0.001029		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00184	.000	1
S1	.04000	.04423	.004	10.6	.05736	.000	1
S3	1.2500	1.2624	.012	.991	1.5862	.001	1
S4	2.5000	2.4942	-.006	-.231	3.1322	.018	1
S5	5.0000	4.9815	-.019	-.371	6.2539	.014	1
S2	.40000	.40769	.008	1.92	.51352	.000	1

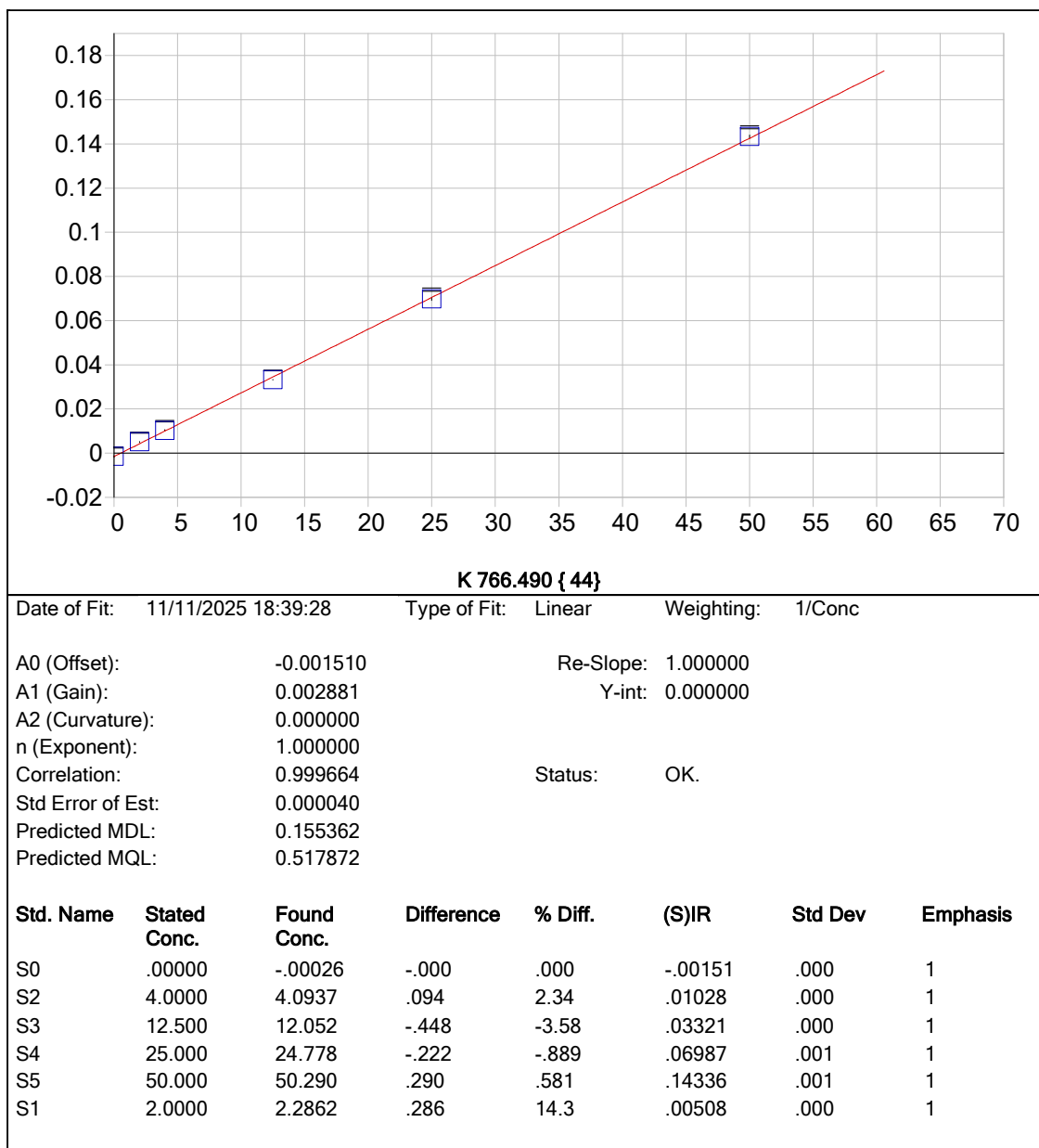


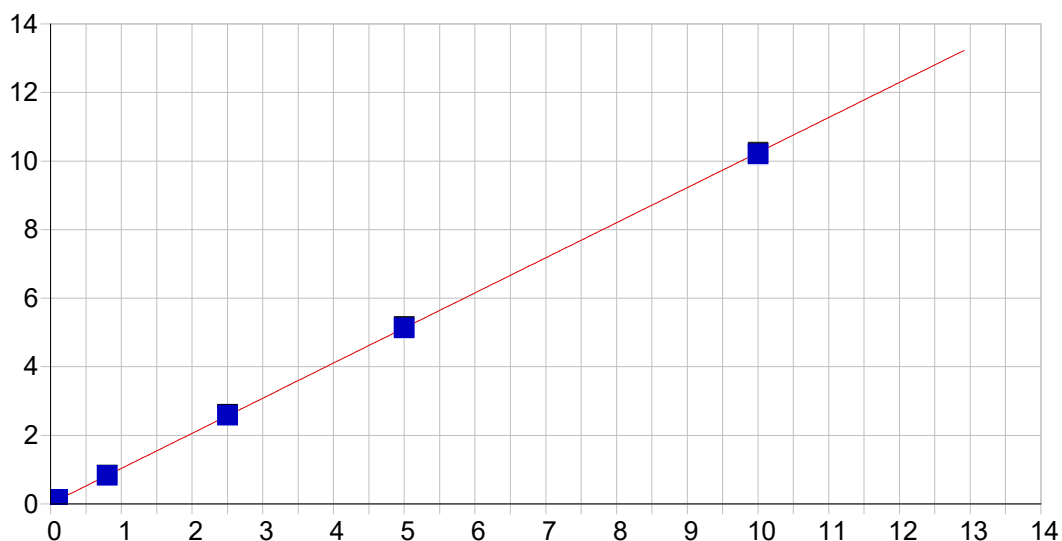
Zn 213.856 {158}

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

A0 (Offset): 0.004597 Re-Slope: 1.000000
A1 (Gain): 1.343734 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999927 Status: OK.
Std Error of Est: 0.000383
Predicted MDL: 0.000695
Predicted MQL: 0.002317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00459	.000	1
S1	.04000	.04418	.004	10.5	.06434	.001	1
S3	1.2500	1.2702	.020	1.62	1.7231	.006	1
S4	2.5000	2.4948	-.005	-.208	3.3803	.008	1
S5	5.0000	4.9684	-.032	-.632	6.7276	.028	1
S2	.40000	.41238	.012	3.10	.56247	.002	1



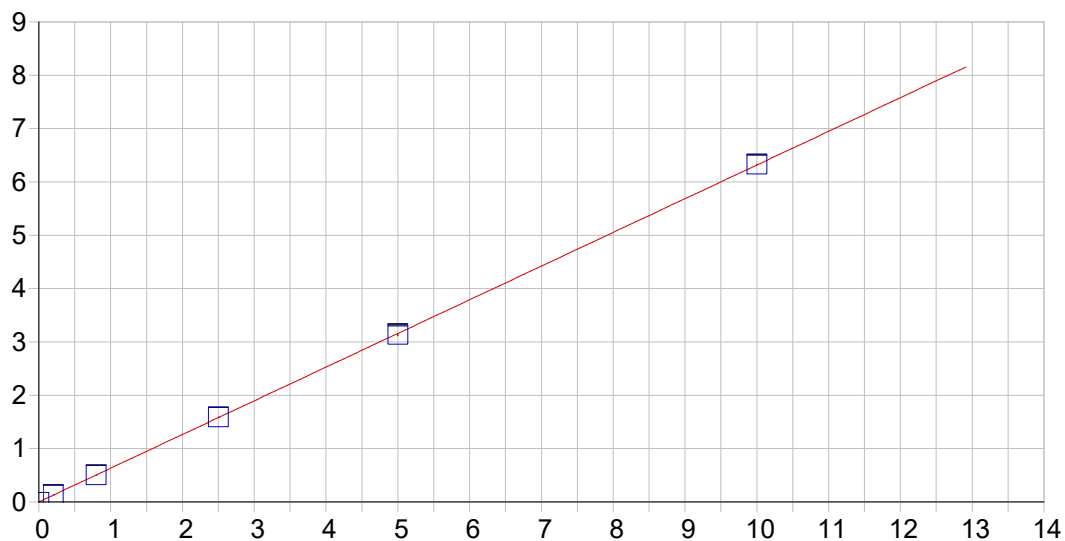


B 249.678 {135}

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

A0 (Offset): 0.012911 Re-Slope: 1.000000
A1 (Gain): 1.023425 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999964 Status: OK.
Std Error of Est: 0.000452
Predicted MDL: 0.001895
Predicted MQL: 0.006317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01290	.000	1
S1	.10000	.11051	.011	10.5	.12540	.002	1
S3	2.5000	2.5133	.013	.533	2.5759	.025	1
S4	5.0000	5.0073	.007	.145	5.1190	.030	1
S5	10.000	9.9670	-.033	-.330	10.176	.041	1
S2	.80000	.80196	.002	.245	.83071	.002	1

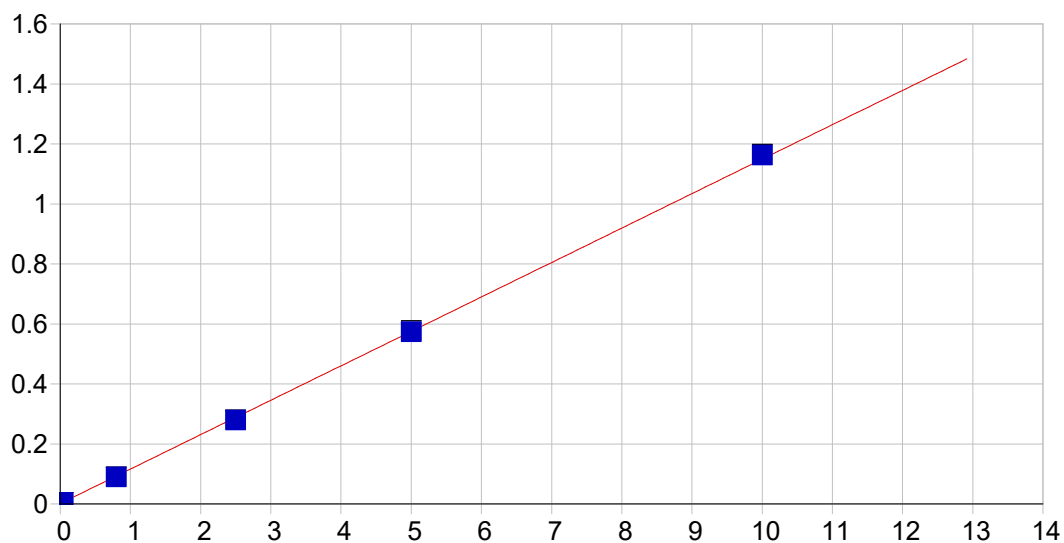


Mo 202.030 {467}

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

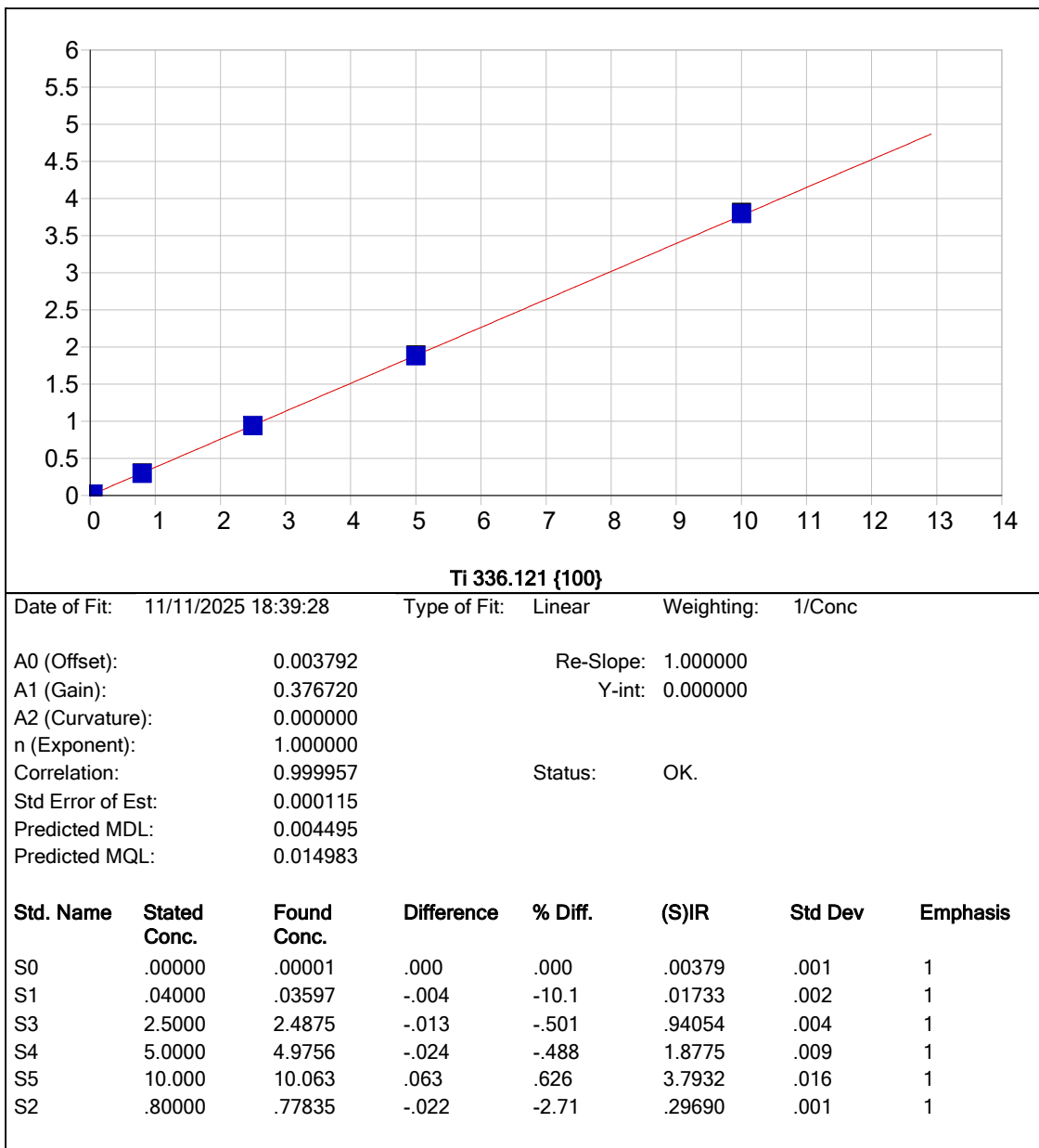


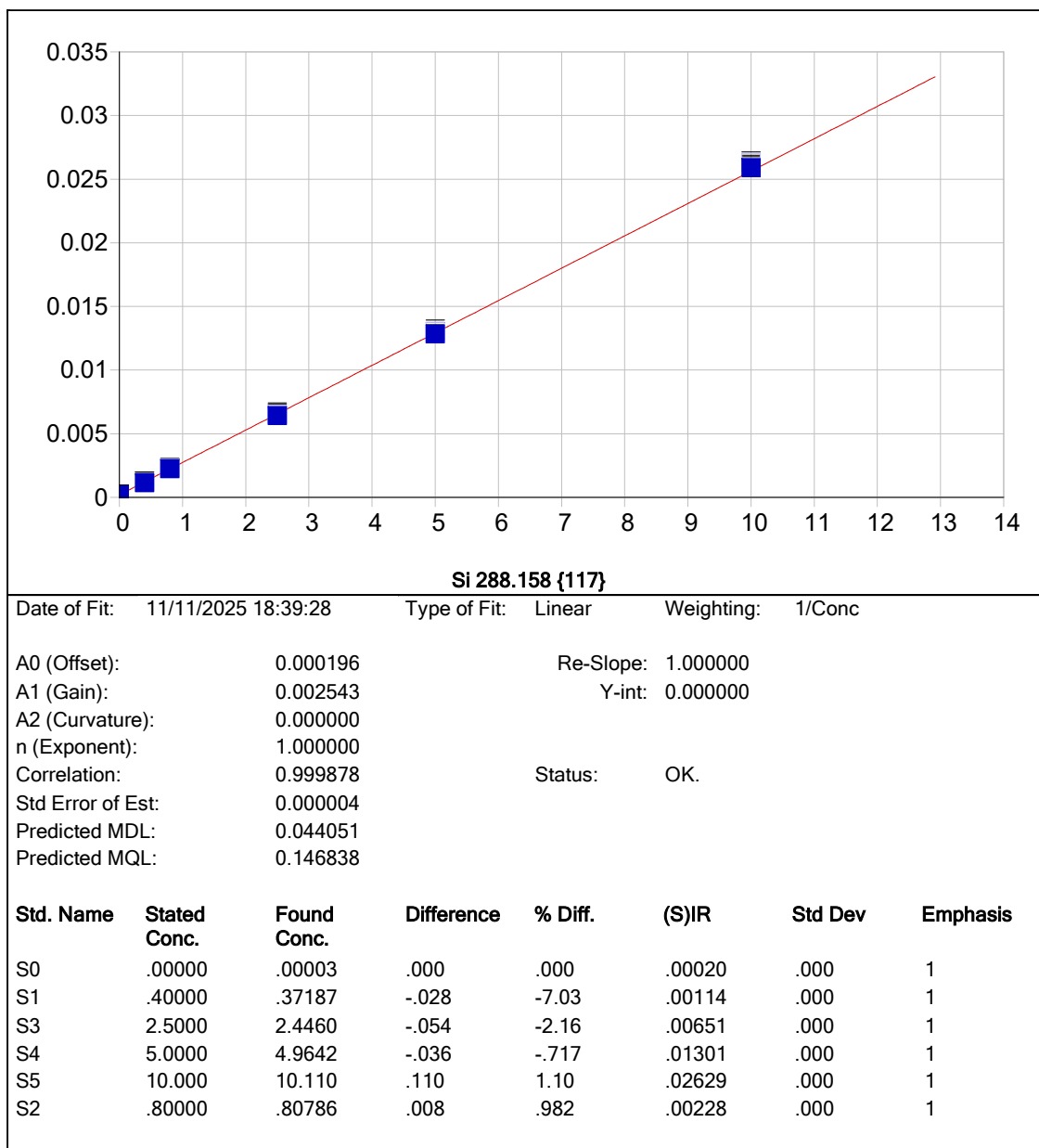
Sn 189.989 {478}

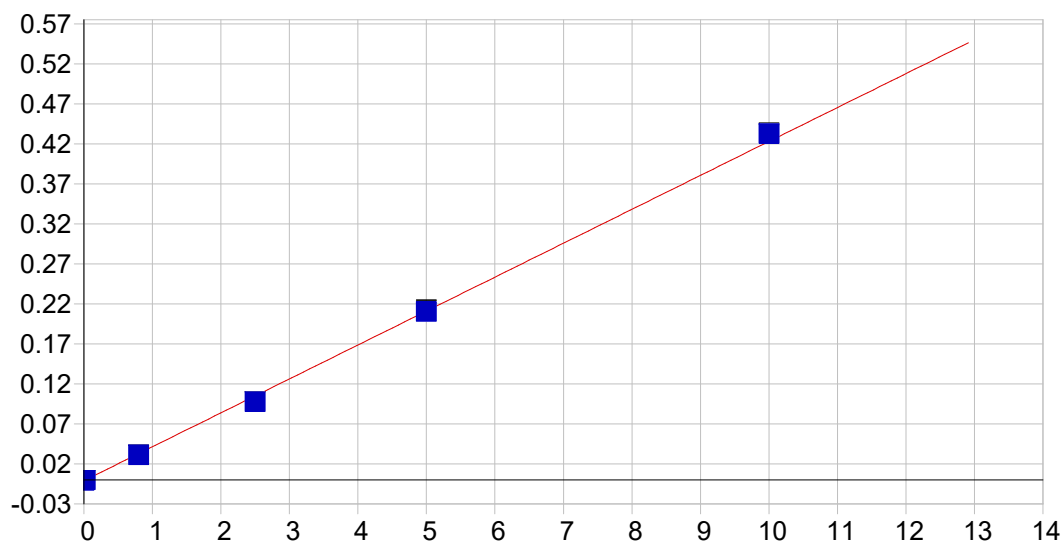
Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001098 Re-Slope: 1.000000
A1 (Gain): 0.114790 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999868 Status: OK.
Std Error of Est: 0.000062
Predicted MDL: 0.001509
Predicted MQL: 0.005031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.04000	.03912	-.001	-2.20	.00558	.000	1
S3	2.5000	2.4221	-.078	-3.12	.27884	.000	1
S4	5.0000	4.9869	-.013	-.263	.57295	.004	1
S5	10.000	10.119	.119	1.19	1.1615	.003	1
S2	.80000	.77255	-.027	-3.43	.08969	.000	1





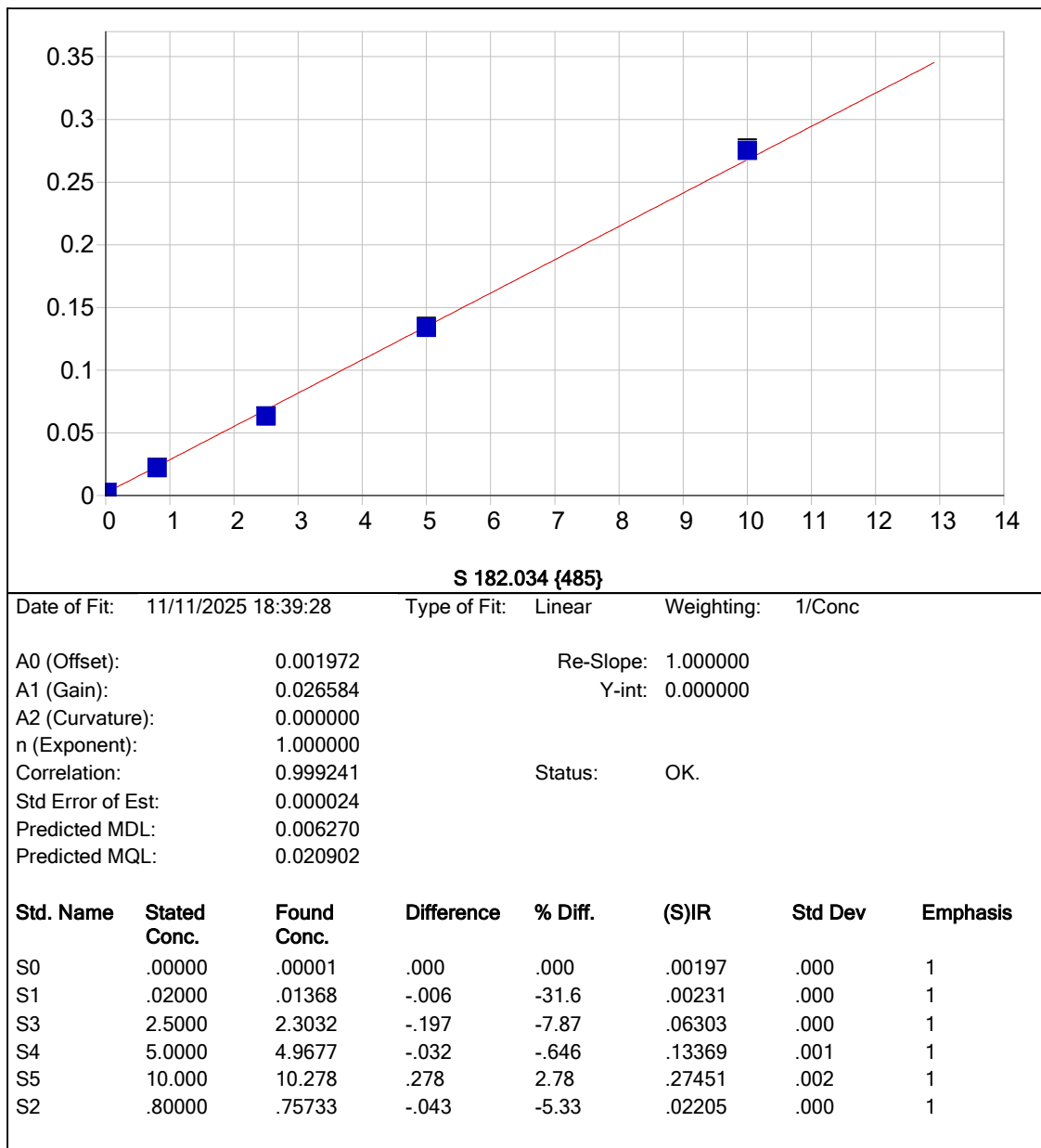


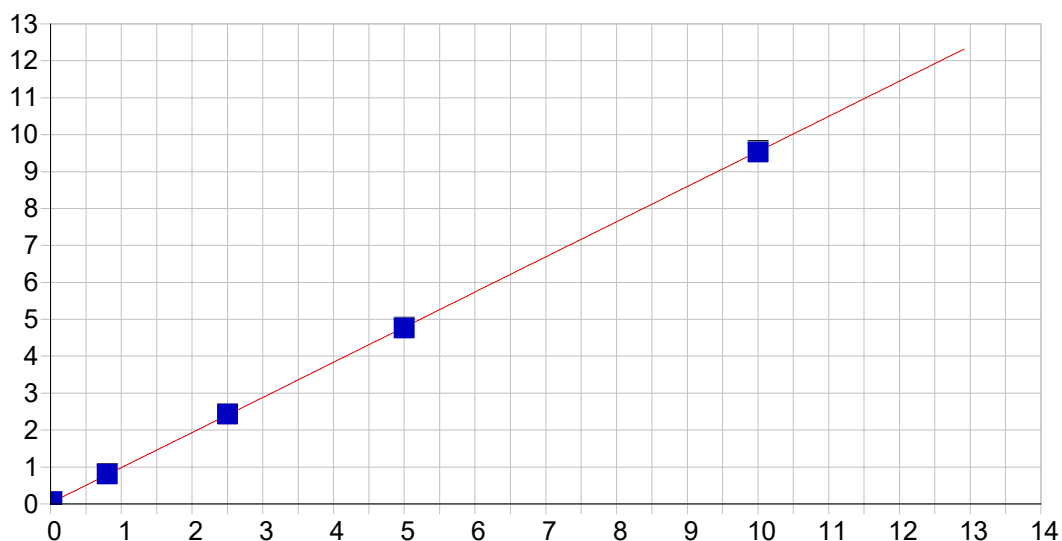
P 177.495 {490}

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

A0 (Offset): -0.000985 Re-Slope: 1.000000
A1 (Gain): 0.042390 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999466 Status: OK.
Std Error of Est: 0.000032
Predicted MDL: 0.003364
Predicted MQL: 0.011214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.02000	.02105	.001	5.24	-.00009	.000	1
S3	2.5000	2.3280	-.172	-6.88	.09768	.000	1
S4	5.0000	4.9880	-.012	-.240	.21042	.002	1
S5	10.000	10.228	.228	2.28	.43249	.001	1
S2	.80000	.75533	-.045	-5.58	.03103	.000	1



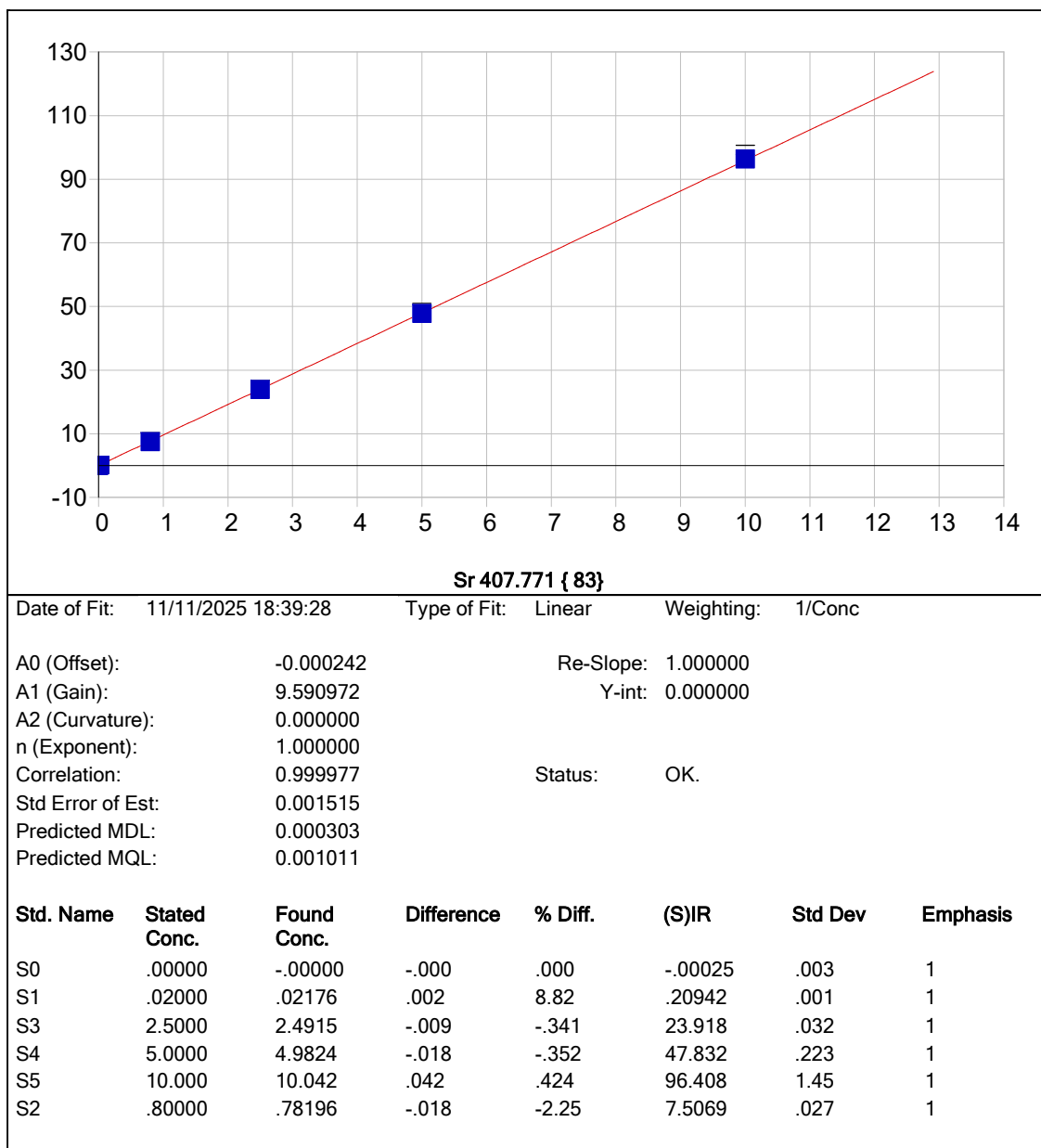


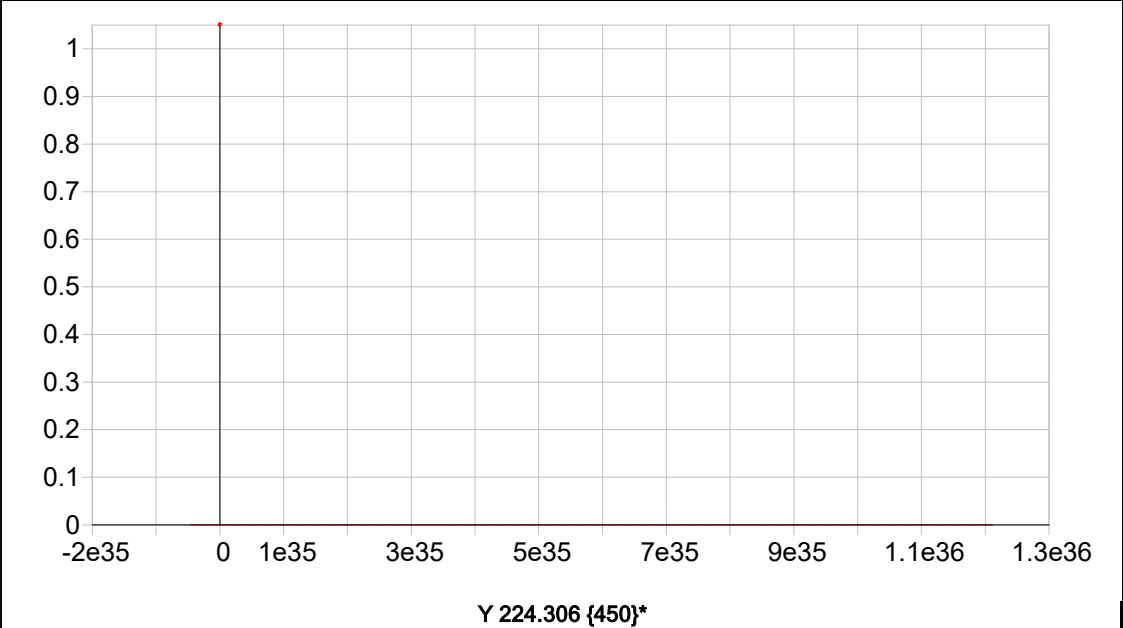
Li 670.784 { 50}

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

A0 (Offset): 0.028749 Re-Slope: 1.000000
A1 (Gain): 0.951690 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999764 Status: OK.
Std Error of Est: 0.000485
Predicted MDL: 0.005393
Predicted MQL: 0.017977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02874	.006	1
S5	10.000	9.9795	-.020	-.205	9.5338	.035	1
S4	5.0000	4.9713	-.029	-.574	4.7637	.024	1
S3	2.5000	2.5230	.023	.922	2.4318	.008	1
S1	.02000	.03265	.013	63.3	.06016	.003	1
S2	.80000	.81327	.013	1.66	.80334	.008	1

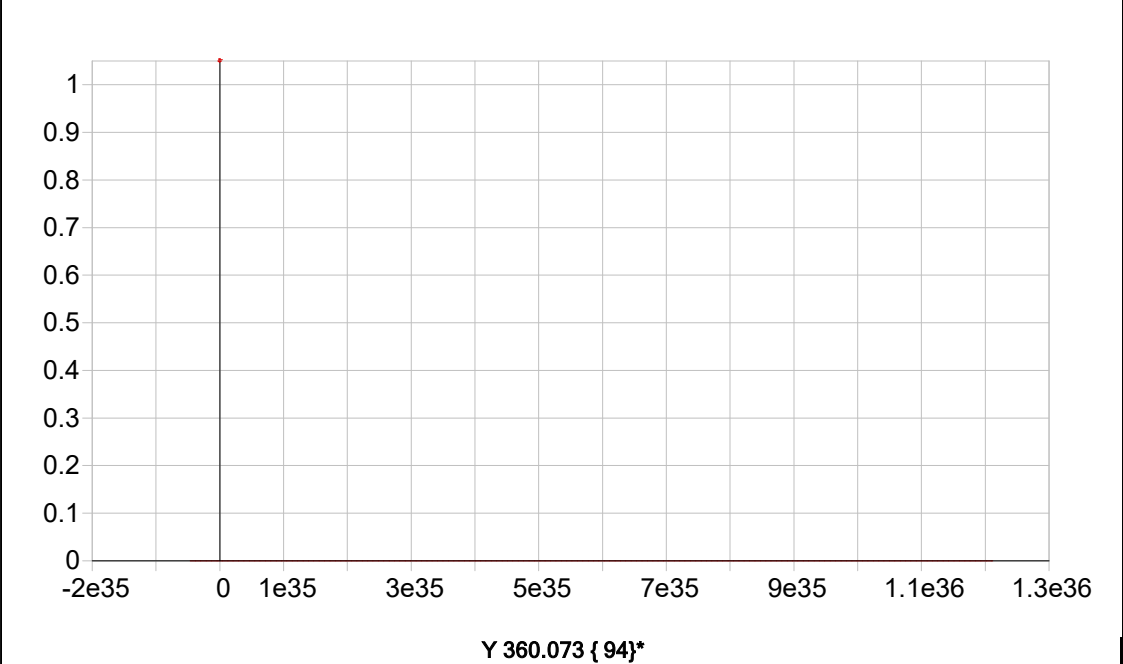




Date of Fit: 11/11/2025 18:39:28 Type of Fit: Linear Weighting: 1/Conc

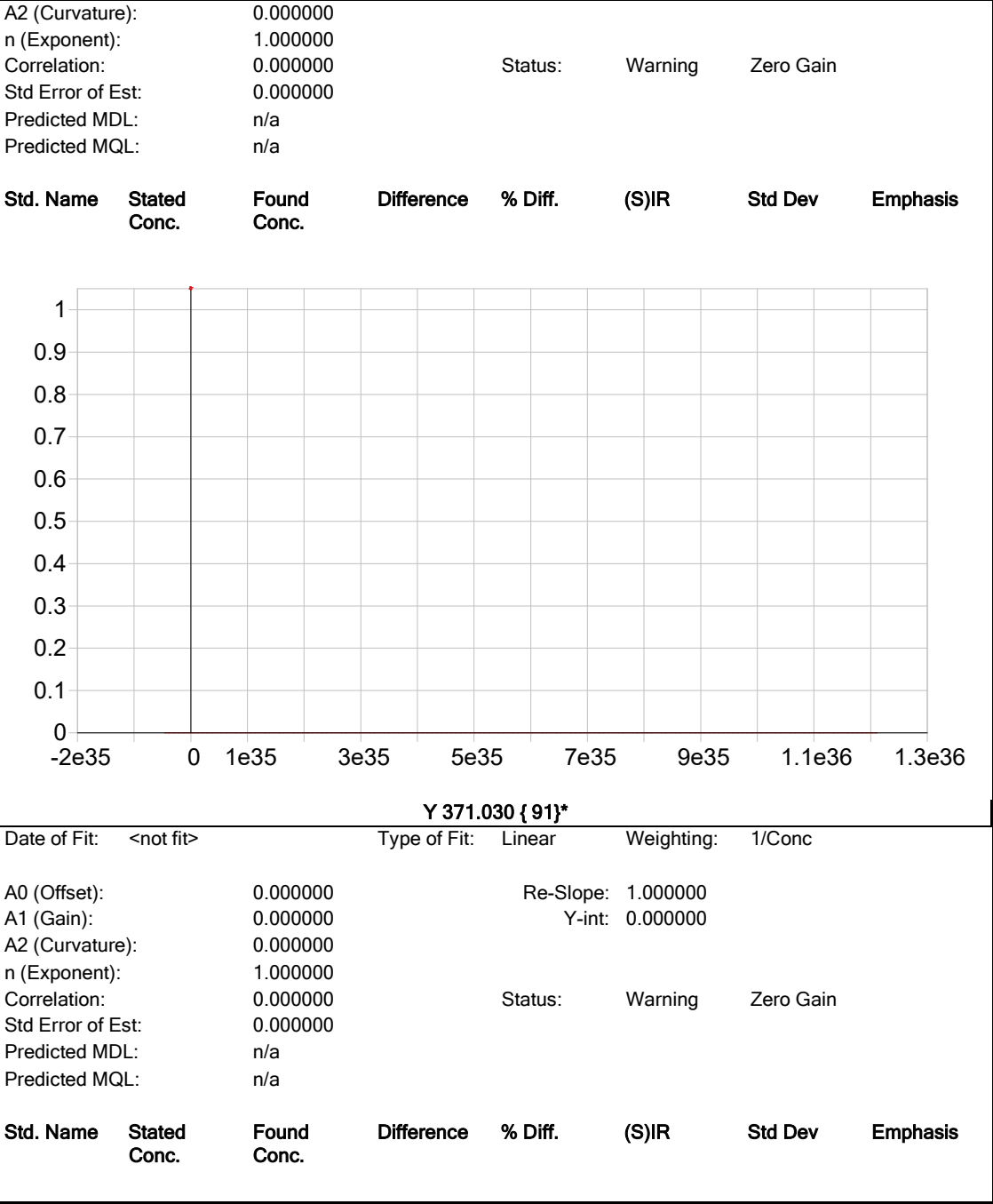
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

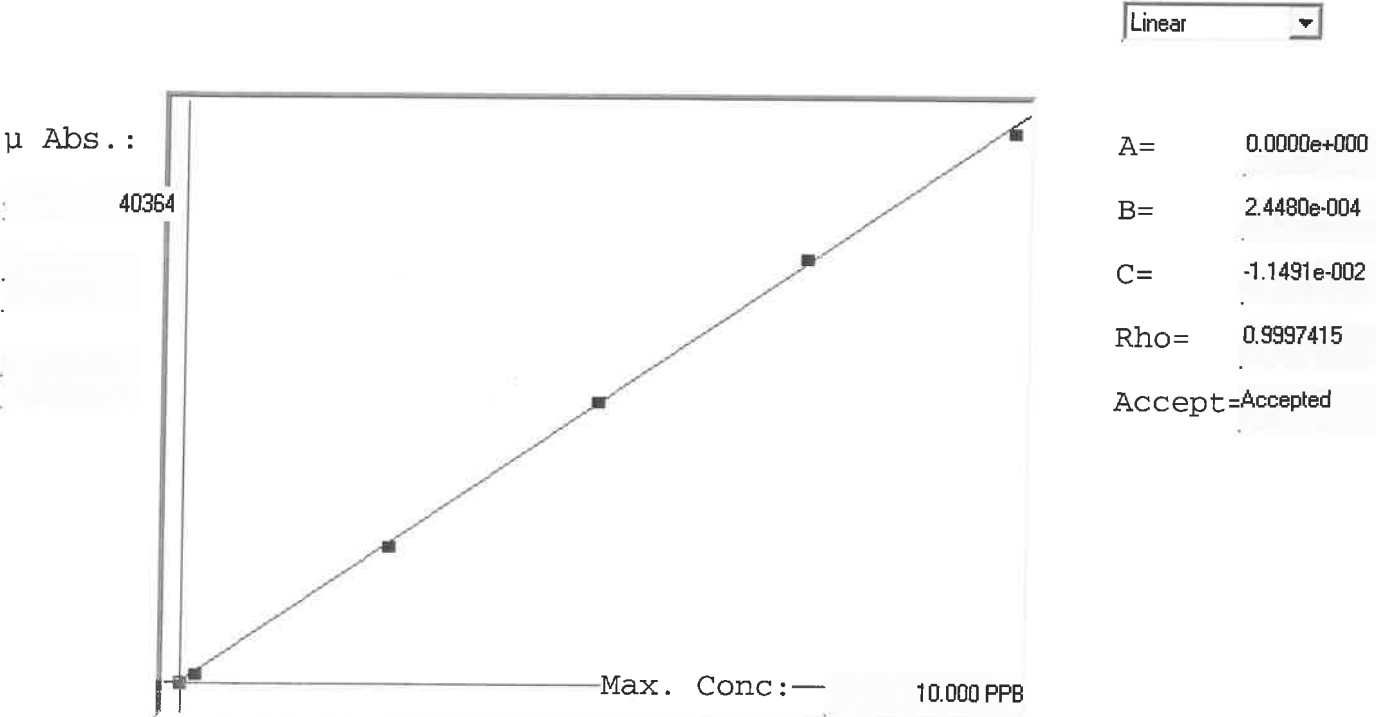


A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

LB137799

7470A

INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	-0.008	-0.008	13	0.000	13	0			
0.2	0.200	0.171	-0.029	745	0.0 %	745	0			
2.5	2.500	2.464	-0.036	10112	0.0 %	10112	0			
5.0	5.000	5.069	0.069	20752	0.0 %	20752				
7.5	7.500	7.635	0.135	31237	0.0 %	31237				
10.0	10.000	9.870	-0.130	40364	0.0 %	40364				

LB137799 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 06 Nov 2025 13:06:11

Type	Sample ID	Extended ID	Conc.	μ Abs.	Units	Type	Std Conc	Method	Date
S	0.0 - 1	50	-	13	PPB	Std	0.0000	7470A	06 Nov 2025 13:10:53
S	0.2 - 1	50.2	-	745	PPB	Std	0.2000	7470A	06 Nov 2025 13:13:10
S	2.5 - 1	52.5	-	10112	PPB	Std	2.5000	7470A	06 Nov 2025 13:15:28
S	5.0 - 1	55	-	20752	PPB	Std	5.0000	7470A	06 Nov 2025 13:17:45
S	7.5 - 1	57.5	-	31237	PPB	Std	7.5000	7470A	06 Nov 2025 13:22:56
S	10.0 - 1	510	-	40364	PPB	Std	10.0000	7470A	06 Nov 2025 13:28:12
U	ICV101 - 1	ICV101	3.6977	15152	PPB	SMPL	-7470A		06 Nov 2025 13:37:03
U	ICB101 - 1	ICB101	-0.0511	-162	PPB	SMPL	-7470A		06 Nov 2025 13:39:17
U	CCV34 - 1	CCV34	4.9494	20265	PPB	SMPL	-7470A		06 Nov 2025 13:41:35
U	CCB34 - 1	CCB34	-0.0504	-159	PPB	SMPL	-7470A		06 Nov 2025 13:43:50
U	CRA - 1	CRA	0.1726	752	PPB	SMPL	-7470A		06 Nov 2025 13:46:09
U	HighStd - 1	HighStd	9.6960	39655	PPB	SMPL	-7470A		06 Nov 2025 13:48:24
U	ChkStd - 1	ChkStd	6.7467	27607	PPB	SMPL	-7470A		06 Nov 2025 13:50:39
U	PB170408BL - 1	PBW	-0.0746	-258	PPB	SMPL	-7470A		06 Nov 2025 13:53:05
U	PB170408BS - 1	LCSW	3.8536	15789	PPB	SMPL	-7470A		06 Nov 2025 13:55:28
U	Q3532-04 - 1	TP-1	-0.0465	-143	PPB	SMPL	-7470A		06 Nov 2025 13:57:45
U	Q3532-04DUP - 1	TP-1DUP	0.0039	63	PPB	SMPL	-7470A		06 Nov 2025 14:00:04
U	Q3532-04MS - 1	TP-1MS	3.6468	14944	PPB	SMPL	-7470A		06 Nov 2025 14:02:21
U	Q3532-04MSD - 1	TP-1MSD	3.4950	14324	PPB	SMPL	-7470A		06 Nov 2025 14:04:38
U	Q3532-08 - 1	TP-2	-0.0516	-164	PPB	SMPL	-7470A		06 Nov 2025 14:06:56
U	CCV35 - 1	CCV35	4.9330	20198	PPB	SMPL	-7470A		06 Nov 2025 14:09:14
U	CCB35 - 1	CCB35	-0.0813	-285	PPB	SMPL	-7470A		06 Nov 2025 14:11:30
U	Q3536-02 - 1	FILTER-COMP	-0.0007	44	PPB	SMPL	-7470A		06 Nov 2025 14:13:48
U	Q3537-02 - 1	MW-17-SOIL	-0.0112	1	PPB	SMPL	-7470A		06 Nov 2025 14:16:03
U	Q3544-04 - 1	ONYX-1	-0.0078	15	PPB	SMPL	-7470A		06 Nov 2025 14:18:19
U	Q3546-10 - 1	TP-COMP	0.0047	66	PPB	SMPL	-7470A		06 Nov 2025 14:20:35
U	Q3549-02 - 1	RT4922	0.0071	76	PPB	SMPL	-7470A		06 Nov 2025 14:22:50
U	PB170409BL - 1	PBW	-0.0051	26	PPB	SMPL	-7470A		06 Nov 2025 14:25:07
U	PB170409BS - 1	LCSW	3.7361	15309	PPB	SMPL	-7470A		06 Nov 2025 14:27:24
U	Q3534-10 - 1	EB-1	-0.0756	-262	PPB	SMPL	-7470A		06 Nov 2025 14:29:41
U	Q3552-01 - 1	MW-4	-0.0032	34	PPB	SMPL	-7470A		06 Nov 2025 14:32:00
U	Q3552-01DUP - 1	MW-4DUP	0.0052	68	PPB	SMPL	-7470A		06 Nov 2025 14:34:16
U	CCV36 - 1	CCV36	4.7433	19423	PPB	SMPL	-7470A		06 Nov 2025 14:36:31
U	CCB36 - 1	CCB36	-0.0746	-258	PPB	SMPL	-7470A		06 Nov 2025 14:38:47
U	Q3552-01MS - 1	MW-4MS	3.4754	14244	PPB	SMPL	-7470A		06 Nov 2025 14:41:05
U	Q3552-01MSD - 1	MW-4MSD	3.5232	14439	PPB	SMPL	-7470A		06 Nov 2025 14:46:15
U	Q3552-02 - 1	MW-8	0.1567	687	PPB	SMPL	-7470A		06 Nov 2025 14:48:31
U	Q3552-03 - 1	MW-9	0.3011	1277	PPB	SMPL	-7470A		06 Nov 2025 14:50:51
U	Q3552-04 - 1	MW-10	-0.0149	-14	PPB	SMPL	-7470A		06 Nov 2025 14:53:08
U	Q3552-05 - 1	MW-3	0.0810	378	PPB	SMPL	-7470A		06 Nov 2025 14:55:25
U	CCV37 - 1	CCV37	4.7587	19486	PPB	SMPL	-7470A		06 Nov 2025 14:57:42
U	CCB37 - 1	CCB37	-0.0705	-241	PPB	SMPL	-7470A		06 Nov 2025 14:59:59
U	PB170394TB - 1	PB170394TB	-0.0024	37	PPB	SMPL	-7470A		06 Nov 2025 15:02:19
U	Q3532-04lx5 - 1		0.0020	55	PPB	SMPL	-7470A		06 Nov 2025 15:04:35
U	Q3532-04a - 1		3.6901	15121	PPB	SMPL	-7470A		06 Nov 2025 15:06:50
U	Q3552-01lx5 - 1		-0.0617	-205	PPB	SMPL	-7470A		06 Nov 2025 15:09:06
U	Q3552-01A - 1		3.6774	15069	PPB	SMPL	-7470A		06 Nov 2025 15:11:24
U	ccv38 - 1	ccv38	4.8622	19909	PPB	SMPL	-7470A		06 Nov 2025 15:13:40
U	ccb38 - 1	ccb38	-0.0795	-278	PPB	SMPL	-7470A		06 Nov 2025 15:15:58

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID : ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/06/2025 Time : 10:55 Temp : 96 °C

End Digest Date: 11/06/2025 Time : 13:55 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: 

Supervisor Signature: 

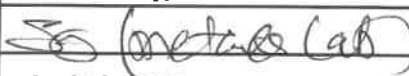
Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
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 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 14:55	S108 met d17	 (met d17)
	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
PB170411BL	PBW411	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
PB170411BS	LCS411	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3534-10	EB-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q3552-01	MW-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3552-02	MW-8	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19
Q3552-03	MW-9	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	20
Q3552-04	MW-10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3552-04MS	MW-10MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	23
Q3552-04MSD	MW-10MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	24
Q3552-04DUP	MW-10DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3552-05	MW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	25

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB170411

Worklist ID : 192945

Department : Digestion

Date : 11-06-2025 10:06:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-10	EB-1	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02		11/04/2025	6010D
Q3552-01	MW-4	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	6010D
Q3552-02	MW-8	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	6010D
Q3552-03	MW-9	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	6010D
Q3552-04	MW-10	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	D41	11/05/2025	6010D
Q3552-05	MW-3	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	6010D

Date/Time 11/06/2025 10:20

Raw Sample Received by: S105mctd19

Raw Sample Relinquished by: C1065m,

Date/Time 11/06/2025 11:20

Raw Sample Received by: C1065m,

Raw Sample Relinquished by: S105mctd19

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/06/2025 Time : 09:40 Temp : 96 °C

End Digest Date: 11/06/2025 Time : 11:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: HG MET-DIG. # 3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87873
CCV	30mL	MP87875
CRA	30mL	MP87877
Blank Spike	0.48mL	MP87866
Matrix Spike	0.48mL	MP87866

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87867
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87868
2.5 ppb	S2.5	30mL	MP87869
5.0 ppb	S5.0	30mL	MP87870
7.5 ppb	S7.5	30mL	MP87871
10.0 ppb	S10.0	30mL	MP87872
ICV	ICV	30mL	MP87873
ICB	ICB	30mL	MP87874
CCV	CCV	30mL	MP87875
CCB	CCB	30mL	MP87876
CRI	CRI	30mL	MP87877
CHK STD	CHK STD	30mL	MP87878

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 12:15	<i>MB - Dig Lab</i>	<i>MB - Analytical Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170409BL	PBW409	30	30	<2	N/A	3-14
PB170409BS	LCS409	30	30	<2	MP87866	15
Q3534-10	EB-1	30	30	<2	N/A	16
Q3552-01DUP	MW-4DUP	30	30	<2	N/A	18
Q3552-01MS	MW-4MS	30	30	<2	MP87866	19
Q3552-01MSD	MW-4MSD	30	30	<2	MP87866	20
Q3552-01	MW-4	30	30	<2	N/A	17
Q3552-02	MW-8	30	30	<2	N/A	21
Q3552-03	MW-9	30	30	<2	N/A	22
Q3552-04	MW-10	30	30	<2	N/A	23
Q3552-05	MW-3	30	30	<2	N/A	24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 110625_7470 WorkList ID : 192940 Department : Digestion Date : 11-06-2025 09:15:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-10	EB-1	Water	Mercury	1:1 HNO3 to pH < 2	REMI02		11/04/2025	7470A
Q3552-01	MW-4	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	7470A
Q3552-02	MW-8	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	7470A
Q3552-03	MW-9	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	7470A
Q3552-04	MW-10	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/05/2025	7470A
Q3552-05	MW-3	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/04/2025	7470A

Date/Time 11/6/25 @ 9:00
 Raw Sample Received by: AS - Dig. Lab
 Raw Sample Relinquished by: AS - Dig. Lab

Date/Time 11/6/25 @ 9:45
 Raw Sample Received by: AS - Dig. Lab
 Raw Sample Relinquished by: AS - Dig. Lab

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872
ICV Standard	MP87873
CCV Standard	MP87875
ICSA Standard	
CRI Standard	MP87877
LCS Standard	
Chk Standard	MP87874,MP87876,MP87878,MP87864

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/06/25 13:10		mohan	OK
2	S0.2	S0.2	CAL2	11/06/25 13:13		mohan	OK
3	S2.5	S2.5	CAL3	11/06/25 13:15		mohan	OK
4	S5	S5	CAL4	11/06/25 13:17		mohan	OK
5	S7.5	S7.5	CAL5	11/06/25 13:22		mohan	OK
6	S10	S10	CAL6	11/06/25 13:28		mohan	OK
7	ICV101	ICV101	ICV	11/06/25 13:37		mohan	OK
8	ICB101	ICB101	ICB	11/06/25 13:39		mohan	OK
9	CCV34	CCV34	CCV	11/06/25 13:41		mohan	OK
10	CCB34	CCB34	CCB	11/06/25 13:43		mohan	OK
11	CRA	CRA	CRDL	11/06/25 13:46		mohan	OK
12	HighStd	HighStd	HIGH STD	11/06/25 13:48		mohan	OK
13	ChkStd	ChkStd	SAM	11/06/25 13:50		mohan	OK
14	PB170408BL	PB170408BL	MB	11/06/25 13:53		mohan	OK
15	PB170408BS	PB170408BS	LCS	11/06/25 13:55		mohan	OK
16	Q3532-04	TP-1	SAM	11/06/25 13:57		mohan	OK
17	Q3532-04DUP	TP-1DUP	DUP	11/06/25 14:00		mohan	OK
18	Q3532-04MS	TP-1MS	MS	11/06/25 14:02		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872		
ICV Standard	MP87873		
CCV Standard	MP87875		
ICSA Standard			
CRI Standard	MP87877		
LCS Standard			
Chk Standard	MP87874,MP87876,MP87878,MP87864		

19	Q3532-04MSD	TP-1MSD	MSD	11/06/25 14:04		mohan	OK
20	Q3532-08	TP-2	SAM	11/06/25 14:06		mohan	OK
21	CCV35	CCV35	CCV	11/06/25 14:09		mohan	OK
22	CCB35	CCB35	CCB	11/06/25 14:11		mohan	OK
23	Q3536-02	FILTER-COMP	SAM	11/06/25 14:13		mohan	OK
24	Q3537-02	MW-17-SOIL	SAM	11/06/25 14:16		mohan	OK
25	Q3544-04	ONYX-1	SAM	11/06/25 14:18		mohan	OK
26	Q3546-10	TP-COMP	SAM	11/06/25 14:20		mohan	OK
27	Q3549-02	RT4922	SAM	11/06/25 14:22		mohan	OK
28	PB170409BL	PB170409BL	MB	11/06/25 14:25		mohan	OK
29	PB170409BS	PB170409BS	LCS	11/06/25 14:27		mohan	OK
30	Q3534-10	EB-1	SAM	11/06/25 14:29		mohan	OK
31	Q3552-01	MW-4	SAM	11/06/25 14:32		mohan	OK
32	Q3552-01DUP	MW-4DUP	DUP	11/06/25 14:34		mohan	OK
33	CCV36	CCV36	CCV	11/06/25 14:36		mohan	OK
34	CCB36	CCB36	CCB	11/06/25 14:38		mohan	OK
35	Q3552-01MS	MW-4MS	MS	11/06/25 14:41		mohan	OK
36	Q3552-01MSD	MW-4MSD	MSD	11/06/25 14:46		mohan	OK
37	Q3552-02	MW-8	SAM	11/06/25 14:48		mohan	OK
38	Q3552-03	MW-9	SAM	11/06/25 14:50		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872		
ICV Standard	MP87873		
CCV Standard	MP87875		
ICSA Standard			
CRI Standard	MP87877		
LCS Standard			
Chk Standard	MP87874,MP87876,MP87878,MP87864		

39	Q3552-04	MW-10	SAM	11/06/25 14:53		mohan	OK
40	Q3552-05	MW-3	SAM	11/06/25 14:55		mohan	OK
41	CCV37	CCV37	CCV	11/06/25 14:57		mohan	OK
42	CCB37	CCB37	CCB	11/06/25 14:59		mohan	OK
43	PB170394TB	PB170394TB	MB	11/06/25 15:02		mohan	OK
44	Q3532-04L	TP-1L	SD	11/06/25 15:04		mohan	OK
45	Q3532-04A	TP-1A	PS	11/06/25 15:06		mohan	OK
46	Q3552-01L	MW-4L	SD	11/06/25 15:09		mohan	OK
47	Q3552-01A	MW-4A	PS	11/06/25 15:11		mohan	OK
48	CCV38	CCV38	CCV	11/06/25 15:13		mohan	OK
49	CCB38	CCB38	CCB	11/06/25 15:15		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 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	11/07/25 12:54		Jaswal	OK
2	S1	S1	CAL2	11/07/25 12:58		Jaswal	OK
3	S2	S2	CAL3	11/07/25 13:03		Jaswal	OK
4	S3	S3	CAL4	11/07/25 13:07		Jaswal	OK
5	S4	S4	CAL5	11/07/25 13:11		Jaswal	OK
6	S5	S5	CAL6	11/07/25 13:15		Jaswal	OK
7	ICV01	ICV01	ICV	11/07/25 13:19		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/07/25 13:36		Jaswal	OK
9	ICB01	ICB01	ICB	11/07/25 13:42		Jaswal	OK
10	CRI01	CRI01	CRDL	11/07/25 13:46		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/07/25 13:51		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/07/25 13:55		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/07/25 13:59		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/07/25 14:03		Jaswal	OK
15	CCV01	CCV01	CCV	11/07/25 14:12		Jaswal	OK
16	CCB01	CCB01	CCB	11/07/25 14:17		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/07/25 14:21		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/07/25 14:26		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 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	LR-3	LR-3	HIGH STD	11/07/25 14:30		Jaswal	OK
20	Q3536-03DL	2061DL	SAM	11/07/25 14:35	5X For Fe, Ag	Jaswal	Confirms
21	PB170394TB	PB170394TB	MB	11/07/25 14:39		Jaswal	OK
22	PB170412BL	PB170412BL	MB	11/07/25 14:43		Jaswal	OK
23	PB170412BS	PB170412BS	LCS	11/07/25 14:47		Jaswal	OK
24	PB170411BL	PB170411BL	MB	11/07/25 14:52		Jaswal	OK
25	PB170411BS	PB170411BS	LCS	11/07/25 14:56		Jaswal	OK
26	Q3534-10	EB-1	SAM	11/07/25 15:00		Jaswal	OK
27	CCV02	CCV02	CCV	11/07/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	11/07/25 15:14		Jaswal	OK
29	Q3552-01	MW-4	SAM	11/07/25 15:20		Jaswal	OK
30	Q3552-02	MW-8	SAM	11/07/25 15:25	Mn,Na is high, Need dilution	Jaswal	Dilution
31	Q3552-03	MW-9	SAM	11/07/25 15:29		Jaswal	OK
32	Q3552-04	MW-10	SAM	11/07/25 15:33	Na high	Jaswal	Dilution
33	Q3552-04DUP	MW-10DUP	DUP	11/07/25 15:38	Na high	Jaswal	Dilution
34	Q3552-04L	MW-10L	SD	11/07/25 15:42		Jaswal	OK
35	Q3552-04MS	MW-10MS	MS	11/07/25 15:46	Na high	Jaswal	Dilution
36	Q3552-04MSD	MW-10MSD	MSD	11/07/25 15:51	Na high	Jaswal	Dilution
37	Q3552-04A	MW-10A	PS	11/07/25 15:55	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 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	Q3552-05	MW-3	SAM	11/07/25 15:59		Jaswal	OK
39	CCV03	CCV03	CCV	11/07/25 16:03		Jaswal	OK
40	CCB03	CCB03	CCB	11/07/25 16:07		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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		

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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		

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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		

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MSD	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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		

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 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		

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	OK
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Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	11/11/25 11:47		Jaswal	OK
2	S1	S1	CAL2	11/11/25 11:52		Jaswal	OK
3	S2	S2	CAL3	11/11/25 11:56		Jaswal	OK
4	S3	S3	CAL4	11/11/25 12:00		Jaswal	OK
5	S4	S4	CAL5	11/11/25 12:04		Jaswal	OK
6	S5	S5	CAL6	11/11/25 12:08		Jaswal	OK
7	ICV01	ICV01	ICV	11/11/25 12:33		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/11/25 13:01		Jaswal	OK
9	ICB01	ICB01	ICB	11/11/25 13:05		Jaswal	OK
10	CRI01	CRI01	CRDL	11/11/25 13:19		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/11/25 13:23		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/11/25 13:27		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/11/25 13:31		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/11/25 13:42		Jaswal	OK
15	CCV01	CCV01	CCV	11/11/25 13:47		Jaswal	OK
16	CCB01	CCB01	CCB	11/11/25 13:51		Jaswal	OK
17	PB170480BL	PB170480BL	MB	11/11/25 13:58		Jaswal	OK
18	PB170480BS	PB170480BS	LCS	11/11/25 14:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	Q3592-01	11625	SAM	11/11/25 14:07		Jaswal	OK
20	Q3597-01	TP-1	SAM	11/11/25 14:12		Jaswal	OK
21	Q3597-04	TP-2	SAM	11/11/25 14:16		Jaswal	OK
22	Q3597-07	TP-3	SAM	11/11/25 14:20		Jaswal	OK
23	Q3597-10	TP-4	SAM	11/11/25 14:24		Jaswal	OK
24	Q3598-01	EO-CONCRETE	SAM	11/11/25 14:28		Jaswal	OK
25	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 14:32	Ca High	Jaswal	Dilution
26	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 14:36		Jaswal	OK
27	CCV02	CCV02	CCV	11/11/25 14:40		Jaswal	OK
28	CCB02	CCB02	CCB	11/11/25 14:44		Jaswal	OK
29	Q3601-01	TP-1	SAM	11/11/25 14:49		Jaswal	OK
30	Q3601-05	TP-2	SAM	11/11/25 14:53		Jaswal	OK
31	Q3601-09	TP-3	SAM	11/11/25 14:57		Jaswal	OK
32	Q3601-13	TP-4	SAM	11/11/25 15:01		Jaswal	OK
33	Q3601-17	TP-5	SAM	11/11/25 15:05		Jaswal	OK
34	Q3601-17DUP	TP-5DUP	DUP	11/11/25 15:09		Jaswal	OK
35	Q3601-17L	TP-5L	SD	11/11/25 15:13		Jaswal	OK
36	Q3601-17MS	TP-5MS	MS	11/11/25 15:17		Jaswal	OK
37	Q3601-17MSD	TP-5MSD	MSD	11/11/25 15:21		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	Q3601-17A	TP-5A	PS	11/11/25 15:25	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
39	CCV03	CCV03	CCV	11/11/25 15:29		Jaswal	OK
40	CCB03	CCB03	CCB	11/11/25 15:33		Jaswal	OK
41	Q3552-02DL	MW-8DL	SAM	11/11/25 15:37	10x for Mn,Na	Jaswal	Confirms
42	Q3599-01DL	LIVINGSTON-SOILDL	SAM	11/11/25 15:41	10x for Ca	Jaswal	Confirms
43	PB170488BL	PB170488BL	MB	11/11/25 16:05		Jaswal	OK
44	PB170488BS	PB170488BS	LCS	11/11/25 16:09		Jaswal	OK
45	PB170462TB	PB170462TB	MB	11/11/25 16:13		Jaswal	OK
46	Q3496-06	DRILL-CUTTINGS	SAM	11/11/25 16:18		Jaswal	OK
47	Q3577-04	WC-1A	SAM	11/11/25 16:22		Jaswal	OK
48	Q3581-02	VNJ-238	SAM	11/11/25 16:26		Jaswal	OK
49	Q3581-04	VNJ-245	SAM	11/11/25 16:30		Jaswal	OK
50	Q3581-06	VNJ-240	SAM	11/11/25 16:35		Jaswal	OK
51	CCV04	CCV04	CCV	11/11/25 16:39		Jaswal	OK
52	CCB04	CCB04	CCB	11/11/25 16:43		Jaswal	OK
53	Q3581-08	RBR200059	SAM	11/11/25 16:47		Jaswal	OK
54	Q3590-01	MOO-25-0314-0316-C	SAM	11/11/25 16:51		Jaswal	OK
55	Q3590-03	MOO-25-0317-0318-C	SAM	11/11/25 16:56		Jaswal	OK
56	Q3590-05	MOO-25-0319	SAM	11/11/25 17:00		Jaswal	OK
57	Q3593-04	A-LAW-25-0167-0175	SAM	11/11/25 17:04		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	Q3593-06	B-LAW-25-0167-0175	SAM	11/11/25 17:08		Jaswal	OK
59	Q3593-08	C-LAW-25-0156-0166	SAM	11/11/25 17:13		Jaswal	OK
60	Q3593-10	D-LAW-25-0156-0166	SAM	11/11/25 17:17		Jaswal	OK
61	Q3598-02	EO-CONCRETE	SAM	11/11/25 17:21		Jaswal	OK
62	Q3599-02	LIVINGSTON-SOIL	SAM	11/11/25 17:25		Jaswal	OK
63	CCV05	CCV05	CCV	11/11/25 17:30		Jaswal	OK
64	CCB05	CCB05	CCB	11/11/25 17:34		Jaswal	OK
65	Q3601-04	TP-1	SAM	11/11/25 17:38		Jaswal	OK
66	Q3601-08	TP-2	SAM	11/11/25 17:42		Jaswal	OK
67	Q3601-12	TP-3	SAM	11/11/25 17:46		Jaswal	OK
68	Q3601-16	TP-4	SAM	11/11/25 17:51		Jaswal	OK
69	Q3601-20	TP-5	SAM	11/11/25 17:55		Jaswal	OK
70	Q3601-20DUP	TP-5DUP	DUP	11/11/25 17:59		Jaswal	OK
71	Q3601-20L	TP-5L	SD	11/11/25 18:03		Jaswal	OK
72	Q3601-20MS	TP-5MS	MS	11/11/25 18:08		Jaswal	OK
73	Q3601-20MSD	TP-5MSD	MSD	11/11/25 18:12		Jaswal	OK
74	Q3601-20A	TP-5A	PS	11/11/25 18:16	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
75	CCV06	CCV06	CCV	11/11/25 18:20		Jaswal	OK
76	CCB06	CCB06	CCB	11/11/25 18:24		Jaswal	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
 COMPANY: Remington Vernick Engineers
 ADDRESS: 2059 Springdale Road
 CITY: Cherry Hill STATE: NJ ZIP: 08003
 ATTENTION: Kyle Carison @ NE.com
 PHONE: 609-682-3049 FAX:

PROJECT NAME: Edison Landfill
 PROJECT NO.: 1205T007 LOCATION: Edison NJ
 PROJECT MANAGER: Leslie Hartzell
 e-mail: Leslie.Hartzell@NE.com
 PHONE: 610-663-4665 FAX:

BILL TO: APink@ONE.com PO#: 1205T007
 ADDRESS: 2059 Springdale Road
 CITY: Cherry Hill STATE: NJ ZIP: 08003
 ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
 HARDCOPY (DATA PACKAGE): STAT _____ 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: NJ HAT

TEL: 610-663-4665
 2. VOCs
 3. TML, Metals, Mercury
 4. Cyanide
 5. COD
 6. TKN
 7. Oil & Grease
 8. Hexachrome
 9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES								COMMENTS
			COMP	GRAB	DATE	TIME		E	A	B	D	C	C	C	F	
1.	MW-4	GW		P	11/4/25	13:40	15	7	2	1	1	1	1	1	1	
2.	MW-8	GW		P	11/4/25	13:45	15	7	2	1	1	1	1	1	1	
3.	MW-9	GW		P	11/4/25	16:00	15	7	2	1	1	1	1	1	1	
4.	MW-10	GW		P	11/5/25	12:00	15	7	2	1	1	1	1	1	1	
5.	MW-3	GW		P	11/4/25	16:15	15	7	2	1	1	1	1	1	1	
6.	TB-1	GW		P	11/5/25	8:00	2	2	2	1 1 1 1 1 1						trip blank
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER: 1. Anna Nayer	DATE/TIME: 11/5/25 (13:30)	RECEIVED BY: JT	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.8 + 0 = 3.8</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3. JT	DATE/TIME: 11/5/25	RECEIVED BY:	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 : Q3552	REMI02	Order Date : 11/5/2025 2:23:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/5/2025 12:00:00 AM 2:45 PM	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order :	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3552-01	MW-4	Water	11/04/2025	13:40	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-02	MW-8	Water	11/04/2025	13:45	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-03	MW-9	Water	11/04/2025	16:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-04	MW-10	Water	11/05/2025	12:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-05	MW-3	Water	11/04/2025	16:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-06	TB	Water	11/05/2025	08:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3552	REMI02	Order Date : 11/5/2025 2:23:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/5/2025 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 2:45 PM	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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*Stored in VOA
FRZ #04*

Relinquished By : *al*
Date / Time : 11/5/25 15/5

Received By : *Wm Dada*
Date / Time : 11/5/25 15:20

Storage Area : VOA Refridgerator Room