

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:	Q3649	OrderDate:	11/14/2025 3:02:13 PM
Client:	HDR, Inc.	Project:	PVWC Linear Construction
Contact:	Andrew Wadden	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3649-01	B5-0.0-0.5-20251114	SOIL			11/14/25			11/14/25
			Mercury	7471B		11/17/25	11/18/25	
			Metals ICP-TAL	6010D		11/17/25	11/17/25	
Q3649-03	DUPE-0.0-0.5-20251114	SOIL			11/14/25			11/14/25
			Mercury	7471B		11/17/25	11/18/25	
			Metals ICP-TAL	6010D		11/17/25	11/17/25	
Q3649-06	B4-0.0-0.5-20251114	SOIL			11/14/25			11/14/25
			Mercury	7471B		11/17/25	11/18/25	
			Metals ICP-TAL	6010D		11/17/25	11/17/25	
Q3649-07	B4-0.0-0.5-20251114	TCLP			11/14/25			11/14/25
			TCLP ICP Metals	6010D		11/17/25	11/17/25	
			TCLP Mercury	7470A		11/17/25	11/17/25	
Q3649-08	B3-0.0-0.5-20251114	SOIL			11/14/25			11/14/25
			Mercury	7471B		11/17/25	11/18/25	
			Metals ICP-TAL	6010D		11/17/25	11/17/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3649

Order ID: Q3649

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B4-0.0-0.5-20251114								
Q3649-07	B4-0.0-0.5-20251114	TCLP	Barium	1070		72.8	500	ug/L
Q3649-07	B4-0.0-0.5-20251114	TCLP	Chromium	43.9	J	10.6	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B4-0.0-0.5-20251114
Lab Sample ID: Q3649-07
Level (low/med): low

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3649
Matrix: TCLP
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7440-39-3	Barium	1070		1	72.8	500	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7440-47-3	Chromium	43.9	J	1	10.6	50.0	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	11/17/25 10:35	11/17/25 15:55	7470A	M7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	11/17/25 12:30	11/17/25 18:50	6010D	M3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	11/17/25 12:30	11/17/25 18:50	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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
ICV118	Mercury	3.95	4.0	99	90 - 110	CV	11/17/2025	15:17	LB137920

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
CCV04	Mercury	5.02	5.0	100	90 - 110	CV	11/17/2025	15:21	LB137920
CCV05	Mercury	4.99	5.0	100	90 - 110	CV	11/17/2025	15:49	LB137920
CCV06	Mercury	4.98	5.0	100	90 - 110	CV	11/17/2025	16:11	LB137920

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	3890	4000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Barium	7960	8000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Cadmium	1940	2000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Chromium	814	800	102	90 - 110	P	11/17/2025	13:23	LB137929
	Lead	3830	4000	96	90 - 110	P	11/17/2025	13:23	LB137929
	Selenium	3930	4000	98	90 - 110	P	11/17/2025	13:23	LB137929
	Silver	957	1000	96	90 - 110	P	11/17/2025	13:23	LB137929

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	13:57	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Selenium	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Silver	1260	1250	101	90 - 110	P	11/17/2025	13:57	LB137929
CCV02	Arsenic	5120	5000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	14:47	LB137929
	Cadmium	2540	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Lead	5080	5000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Selenium	5170	5000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Silver	1280	1250	102	90 - 110	P	11/17/2025	14:47	LB137929
CCV03	Arsenic	4790	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Barium	9720	10000	97	90 - 110	P	11/17/2025	15:44	LB137929
	Cadmium	2370	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
	Chromium	948	1000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Lead	4750	5000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Selenium	4800	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Silver	1190	1250	95	90 - 110	P	11/17/2025	15:44	LB137929
CCV04	Arsenic	5130	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Barium	10000	10000	100	90 - 110	P	11/17/2025	16:34	LB137929
	Cadmium	2510	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Chromium	1020	1000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Lead	5030	5000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Selenium	5160	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Silver	1280	1250	103	90 - 110	P	11/17/2025	16:34	LB137929
CCV05	Arsenic	5130	5000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Barium	9840	10000	98	90 - 110	P	11/17/2025	17:24	LB137929
	Cadmium	2530	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	17:24	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Selenium	5110	5000	102	90 - 110	P	11/17/2025	17:24	LB137929

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Silver	1260	1250	101	90 - 110	P	11/17/2025	17:24	LB137929
CCV06	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Barium	9690	10000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Cadmium	2450	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Chromium	1000	1000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Lead	4890	5000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Selenium	5020	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	18:15	LB137929
CCV07	Arsenic	4980	5000	100	90 - 110	P	11/17/2025	19:07	LB137929
	Barium	9940	10000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Cadmium	2410	2500	96	90 - 110	P	11/17/2025	19:07	LB137929
	Chromium	987	1000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Lead	4790	5000	96	90 - 110	P	11/17/2025	19:07	LB137929
	Selenium	4970	5000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:07	LB137929
CCV08	Arsenic	5170	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Barium	10200	10000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	19:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Lead	4990	5000	100	90 - 110	P	11/17/2025	19:24	LB137929
	Selenium	5180	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Silver	1290	1250	103	90 - 110	P	11/17/2025	19:24	LB137929
CCV09	Arsenic	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Barium	9950	10000	100	90 - 110	P	11/17/2025	19:47	LB137929
	Cadmium	2430	2500	97	90 - 110	P	11/17/2025	19:47	LB137929
	Chromium	990	1000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Lead	4900	5000	98	90 - 110	P	11/17/2025	19:47	LB137929
	Selenium	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:47	LB137929

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
LLCCV	Arsenic	20.5	20.0	103	80 - 120	P	11/17/2025	19:57	LB137929
	Barium	102	100	102	80 - 120	P	11/17/2025	19:57	LB137929
	Cadmium	6.08	6.0	101	80 - 120	P	11/17/2025	19:57	LB137929
	Chromium	10.4	10.0	104	80 - 120	P	11/17/2025	19:57	LB137929
	Lead	14.3	12.0	119	80 - 120	P	11/17/2025	19:57	LB137929
	Selenium	19.2	20.0	96	80 - 120	P	11/17/2025	19:57	LB137929
	Silver	11.9	10.0	119	80 - 120	P	11/17/2025	19:57	LB137929

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	3890	4000	97	90 - 110	P	11/20/2025	13:12	LB137997
	Barium	7800	8000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Cadmium	1930	2000	96	90 - 110	P	11/20/2025	13:12	LB137997
	Chromium	807	800	101	90 - 110	P	11/20/2025	13:12	LB137997
	Lead	3840	4000	96	90 - 110	P	11/20/2025	13:12	LB137997
	Selenium	3910	4000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Silver	1050	1000	105	90 - 110	P	11/20/2025	13:12	LB137997

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	20.1	20.0	100	80 - 120	P	11/20/2025	13:17	LB137997
	Barium	102	100	102	80 - 120	P	11/20/2025	13:17	LB137997
	Cadmium	5.90	6.0	98	80 - 120	P	11/20/2025	13:17	LB137997
	Chromium	10.0	10.0	100	80 - 120	P	11/20/2025	13:17	LB137997
	Lead	11.0	12.0	92	80 - 120	P	11/20/2025	13:17	LB137997
	Selenium	17.1	20.0	86	80 - 120	P	11/20/2025	13:17	LB137997
	Silver	10.3	10.0	103	80 - 120	P	11/20/2025	13:17	LB137997

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	4730	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Barium	9580	10000	96	90 - 110	P	11/20/2025	13:56	LB137997
	Cadmium	2340	2500	94	90 - 110	P	11/20/2025	13:56	LB137997
	Chromium	954	1000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Lead	4710	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Selenium	4710	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Silver	1190	1250	95	90 - 110	P	11/20/2025	13:56	LB137997
CCV02	Arsenic	5290	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Barium	10300	10000	103	90 - 110	P	11/20/2025	15:42	LB137997
	Cadmium	2570	2500	103	90 - 110	P	11/20/2025	15:42	LB137997
	Chromium	1080	1000	108	90 - 110	P	11/20/2025	15:42	LB137997
	Lead	5180	5000	104	90 - 110	P	11/20/2025	15:42	LB137997
	Selenium	5320	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Silver	1340	1250	108	90 - 110	P	11/20/2025	15:42	LB137997



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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	Arsenic	20.5	20.0	102	65 - 135	P	11/17/2025	13:35	LB137929
	Barium	104	100	104	65 - 135	P	11/17/2025	13:35	LB137929
	Cadmium	6.08	6.0	101	65 - 135	P	11/17/2025	13:35	LB137929
	Chromium	10.4	10.0	104	65 - 135	P	11/17/2025	13:35	LB137929
	Lead	12.4	12.0	103	65 - 135	P	11/17/2025	13:35	LB137929
	Selenium	22.9	20.0	115	65 - 135	P	11/17/2025	13:35	LB137929
	Silver	10.6	10.0	106	65 - 135	P	11/17/2025	13:35	LB137929
CRA	Mercury	0.16	0.2	82	70 - 130	CV	11/17/2025	15:26	LB137920
CRI01	Arsenic	20.8	20.0	104	65 - 135	P	11/20/2025	13:26	LB137997
	Barium	98.7	100	99	65 - 135	P	11/20/2025	13:26	LB137997
	Cadmium	5.95	6.0	99	65 - 135	P	11/20/2025	13:26	LB137997
	Chromium	10.1	10.0	101	65 - 135	P	11/20/2025	13:26	LB137997
	Lead	11.7	12.0	98	65 - 135	P	11/20/2025	13:26	LB137997
	Selenium	21.8	20.0	109	65 - 135	P	11/20/2025	13:26	LB137997
	Silver	11.0	10.0	110	65 - 135	P	11/20/2025	13:26	LB137997



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB118	Mercury	0.076	+/-0.2	U	0.20	CV	11/17/2025	15:19	LB137920

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Mercury	0.076	+/-0.2	U	0.20	CV	11/17/2025	15:23	LB137920
CCB05	Mercury	0.076	+/-0.2	U	0.20	CV	11/17/2025	15:51	LB137920
CCB06	Mercury	0.076	+/-0.2	U	0.20	CV	11/17/2025	16:14	LB137920

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	13:31	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	13:31	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	13:31	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	13:31	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	13:31	LB137929

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	14:01	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	14:01	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	14:01	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	14:01	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	14:01	LB137929
CCB02	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	14:51	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	14:51	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	14:51	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	14:51	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	14:51	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	14:51	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	14:51	LB137929
CCB03	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	15:48	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	15:48	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	15:48	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	15:48	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	15:48	LB137929
CCB04	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	16:38	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	16:38	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	16:38	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	16:38	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	16:38	LB137929
CCB05	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	17:28	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	17:28	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	17:28	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	17:28	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	17:28	LB137929
CCB06	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	18:19	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	18:19	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	18:19	LB137929

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	11/17/2025	18:19	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	18:19	LB137929
CCB07	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	19:11	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	19:11	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	19:11	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	19:11	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	19:11	LB137929
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	19:28	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	19:28	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	19:28	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	19:28	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	19:28	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	19:28	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	19:28	LB137929
CCB09	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	20:02	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	20:02	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	20:02	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	20:02	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	20:02	LB137929

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	13:21	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	13:21	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	13:21	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	13:21	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Silver	1.62	+/-5	U	10.0	P	11/20/2025	13:21	LB137997

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	14:01	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	14:01	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	14:01	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	14:01	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Silver	1.62	+/-5	U	10.0	P	11/20/2025	14:01	LB137997
CCB02	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	15:46	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	15:46	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	15:46	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	15:46	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	15:46	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	15:46	LB137997
	Silver	1.62	+/-5	U	10.0	P	11/20/2025	15:46	LB137997

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170544TB		WATER		Batch Number:	PB170585		Prep Date:	11/17/2025	
	Mercury	0.76	<2	U	2.00	CV	11/17/2025	16:04	LB137920
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170585BL		WATER		Batch Number:	PB170585		Prep Date:	11/17/2025	
	Mercury	0.076	<0.2	U	0.20	CV	11/17/2025	15:33	LB137920

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170544TB		WATER		Batch Number:	PB170583		Prep Date:	11/17/2025	
	Arsenic	25.6	<50	U	100	P	11/20/2025	14:05	LB137997
	Barium	72.8	<250	U	500	P	11/20/2025	14:05	LB137997
	Cadmium	2.50	<15	U	30.0	P	11/20/2025	14:05	LB137997
	Chromium	23.5	<25	J	50.0	P	11/20/2025	14:05	LB137997
	Lead	11.5	<30	U	60.0	P	11/20/2025	14:05	LB137997
	Selenium	48.2	<50	U	100	P	11/20/2025	14:05	LB137997
	Silver	8.10	<25	U	50.0	P	11/20/2025	14:05	LB137997
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170583BL		WATER		Batch Number:	PB170583		Prep Date:	11/17/2025	
	Arsenic	25.6	<50	U	100	P	11/17/2025	17:53	LB137929
	Barium	72.8	<250	U	500	P	11/17/2025	17:53	LB137929
	Cadmium	2.50	<15	U	30.0	P	11/17/2025	17:53	LB137929
	Chromium	10.6	<25	U	50.0	P	11/17/2025	17:53	LB137929
	Lead	11.5	<30	U	60.0	P	11/17/2025	17:53	LB137929
	Selenium	48.2	<50	U	100	P	11/17/2025	17:53	LB137929
	Silver	8.10	<25	U	50.0	P	11/17/2025	17:53	LB137929

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>HDR, Inc.</u>	SDG No.: <u>Q3649</u>
Contract: <u>HDRI08</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	Arsenic	11.0			-20	20	11/17/2025	13:40	LB137929
	Barium	6.13	6.0	102	-94	106	11/17/2025	13:40	LB137929
	Cadmium	5.85	1.0	585	-5	7	11/17/2025	13:40	LB137929
	Chromium	51.1	52.0	98	42	62	11/17/2025	13:40	LB137929
	Lead	9.64			-12	12	11/17/2025	13:40	LB137929
	Selenium	8.91			-20	20	11/17/2025	13:40	LB137929
	Silver	-3.73			-10	10	11/17/2025	13:40	LB137929
ICSAB01	Arsenic	116	104	112	88.4	120	11/17/2025	13:44	LB137929
	Barium	494	537	92	437	637	11/17/2025	13:44	LB137929
	Cadmium	994	972	102	826	1120	11/17/2025	13:44	LB137929
	Chromium	565	542	104	460	624	11/17/2025	13:44	LB137929
	Lead	58.0	49.0	118	37	61	11/17/2025	13:44	LB137929
	Selenium	58.2	46.0	126	26	66	11/17/2025	13:44	LB137929
	Silver	194	201	96	170	232	11/17/2025	13:44	LB137929
ICSA01	Arsenic	9.50			-20	20	11/20/2025	13:39	LB137997
	Barium	3.36	6.0	56	-94	106	11/20/2025	13:39	LB137997
	Cadmium	-1.55	1.0	155	-5	7	11/20/2025	13:39	LB137997
	Chromium	50.8	52.0	98	42	62	11/20/2025	13:39	LB137997
	Lead	-1.75			-12	12	11/20/2025	13:39	LB137997
	Selenium	-1.81			-20	20	11/20/2025	13:39	LB137997
	Silver	-7.55			-10	10	11/20/2025	13:39	LB137997
ICSAB01	Arsenic	112	104	108	88.4	120	11/20/2025	13:44	LB137997
	Barium	469	537	87	437	637	11/20/2025	13:44	LB137997
	Cadmium	990	972	102	826	1120	11/20/2025	13:44	LB137997
	Chromium	547	542	101	460	624	11/20/2025	13:44	LB137997
	Lead	48.7	49.0	99	37	61	11/20/2025	13:44	LB137997
	Selenium	54.7	46.0	119	26	66	11/20/2025	13:44	LB137997
	Silver	186	201	92	170	232	11/20/2025	13:44	LB137997



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>HDR, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3649</u>
contract: <u>HDRI08</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3649-07</u>	client id: <u>B4-0.0-0.5-20251114MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3649-07MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3990		100	U	4000	100		P
Barium	ug/L	75 - 125	2120		1070		1000	104		P
Cadmium	ug/L	75 - 125	948		30.0	U	1000	95		P
Chromium	ug/L	75 - 125	2170		43.9	J	2000	106		P
Lead	ug/L	75 - 125	4550		60.0	U	5000	91		P
Mercury	ug/L	75 - 125	38.3		2.00	U	40.0	96		CV
Selenium	ug/L	75 - 125	9750		100	U	10000	98		P
Silver	ug/L	75 - 125	374		50.0	U	380	98		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>HDR, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3649</u>
contract: <u>HDRI08</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3649-07</u>	client id: <u>B4-0.0-0.5-20251114MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3649-07MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3900		100	U	4000	98		P
Barium	ug/L	75 - 125	2230		1070		1000	115		P
Cadmium	ug/L	75 - 125	939		30.0	U	1000	94		P
Chromium	ug/L	75 - 125	2220		43.9	J	2000	109		P
Lead	ug/L	75 - 125	4500		60.0	U	5000	90		P
Mercury	ug/L	75 - 125	37.4		2.00	U	40.0	94		CV
Selenium	ug/L	75 - 125	9570		100	U	10000	96		P
Silver	ug/L	75 - 125	370		50.0	U	380	97		P

Metals

- 5b -

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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>HDR, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3649</u>
Contract:	<u>HDRI08</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3649-07</u>	Client ID:	<u>B4-0.0-0.5-20251114DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3649-07DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1070		1080		1		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	43.9	J	43.5	J	1		P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>HDR, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3649</u>
Contract:	<u>HDRI08</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3649-07MS</u>	Client ID:	<u>B4-0.0-0.5-20251114MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3649-07MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3990		3900		2		P
Barium	ug/L	20	2120		2230		5		P
Cadmium	ug/L	20	948		939		1		P
Chromium	ug/L	20	2170		2220		2		P
Lead	ug/L	20	4550		4500		1		P
Mercury	ug/L	20	38.3		37.4		2		CV
Selenium	ug/L	20	9750		9570		2		P
Silver	ug/L	20	374		370		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170583BS							
Arsenic	ug/L	4000	3900		98	80 - 120	P
Barium	ug/L	1000	1010		101	80 - 120	P
Cadmium	ug/L	1000	961		96	80 - 120	P
Chromium	ug/L	2000	2000		100	80 - 120	P
Lead	ug/L	5000	4680		94	80 - 120	P
Selenium	ug/L	10000	9790		98	80 - 120	P
Silver	ug/L	380	381		100	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170585BS Mercury	ug/L	4.0	3.76		94	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B4-0.0-0.5-20251114L

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **Lb No.:** lb137929 **Lab Sample ID :** Q3649-07L **SDG No.:** Q3649
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	1070		1050	J	2		P
Cadmium	30.0	U	150	U			P
Chromium	43.9	J	250	U	100.0		P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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: PB170583							
PB170544TB	PB170544TB	MB	WATER	11/17/2025	5.0	25.0	
PB170583BL	PB170583BL	MB	WATER	11/17/2025	5.0	25.0	
PB170583BS	PB170583BS	LCS	WATER	11/17/2025	5.0	25.0	
Q3649-07	B4-0.0-0.5-20251114	SAM	WATER	11/17/2025	5.0	25.0	
Q3649-07DUP	B4-0.0-0.5-20251114DUP	DUP	WATER	11/17/2025	5.0	25.0	
Q3649-07MS	B4-0.0-0.5-20251114MS	MS	WATER	11/17/2025	5.0	25.0	
Q3649-07MSD	B4-0.0-0.5-20251114MSD	MSD	WATER	11/17/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: HDR, Inc.

SDG No.: Q3649

Contract: HDRI08

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: PB170585							
PB170544TB	PB170544TB	MB	WATER	11/17/2025	3.0	30.0	
PB170585BL	PB170585BL	MB	WATER	11/17/2025	30.0	30.0	
PB170585BS	PB170585BS	LCS	WATER	11/17/2025	30.0	30.0	
Q3649-07	B4-0.0-0.5-20251114	SAM	WATER	11/17/2025	3.0	30.0	
Q3649-07DUP	B4-0.0-0.5-20251114DUP	DUP	WATER	11/17/2025	3.0	30.0	
Q3649-07MS	B4-0.0-0.5-20251114MS	MS	WATER	11/17/2025	3.0	30.0	
Q3649-07MSD	B4-0.0-0.5-20251114MSD	MSD	WATER	11/17/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: HDR, Inc.

Contract: HDRI08

Lab code: ACE

Sdg no.: Q3649

Instrument id number: _____

Method: _____

Run number: LB137920

Start date: 11/17/2025

End date: 11/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1441	HG
S0.2	S0.2	1	1446	HG
S2.5	S2.5	1	1449	HG
S5	S5	1	1451	HG
S7.5	S7.5	1	1453	HG
S10	S10	1	1511	HG
ICV118	ICV118	1	1517	HG
ICB118	ICB118	1	1519	HG
CCV04	CCV04	1	1521	HG
CCB04	CCB04	1	1523	HG
CRA	CRA	1	1526	HG
PB170585BL	PB170585BL	1	1533	HG
PB170585BS	PB170585BS	1	1535	HG
CCV05	CCV05	1	1549	HG
CCB05	CCB05	1	1551	HG
Q3649-07	B4-0.0-0.5-20251114	1	1555	HG
Q3649-07DUP	B4-0.0-0.5-20251114DUP	1	1558	HG
Q3649-07MS	B4-0.0-0.5-20251114MS	1	1600	HG
Q3649-07MSD	B4-0.0-0.5-20251114MSD	1	1602	HG
PB170544TB	PB170544TB	1	1604	HG
Q3649-07L	B4-0.0-0.5-20251114L	5	1607	HG
CCV06	CCV06	1	1611	HG
CCB06	CCB06	1	1614	HG

metals
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ANALYSIS RUN LOG

Client: HDR, Inc.

Contract: HDRI08

Lab code: ACE

Sdg no.: Q3649

Instrument id number: _____

Method: _____

Run number: LB137929

Start date: 11/17/2025

End date: 11/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1257	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1302	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1306	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1310	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1314	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1319	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1323	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1331	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1335	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1340	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1344	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1357	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1401	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1447	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1451	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1544	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1548	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1634	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1724	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1728	Ag,As,Ba,Cd,Cr,Pb,Se
PB170583BL	PB170583BL	1	1753	Ag,As,Ba,Cd,Cr,Pb,Se
PB170583BS	PB170583BS	1	1757	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1815	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1819	Ag,As,Ba,Cd,Cr,Pb,Se
Q3649-07	B4-0.0-0.5-20251114	1	1850	Ag,As,Ba,Cd,Cr,Pb,Se
Q3649-07DUP	B4-0.0-0.5-20251114DUP	1	1854	Ag,As,Ba,Cd,Cr,Pb,Se
Q3649-07L	B4-0.0-0.5-20251114L	5	1859	Ag,As,Ba,Cd,Cr,Pb,Se
Q3649-07MS	B4-0.0-0.5-20251114MS	1	1903	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1907	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1911	Ag,As,Ba,Cd,Cr,Pb,Se
Q3649-07MSD	B4-0.0-0.5-20251114MSD	1	1916	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1924	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1928	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1947	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV	LLCCV	1	1957	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	2002	Ag,As,Ba,Cd,Cr,Pb,Se

metals
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ANALYSIS RUN LOG

Client: HDR, Inc.

Contract: HDRI08

Lab code: ACE

Sdg no.: Q3649

Instrument id number: _____

Method: _____

Run number: LB137997

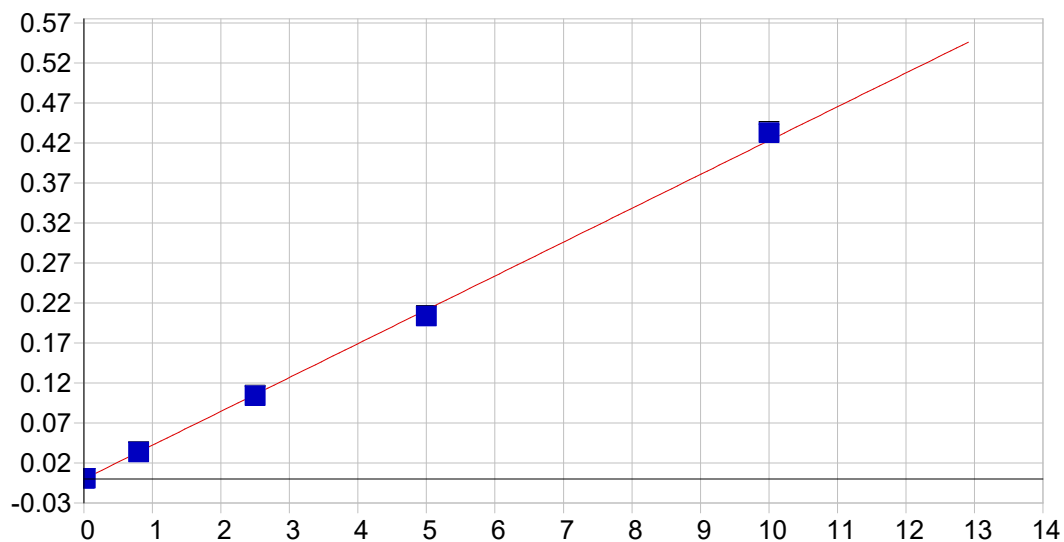
Start date: 11/20/2025

End date: 11/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1255	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1300	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1304	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1308	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1312	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1317	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1321	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1326	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1344	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1356	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1401	Ag,As,Ba,Cd,Cr,Pb,Se
PB170544TB	PB170544TB	1	1405	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1542	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1546	Ag,As,Ba,Cd,Cr,Pb,Se



METAL RAW DATA

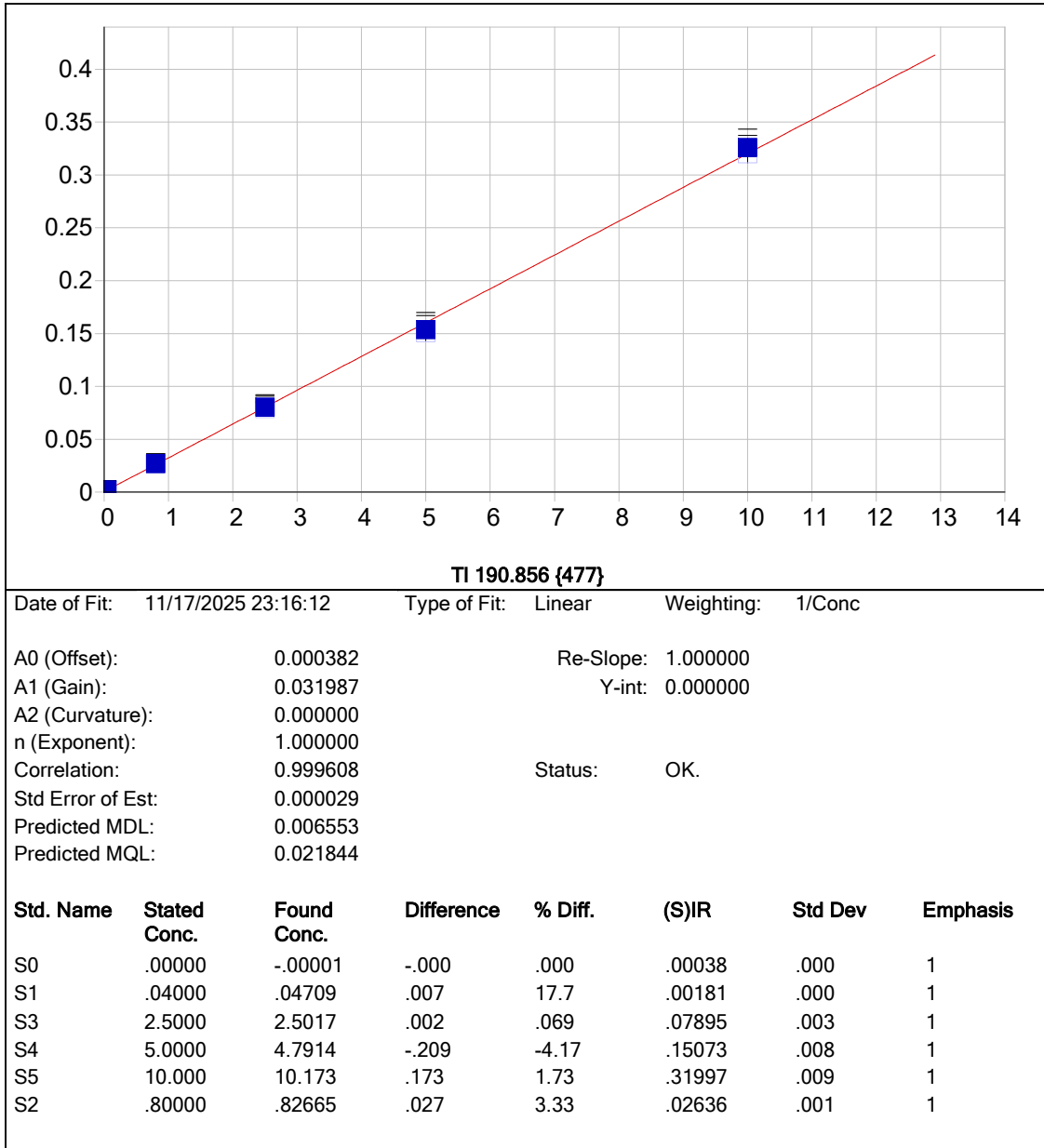


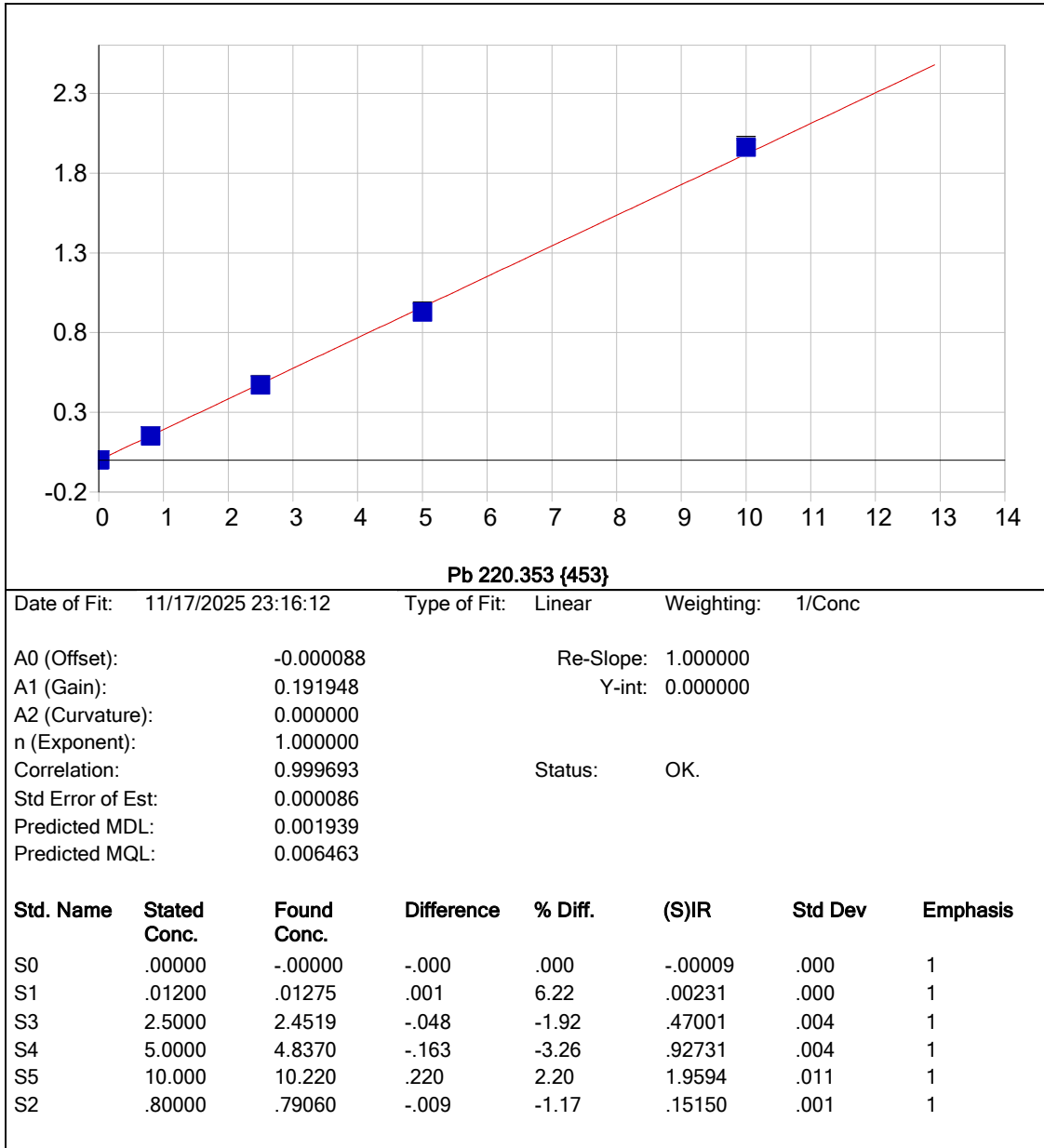
As 189.042 {479}

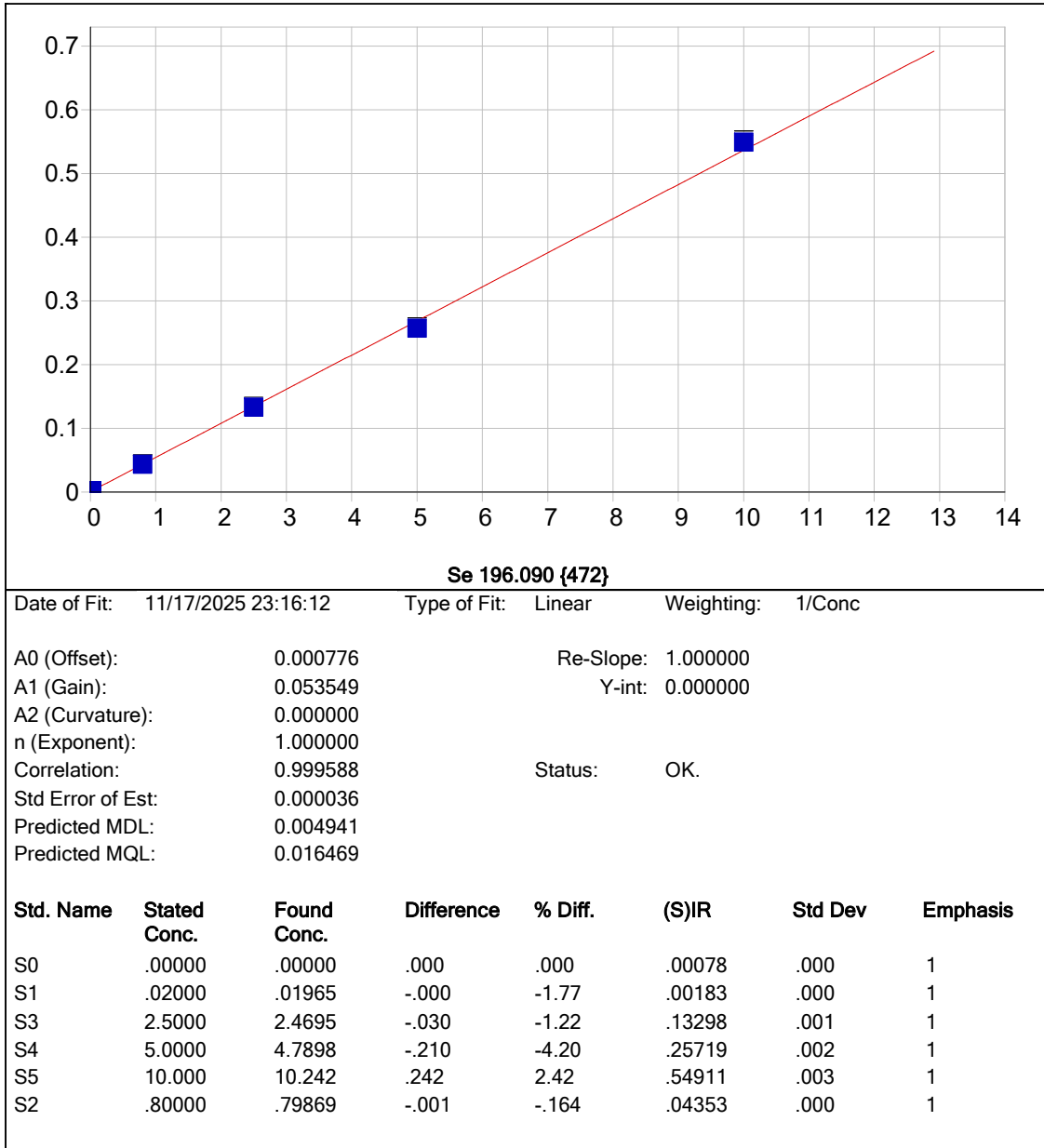
Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

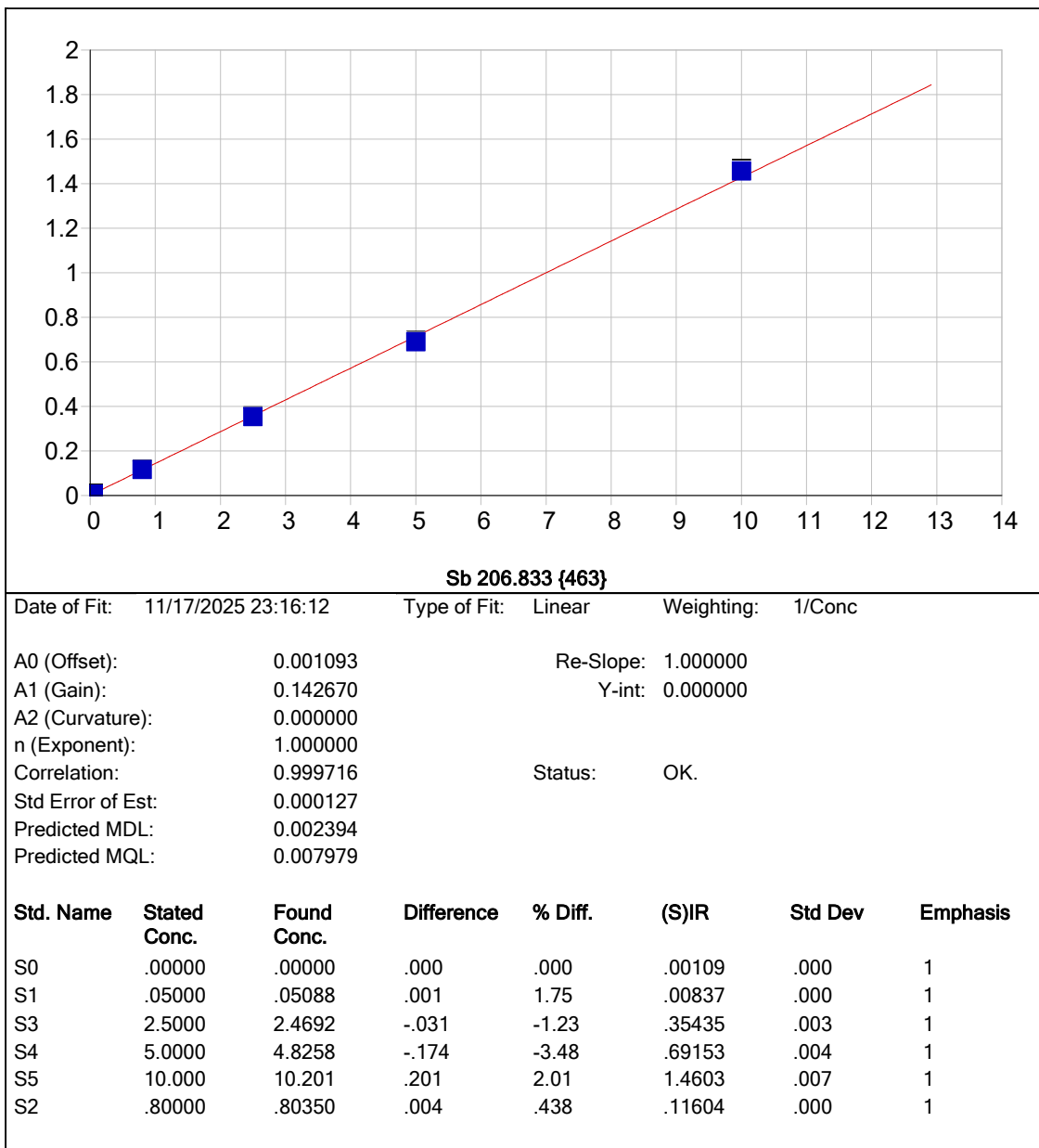
A0 (Offset): -0.000111 Re-Slope: 1.000000
A1 (Gain): 0.042291 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999645 Status: OK.
Std Error of Est: 0.000026
Predicted MDL: 0.004924
Predicted MQL: 0.016414

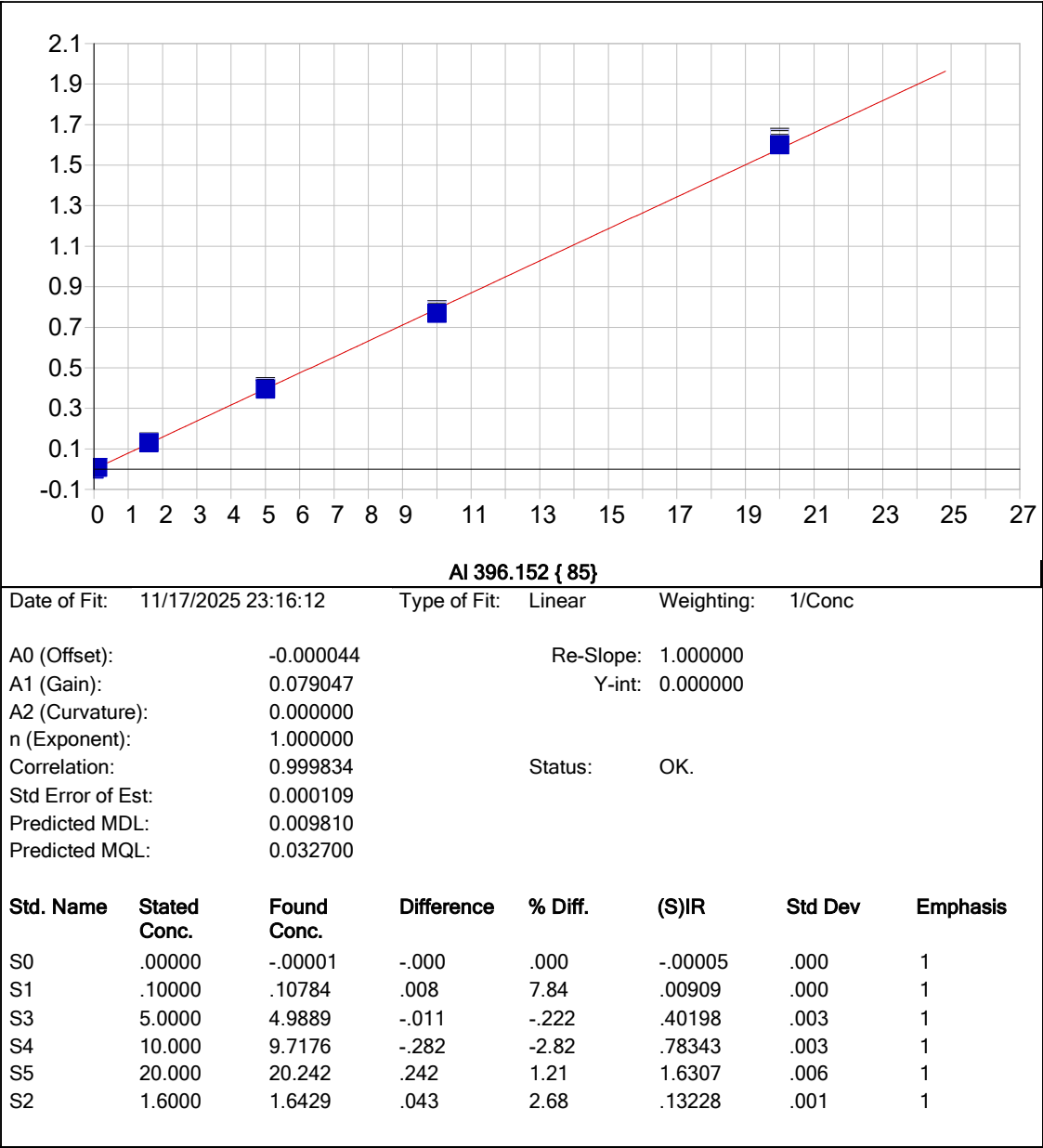
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.02000	.02078	.001	3.91	.00076	.000	1
S3	2.5000	2.4605	-.039	-1.58	.10384	.001	1
S4	5.0000	4.8123	-.188	-3.75	.20319	.001	1
S5	10.000	10.230	.230	2.30	.43208	.002	1
S2	.80000	.79660	-.003	-.424	.03354	.000	1

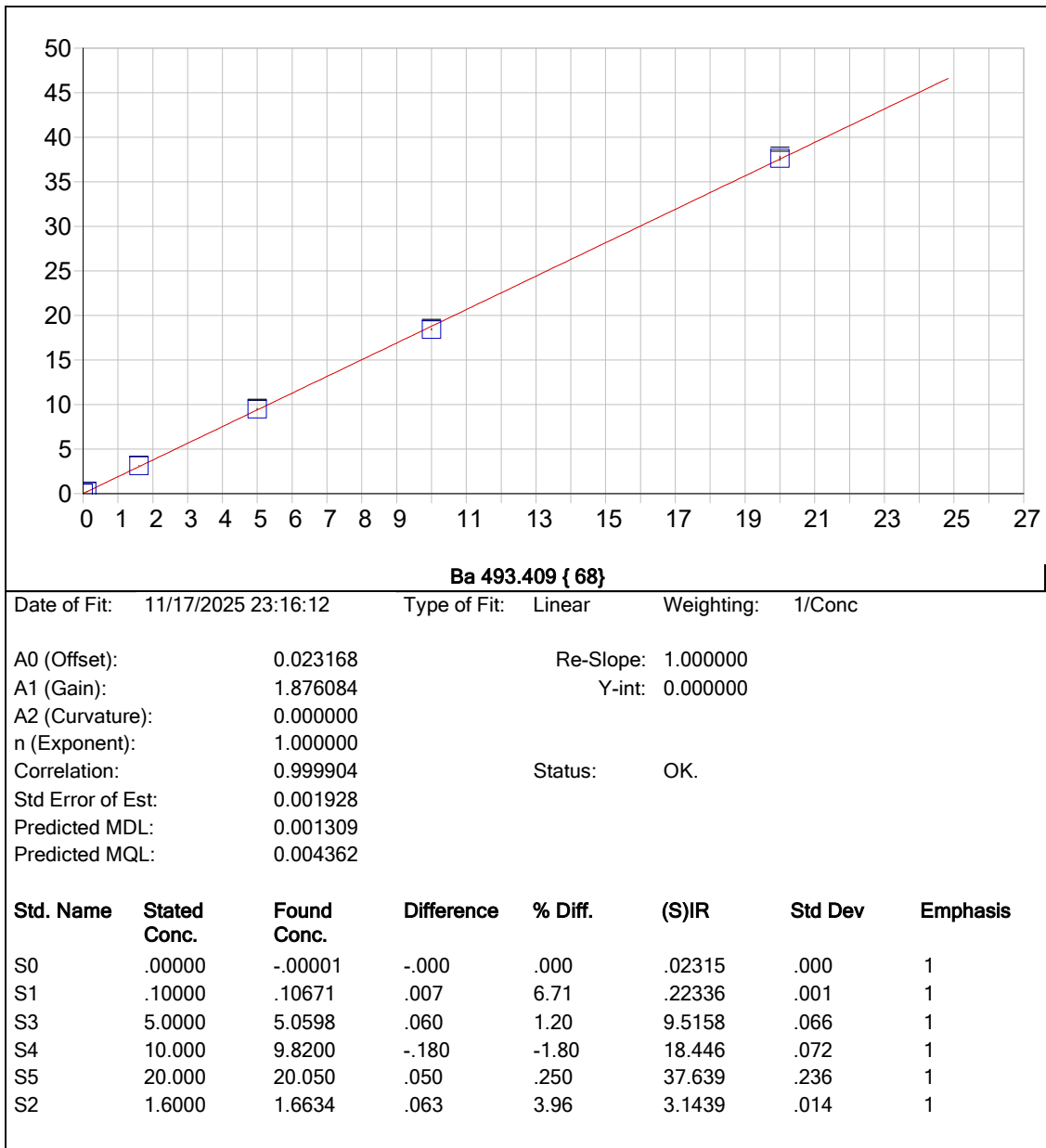


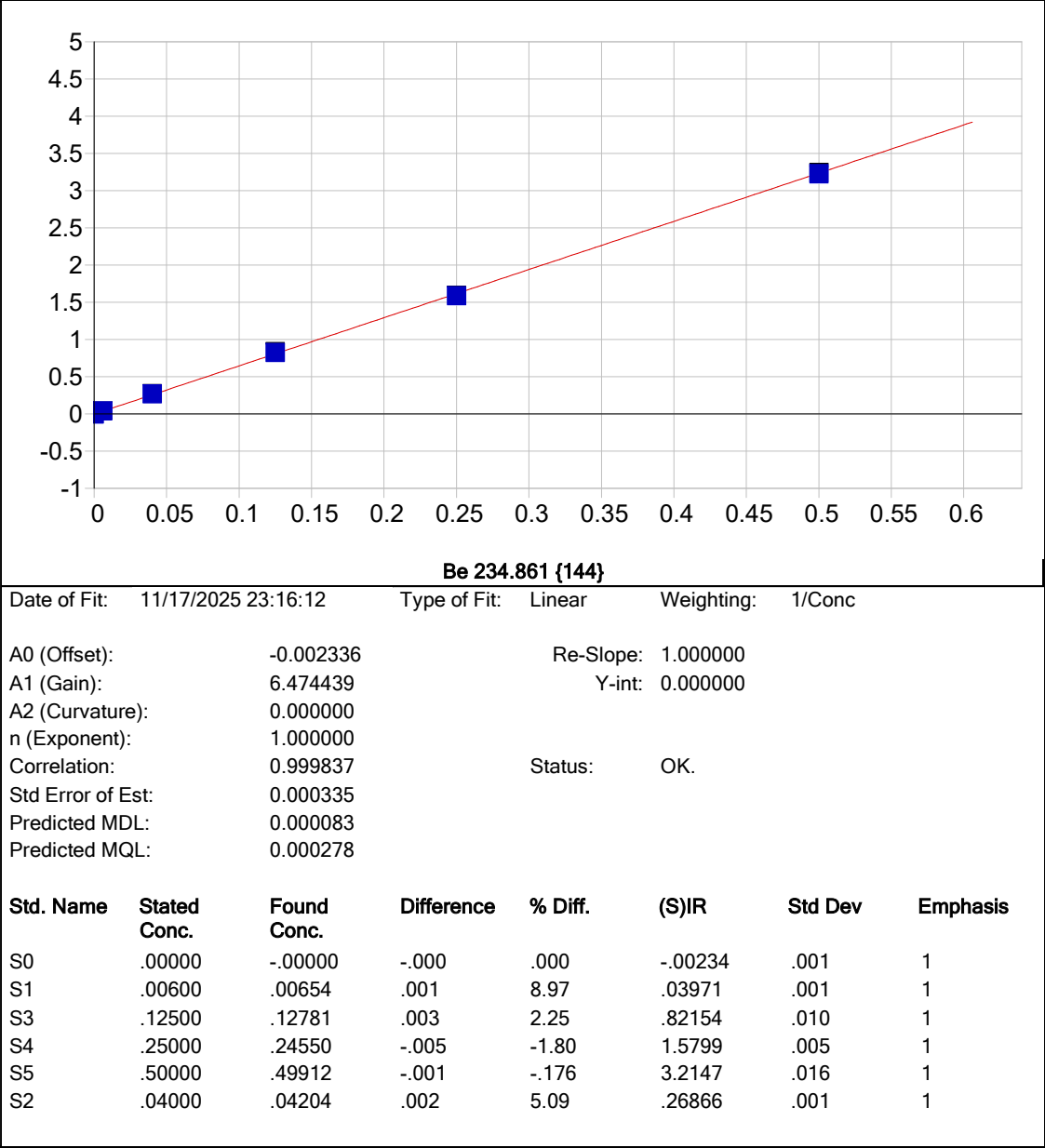


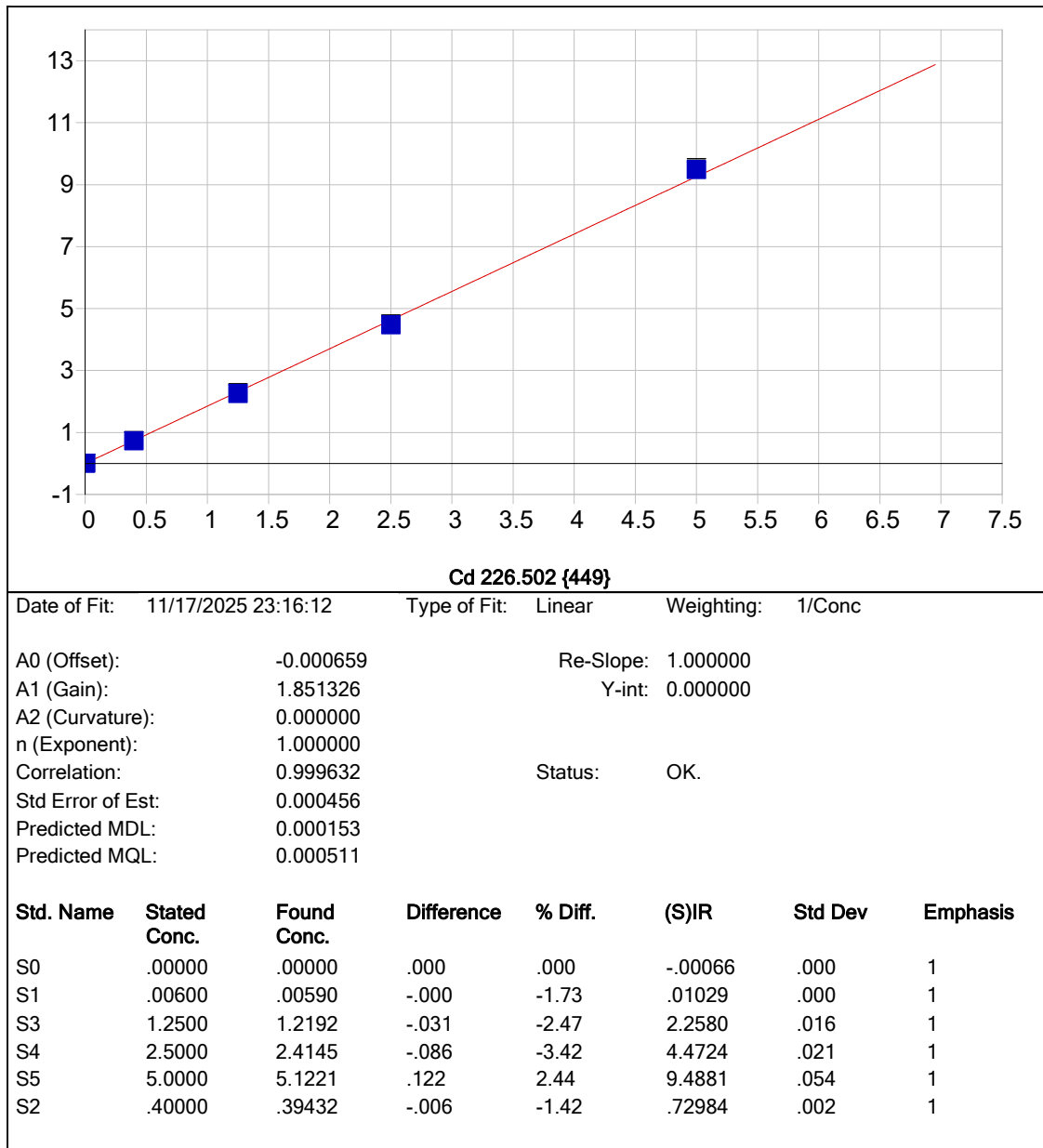


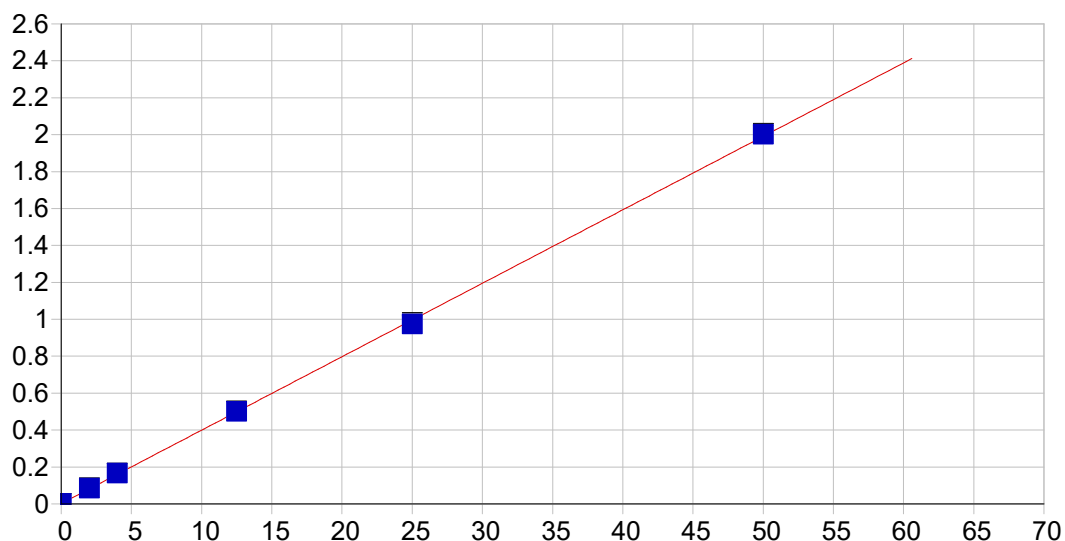










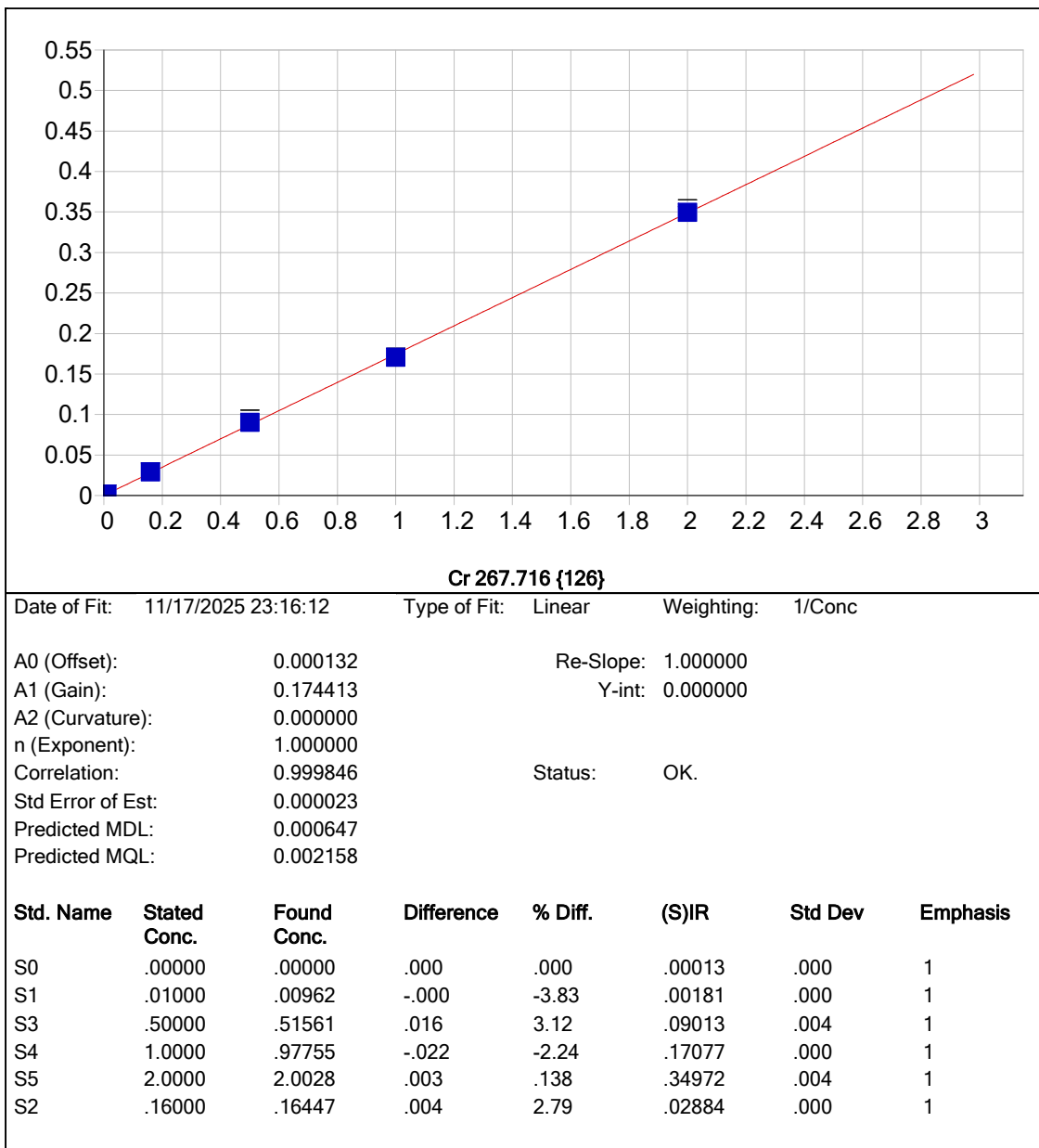


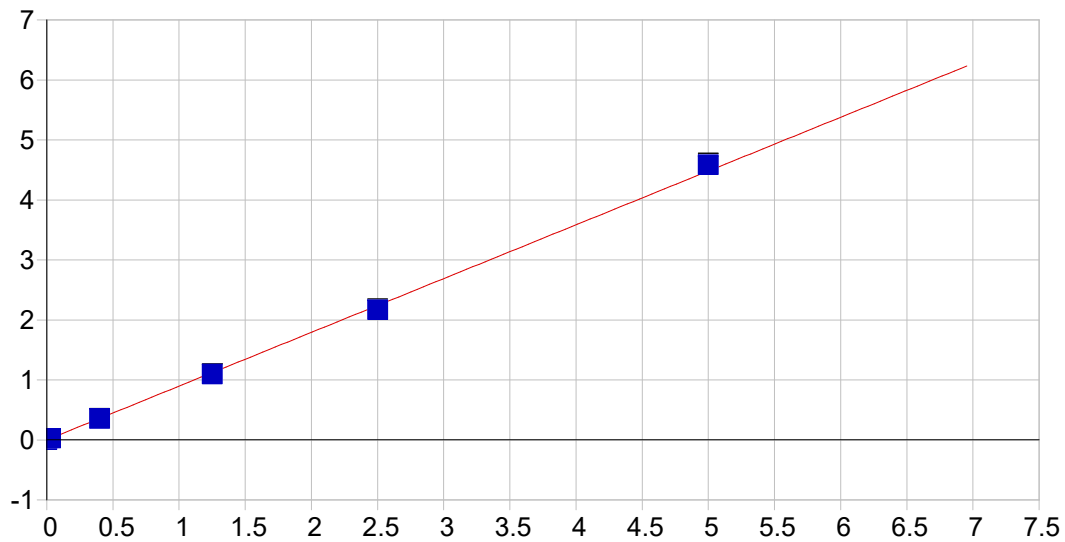
Ca 373.690 { 90}

Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001533 Re-Slope: 1.000000
A1 (Gain): 0.039785 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999879 Status: OK.
Std Error of Est: 0.000327
Predicted MDL: 0.017315
Predicted MQL: 0.057718

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.00153	.001	1
S2	4.0000	4.1253	.125	3.13	.16566	.001	1
S3	12.500	12.552	.052	.416	.50092	.002	1
S4	25.000	24.443	-.557	-2.23	.97399	.007	1
S5	50.000	50.287	.287	.574	2.0022	.006	1
S1	2.0000	2.0933	.093	4.66	.08481	.001	1



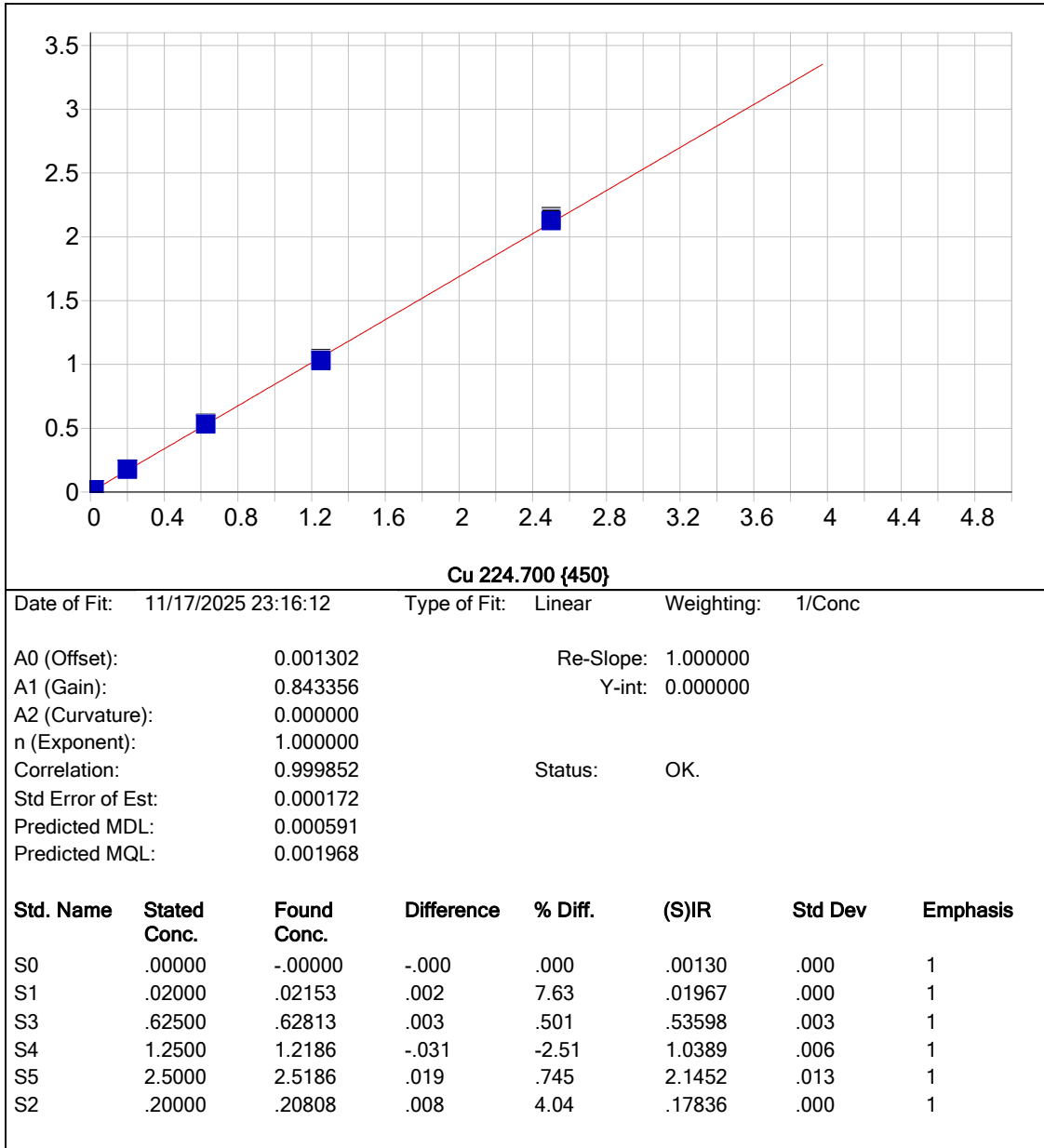


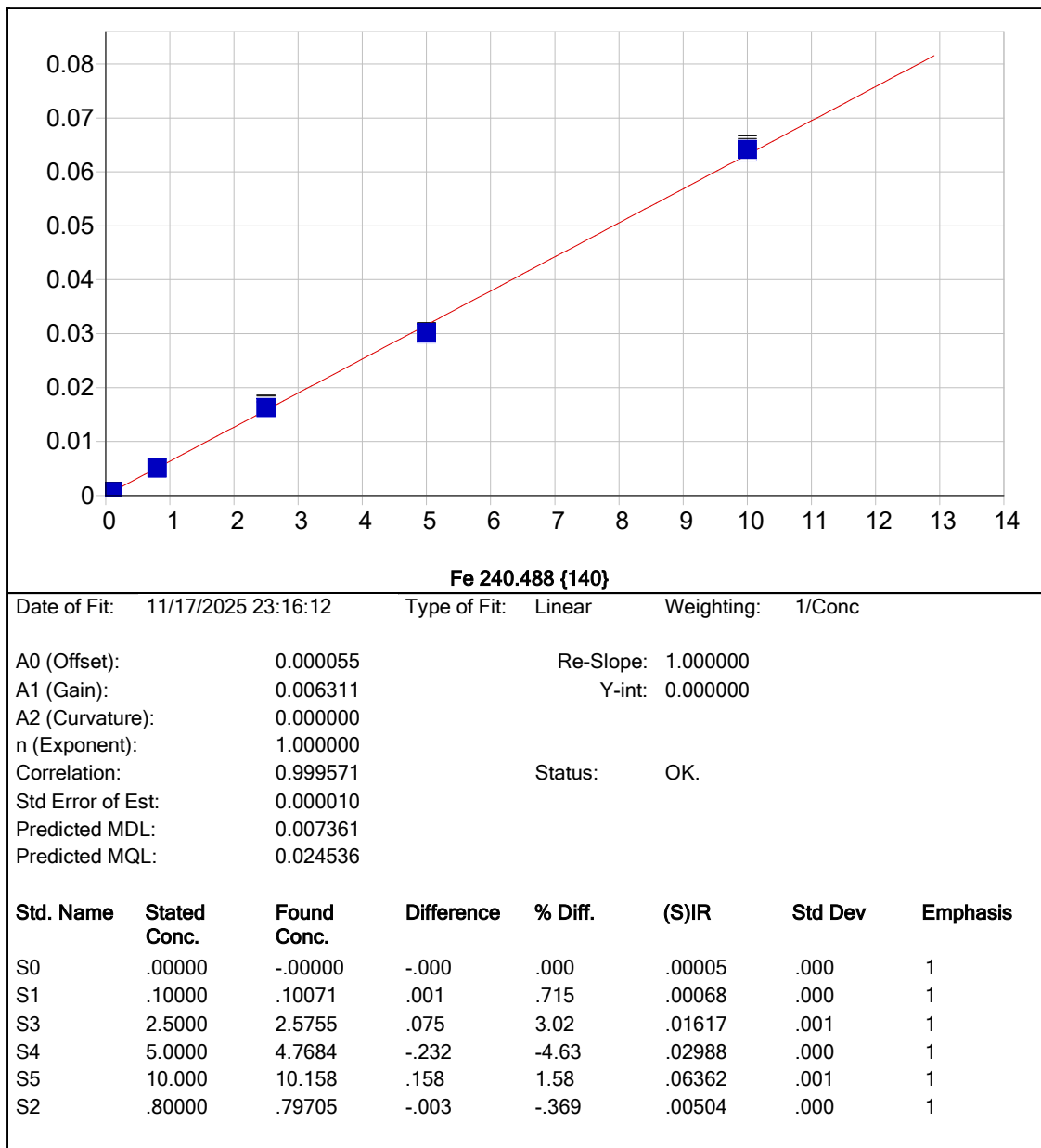
Co 228.616 {448}

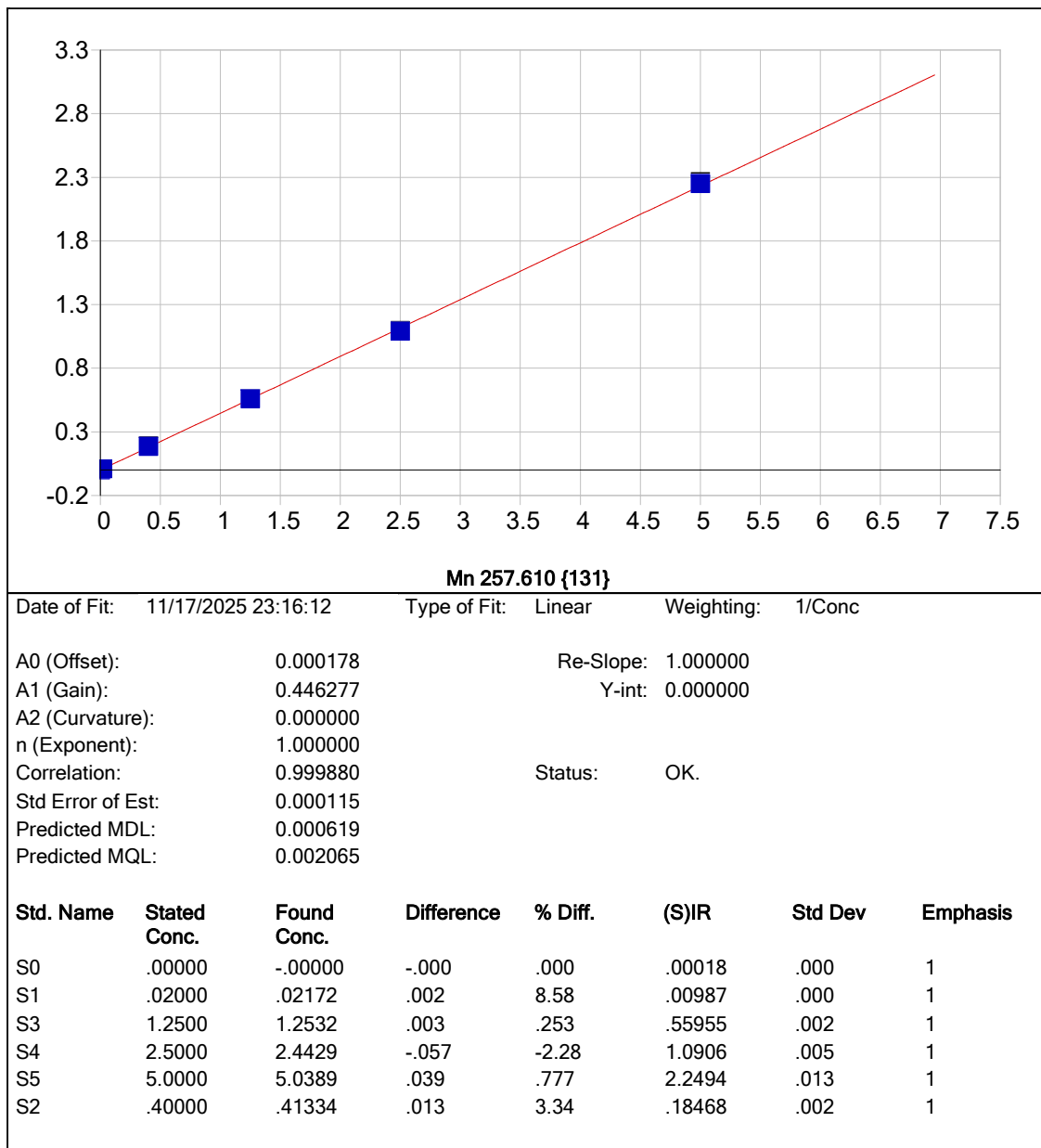
Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

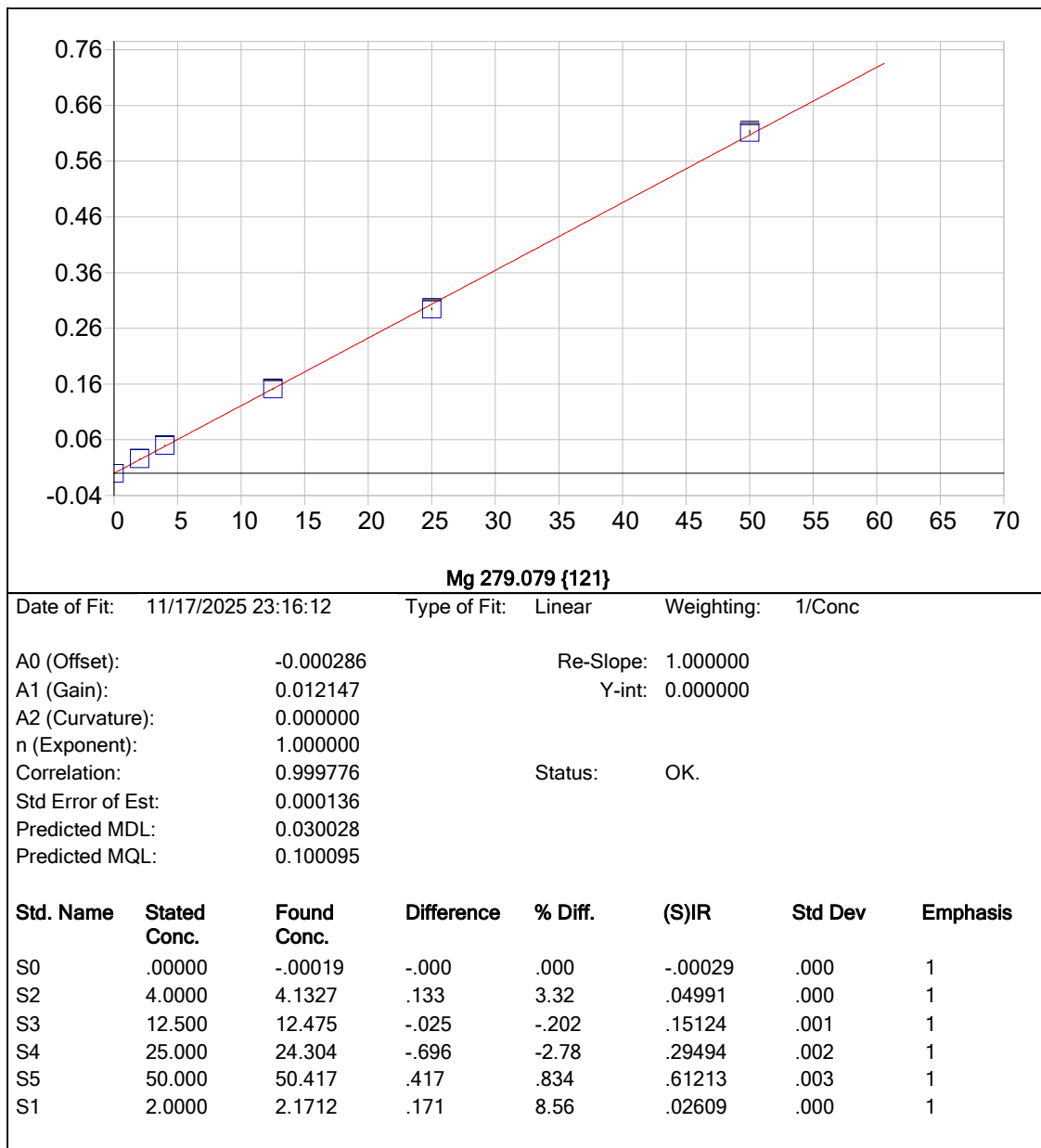
A0 (Offset):	0.000073	Re-Slope:	1.000000
A1 (Gain):	0.896205	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999680	Status:	OK.
Std Error of Est:	0.000461		
Predicted MDL:	0.000296		
Predicted MQL:	0.000987		

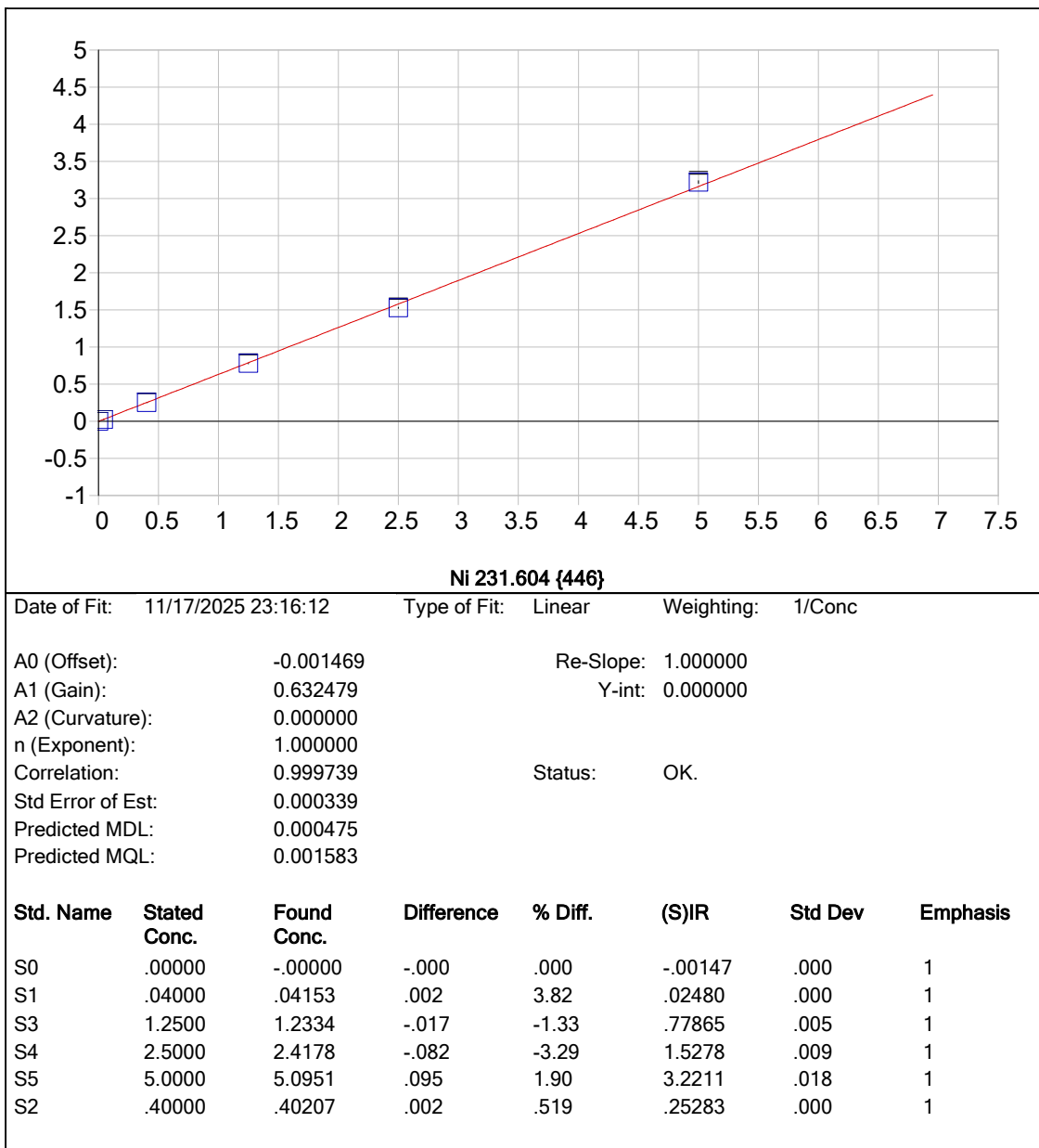
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.03000	.03017	.000	.565	.02700	.000	1
S3	1.2500	1.2234	-.027	-2.13	1.0983	.008	1
S4	2.5000	2.4165	-.083	-3.34	2.1696	.012	1
S5	5.0000	5.1123	.112	2.25	4.5893	.026	1
S2	.40000	.39768	-.002	-.579	.35709	.000	1

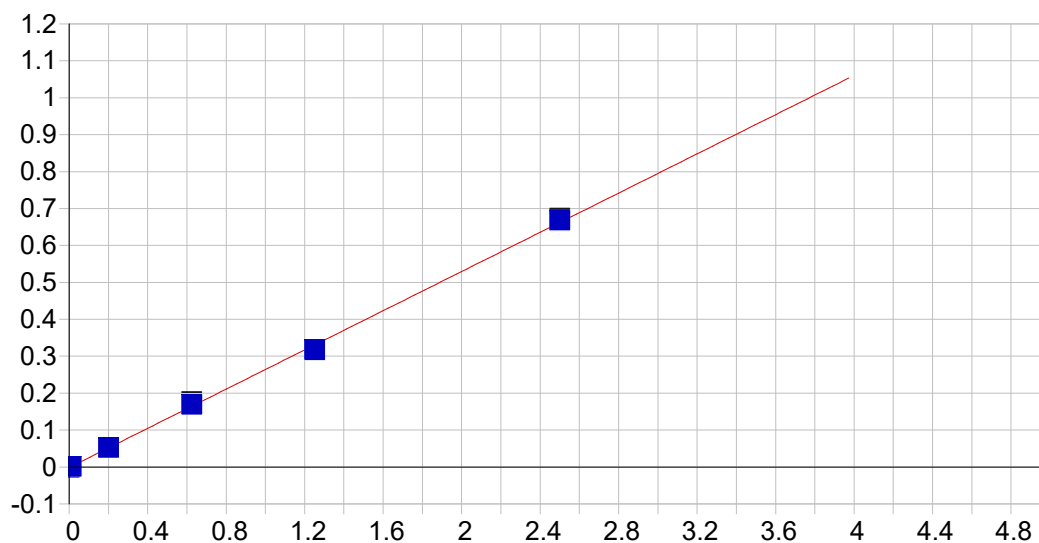










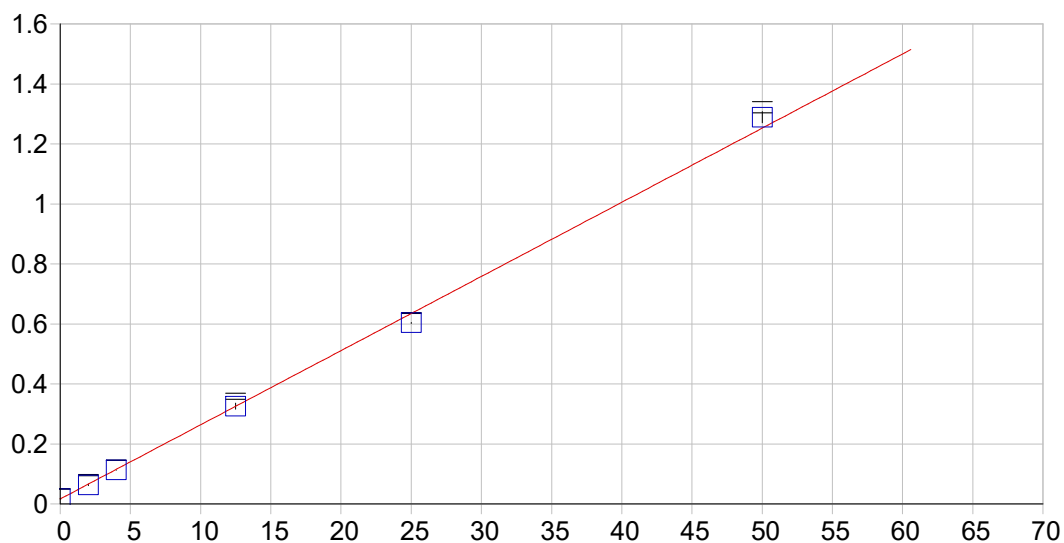


Ag 328.068 {103}

Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001489 Re-Slope: 1.000000
A1 (Gain): 0.265464 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999691 Status: OK.
Std Error of Est: 0.000055
Predicted MDL: 0.000732
Predicted MQL: 0.002442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00149	.000	1
S1	.01000	.01010	.000	1.02	.00117	.000	1
S3	.62500	.64363	.019	2.98	.16863	.007	1
S4	1.2500	1.2014	-.049	-3.89	.31597	.000	1
S5	2.5000	2.5249	.025	.998	.66584	.005	1
S2	.20000	.20490	.005	2.45	.05267	.000	1

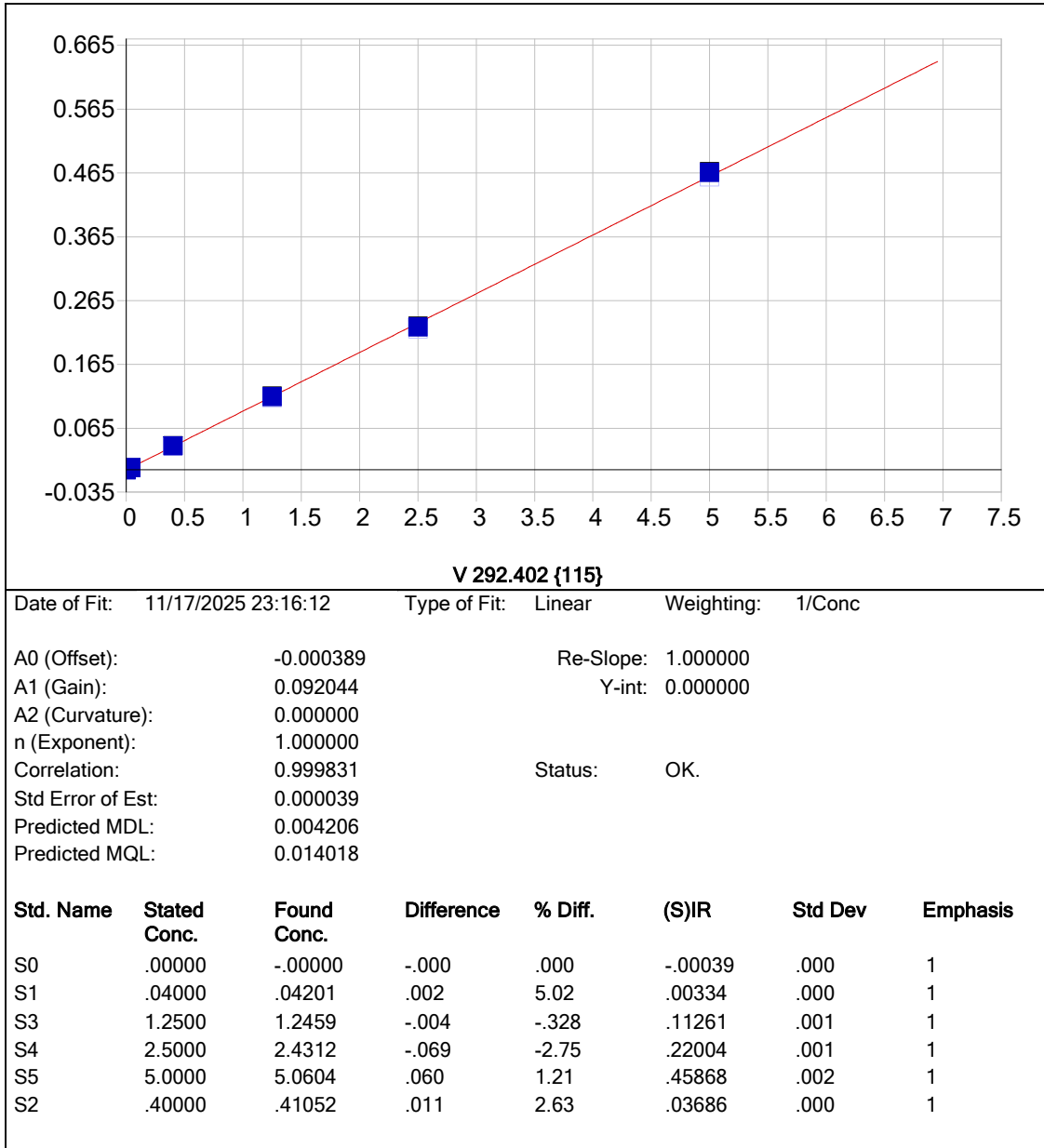


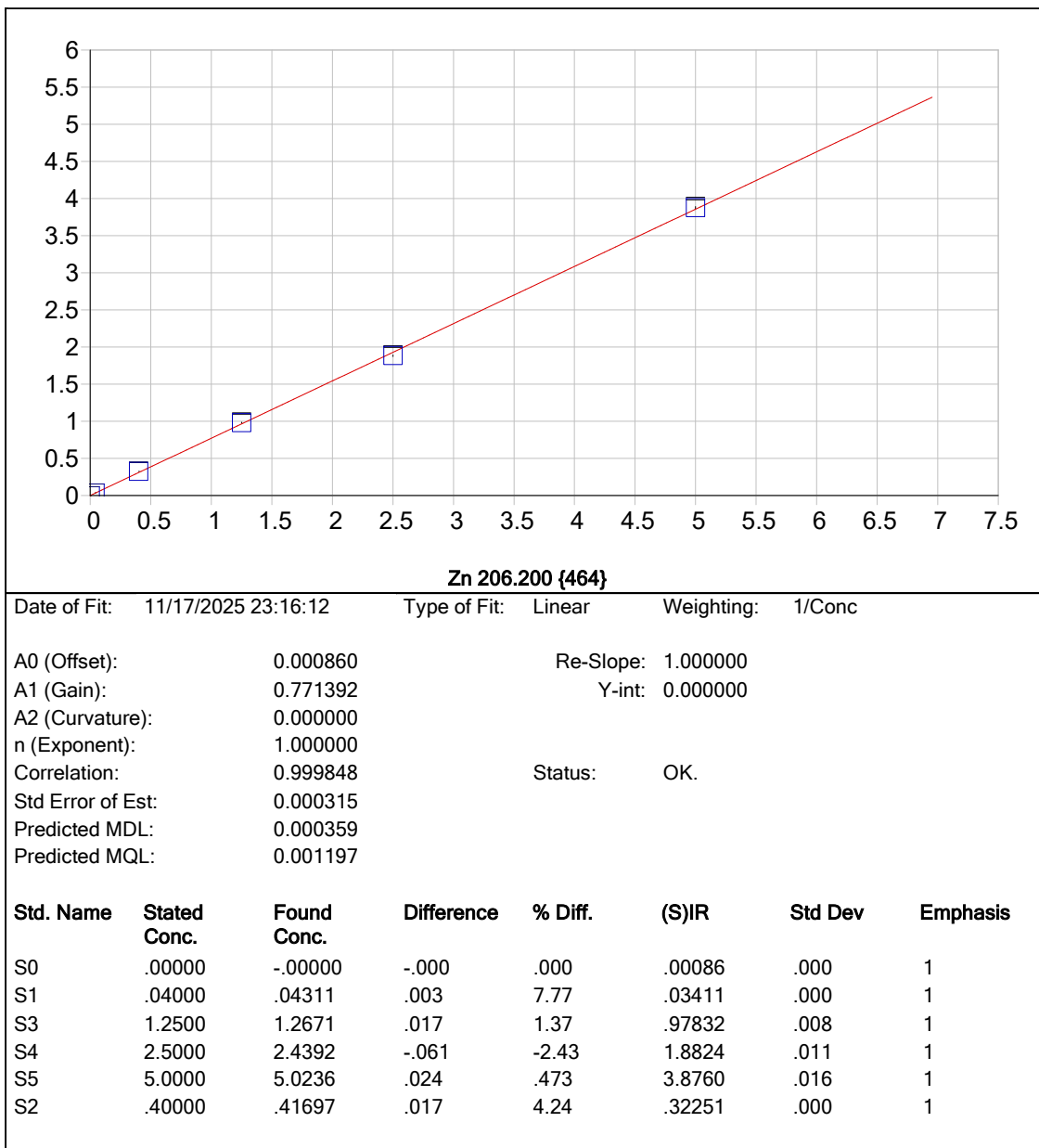
Na 589.592 { 57}

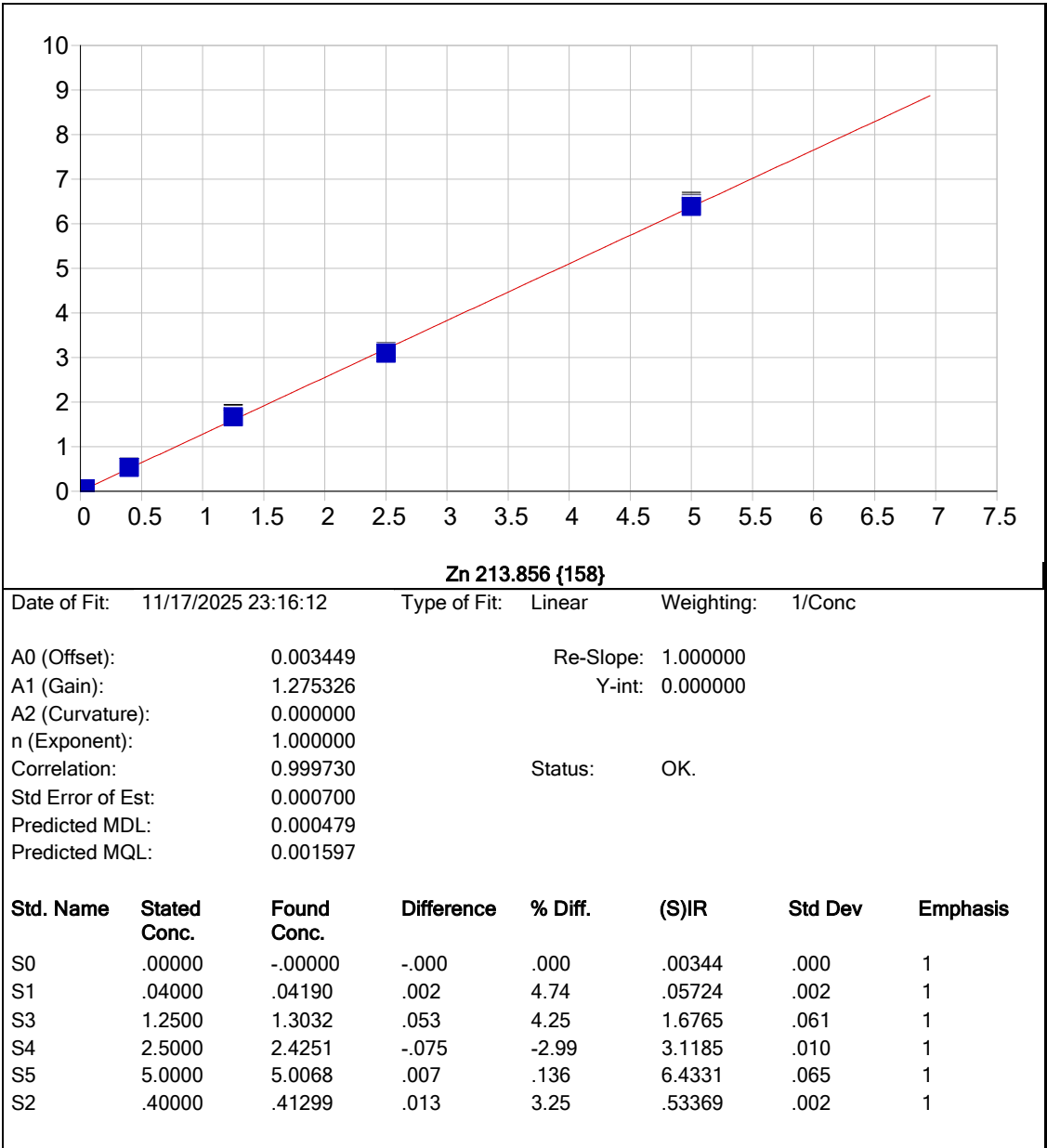
Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016569 Re-Slope: 1.000000
A1 (Gain): 0.024720 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999376 Status: OK.
Std Error of Est: 0.000462
Predicted MDL: 0.012305
Predicted MQL: 0.041016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.01657	.001	1
S2	4.0000	3.9000	-.100	-2.50	.11298	.000	1
S3	12.500	12.501	.001	.009	.32560	.010	1
S4	25.000	23.750	-1.25	-5.00	.60367	.002	1
S5	50.000	51.476	1.48	2.95	1.2891	.019	1
S1	2.0000	1.8732	-.127	-6.34	.06287	.002	1

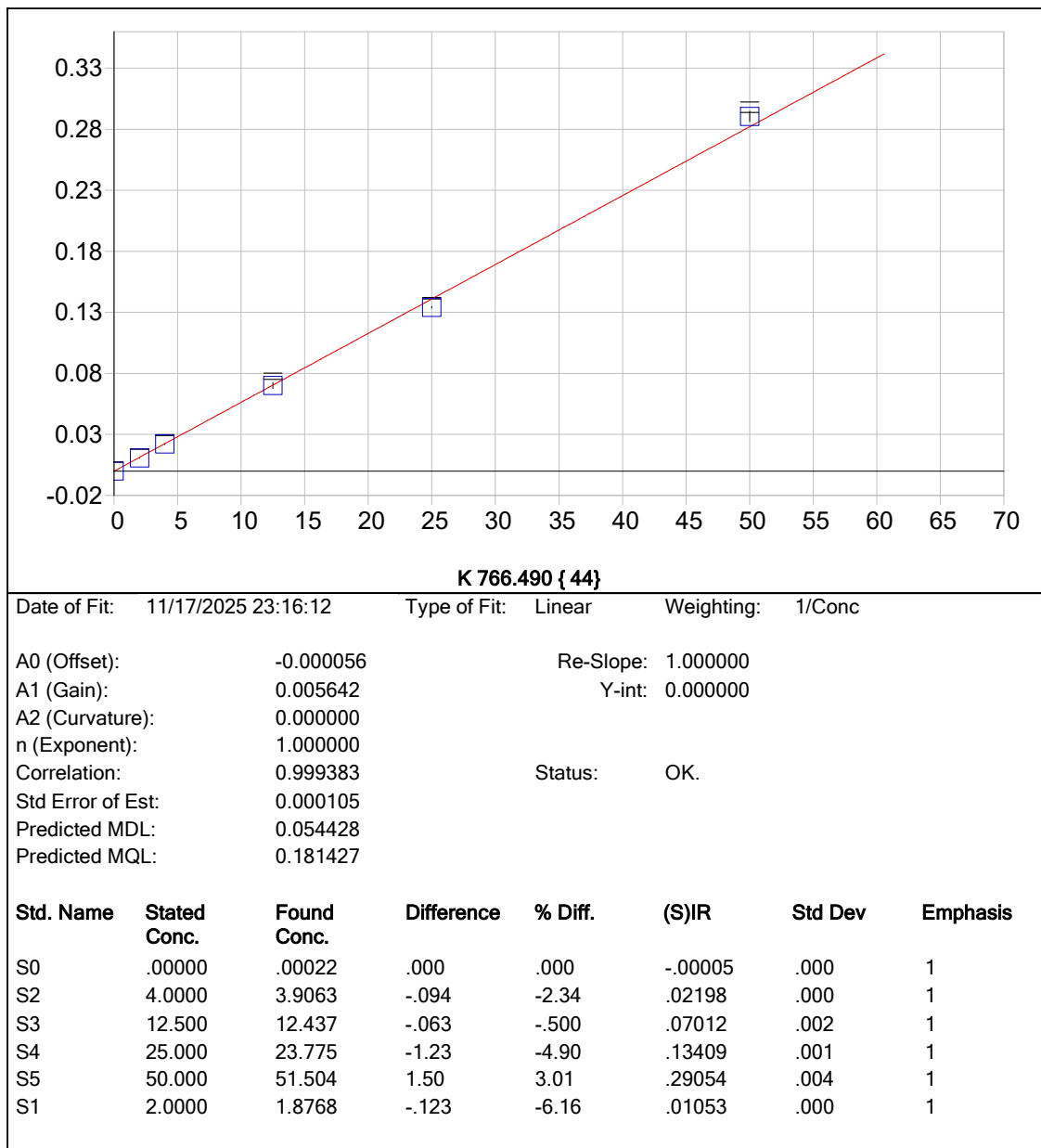


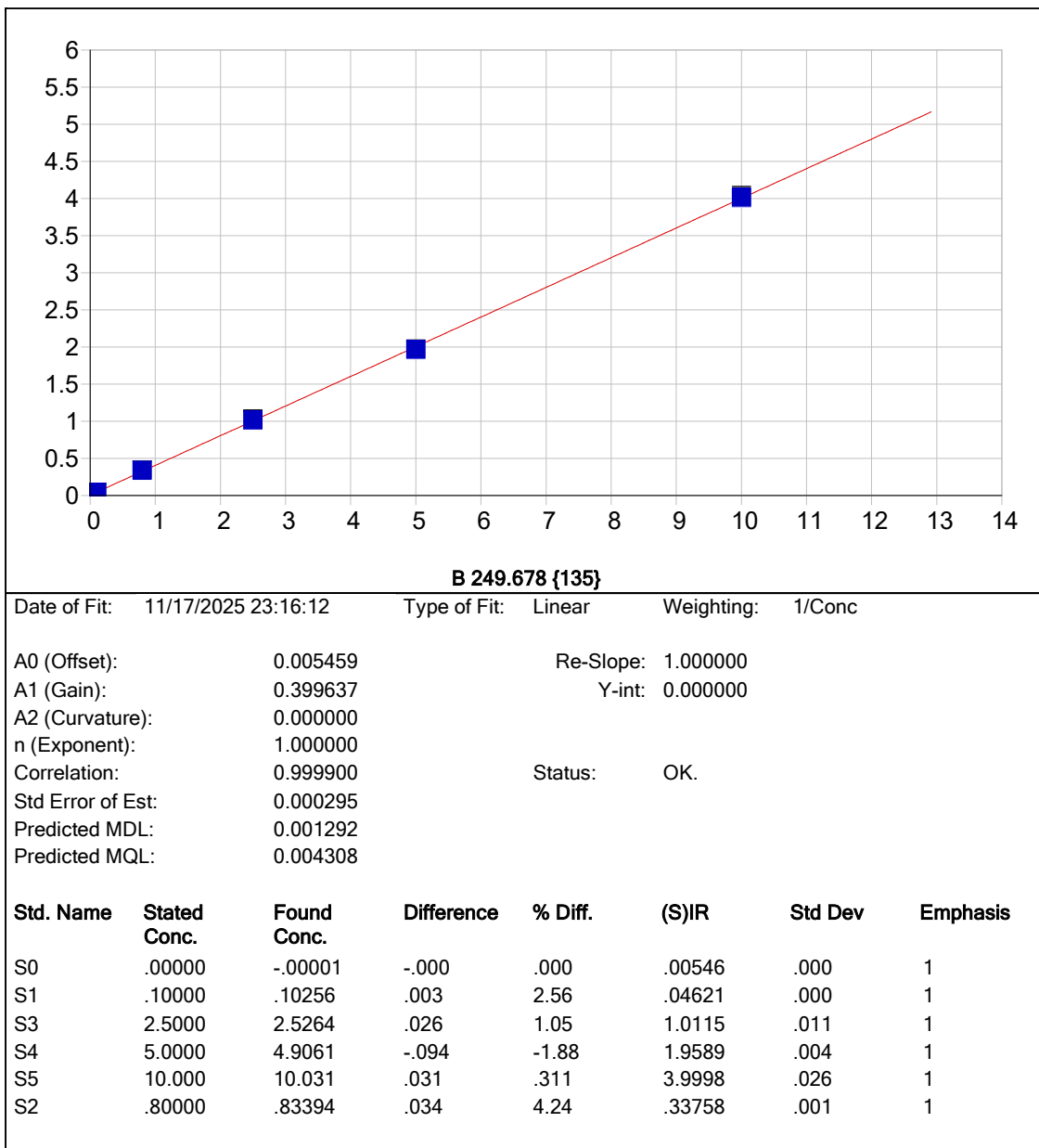


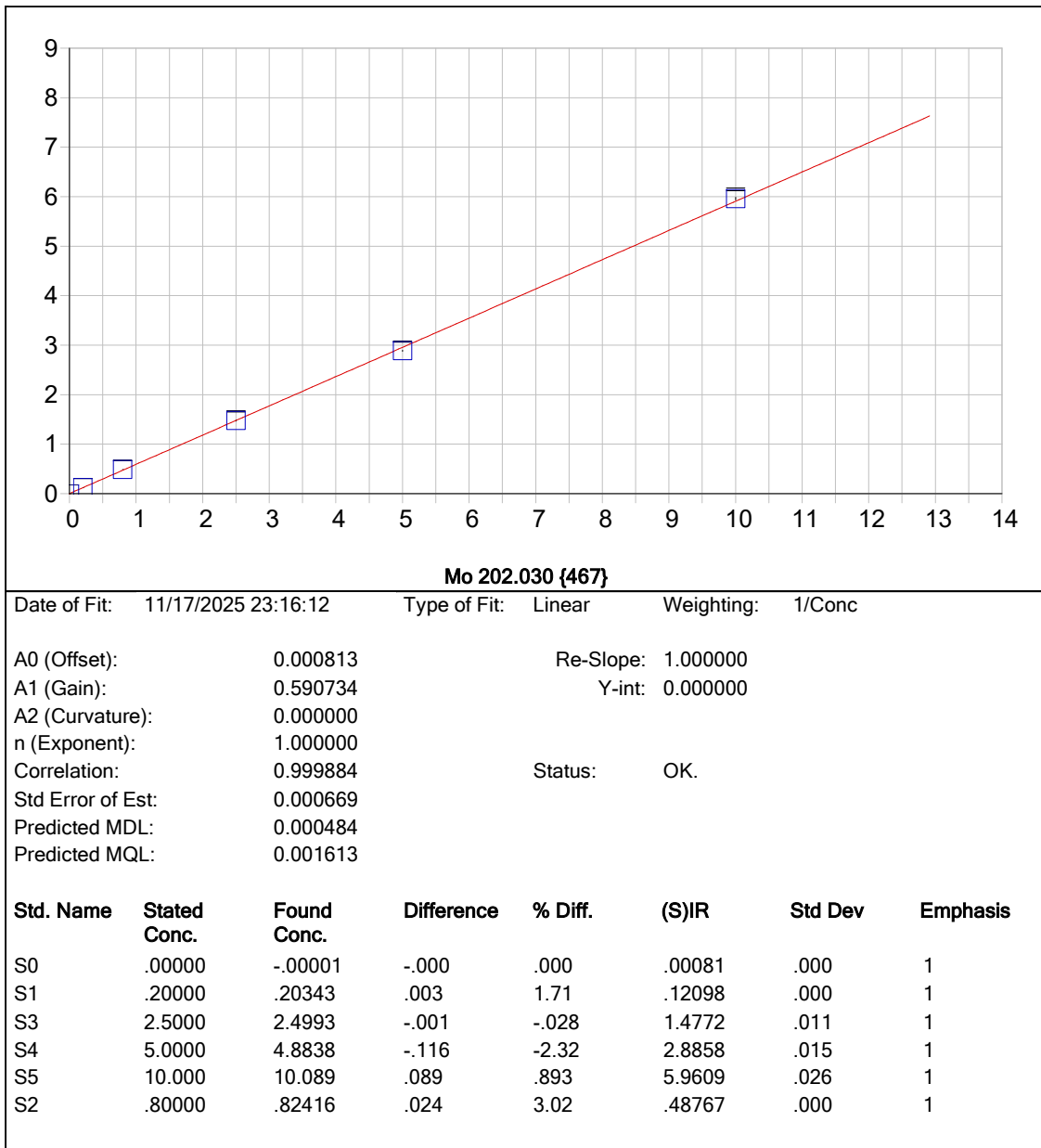


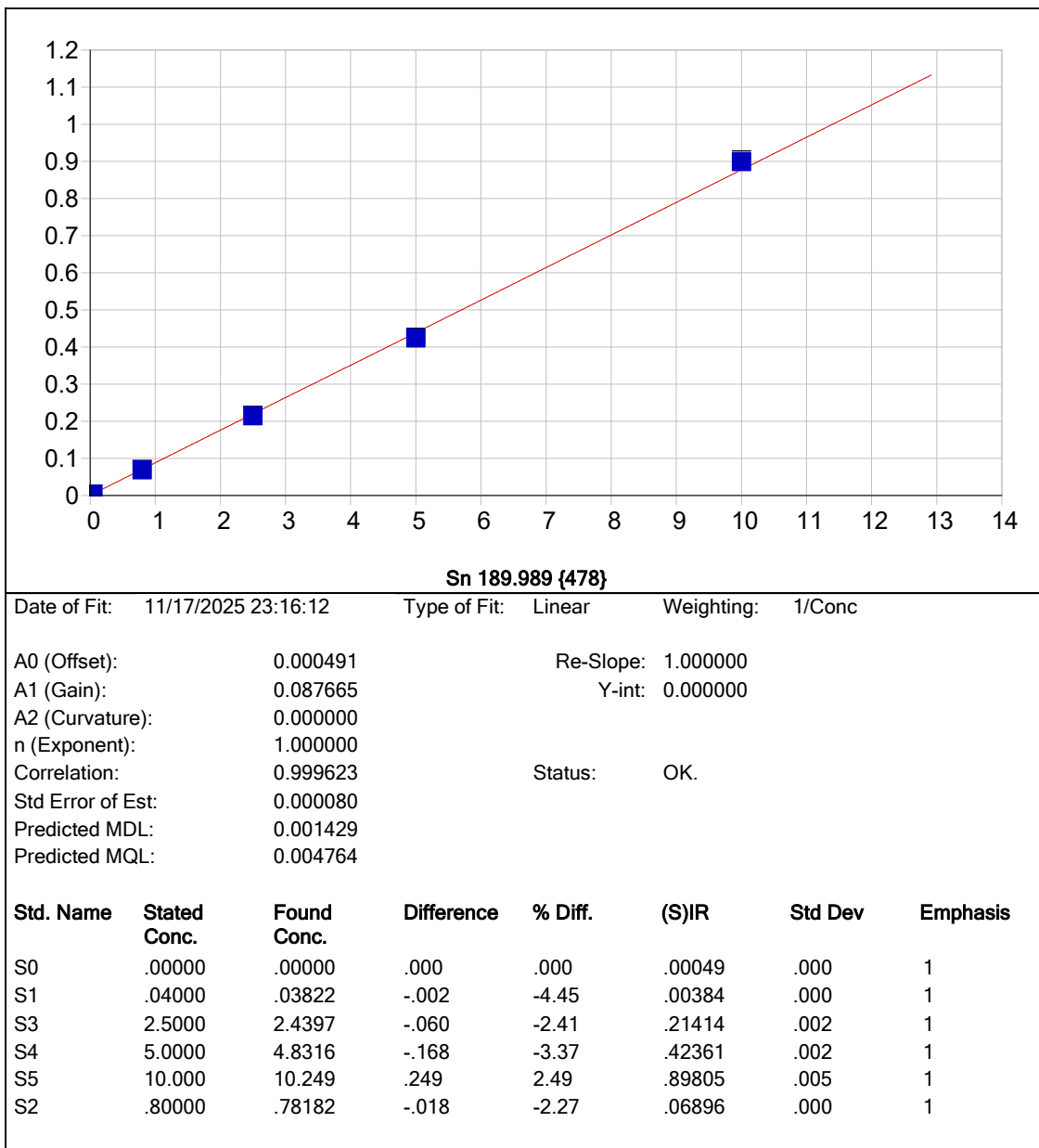
Date of Fit: 11/17/2025 23:16:12 Type of Fit: Linear Weighting: 1/Conc

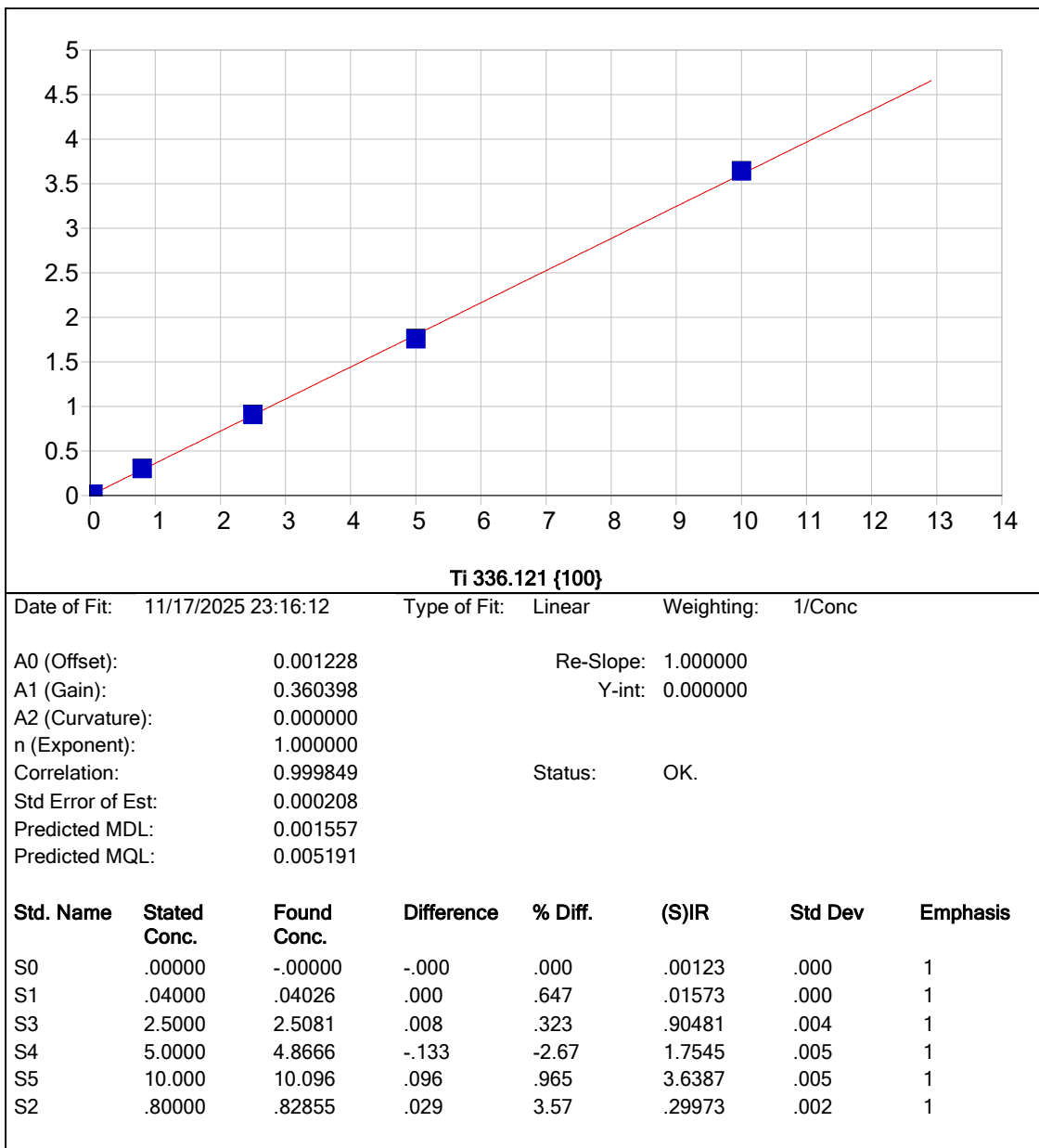
A0 (Offset): 0.003449 Re-Slope: 1.000000
A1 (Gain): 1.275326 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999730 Status: OK.
Std Error of Est: 0.000700
Predicted MDL: 0.000479
Predicted MQL: 0.001597

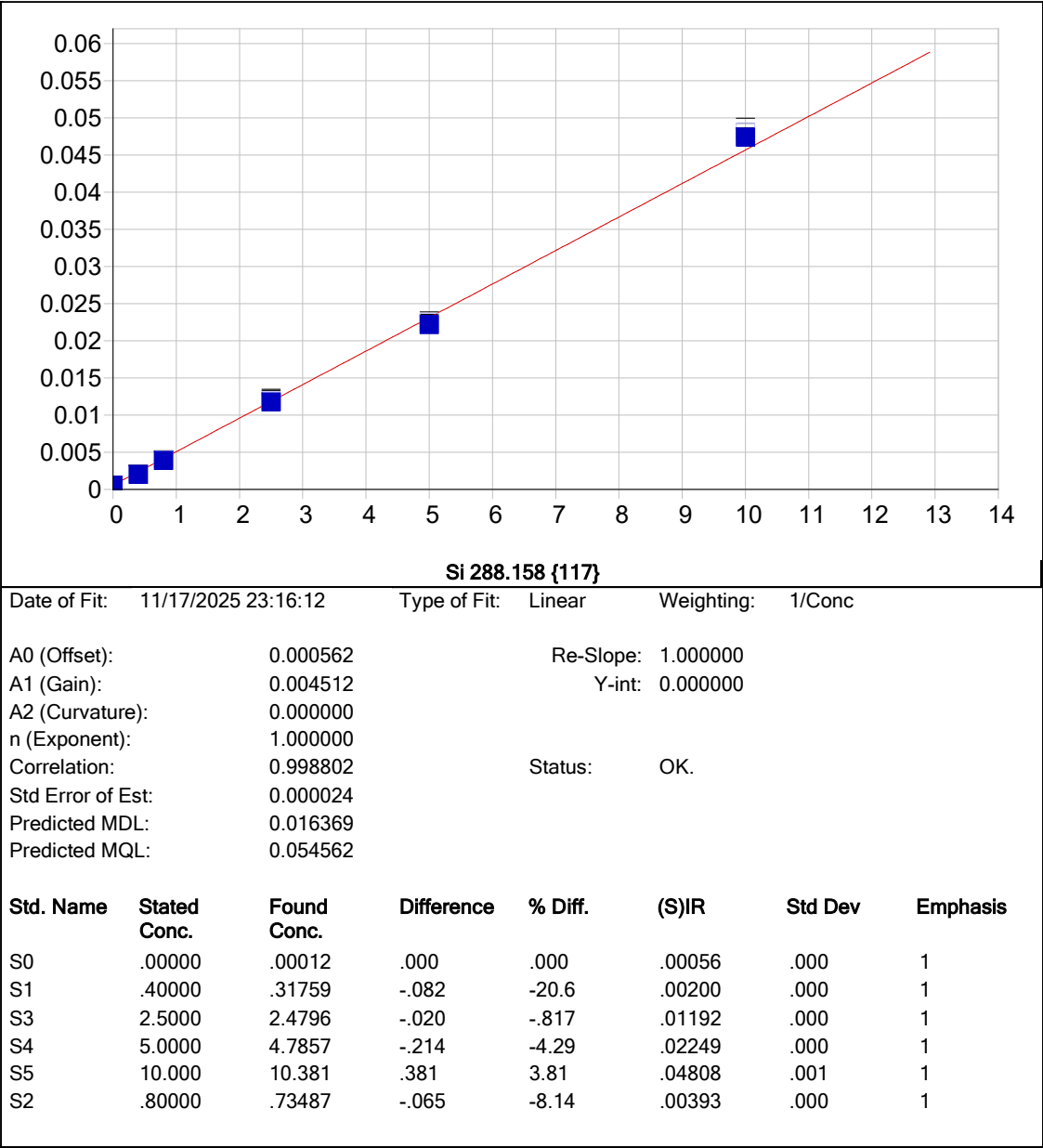


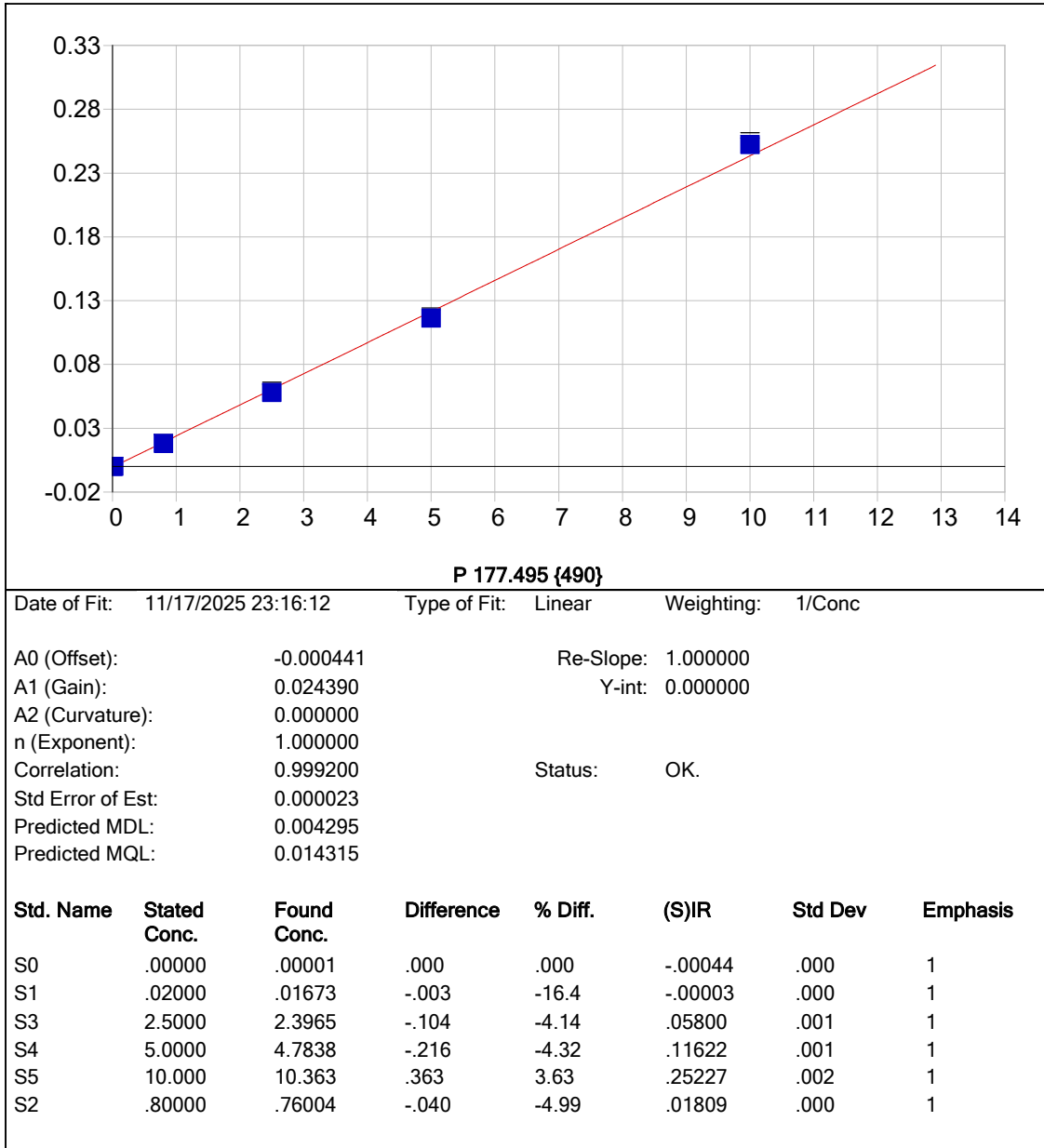




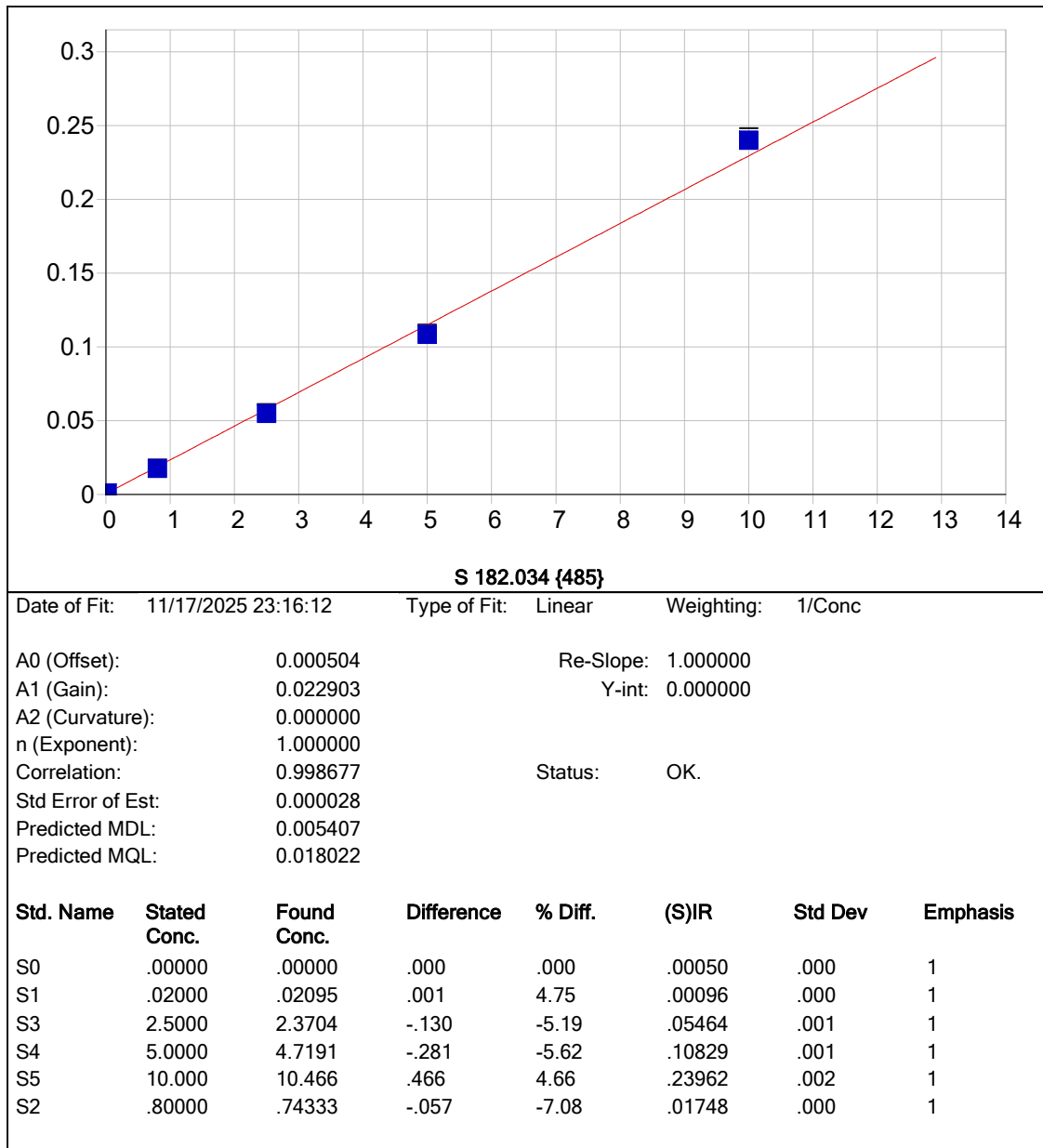


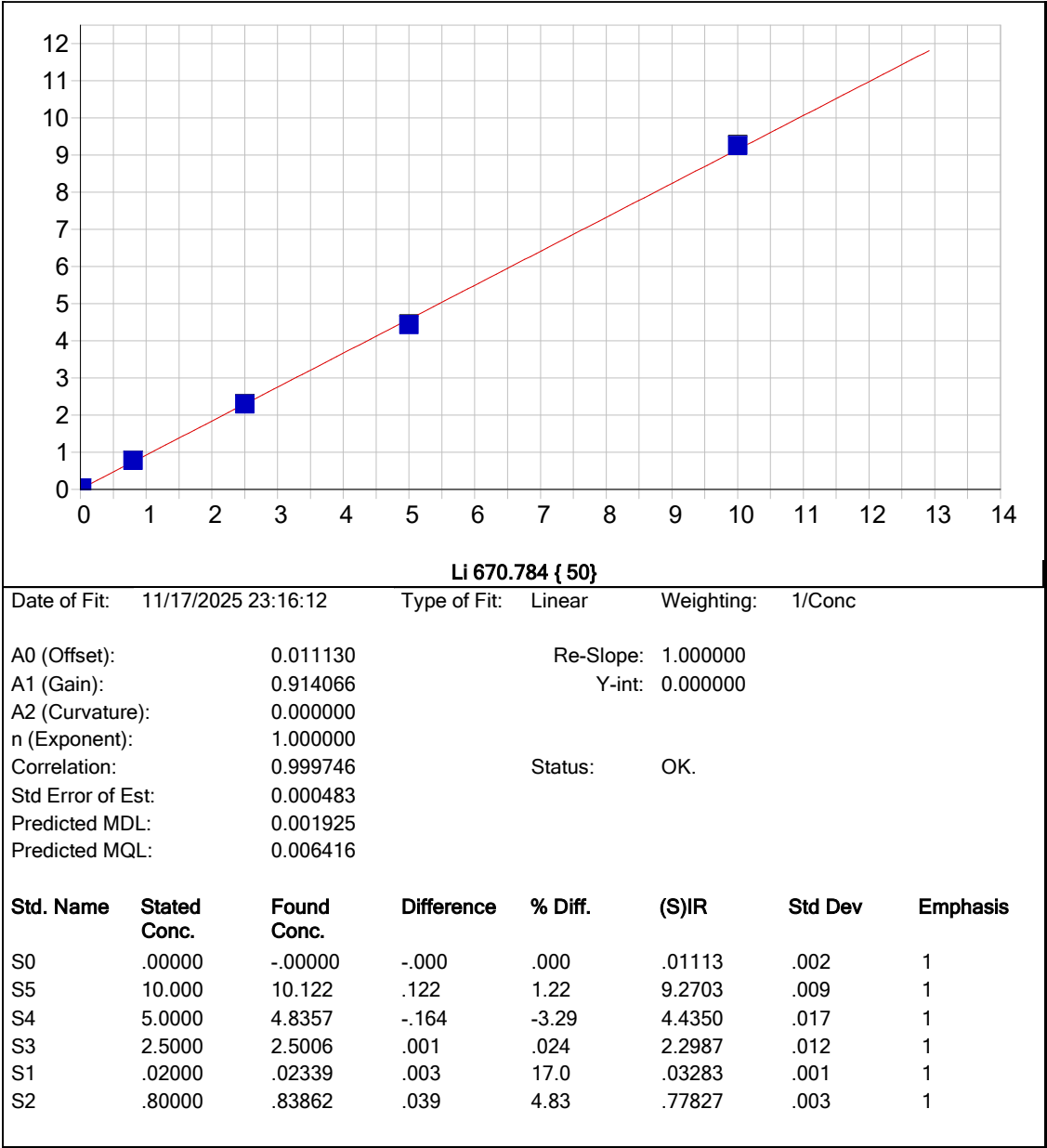


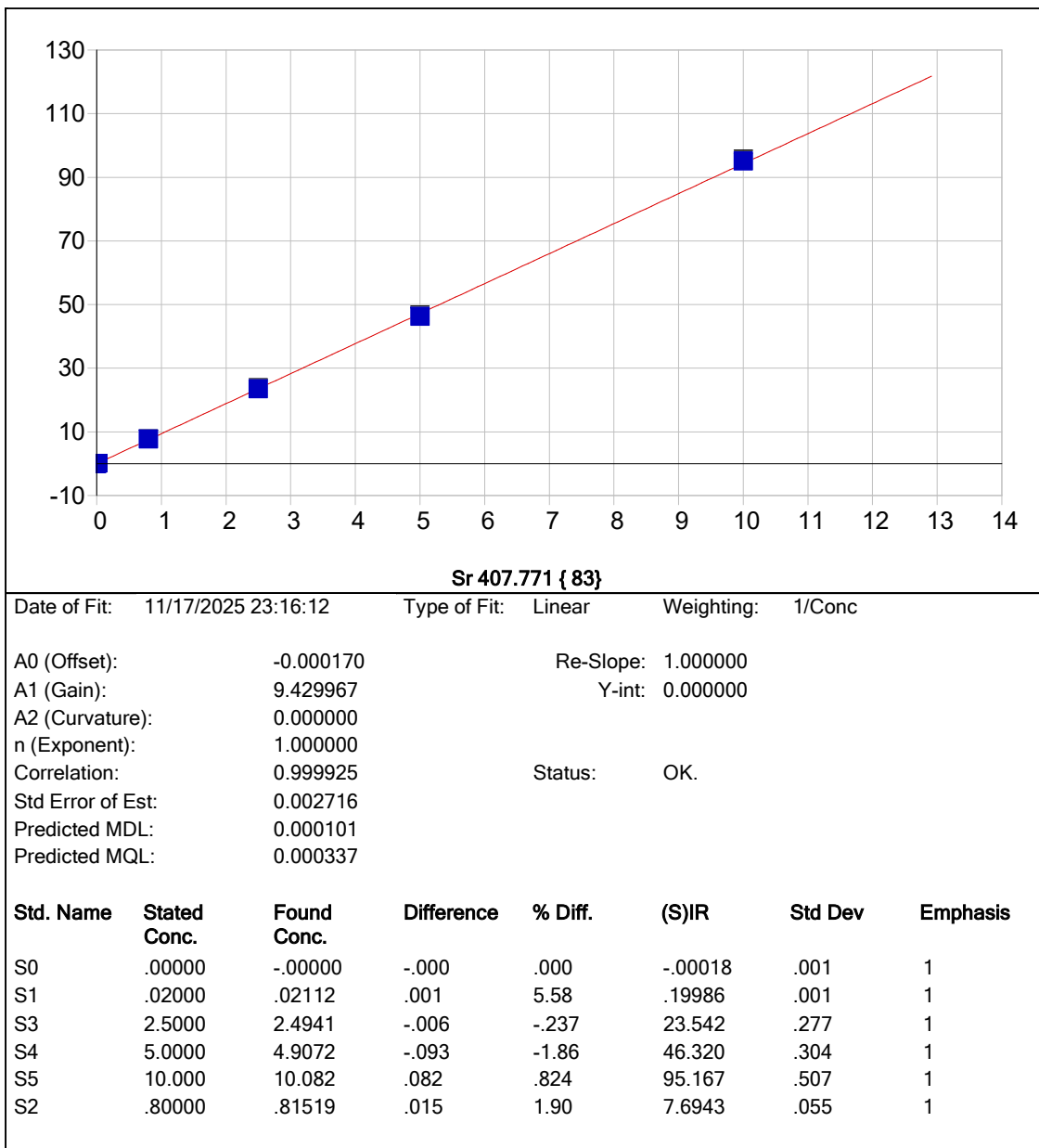


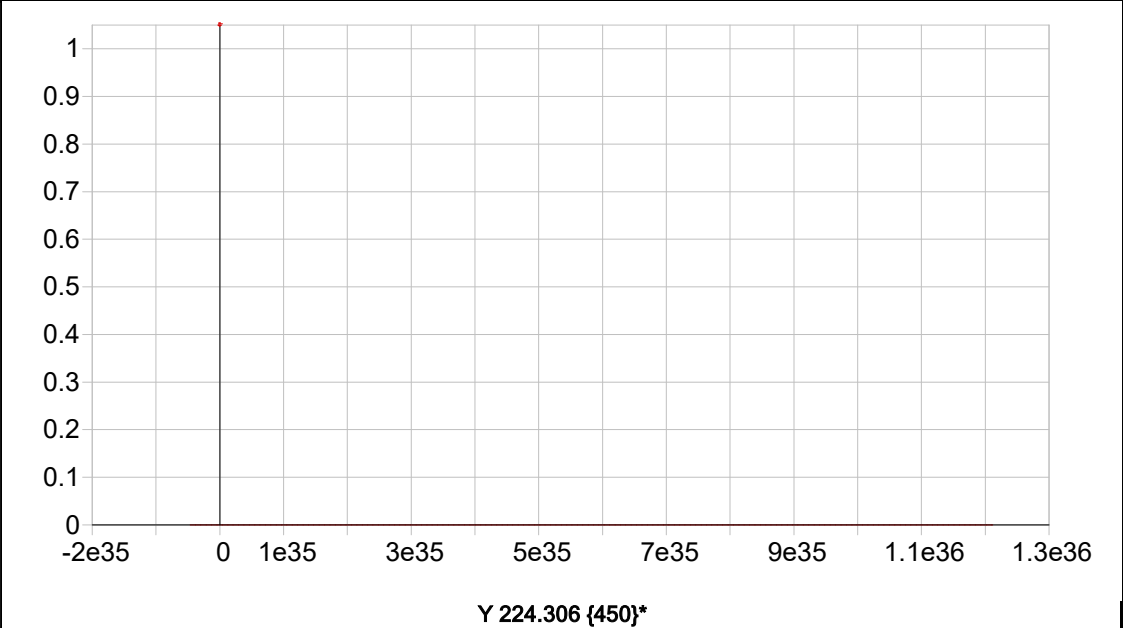


Date of Fit:	11/17/2025 23:16:12	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000441	Re-Slope:	1.000000		
A1 (Gain):	0.024390	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999200	Status:	OK.		
Std Error of Est:	0.000023				
Predicted MDL:	0.004295				
Predicted MQL:	0.014315				



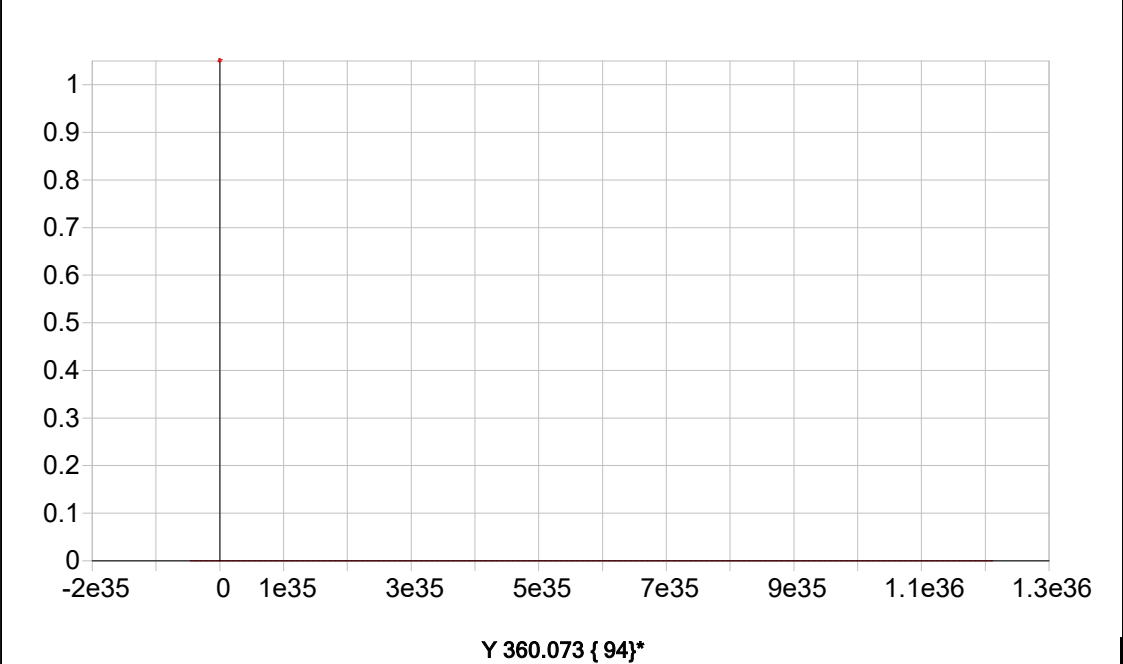




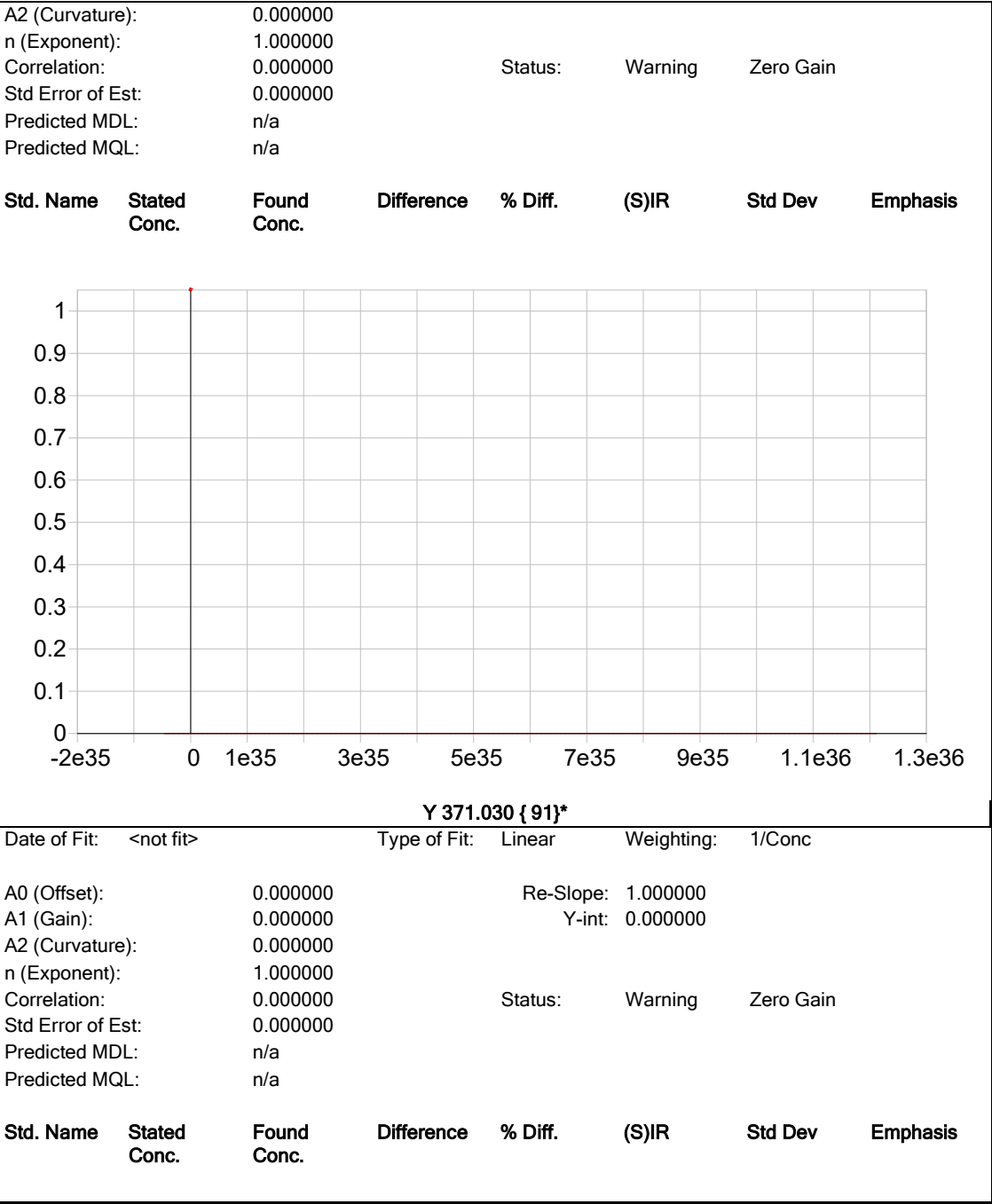


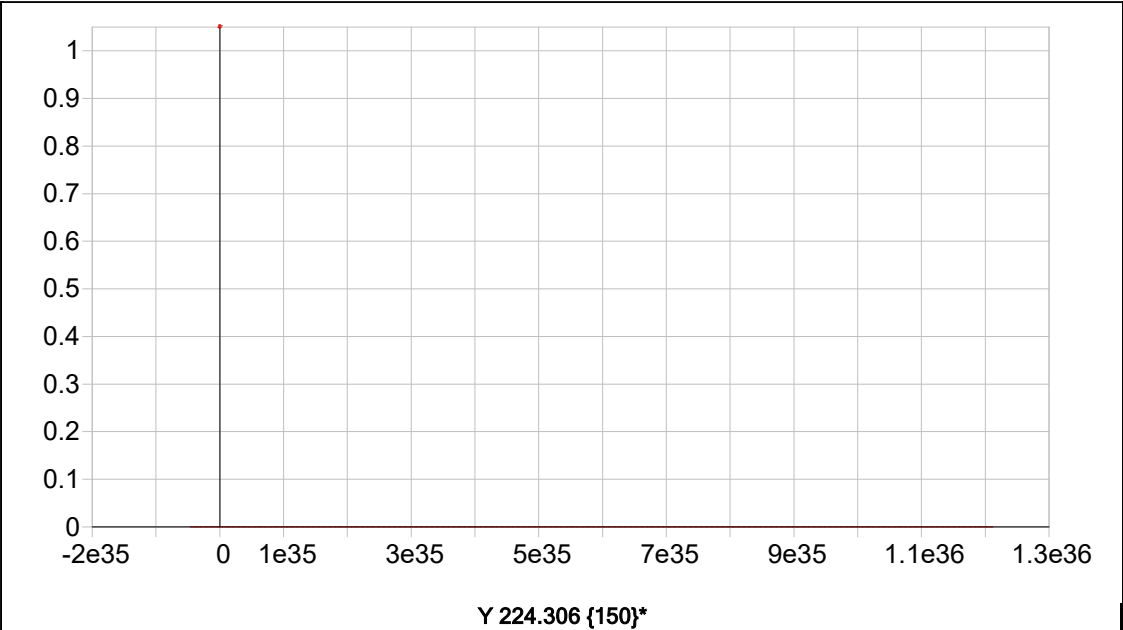
Date of Fit:	11/17/2025 23:16:12	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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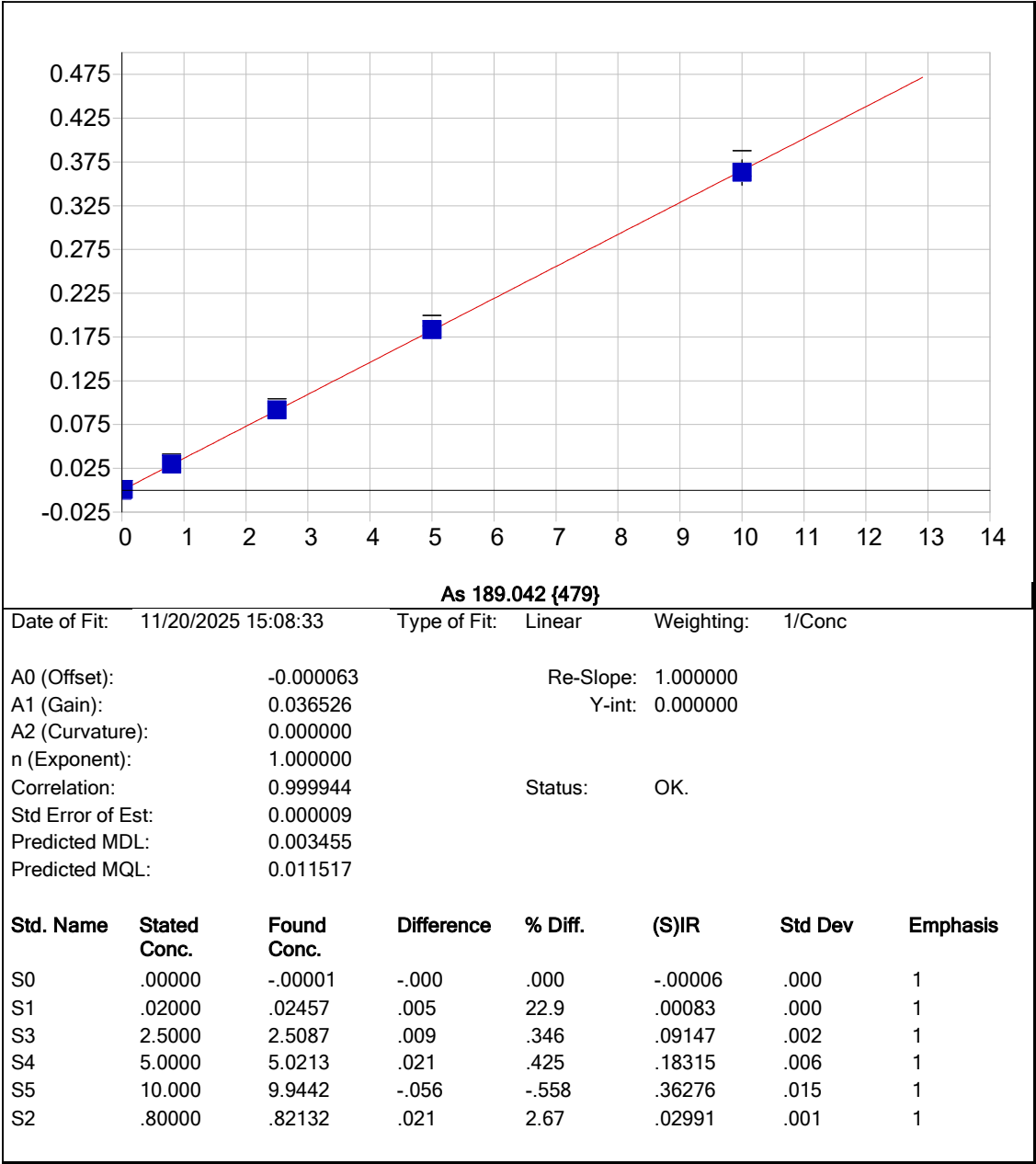
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

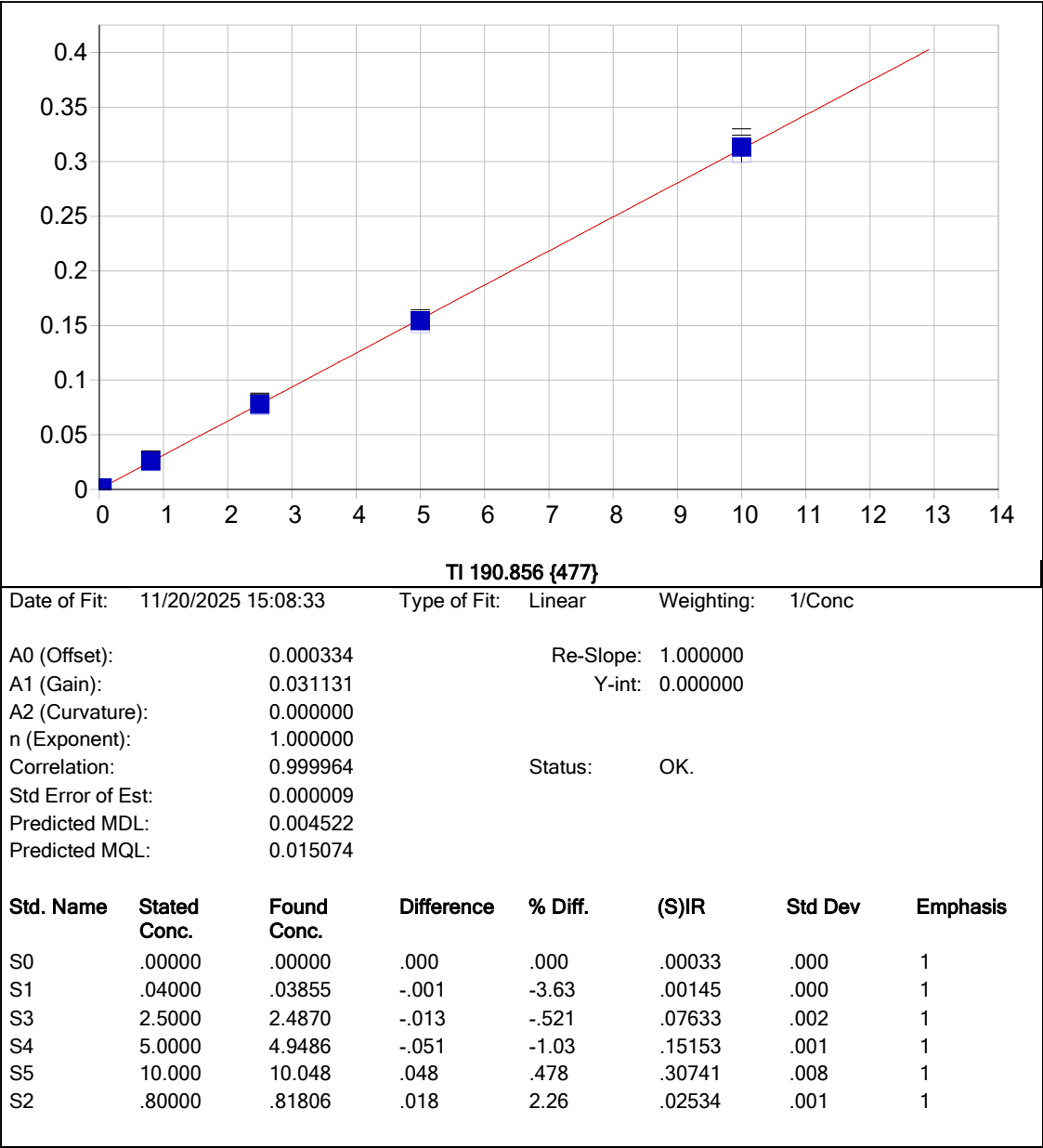


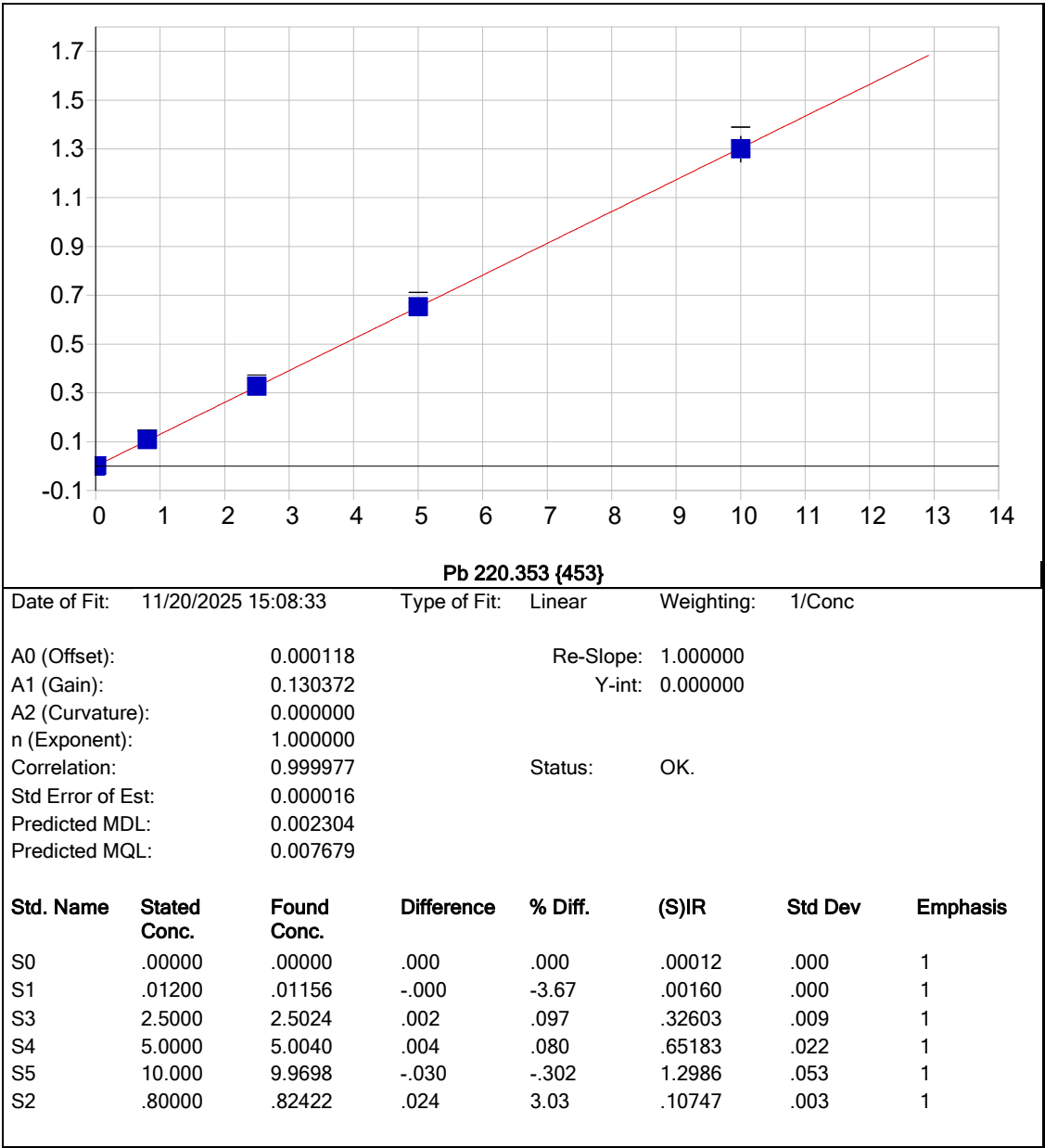


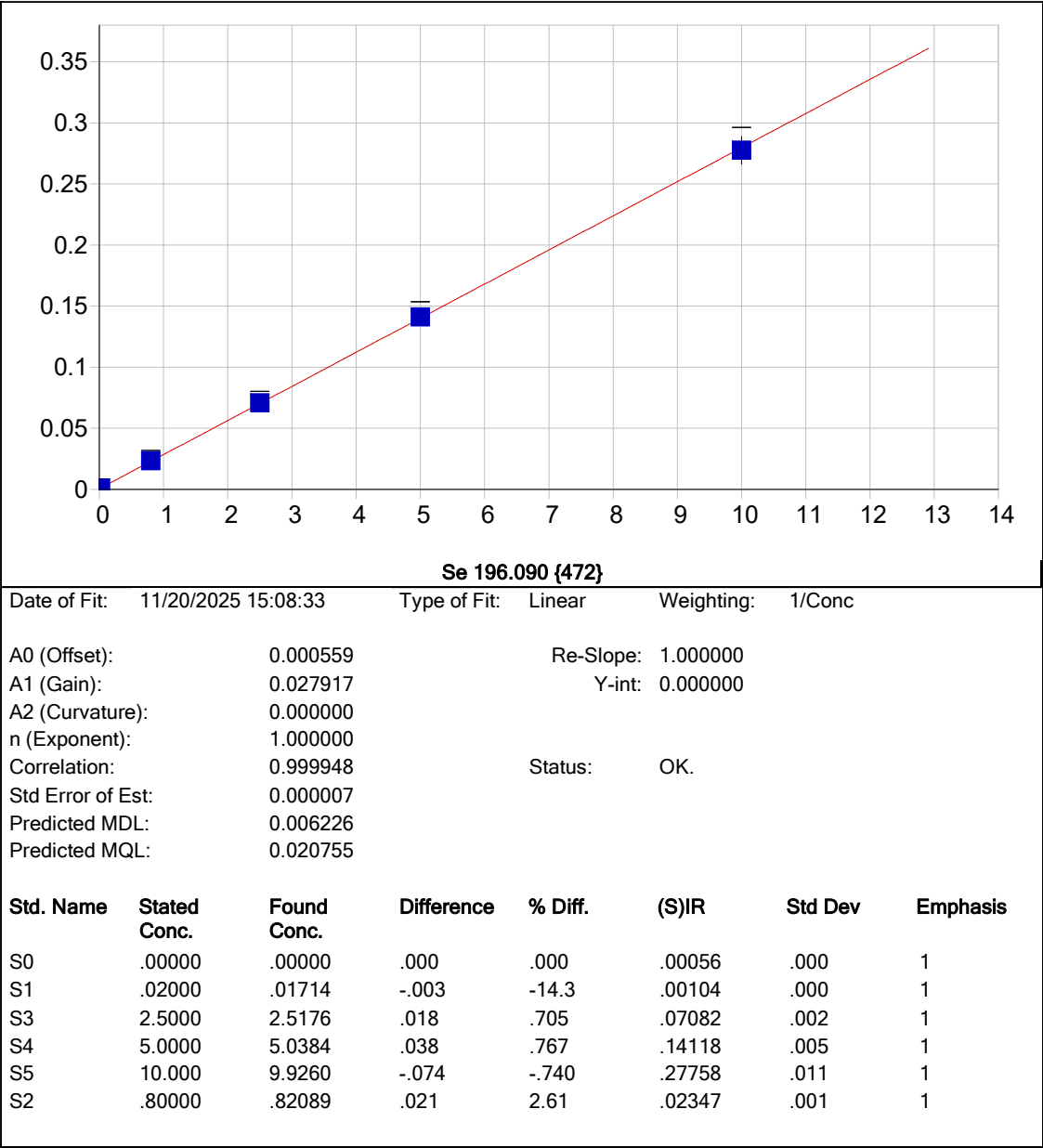
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
In 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):		0.000000			Re-Slope:	1.000000	
A1 (Gain):		0.000000			Y-int:	0.000000	

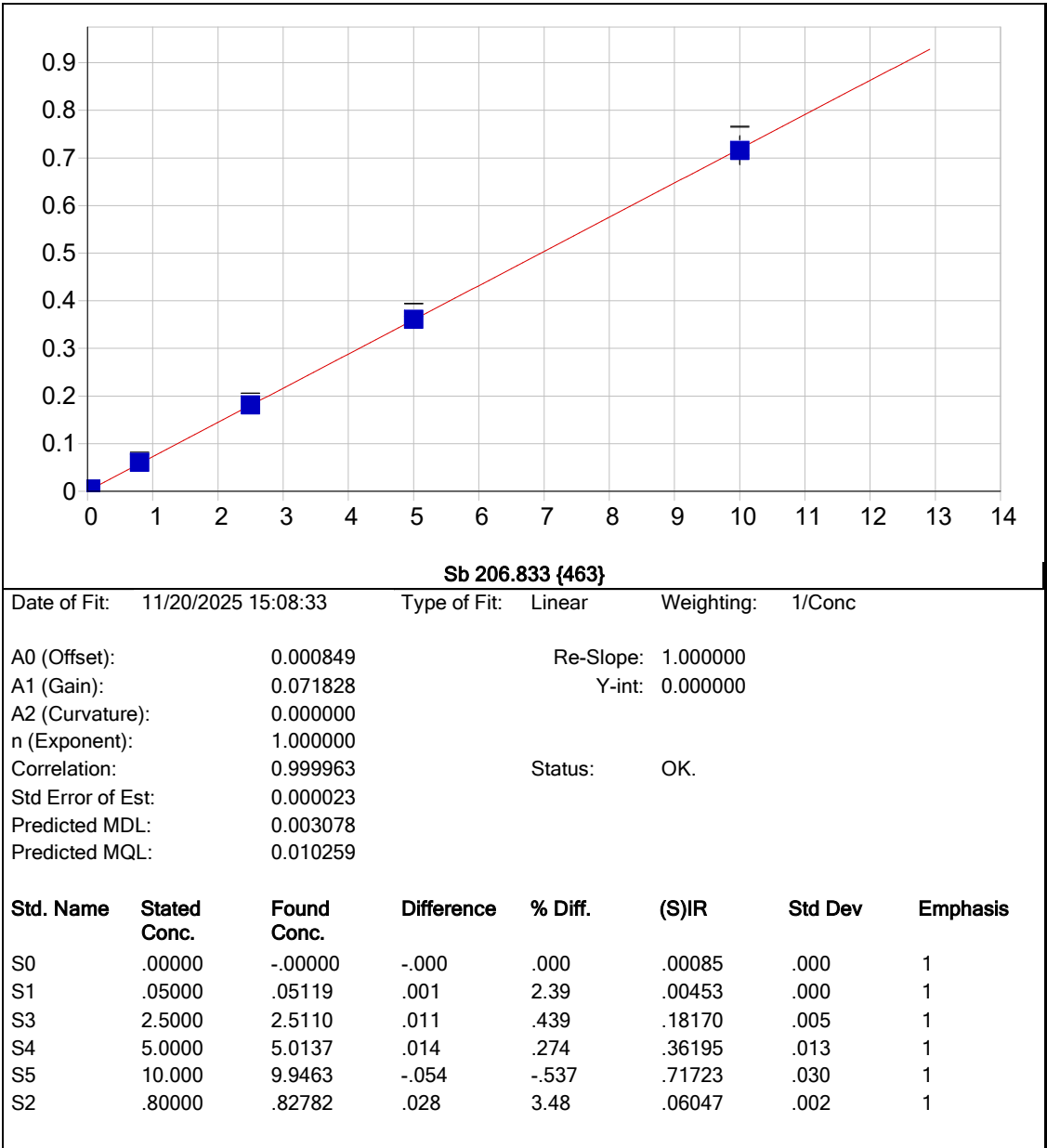
A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis





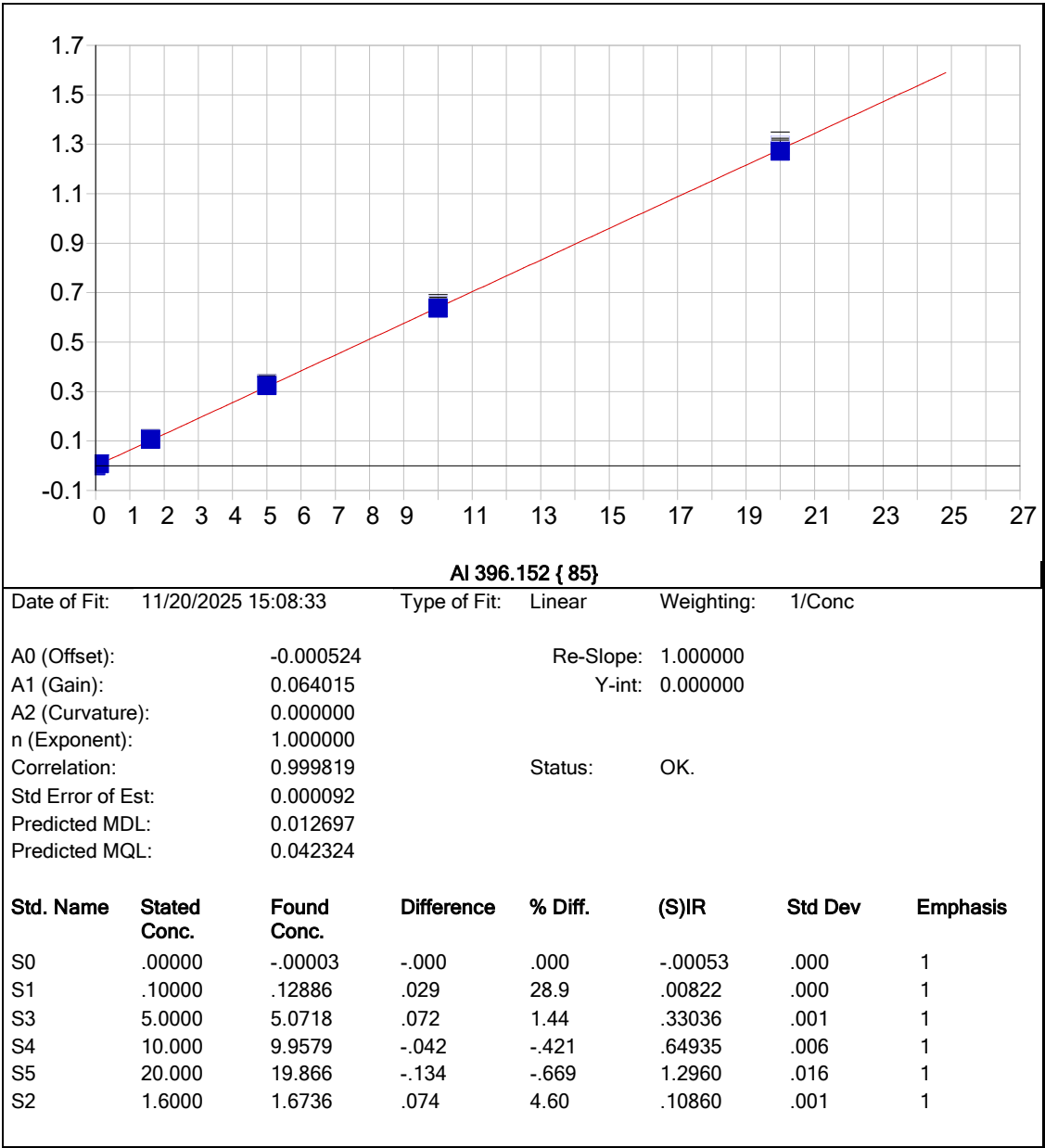


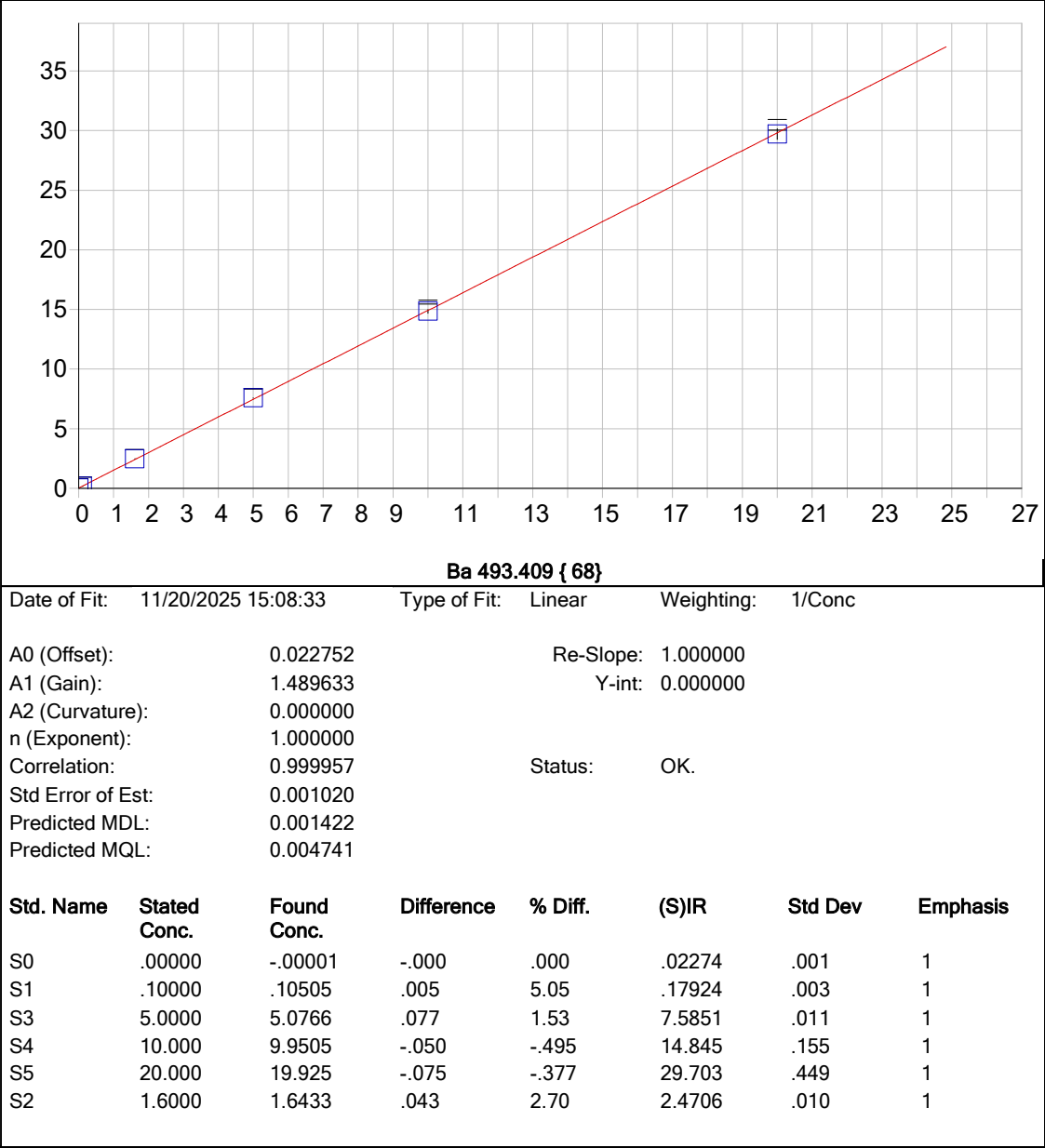


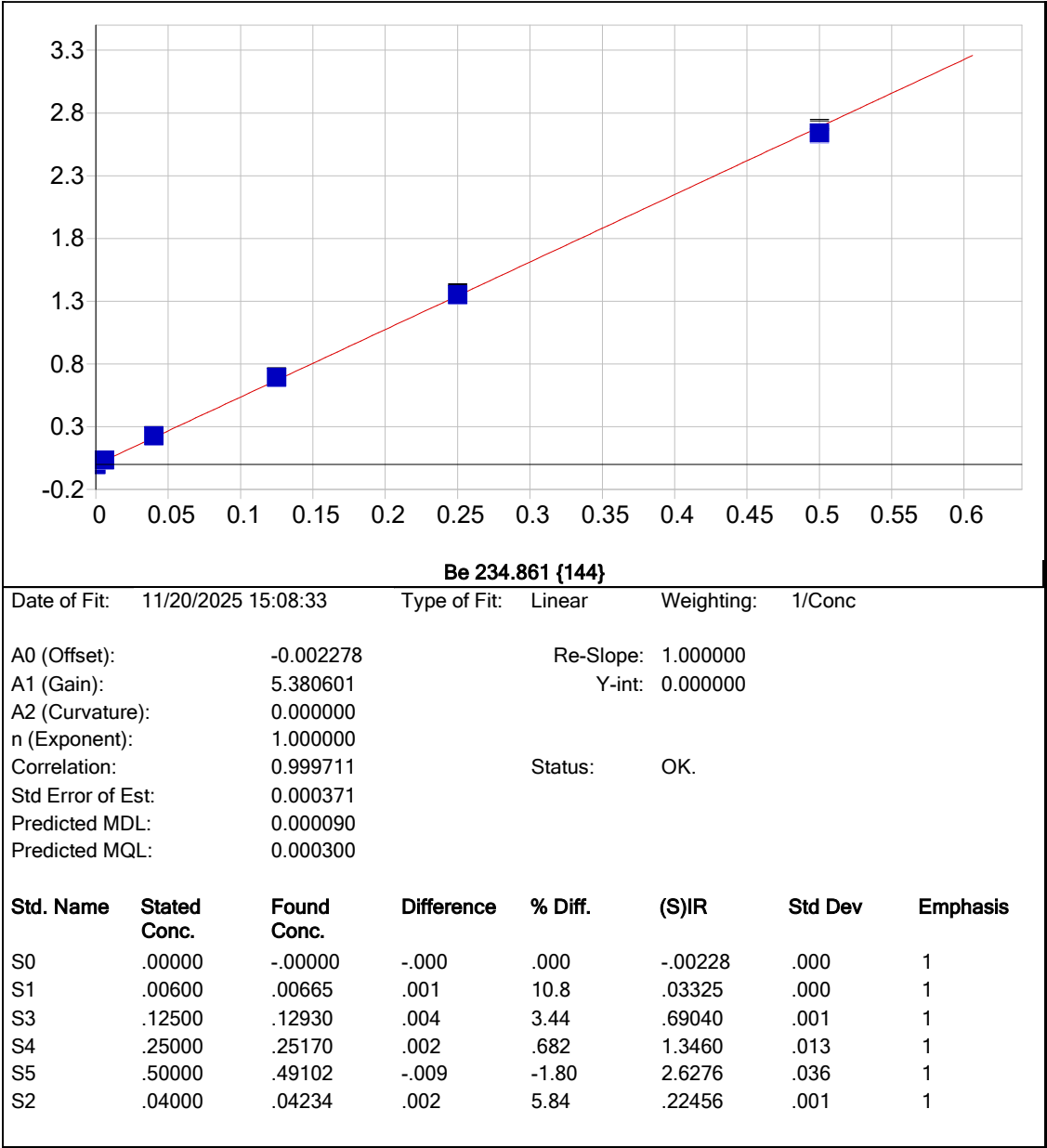


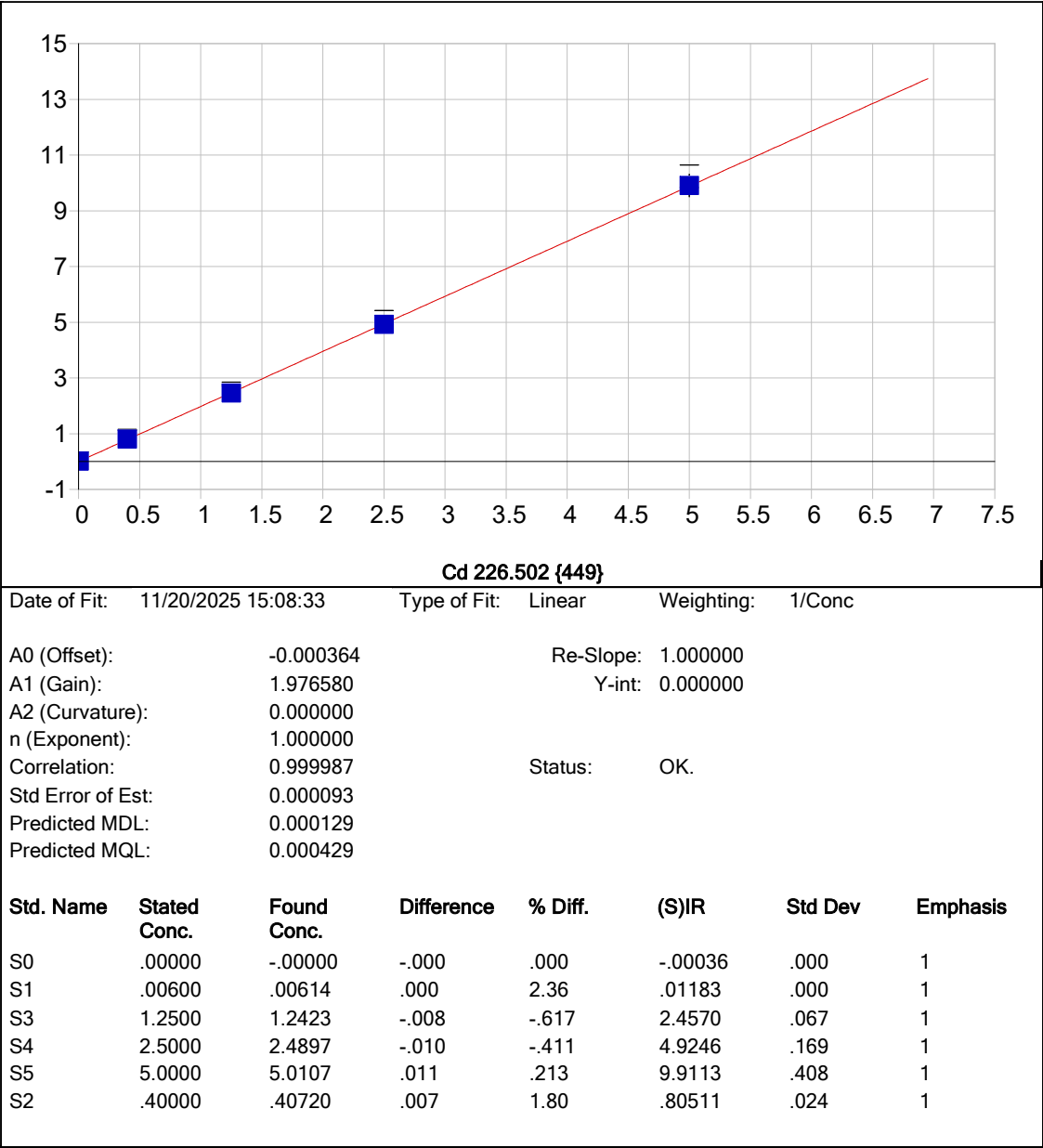
Date of Fit: 11/20/2025 15:08:33		Type of Fit: Linear	Weighting: 1/Conc
A0 (Offset):	0.000849	Re-Slope:	1.000000
A1 (Gain):	0.071828	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.003078		
Predicted MQL:	0.010259		

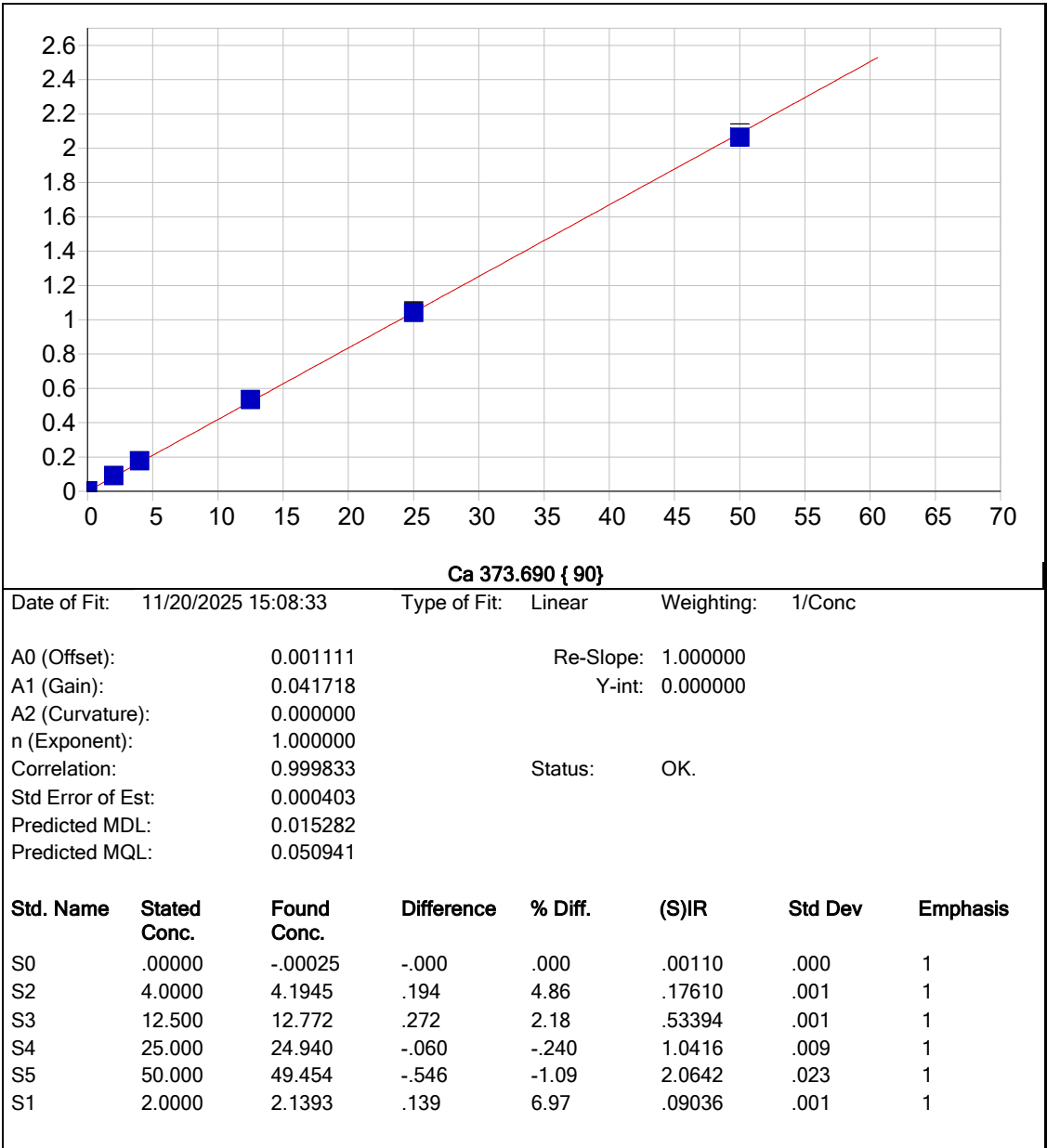
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00085	.000	1
S1	.05000	.05119	.001	2.39	.00453	.000	1
S3	2.5000	2.5110	.011	.439	.18170	.005	1
S4	5.0000	5.0137	.014	.274	.36195	.013	1
S5	10.000	9.9463	-.054	-.537	.71723	.030	1
S2	.80000	.82782	.028	3.48	.06047	.002	1

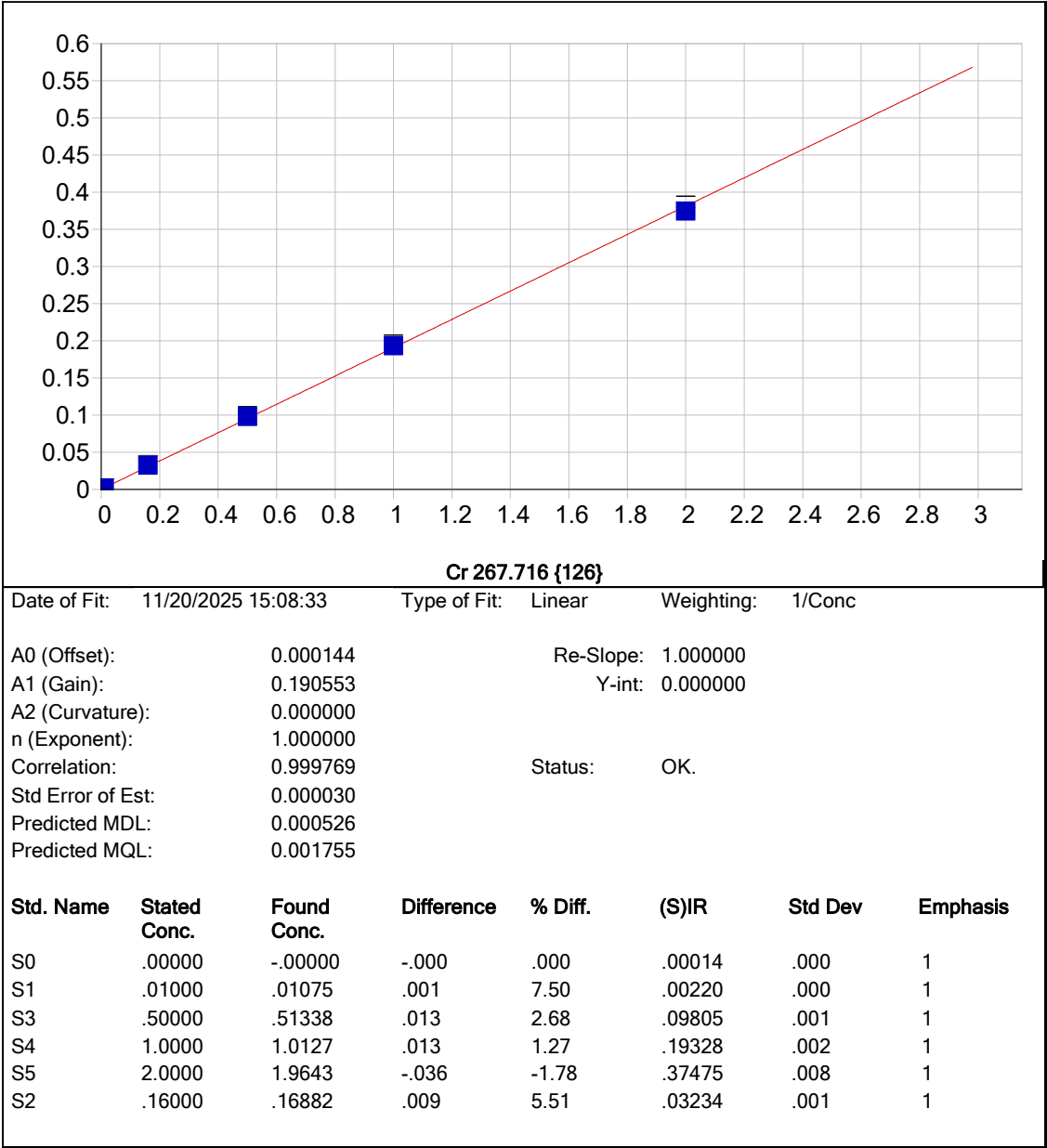


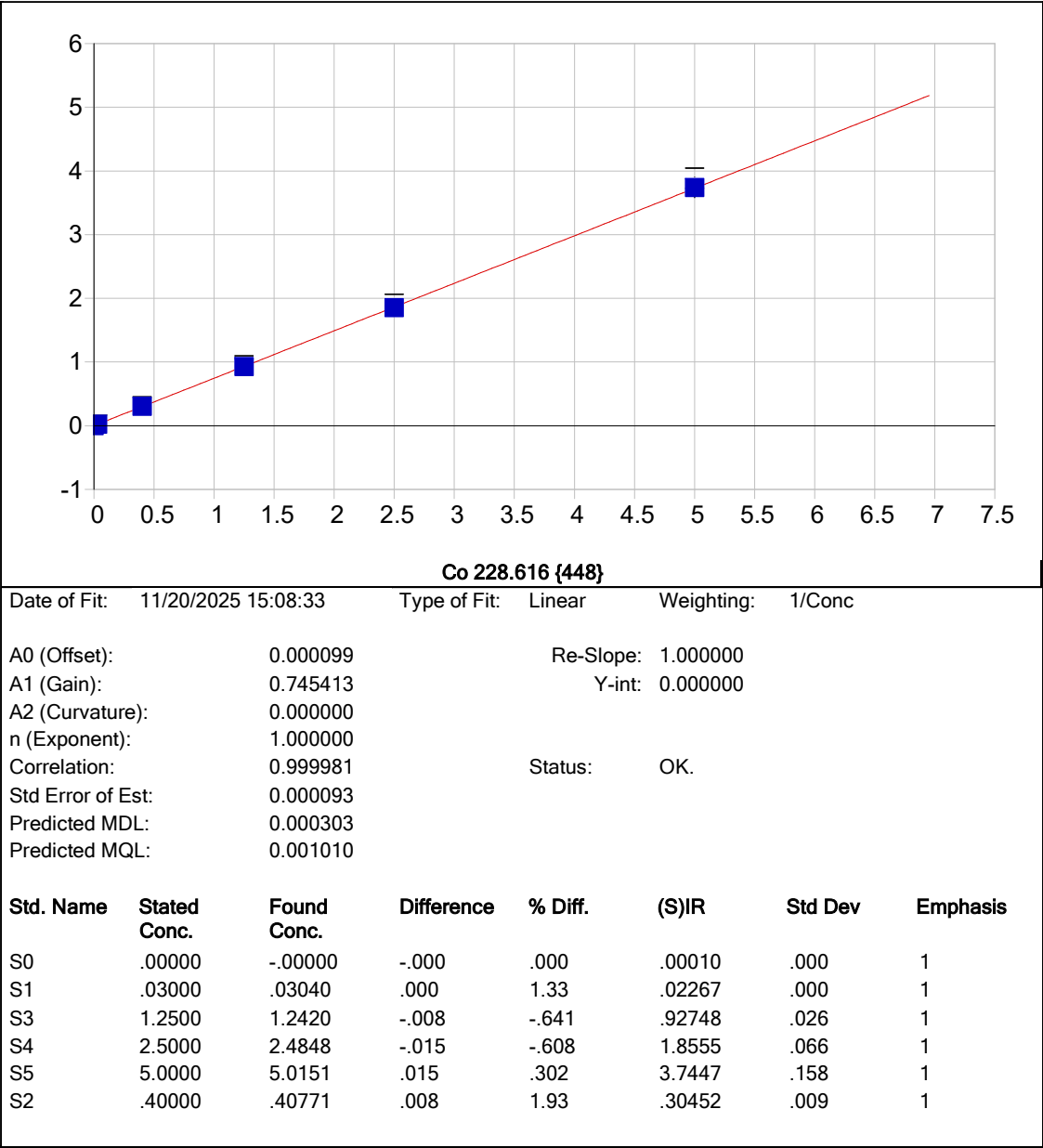


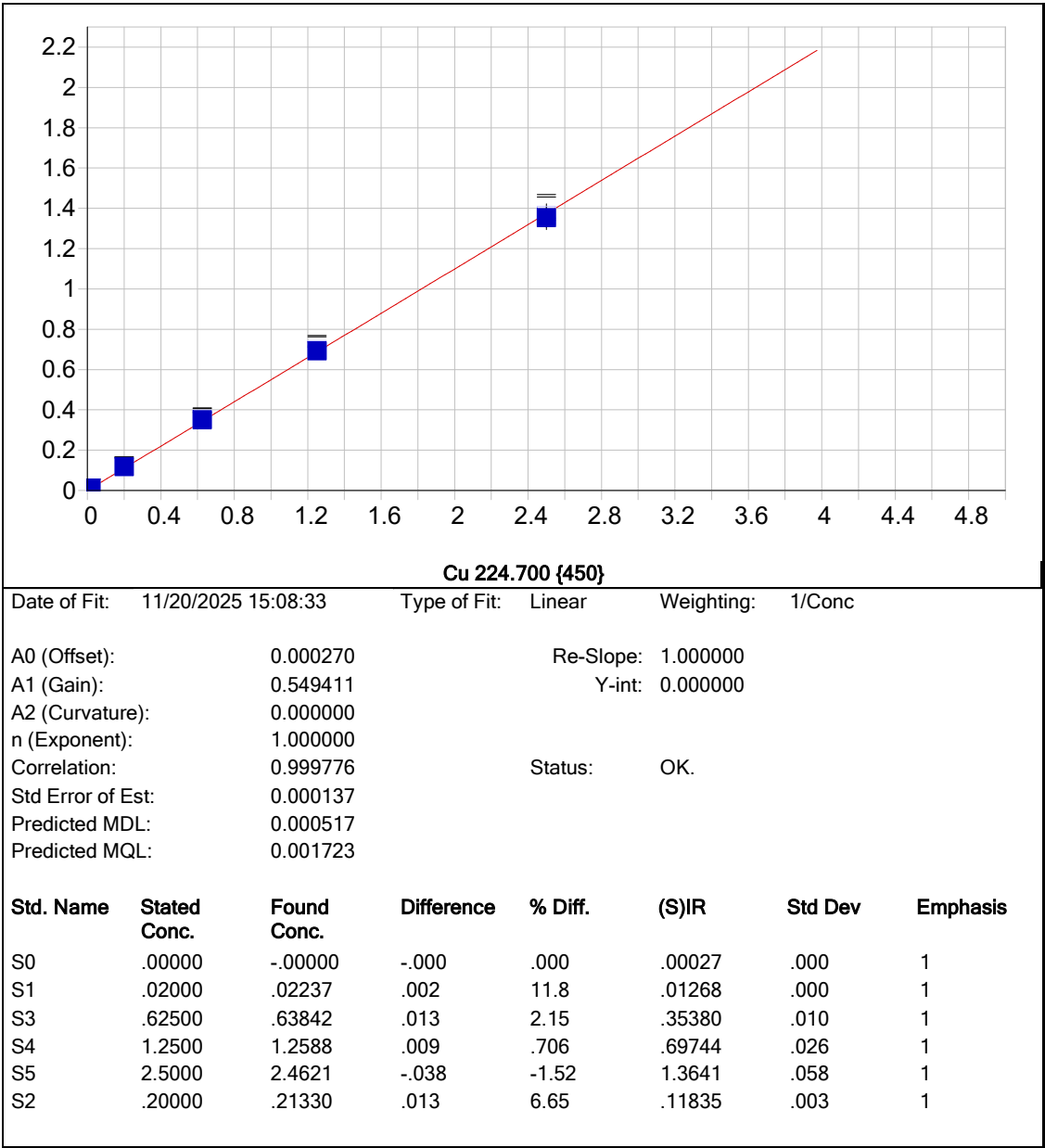


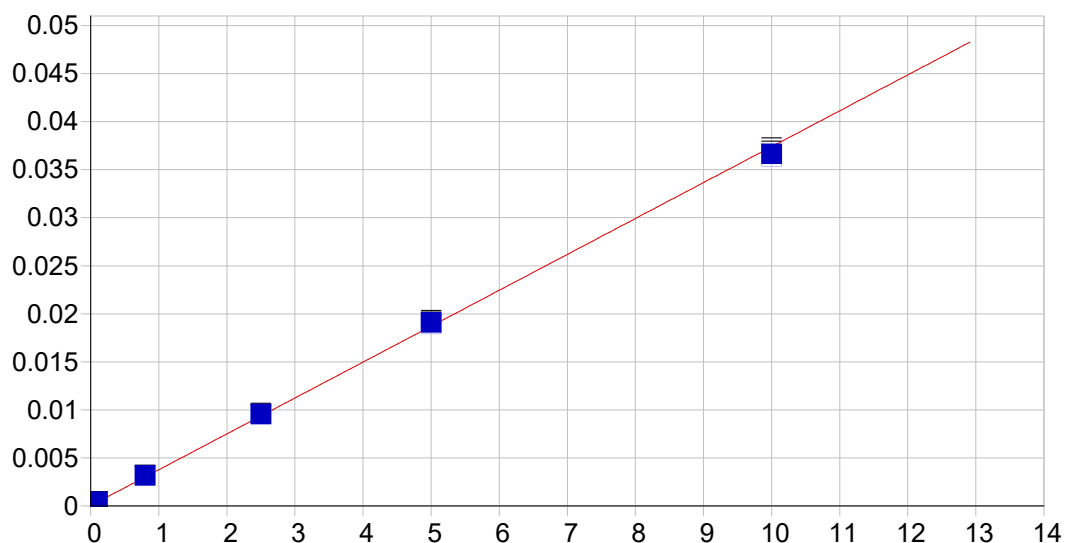












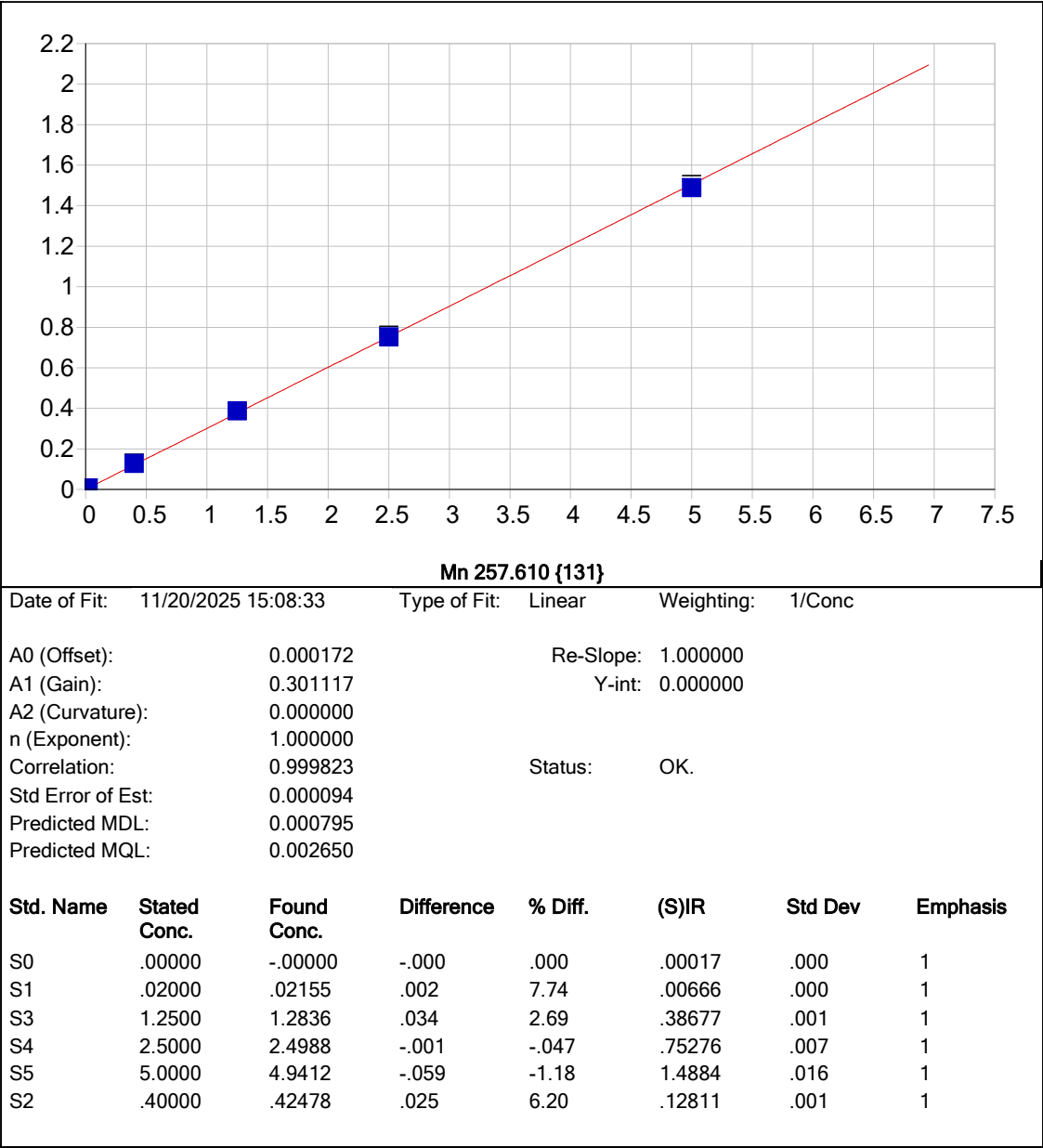
Fe 240.488 {140}

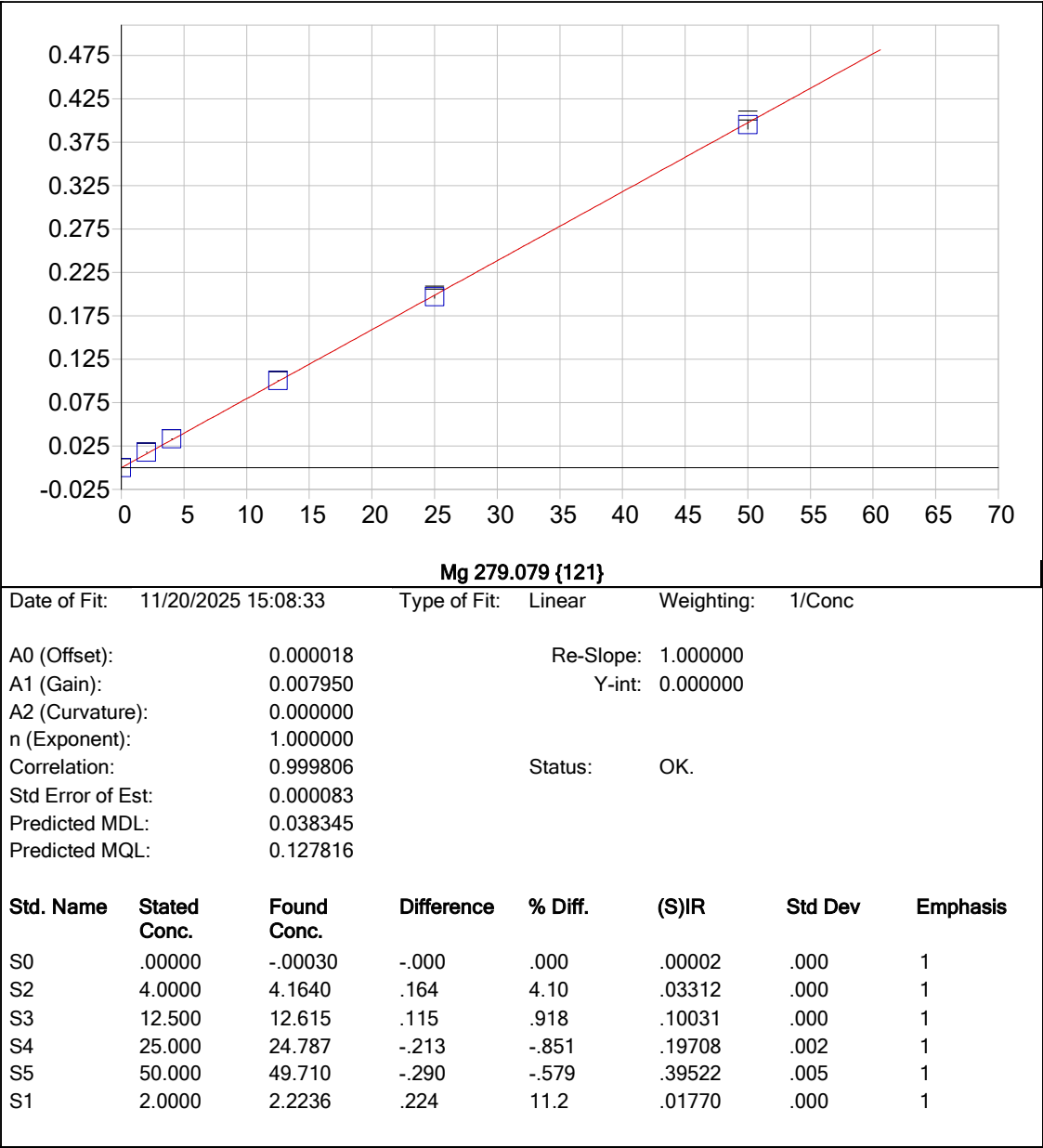
Date of Fit:	11/20/2025 15:08:33	Type of Fit:	Linear	Weighting:	1/Conc
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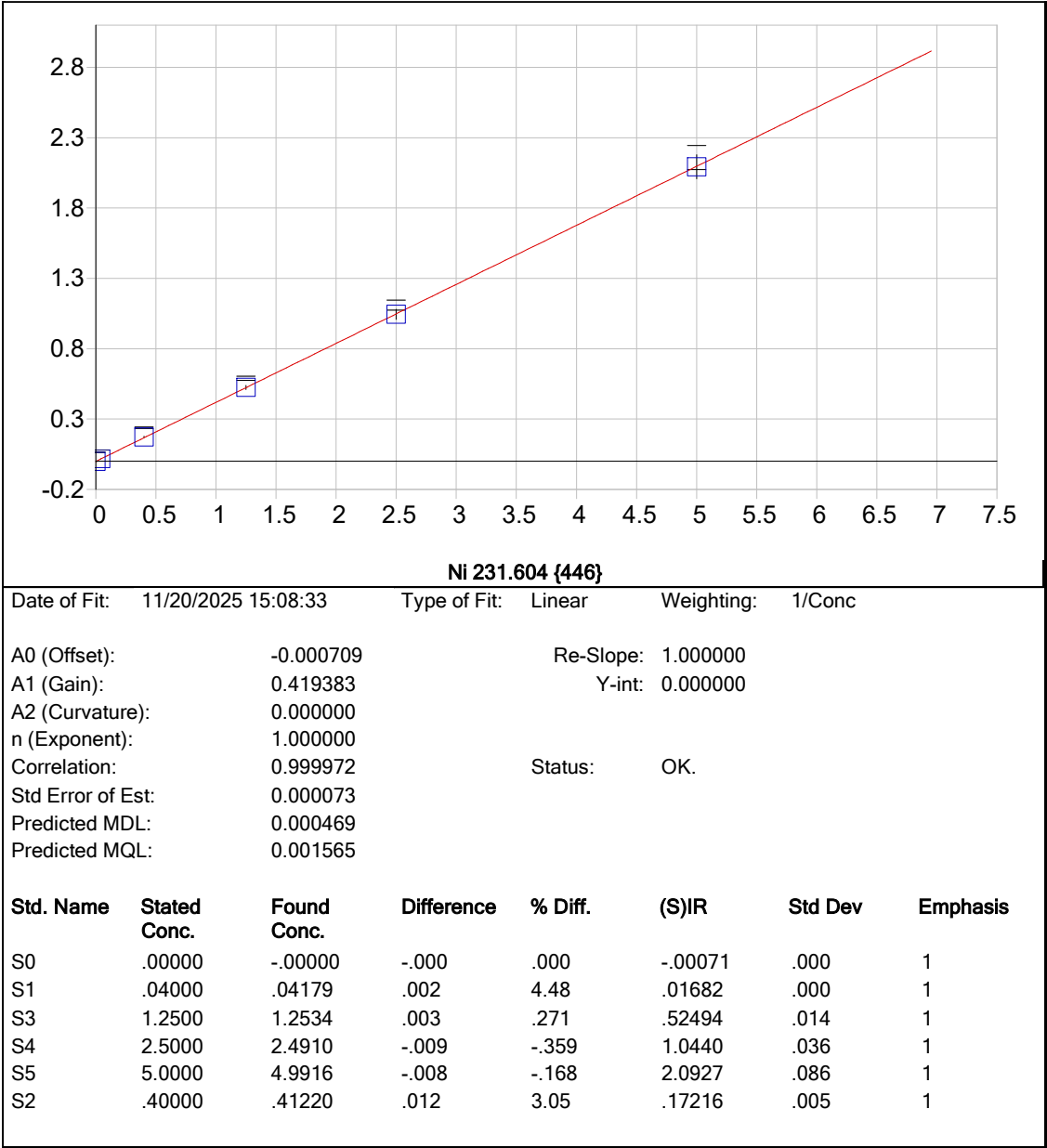
A0 (Offset):	0.000023	Re-Slope:	1.000000
A1 (Gain):	0.003737	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999747	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.007843		
Predicted MQL:	0.026142		

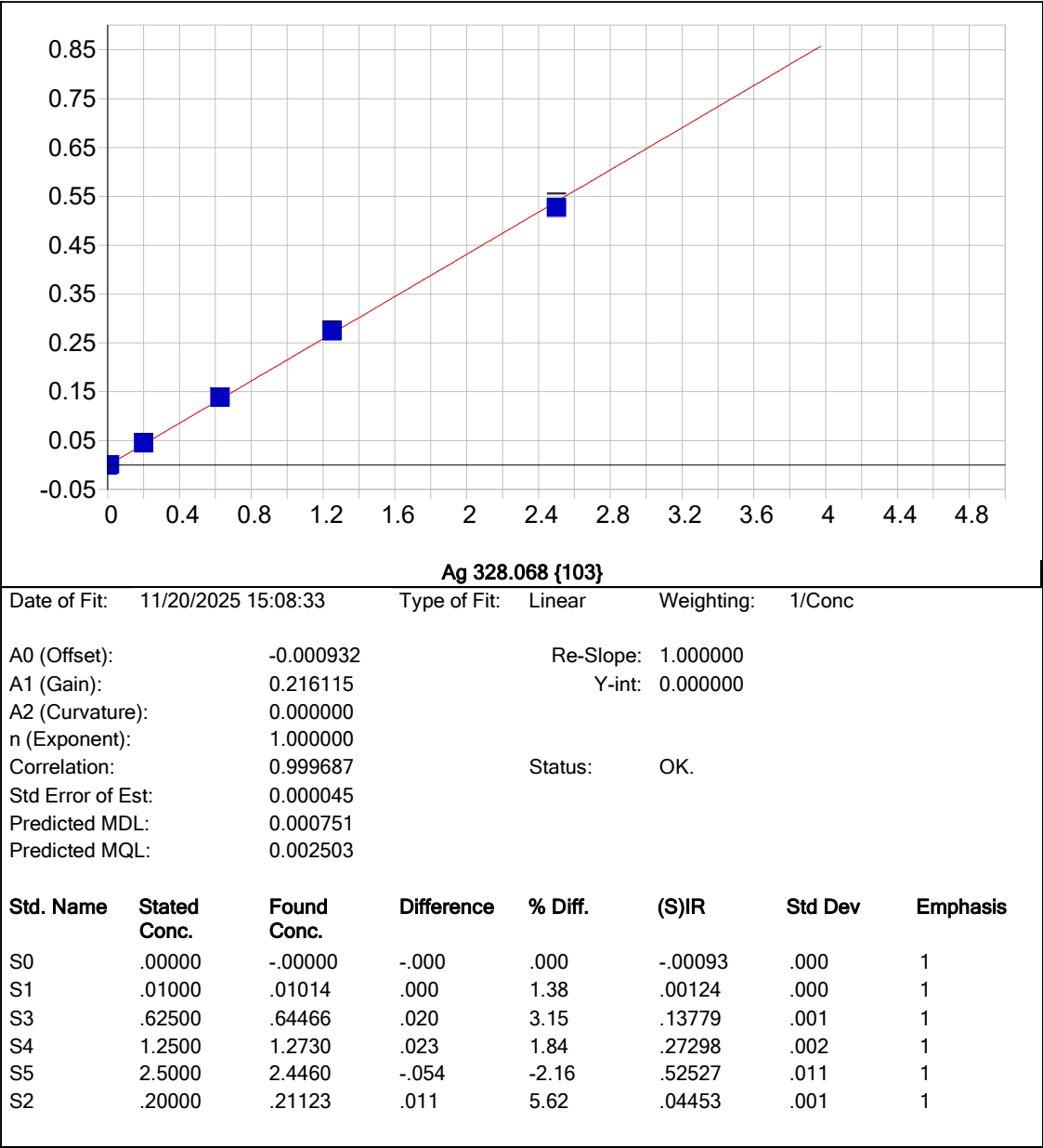
Status: OK.

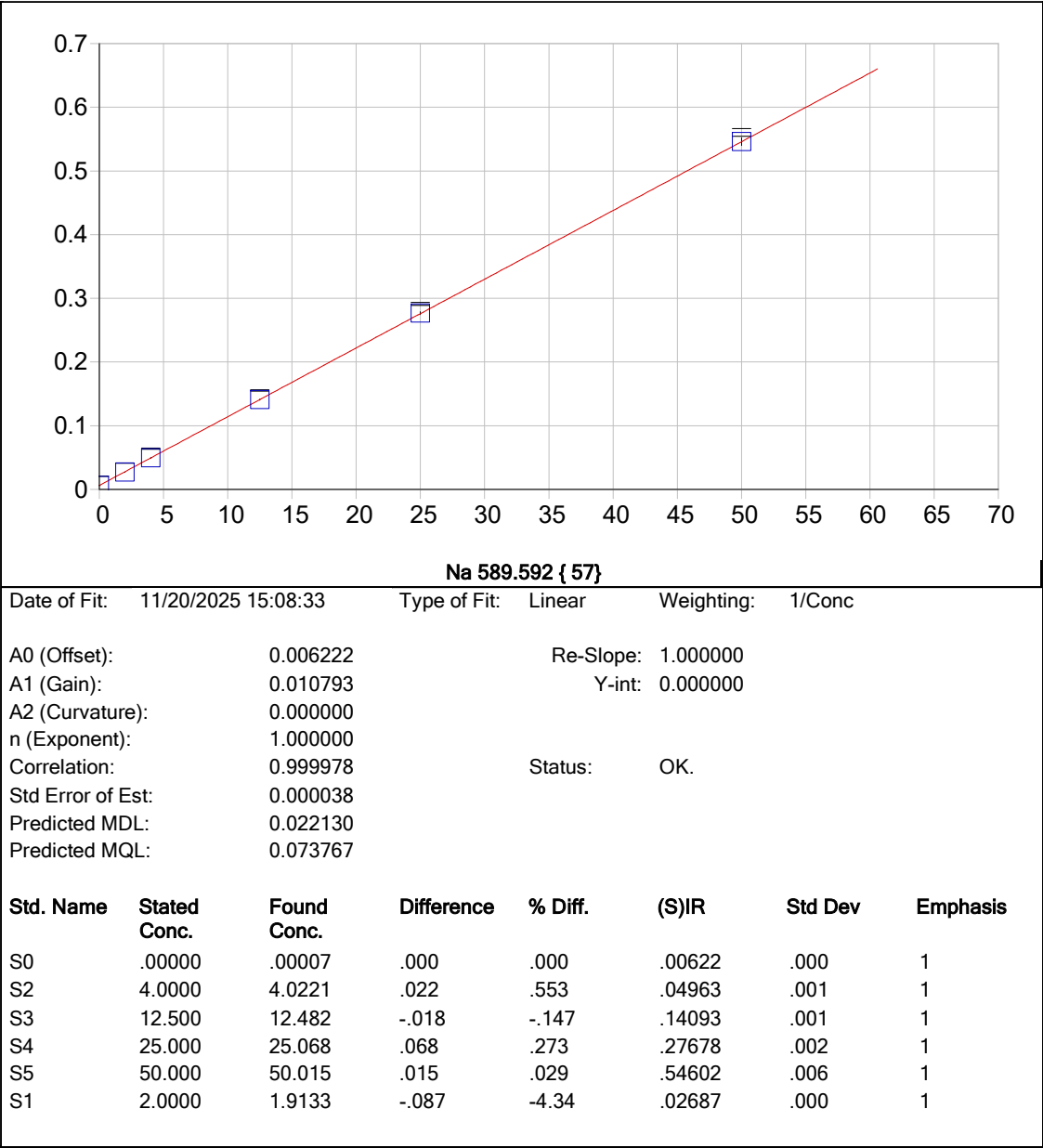
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.10538	.005	5.38	.00041	.000	1
S3	2.5000	2.5535	.054	2.14	.00949	.000	1
S4	5.0000	5.0991	.099	1.98	.01892	.000	1
S5	10.000	9.8032	-.197	-1.97	.03634	.001	1
S2	.80000	.83879	.039	4.85	.00313	.000	1

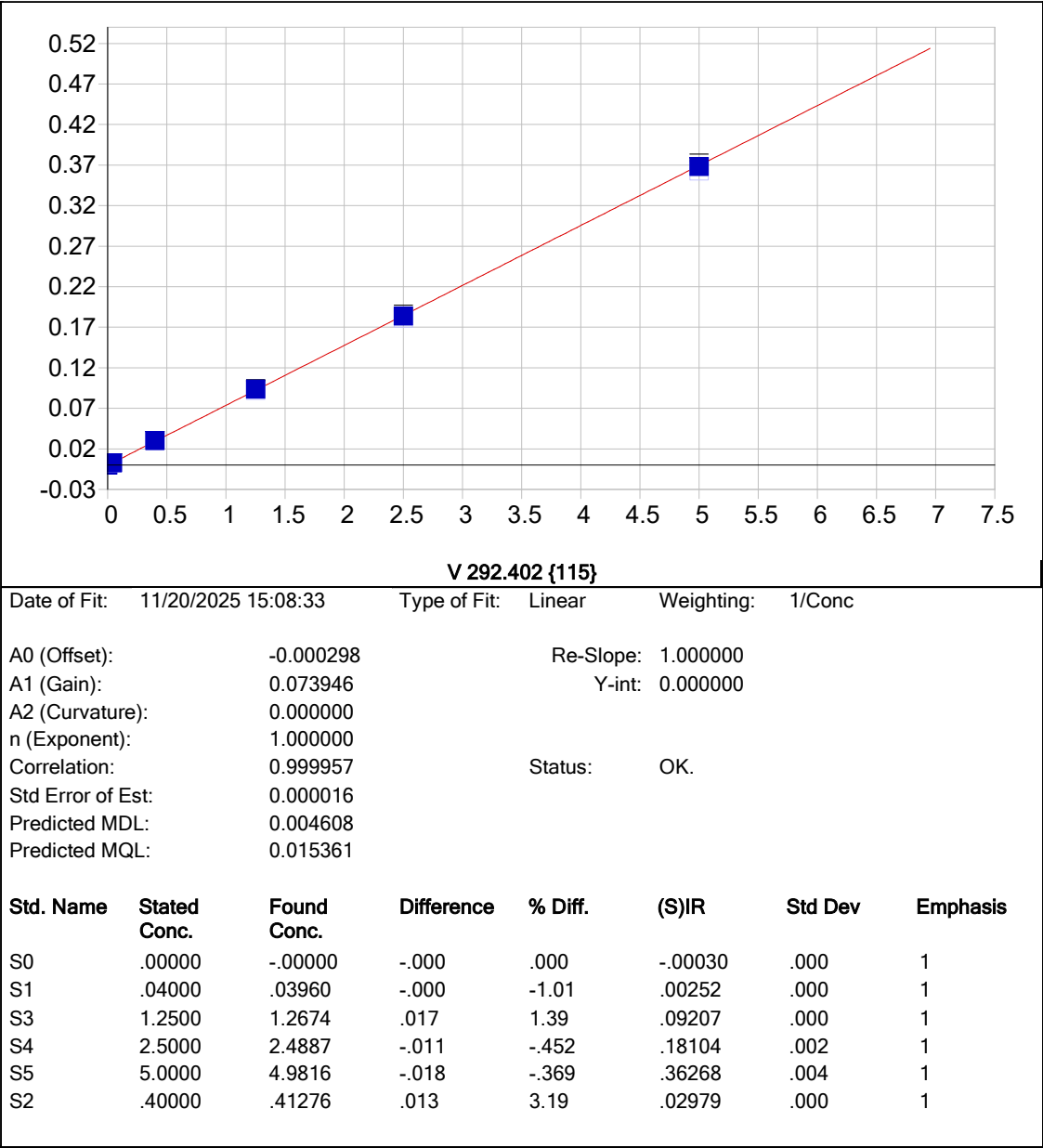


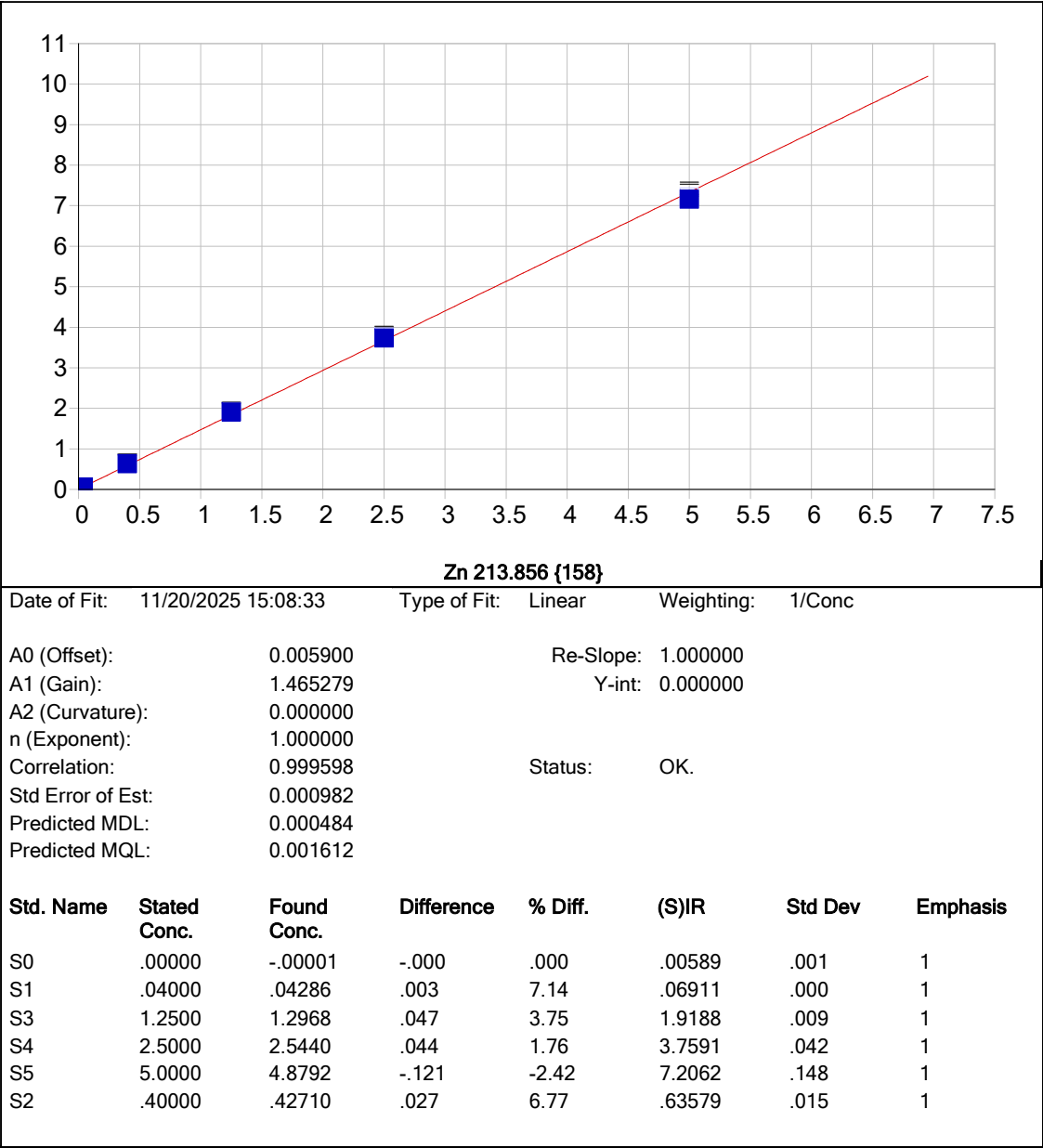


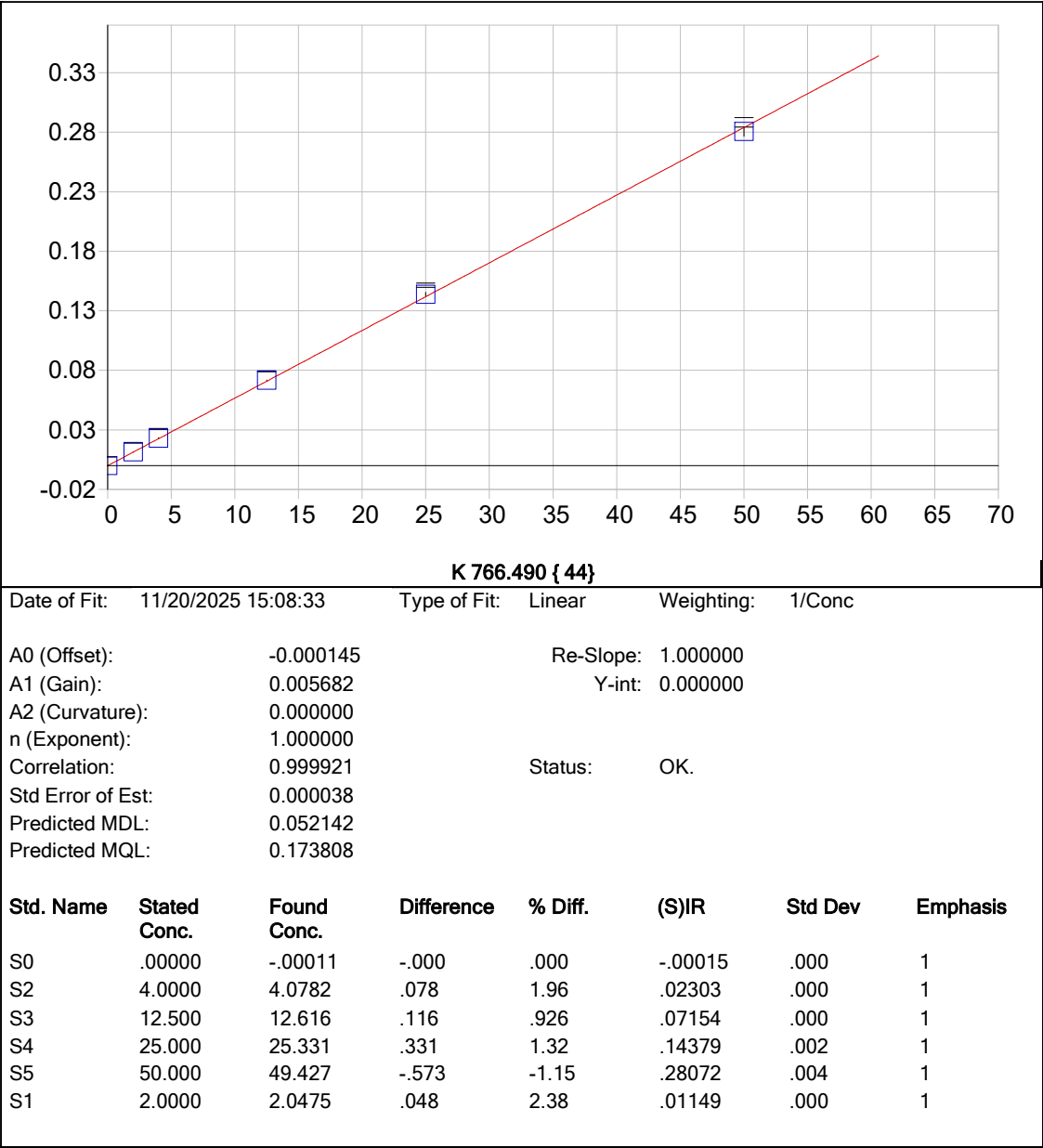


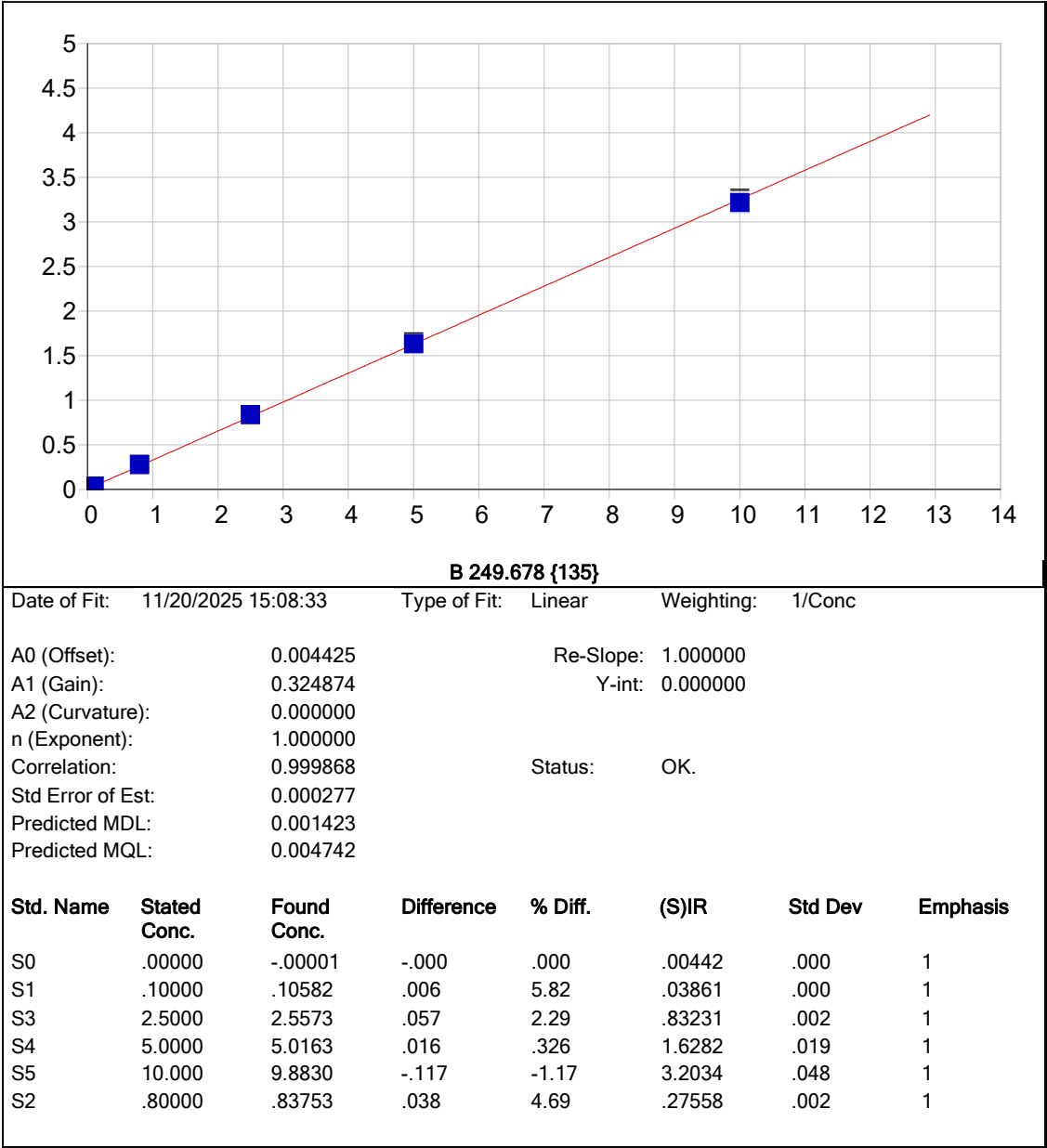


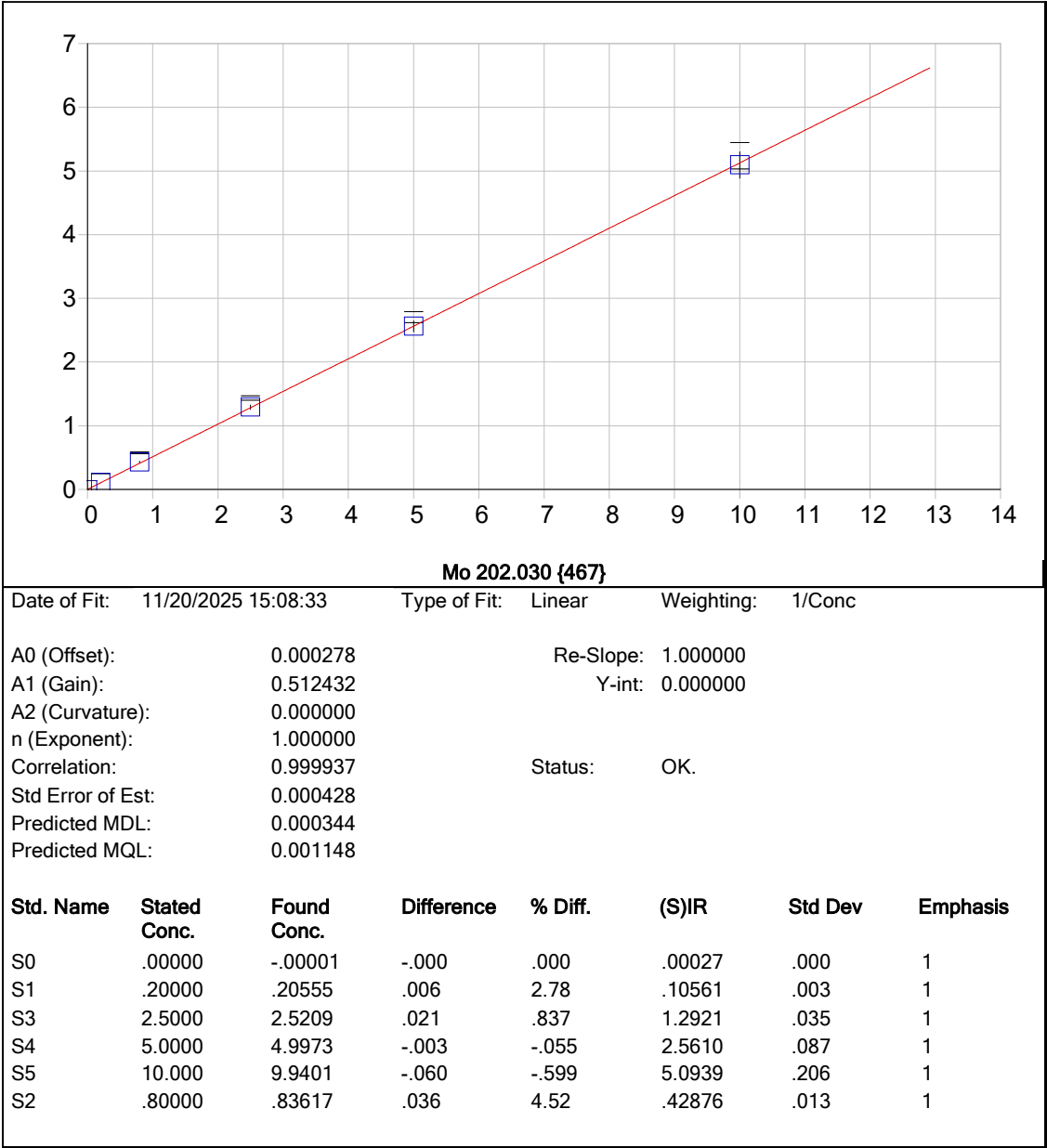


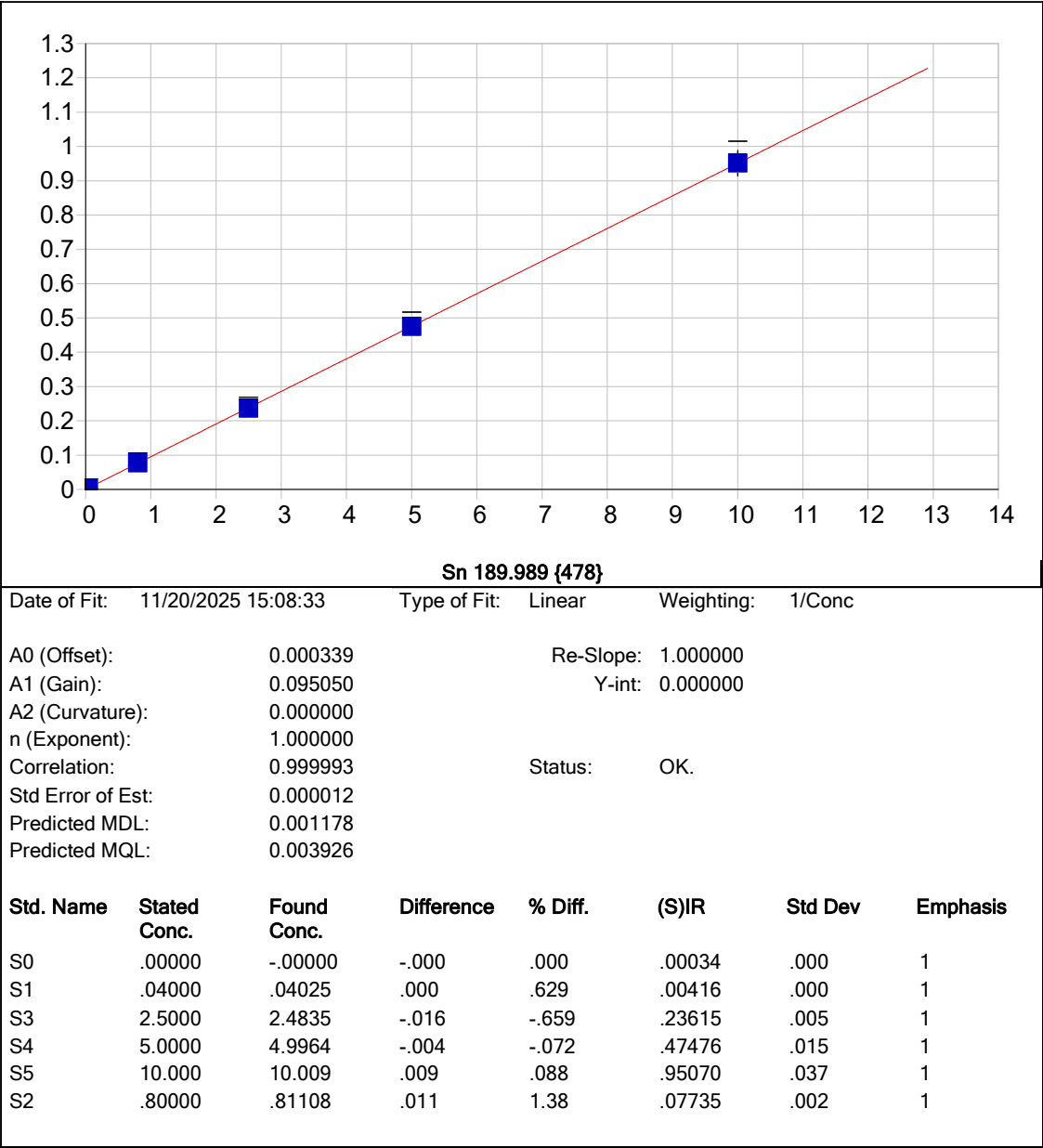


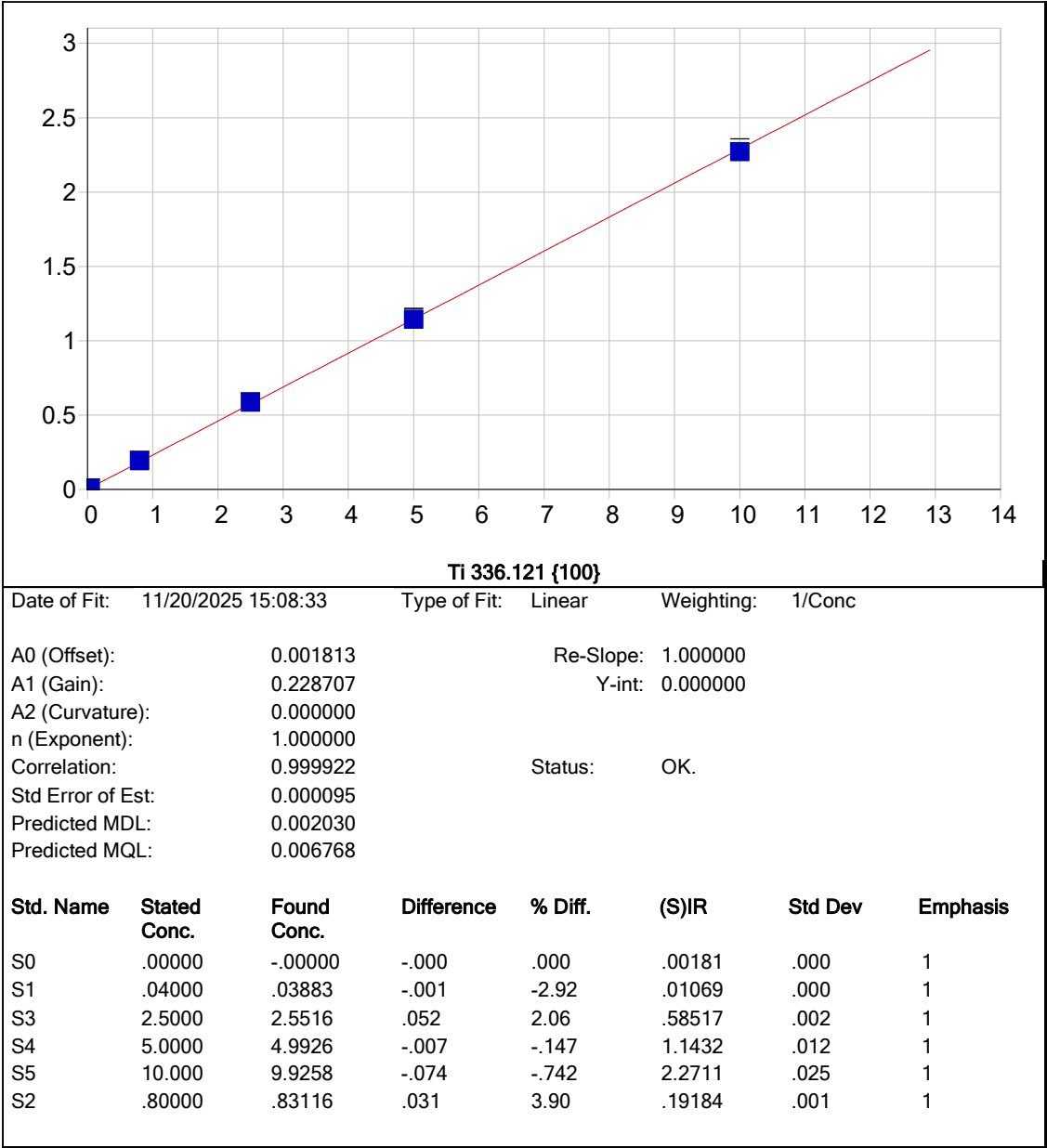


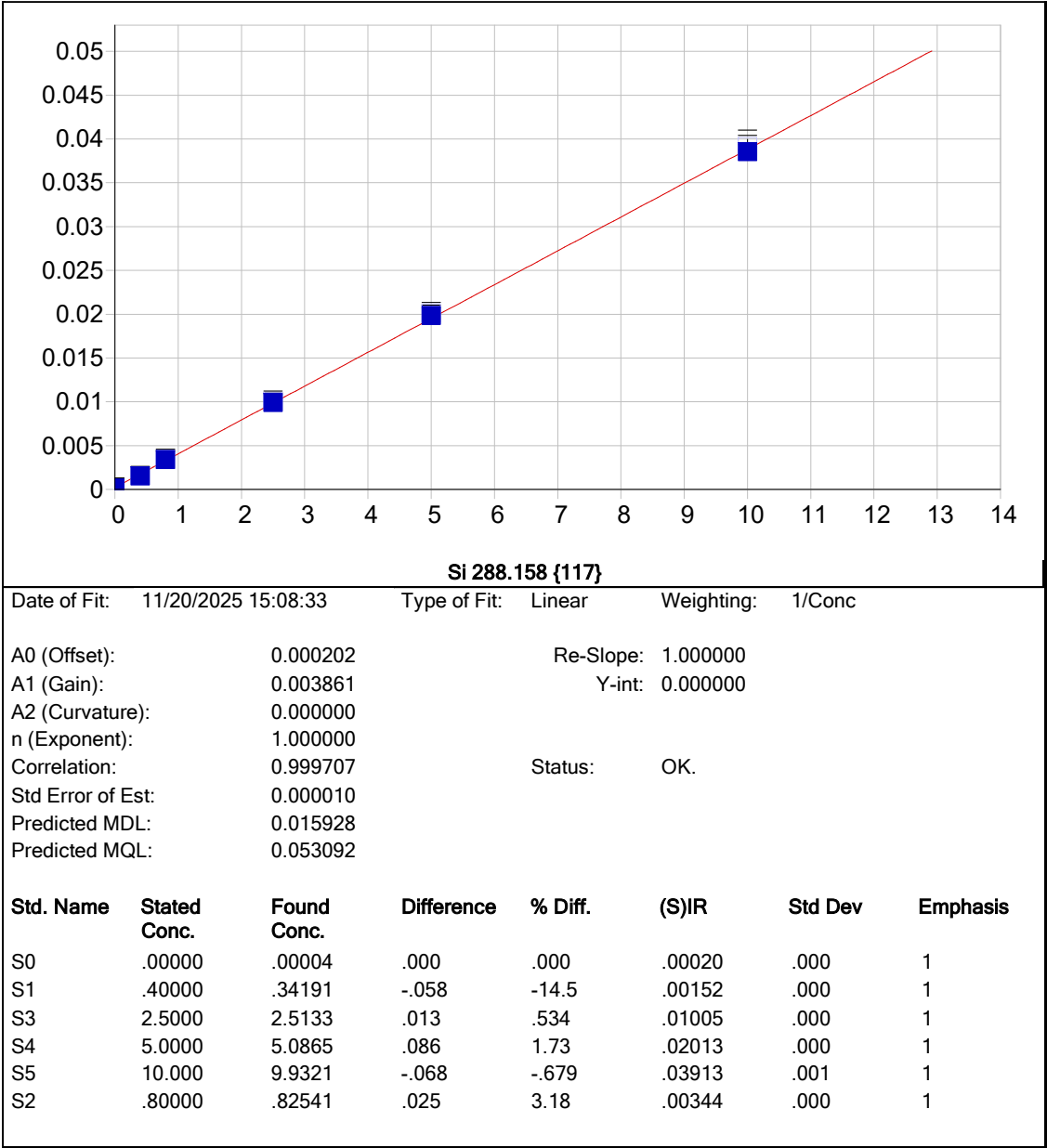


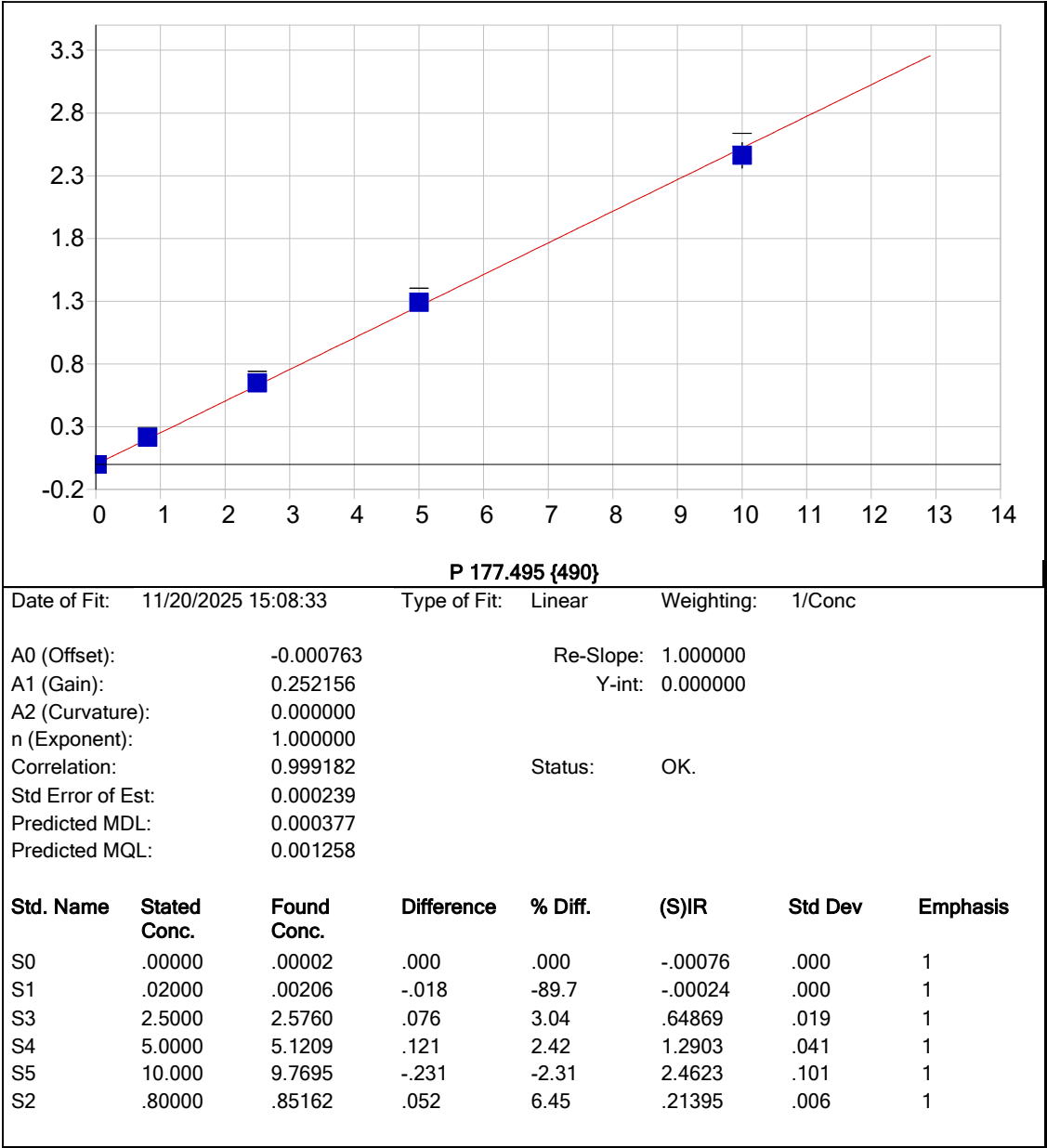


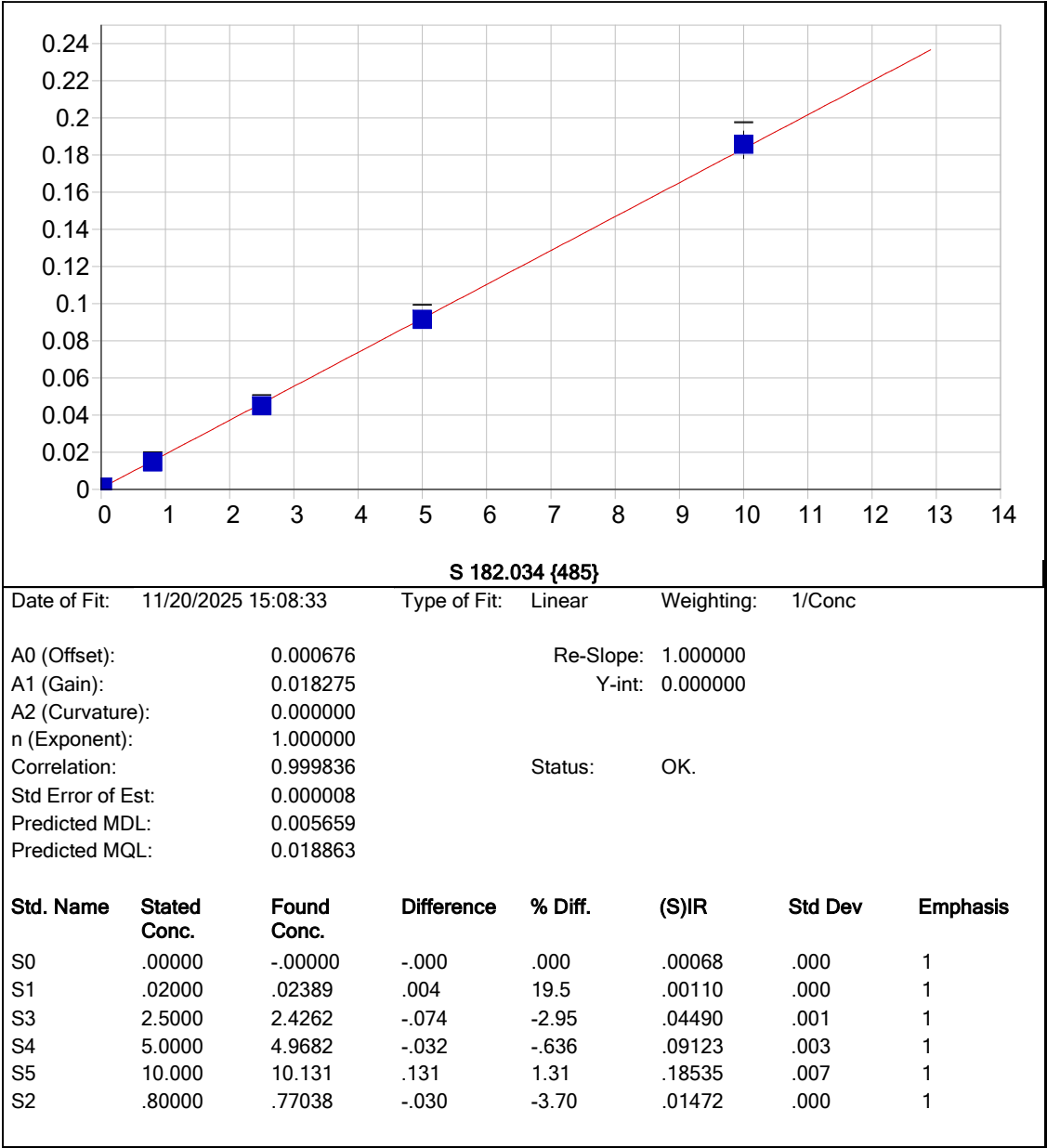


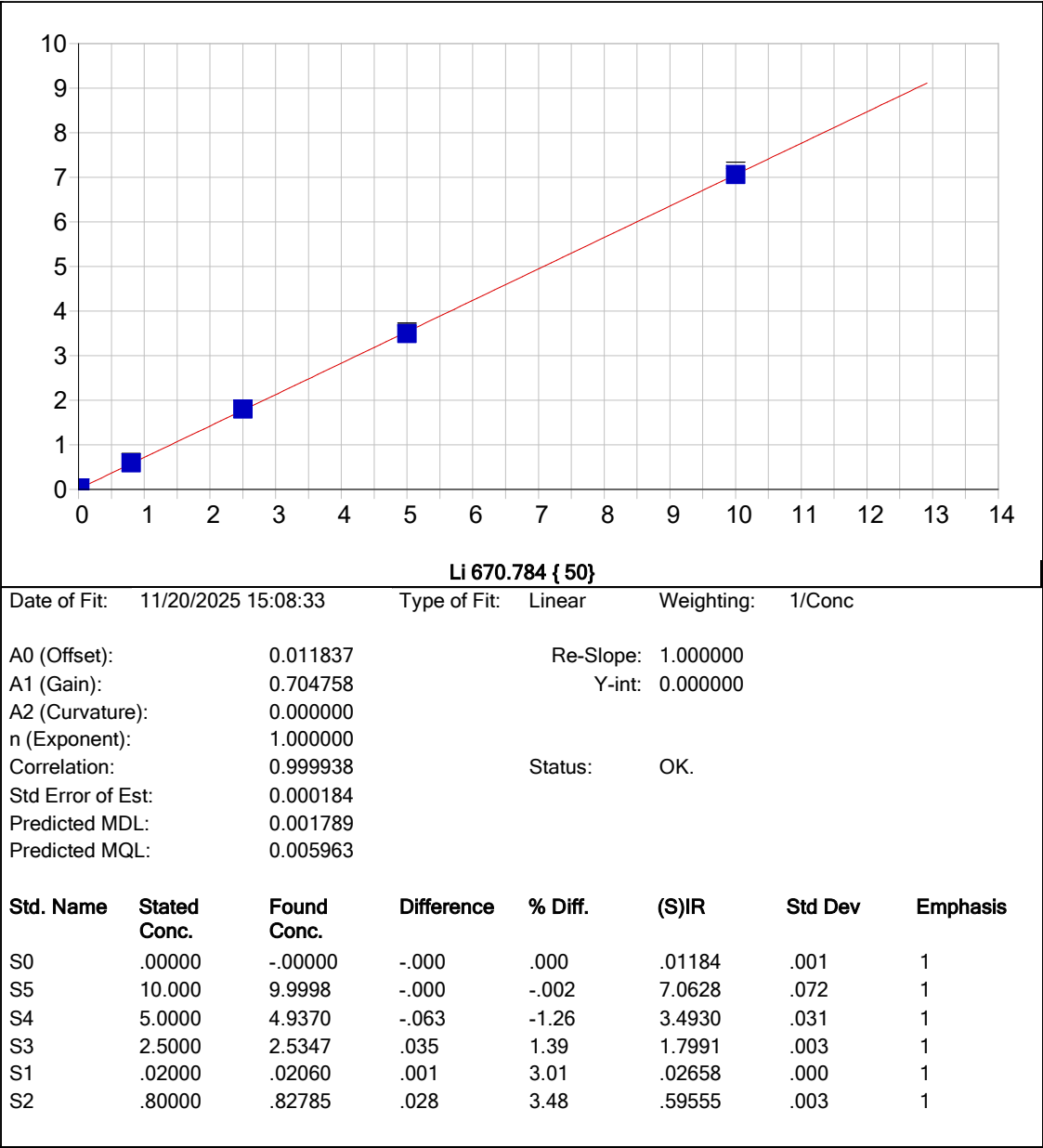


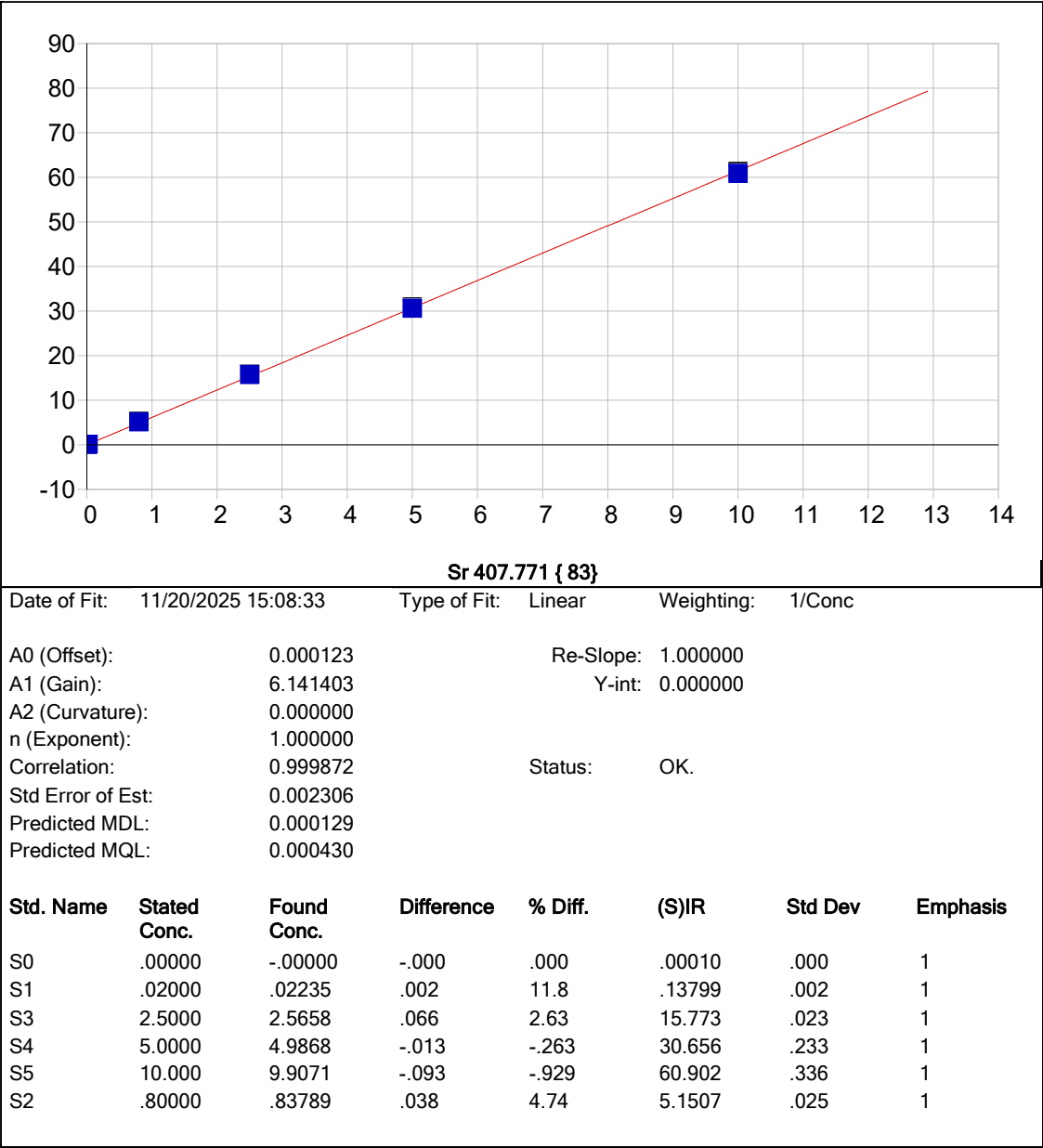


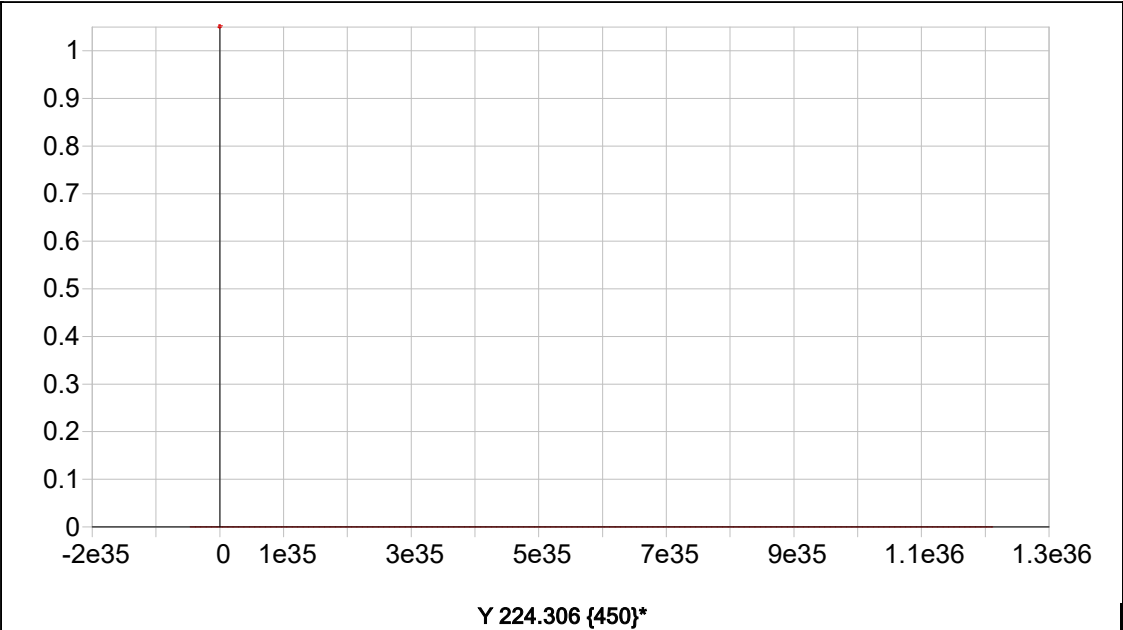






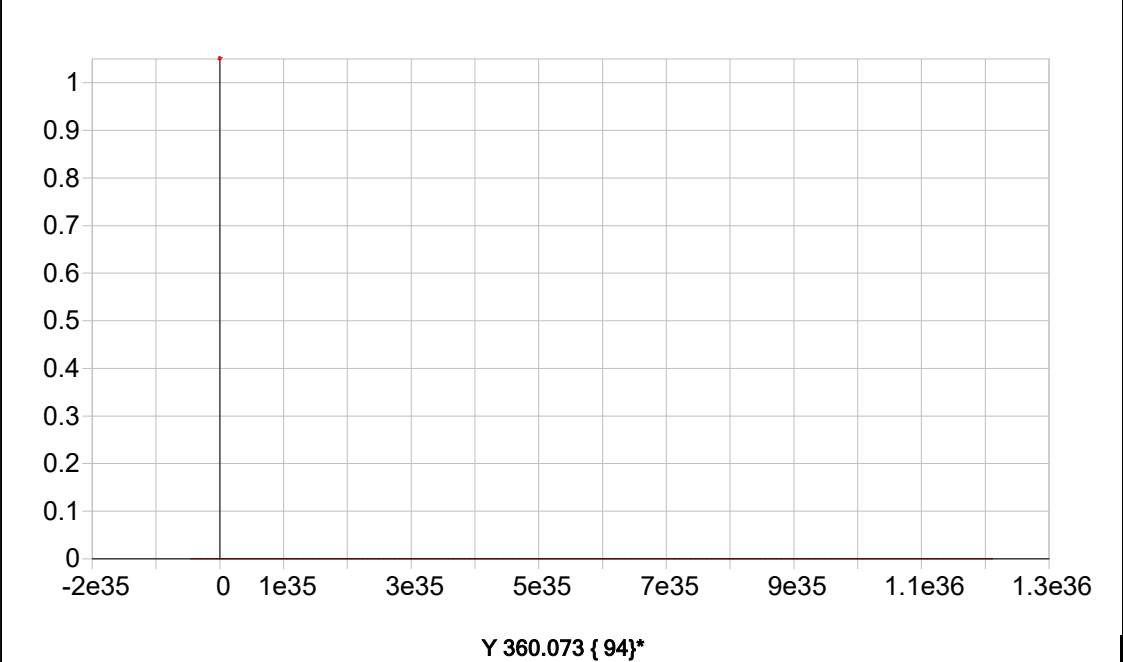




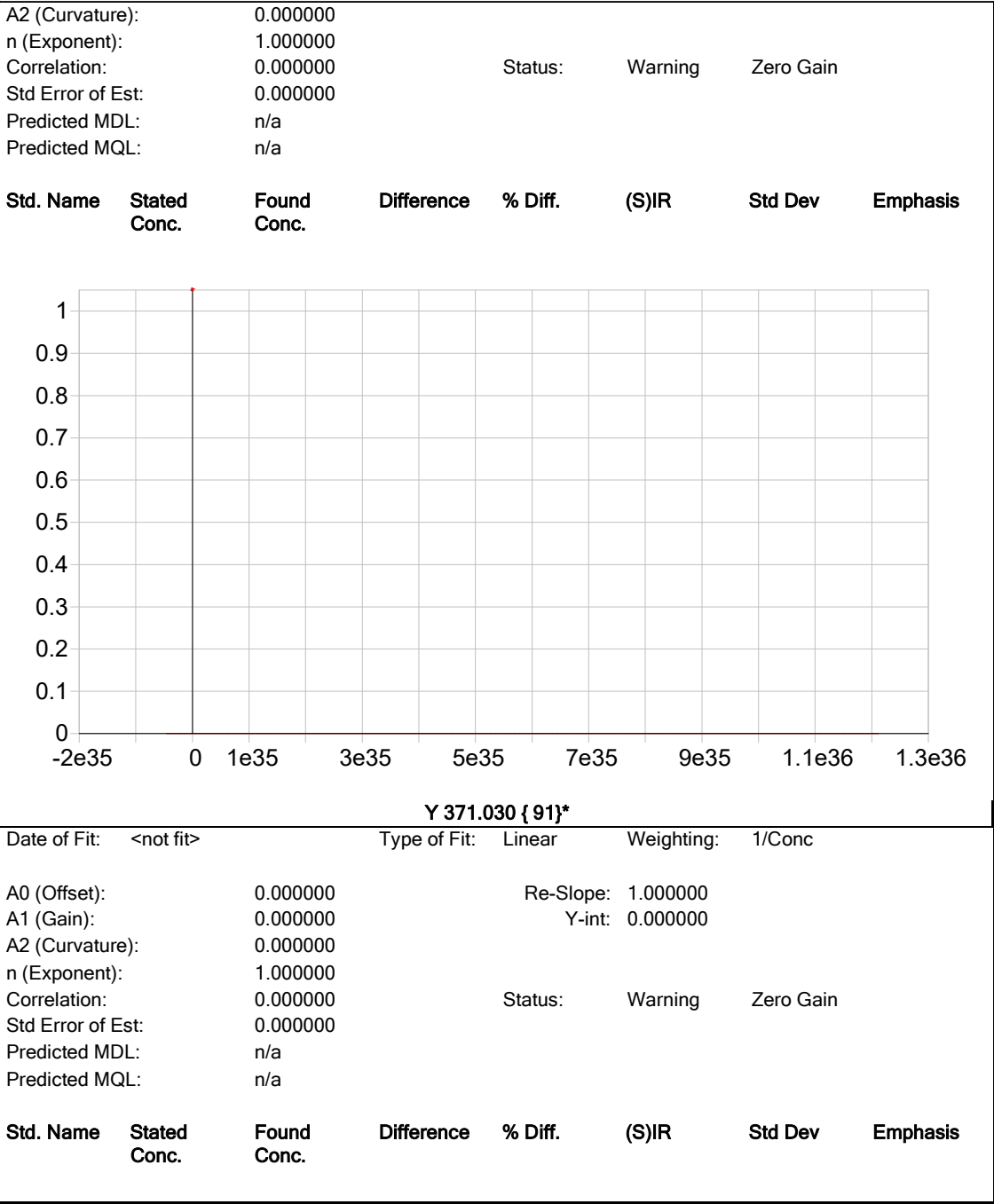


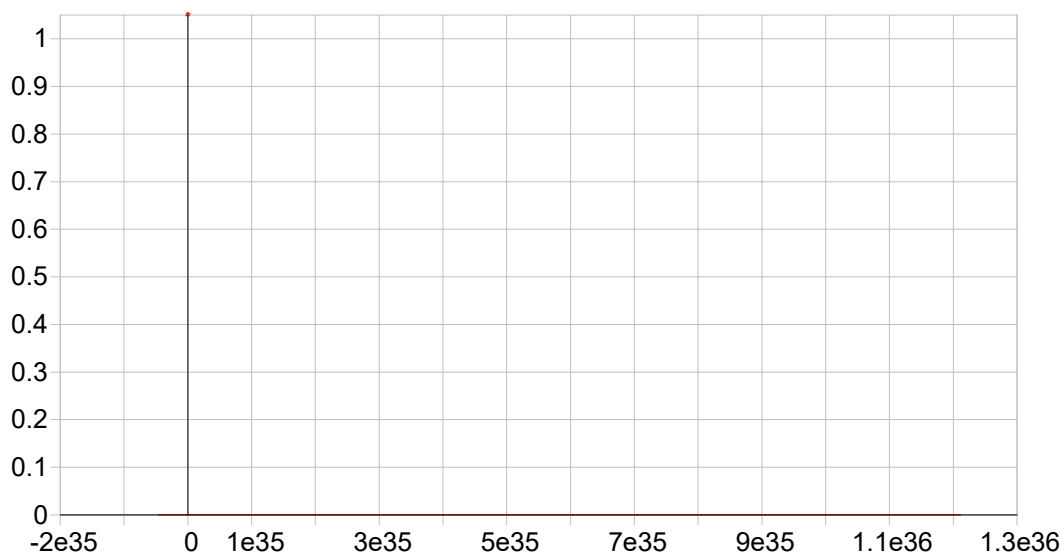
Date of Fit:	11/20/2025 15:08:33	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	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		



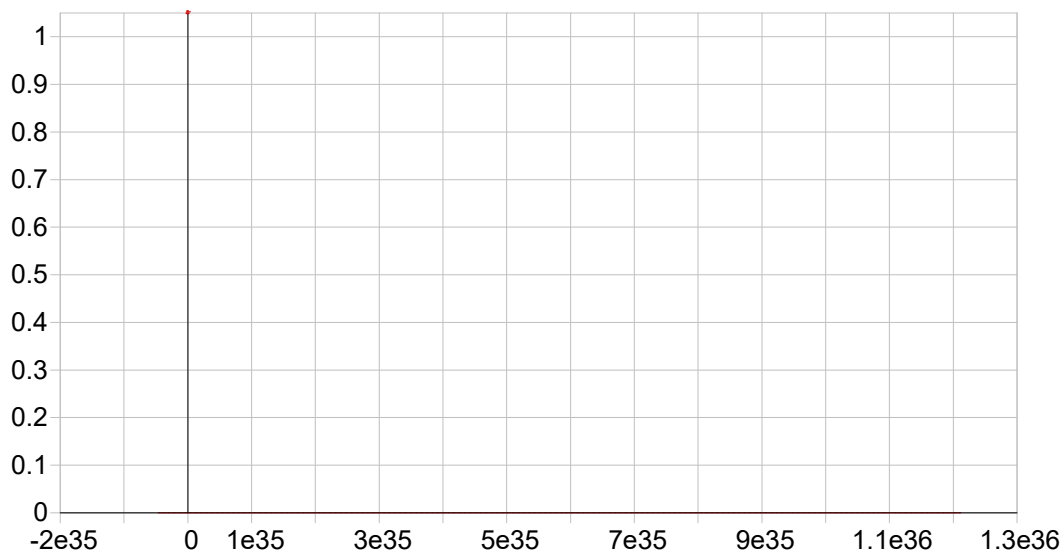


Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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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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In 230.606 {446}^{*}

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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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: 11/20/2025 12:47:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00006	.00033	.00012	.00056	.00085	-.00053	.02274	-.00228
Stddev	.00014	.00001	.00014	.00016	.00008	.00040	.00082	.00042
%RSD	216.18	3.0403	117.34	28.930	8.8399	75.945	3.6150	18.348

#1	-.00005	.00033	-.00004	.00074	.00093	-.00057	.02352	-.00189
#2	.00006	.00034	.00018	.00049	.00079	-.00011	.02281	-.00272
#3	-.00021	.00032	.00022	.00044	.00082	-.00090	.02188	-.00224

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	-.00036	.00110	.00014	.00010	.00027	.00002	.00017	.00002
Stddev	.00017	.00048	.00005	.00017	.00018	.00001	.00010	.00033
%RSD	45.810	43.784	35.598	176.73	67.011	64.267	55.792	2142.3

#1	-.00055	.00159	.00009	-.00005	.00012	.00002	.00015	-.00014
#2	-.00031	.00062	.00019	.00029	.00047	.00001	.00028	.00040
#3	-.00024	.00109	.00016	.00006	.00021	.00004	.00009	-.00021

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	-.00071	-.00093	.00622	-.00030	.00589	-.00015	.00442	.00027
Stddev	.00016	.00005	.00025	.00033	.00066	.00027	.00011	.00010
%RSD	22.483	5.4508	4.0182	111.37	11.257	185.26	2.4753	36.037

#1	-.00055	-.00097	.00594	-.00038	.00579	-.00014	.00439	.00024
#2	-.00072	-.00096	.00633	-.00058	.00528	-.00042	.00433	.00038
#3	-.00086	-.00087	.00640	.00007	.00660	.00012	.00454	.00019

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	.00034	.00181	.00020	-.00076	.00068	.01184	.00010
Stddev	.00003	.00034	.00007	.00011	.00015	.00114	.00050
%RSD	9.3415	19.009	33.861	14.498	22.091	9.6311	495.70

#1	.00034	.00148	.00013	-.00065	.00050	.01290	.00048
#2	.00031	.00217	.00020	-.00076	.00074	.01197	-.00047
#3	.00037	.00178	.00027	-.00087	.00078	.01063	.00029

Sample Name: S0 Acquired: 11/20/2025 12:47:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3600.4	52437.	8535.4	2754.7	4971.6
Stddev	52.4	219.	99.9	9.8	74.7
%RSD	1.4555	.41774	1.1710	.35609	1.5031
#1	3626.8	52373.	8463.6	2750.0	5006.0
#2	3634.5	52681.	8493.1	2766.0	5022.9
#3	3540.1	52257.	8649.5	2748.2	4885.9

Sample Name: S1 Acquired: 11/20/2025 12:51:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.00083	.00145	.00160	.00104	.00453	.00822	.17924	.03325
Stddev	.00008	.00006	.00024	.00016	.00009	.00036	.00258	.00049
%RSD	9.2100	4.4053	15.089	15.652	2.0801	4.4186	1.4382	1.4692

#1	.00084	.00141	.00171	.00122	.00444	.00853	.18134	.03331
#2	.00075	.00142	.00132	.00094	.00463	.00832	.18002	.03274
#3	.00091	.00153	.00175	.00095	.00453	.00782	.17636	.03371

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	.01183	.09036	.00220	.02267	.01268	.00041	.00666	.01770
Stddev	.00024	.00051	.00004	.00046	.00047	.00000	.00008	.00005
%RSD	2.0584	.55907	1.8791	2.0279	3.6818	1.0050	1.1804	.28266

#1	.01171	.09060	.00221	.02221	.01231	.00041	.00660	.01769
#2	.01166	.09070	.00223	.02266	.01252	.00041	.00675	.01765
#3	.01211	.08978	.00215	.02313	.01320	.00041	.00664	.01775

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	.01682	.00124	.02687	.00252	.06911	.01149	.03861	.10561
Stddev	.00048	.00016	.00040	.00012	.00024	.00022	.00032	.00261
%RSD	2.8252	13.164	1.4773	4.7382	.34599	1.9039	.83159	2.4675

#1	.01650	.00117	.02677	.00257	.06935	.01124	.03873	.10394
#2	.01660	.00113	.02731	.00261	.06911	.01162	.03886	.10427
#3	.01736	.00143	.02654	.00238	.06887	.01162	.03825	.10861

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	.00416	.01069	.00152	-.00024	.00110	.02658	.13799
Stddev	.00006	.00019	.00005	.00007	.00013	.00047	.00176
%RSD	1.4037	1.7891	2.9583	30.502	11.694	1.7828	1.2746

#1	.00420	.01074	.00151	-.00031	.00121	.02674	.13878
#2	.00409	.01085	.00158	-.00024	.00113	.02605	.13921
#3	.00419	.01048	.00149	-.00016	.00096	.02695	.13597

Sample Name: S1 Acquired: 11/20/2025 12:51:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3620.8	53203.	8685.9	2775.7	4991.6
Stddev	65.8	276.	73.1	21.9	89.1
%RSD	1.8186	.51788	.84132	.78744	1.7859
#1	3650.6	53421.	8602.0	2800.9	5034.0
#2	3666.4	52893.	8720.9	2763.4	5051.7
#3	3545.3	53295.	8735.0	2762.7	4889.2

Sample Name: S2 Acquired: 11/20/2025 12:55:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.02991	.02534	.10747	.02347	.06047	.10860	2.4706	.22456
Stddev	.00094	.00091	.00292	.00084	.00207	.00054	.0096	.00135
%RSD	3.1392	3.6100	2.7139	3.5685	3.4179	.50107	.38829	.60026

#1	.02949	.02480	.10591	.02315	.05977	.10913	2.4816	.22301
#2	.02924	.02483	.10566	.02284	.05884	.10804	2.4662	.22539
#3	.03098	.02640	.11083	.02442	.06279	.10862	2.4641	.22529

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	.80511	.17610	.03234	.30452	.11835	.00313	.12811	.03312
Stddev	.02384	.00054	.00083	.00882	.00339	.00005	.00104	.00005
%RSD	2.9614	.30425	2.5568	2.8959	2.8679	1.6171	.81049	.16302

#1	.79619	.17671	.03139	.30170	.11706	.00308	.12875	.03314
#2	.78701	.17585	.03269	.29746	.11578	.00318	.12866	.03317
#3	.83213	.17573	.03293	.31440	.12219	.00314	.12691	.03306

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	.17216	.04453	.04963	.02979	.63579	.02303	.27558	.42876
Stddev	.00506	.00102	.00095	.00006	.01468	.00040	.00227	.01344
%RSD	2.9405	2.2796	1.9219	.19219	2.3089	1.7522	.82507	3.1355

#1	.17009	.04336	.04857	.02983	.61884	.02259	.27319	.42334
#2	.16846	.04503	.04992	.02982	.64450	.02311	.27772	.41887
#3	.17793	.04519	.05041	.02973	.64403	.02339	.27583	.44407

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	.07735	.19184	.00344	.21395	.01472	.59555	5.1507
Stddev	.00236	.00144	.00009	.00624	.00040	.00319	.0249
%RSD	3.0504	.74924	2.7099	2.9159	2.7222	.53587	.48315

#1	.07625	.19273	.00334	.21137	.01450	.59867	5.1778
#2	.07575	.19261	.00345	.20941	.01447	.59570	5.1454
#3	.08006	.19018	.00352	.22106	.01518	.59229	5.1288

Sample Name: S2 Acquired: 11/20/2025 12:55:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3560.4	51452.	8756.2	2717.9	4816.2
Stddev	89.8	997.	8.5	51.4	118.5
%RSD	2.5216	1.9383	.09730	1.8924	2.4598
#1	3604.4	52588.	8758.7	2775.2	4870.9
#2	3619.6	51044.	8746.7	2702.5	4897.3
#3	3457.1	50723.	8763.2	2675.8	4680.2

Sample Name: S3 Acquired: 11/20/2025 13:00:00 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.09147	.07633	.32603	.07082	.18170	.33036	7.5851	.69040
Stddev	.00237	.00191	.00896	.00182	.00521	.00063	.0111	.00121
%RSD	2.5886	2.5087	2.7496	2.5641	2.8693	.19089	.14657	.17487

#1	.09036	.07852	.32110	.06989	.17944	.32966	7.5825	.69106
#2	.08986	.07548	.32061	.06967	.17799	.33053	7.5973	.68900
#3	.09419	.07498	.33638	.07292	.18766	.33088	7.5755	.69113

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4570	.53394	.09805	.92748	.35380	.00949	.38677	.10031
Stddev	.0673	.00053	.00087	.02624	.01018	.00008	.00088	.00027
%RSD	2.7390	.09876	.88623	2.8293	2.8767	.85641	.22794	.27341

#1	2.4232	.53389	.09711	.91357	.34827	.00940	.38627	.10027
#2	2.4134	.53343	.09882	.91111	.34759	.00949	.38779	.10005
#3	2.5345	.53449	.09821	.95775	.36555	.00956	.38626	.10060

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	.52494	.13779	.14093	.09207	1.9188	.07154	.83231	1.2921
Stddev	.01424	.00075	.00080	.00043	.0087	.00037	.00156	.0355
%RSD	2.7124	.54083	.56645	.46435	.45501	.51890	.18780	2.7470

#1	.51727	.13697	.14005	.09196	1.9115	.07111	.83351	1.2760
#2	.51618	.13797	.14159	.09254	1.9165	.07175	.83288	1.2674
#3	.54137	.13843	.14117	.09171	1.9285	.07176	.83055	1.3328

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	.23615	.58517	.01005	.64869	.04490	1.7991	15.773
Stddev	.00545	.00226	.00014	.01928	.00097	.0033	.023
%RSD	2.3082	.38655	1.3548	2.9721	2.1603	.18563	.14621

#1	.23432	.58339	.00990	.64068	.04453	1.7952	15.771
#2	.23186	.58771	.01015	.63471	.04416	1.8012	15.797
#3	.24229	.58439	.01011	.67069	.04600	1.8008	15.751

Sample Name: S3 Acquired: 11/20/2025 13:00:00 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3558.9	51069.	8773.9	2686.5	4730.8
Stddev	91.6	332.	23.0	20.2	113.4
%RSD	2.5740	.64982	.26266	.75086	2.3959
#1	3603.7	51428.	8786.3	2709.8	4787.5
#2	3619.6	50774.	8747.3	2673.4	4804.7
#3	3453.6	51005.	8788.1	2676.4	4600.3

Sample Name: S4 Acquired: 11/20/2025 13:04:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.18315	.15153	.65183	.14118	.36195	.64935	14.845	1.3460
Stddev	.00603	.00144	.02213	.00491	.01343	.00558	.155	.0133
%RSD	3.2908	.95210	3.3955	3.4744	3.7102	.85941	1.0442	.98557

#1	.17989	.14989	.64220	.13861	.35573	.64903	14.878	1.3454
#2	.17945	.15207	.63615	.13808	.35276	.64393	14.677	1.3331
#3	.19010	.15262	.67715	.14683	.37736	.65508	14.982	1.3596

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	4.9246	1.0416	.19328	1.8555	.69744	.01892	.75276	.19708
Stddev	.1690	.0085	.00191	.0657	.02587	.00023	.00715	.00168
%RSD	3.4311	.81827	.98647	3.5402	3.7089	1.2045	.94926	.85465

#1	4.8473	1.0409	.19482	1.8263	.68429	.01906	.75419	.19706
#2	4.8082	1.0334	.19387	1.8094	.68079	.01904	.74500	.19540
#3	5.1184	1.0504	.19114	1.9307	.72724	.01866	.75908	.19877

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	1.0440	.27298	.27678	.18104	3.7591	.14379	1.6282	2.5610
Stddev	.0365	.00226	.00221	.00229	.0423	.00180	.0189	.0871
%RSD	3.4925	.82806	.80021	1.2643	1.1264	1.2488	1.1604	3.4004

#1	1.0280	.27509	.27888	.18063	3.8052	.14515	1.6271	2.5180
#2	1.0182	.27326	.27699	.17898	3.7500	.14447	1.6100	2.5038
#3	1.0857	.27059	.27447	.18350	3.7220	.14176	1.6477	2.6613

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	.47476	1.1432	.02013	1.2903	.09123	3.4930	30.656
Stddev	.01527	.0117	.00016	.0409	.00311	.0309	.233
%RSD	3.2170	1.0215	.77891	3.1682	3.4104	.88399	.75983

#1	.46711	1.1433	.02020	1.2700	.08978	3.4953	30.645
#2	.46482	1.1315	.02024	1.2635	.08912	3.4610	30.429
#3	.49235	1.1549	.01995	1.3374	.09481	3.5227	30.894

Sample Name: S4 Acquired: 11/20/2025 13:04:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3537.0	51023.	8948.9	2665.2	4624.4
Stddev	94.5	544.	73.8	26.8	121.0
%RSD	2.6725	1.0665	.82455	1.0073	2.6165
#1	3583.4	50672.	8961.2	2643.0	4679.4
#2	3599.3	50748.	9015.8	2657.6	4708.1
#3	3428.2	51650.	8869.7	2695.1	4485.7

Sample Name: S5 Acquired: 11/20/2025 13:08:09 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.36276	.30741	1.2986	.27758	.71723	1.2960	29.703	2.6276
Stddev	.01455	.00844	.0529	.01111	.02990	.0162	.449	.0364
%RSD	4.0122	2.7447	4.0728	4.0029	4.1689	1.2513	1.5102	1.3836

#1	.35506	.30279	1.2705	.27190	.70259	1.2822	29.511	2.5954
#2	.35368	.30230	1.2656	.27046	.69746	1.3139	30.216	2.6670
#3	.37955	.31715	1.3596	.29039	.75163	1.2920	29.383	2.6205

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	9.9113	2.0642	.37475	3.7447	1.3641	.03634	1.4884	.39522
Stddev	.4082	.0232	.00758	.1584	.0582	.00061	.0157	.00503
%RSD	4.1182	1.1249	2.0230	4.2302	4.2648	1.6917	1.0518	1.2736

#1	9.6956	2.0470	.36601	3.6587	1.3322	.03571	1.4768	.39120
#2	9.6562	2.0906	.37869	3.6480	1.3288	.03637	1.5062	.40086
#3	10.382	2.0551	.37956	3.9276	1.4312	.03694	1.4821	.39358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0927	.52527	.54602	.36268	7.2062	.28072	3.2034	5.0939
Stddev	.0859	.01056	.00621	.00409	.1482	.00400	.0481	.2057
%RSD	4.1028	2.0096	1.1380	1.1278	2.0570	1.4233	1.5004	4.0376

#1	2.0472	.51318	.53901	.35952	7.0352	.27627	3.1620	4.9853
#2	2.0391	.53001	.54820	.36730	7.2975	.28187	3.2561	4.9653
#3	2.1917	.53263	.55086	.36121	7.2860	.28401	3.1923	5.3311

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	.95070	2.2711	.03913	2.4623	.18535	7.0628	60.902
Stddev	.03735	.0248	.00082	.1010	.00725	.0723	.336
%RSD	3.9289	1.0902	2.1017	4.1029	3.9094	1.0241	.55095

#1	.93177	2.2535	.03822	2.4102	.18209	7.0154	60.647
#2	.92661	2.2994	.03936	2.3979	.18032	7.1461	61.282
#3	.99373	2.2604	.03982	2.5787	.19366	7.0271	60.778

Sample Name: S5 Acquired: 11/20/2025 13:08:09 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v99) 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	3526.9	52457.	8932.0	2680.7	4512.5
Stddev	125.0	811.	103.2	42.9	159.9
%RSD	3.5434	1.5457	1.1558	1.6017	3.5425
#1	3596.7	53382.	9003.5	2730.3	4601.8
#2	3601.3	52122.	8813.7	2654.9	4607.8
#3	3382.6	51868.	8978.9	2657.0	4328.0

Sample Name: ICV01 Acquired: 11/20/2025 13:12:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.885239	3.672731	3.840641	3.910584	4.003537	7.827343	7.796615
Stddev	.101555	.069001	.099305	.091743	.112107	.056570	.066041
%RSD	2.613858	1.878735	2.585642	2.346018	2.800210	.7227243	.8470485

#1	3.839088	3.746129	3.790925	3.883033	3.951818	7.796985	7.757212
#2	3.814956	3.609186	3.776013	3.835774	3.926624	7.892612	7.872858
#3	4.001673	3.662879	3.954985	4.012946	4.132167	7.792433	7.759775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1976387	1.926332	19.50903	.8068432	1.942122	1.001145	3.973189
Stddev	.0019567	.049975	.16523	.0060718	.052475	.026173	.037126
%RSD	.9900299	2.594303	.8469637	.7525428	2.701948	2.614301	.9344147

#1	.1970070	1.903731	19.39056	.8004070	1.918016	.988499	3.943669
#2	.1998332	1.891650	19.69779	.8076535	1.906031	.983697	3.961028
#3	.1960759	1.983615	19.43875	.8124693	2.002318	1.031240	4.014871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950903	19.40911	1.952032	1.049866	18.86016	1.953869	2.004369
Stddev	.017273	.17566	.051642	.006864	.19641	.020499	.016091
%RSD	.8853807	.9050583	2.645533	.6538084	1.041422	1.049149	.8027971

#1	1.939103	19.29454	1.925334	1.043088	18.64264	1.933027	1.986491
#2	1.970728	19.61135	1.919205	1.049698	18.91334	1.974007	2.008925
#3	1.942877	19.32142	2.011557	1.056813	19.02452	1.954572	2.017690

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.55325	3.937901	3.975200	3.897763	3.939554	3.670270	.0014864
Stddev	.23301	.023369	.103807	.099624	.027286	.043537	.0004943
%RSD	1.191667	.5934417	2.611358	2.555933	.6926263	1.186212	33.25348

#1	19.29507	3.928940	3.925772	3.851616	3.919116	3.622953	.0020048
#2	19.61678	3.964425	3.905343	3.829580	3.970540	3.679220	.0014341
#3	19.74792	3.920339	4.094483	4.012094	3.929006	3.708636	.0010204

Sample Name: ICV01 Acquired: 11/20/2025 13:12:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0219632	-.001483	-.001958
Stddev	.0028399	.000419	.000219
%RSD	12.93041	28.28375	11.18131

#1	.0190086	-.001387	-.001748
#2	.0222084	-.001119	-.001943
#3	.0246726	-.001941	-.002185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.760	52178.73	9114.517	2706.788	4764.686
Stddev	85.534	355.89	53.313	22.141	107.190
%RSD	2.368212	.6820637	.5849259	.8179797	2.249672

#1	3653.582	52501.31	9122.637	2729.127	4815.293
#2	3668.337	52237.93	9057.610	2706.386	4837.203
#3	3513.362	51796.95	9163.304	2684.851	4641.562

Sample Name: LLICV01 Acquired: 11/20/2025 13:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0200958	.0389580	.0110429	.0170934	.0517119	.1081071
Stddev	.0041576	.0004330	.0018981	.0021122	.0022962	.0053839
%RSD	20.68903	1.111591	17.18806	12.35667	4.440429	4.980152

#1	.0211156	.0384859	.0124856	.0190829	.0506689	.1120785
#2	.0155231	.0393368	.0117506	.0148769	.0543445	.1019793
#3	.0236486	.0390513	.0088927	.0173205	.0501223	.1102636

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015475	.0063777	.0058968	2.072807	.0100325	.0298091
Stddev	.0004236	.0001414	.0000735	.013049	.0002551	.0007260
%RSD	.4171063	2.216584	1.246892	.6295298	2.542783	2.435393

#1	.1012161	.0062777	.0058622	2.082196	.0099284	.0292030
#2	.1020247	.0063159	.0058470	2.057907	.0098460	.0296106
#3	.1014017	.0065394	.0059813	2.078319	.0103232	.0306137

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222575	.1086830	.0212553	2.120979	.0408571	.0103339
Stddev	.0002670	.0053254	.0004807	.003184	.0011549	.0008836
%RSD	1.199749	4.899942	2.261678	.1501349	2.826742	8.550673

#1	.0221225	.1037808	.0207540	2.118887	.0395784	.0111478
#2	.0220850	.1079191	.0217124	2.119406	.0411684	.0093940
#3	.0225651	.1143491	.0212996	2.124644	.0418244	.0104600

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.900863	.0422798	.0430483	1.931894	.1088375	.2027524
Stddev	.016321	.0036384	.0003230	.076609	.0012688	.0045598
%RSD	.8585848	8.605580	.7502715	3.965507	1.165766	2.248957

#1	1.886208	.0392793	.0433340	1.844613	.1099070	.1990076
#2	1.897930	.0463268	.0426979	1.963062	.1074356	.2014195
#3	1.918451	.0412333	.0431130	1.988006	.1091698	.2078302

Sample Name: LLICV01 Acquired: 11/20/2025 13:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0380175	.0377393	.3665155	F .0021827	F .0123396	.0184117
Stddev	.0019455	.0002770	.0121734	.0003343	.0009351	.0005939
%RSD	5.117378	.7341013	3.321380	15.31619	7.578192	3.225908
#1	.0365663	.0380302	.3598332	.0019340	.0115548	.0189259
#2	.0372581	.0377091	.3805665	.0020512	.0120898	.0177615
#3	.0402282	.0374786	.3591468	.0025627	.0133743	.0185475

Elem	Sr4077
Units	ppm
Avg	.0217115
Stddev	.0001614
%RSD	.7432944
#1	.0217966
#2	.0215254
#3	.0218126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.496	52246.06	9032.068	2746.443	5005.984
Stddev	68.768	221.16	48.471	18.862	91.860
%RSD	1.891056	.4233135	.5366537	.6867643	1.835001
#1	3688.882	52100.81	8994.172	2733.417	5073.944
#2	3661.982	52500.59	9086.686	2768.072	5042.532
#3	3558.623	52136.77	9015.345	2737.839	4901.475

Sample Name: ICB01 Acquired: 11/20/2025 13:21:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0010587	-.003241	.0020347	-.004072	-.000210	.0104314
Stddev	.0011936	.003602	.0012591	.005313	.001281	.0023496
%RSD	112.7431	111.1462	61.88306	130.4844	611.3308	22.52410

#1	.0008987	-.007307	.0010615	-.009422	-.000352	.0078131
#2	-.000047	-.000450	.0034568	.001204	-.001413	.0111250
#3	.002324	-.001966	.0015859	-.003997	.001137	.0123561

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001356	.0001579	.0000095	-.009772	-.000399	-.000159
Stddev	.000264	.0000102	.0000753	.008162	.000331	.000204
%RSD	19.45306	6.440181	794.6721	83.51929	82.92068	128.2895

#1	-.001054	.0001667	.0000101	-.008226	-.000086	.000005
#2	-.001542	.0001468	.0000844	-.018597	-.000745	-.000095
#3	-.001471	.0001602	-.000066	-.002494	-.000366	-.000388

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004188	-.002761	-.000605	-.038224	.0003940	-.000350
Stddev	.0001356	.006634	.000370	.002354	.0004510	.000121
%RSD	32.37477	240.2541	61.07596	6.159670	114.4668	34.55259

#1	.0002882	-.010382	-.000467	-.039929	.0009144	-.000275
#2	.0005589	.001714	-.001024	-.035538	.0001515	-.000286
#3	.0004092	.000385	-.000324	-.039205	.0001161	-.000489

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.174570	.0047412	-.000706	-.080426	.0017697	.0001573
Stddev	.015566	.0068402	.000352	.044935	.0011282	.0002642
%RSD	8.917023	144.2703	49.83874	55.87145	63.75078	167.9489

#1	-.190711	-.002140	-.001024	-.128348	.0030383	.0004235
#2	-.173351	.004825	-.000767	-.039238	.0008788	.0001531
#3	-.159649	.011539	-.000328	-.073691	.0013920	-.000105

Sample Name: ICB01 Acquired: 11/20/2025 13:21:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.000368	-.000942	-.010467	.0001231	F -.013681	-.004115
Stddev	.000145	.000861	.009537	.0002085	.005536	.000883
%RSD	39.39030	91.38259	91.11765	169.4323	40.46554	21.46205
#1	-.000468	-.000082	-.020133	.0003532	-.012586	-.003100
#2	-.000202	-.001805	-.010205	.0000694	-.019682	-.004530
#3	-.000436	-.000940	-.001064	-.000053	-.008774	-.004713

Elem	Sr4077
Units	ppm
Avg	.0001052
Stddev	.0001058
%RSD	100.5469
#1	.0002264
#2	.0000576
#3	.0000316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.732	53726.79	8962.943	2774.961	5165.919
Stddev	91.474	336.72	135.297	3.310	126.370
%RSD	2.481853	.6267257	1.509510	.1192843	2.446218
#1	3727.968	53550.18	8826.008	2772.504	5227.801
#2	3748.457	54115.08	8966.282	2778.725	5249.421
#3	3580.771	53515.13	9096.540	2773.654	5020.535

Sample Name: CRI01 Acquired: 11/20/2025 13:26:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0207558	.0378006	.0117054	.0218450	.0482998	.1264673
Stddev	.0002493	.0028307	.0008658	.0024876	.0027370	.0045136
%RSD	1.201298	7.488512	7.396297	11.38735	5.666676	3.568986

#1	.0204791	.0346268	.0118137	.0199086	.0452232	.1297475
#2	.0209629	.0387106	.0107905	.0209758	.0492120	.1283348
#3	.0208255	.0400644	.0125118	.0246505	.0504643	.1213197

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987285	.0063525	.0059546	2.065191	.0101289	.0298420
Stddev	.0015420	.0000650	.0001942	.012348	.0001322	.0011087
%RSD	1.561886	1.022630	3.260868	.5978874	1.305076	3.715295

#1	.0993158	.0063590	.0059584	2.071571	.0102180	.0288754
#2	.0998905	.0064140	.0057585	2.073043	.0101917	.0295985
#3	.0969791	.0062846	.0061468	2.050958	.0099770	.0310523

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223015	.1129991	.0212583	2.107773	.0413661	.0109982
Stddev	.0010339	.0041022	.0004691	.043067	.0016178	.0003365
%RSD	4.635780	3.630272	2.206855	2.043227	3.910867	3.059224

#1	.0219055	.1171784	.0208156	2.126037	.0406773	.0106135
#2	.0215242	.1128403	.0217500	2.138698	.0402067	.0112374
#3	.0234748	.1089787	.0212093	2.058584	.0432142	.0111437

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.802398	.0440061	.0431109	1.902445	.1039257	.2032797
Stddev	.034113	.0017265	.0016294	.058675	.0016523	.0069837
%RSD	1.892658	3.923351	3.779501	3.084182	1.589901	3.435534

#1	1.797399	.0423662	.0445087	1.955925	.1056170	.1991730
#2	1.838735	.0438444	.0435027	1.911728	.1038448	.1993227
#3	1.771060	.0458078	.0413214	1.839682	.1023153	.2113434

Sample Name: CRI01 Acquired: 11/20/2025 13:26:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0380594	.0380941	.3576327	F .0021414	F .0099493	.0168985
Stddev	.0008179	.0015615	.0160932	.0002455	.0020087	.0004097
%RSD	2.149090	4.099045	4.499934	11.46416	20.18974	2.424604

#1	.0375780	.0377803	.3569665	.0018864	.0082395	.0172677
#2	.0375965	.0397887	.3740487	.0023761	.0121615	.0164577
#3	.0390038	.0367134	.3418829	.0021618	.0094468	.0169700

Elem	Sr4077
Units	ppm
Avg	.0213904
Stddev	.0003729
%RSD	1.743495

#1	.0214782
#2	.0217117
#3	.0209814

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3654.822	52339.35	9155.201	2729.842	5036.671
Stddev	100.815	1309.58	91.150	73.186	133.620
%RSD	2.758406	2.502097	.9956080	2.680971	2.652948

#1	3713.107	51359.82	9068.416	2672.793	5113.382
#2	3712.948	51831.42	9147.024	2704.372	5114.251
#3	3538.411	53826.81	9250.165	2812.360	4882.380

Sample Name: ICSA01 Acquired: 11/20/2025 13:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095030	.0190516	-.001753	-.001811	-.001400	248.4740	.0033611
Stddev	.0036635	.0056814	.000824	.004803	.001698	2.9500	.0004874
%RSD	38.55083	29.82096	46.99350	265.1673	121.2662	1.187234	14.50104

#1	.0119173	.0248356	-.002115	-.005068	-.002281	245.6254	.0033267
#2	.0113041	.0134788	-.000810	-.004071	-.002477	251.5158	.0038647
#3	.0052876	.0188404	-.002335	.003705	.000557	248.2807	.0028917

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010191	-.001552	234.0062	.0508241	.0024734	.0086097	95.87695
Stddev	.0000848	.000316	2.4427	.0010721	.0004144	.0010723	1.31632
%RSD	8.322518	20.36296	1.043868	2.109486	16.75453	12.45422	1.372925

#1	.0010155	-.001917	231.6916	.0514394	.0020920	.0074058	96.45465
#2	.0011057	-.001372	236.5595	.0495861	.0024138	.0089615	94.37056
#3	.0009362	-.001367	233.7676	.0514467	.0029144	.0094620	96.80563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084200	250.3842	.0066961	-.007551	-.057068	.0047634	.0054387
Stddev	.0000200	3.0267	.0003068	.000702	.019970	.0055136	.0000297
%RSD	.2375966	1.208831	4.581751	9.297062	34.99264	115.7497	.5462632

#1	.0084280	247.5496	.0067511	-.007820	-.075142	-.001308	.0054603
#2	.0084347	253.5720	.0063655	-.006754	-.060433	.009458	.0054510
#3	.0083972	250.0309	.0069716	-.008078	-.035630	.006141	.0054048

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033705	.0070956	.0009275	-.005058	-.006363	.0080943	.0007950
Stddev	.029063	.0069829	.0001088	.000377	.001114	.0114575	.0002738
%RSD	86.22595	98.41123	11.72885	7.460145	17.50167	141.5491	34.44030

#1	-.060460	.0106686	.0009345	-.005488	-.005671	-.003958	.0005837
#2	-.037871	-.000951	.0008155	-.004903	-.007648	.009396	.0011043
#3	-.002784	.011569	.0010327	-.004782	-.005771	.018845	.0006969

Sample Name: ICSA01 Acquired: 11/20/2025 13:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0065880	-.004213	.0065372
Stddev	.0031413	.001494	.0019059
%RSD	47.68315	35.46675	29.15463
#1	.0050372	-.003805	.0054092
#2	.0102031	-.005869	.0087377
#3	.0045235	-.002965	.0054647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.189	48953.90	8985.457	2487.986	4220.396
Stddev	75.124	589.31	89.162	38.060	86.158
%RSD	2.228406	1.203810	.9922906	1.529767	2.041468
#1	3422.418	48661.07	9035.914	2466.764	4276.635
#2	3406.199	49632.28	8882.508	2531.926	4263.348
#3	3284.951	48568.37	9037.949	2465.268	4121.206

Sample Name: ICSAB01 Acquired: 11/20/2025 13:44:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.1123581	.1234152	.0486520	.0546744	.6026637	243.0367
Stddev	.0036266	.0045408	.0036170	.0060861	.0285325	3.7767
%RSD	3.227672	3.679273	7.434445	11.13159	4.734394	1.553976

#1	.1130502	.1208513	.0446378	.0611074	.5861462	239.6293
#2	.1084354	.1286580	.0516578	.0539080	.5862349	247.0975
#3	.1155887	.1207363	.0496605	.0490078	.6356102	242.3835

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4688345	.4825041	.9902735	228.7916	.5473134	.4958081
Stddev	.0058372	.0053308	.0401906	3.5303	.0033701	.0200416
%RSD	1.245052	1.104819	4.058531	1.543021	.6157537	4.042199

#1	.4625056	.4764973	.9713287	225.4816	.5439434	.4880044
#2	.4740070	.4866721	.9630567	232.5072	.5473133	.4808422
#3	.4699908	.4843429	1.036435	228.3861	.5506836	.5185777

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4885529	94.70109	.4717734	245.3121	.9885596	.1855261
Stddev	.0221703	.32787	.0086270	4.3401	.0397376	.0008866
%RSD	4.537949	.3462204	1.828636	1.769220	4.019742	.4778715

#1	.4782785	94.34065	.4629944	241.0286	.9701410	.1845177
#2	.4733837	94.98164	.4802399	249.7067	.9613733	.1861834
#3	.5139965	94.78099	.4720860	245.2010	1.034164	.1858770

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090651	.4732515	1.034088	-.107045	.9772340	1.031582
Stddev	.008926	.0057503	.003942	.024455	.0084836	.039962
%RSD	9.846045	1.215057	.3812440	22.84533	.8681229	3.873817

#1	-.085166	.4671856	1.032060	-.122796	.9679724	1.013234
#2	-.100950	.4786231	1.031573	-.078872	.9846286	1.004090
#3	-.085838	.4739459	1.038632	-.119466	.9791011	1.077423

Sample Name: ICSAB01 Acquired: 11/20/2025 13:44:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	1.039549	.9765073	.9828541	F .0004487	F .0093988	F -.003731
Stddev	.037571	.0108854	.0062056	.0002691	.0041614	.001322
%RSD	3.614179	1.114724	.6313901	59.96182	44.27590	35.43496
#1	1.024338	.9641608	.9776121	.0003187	.0046047	-.004701
#2	1.011968	.9847214	.9897061	.0002694	.0120778	-.002225
#3	1.082340	.9806396	.9812443	.0007581	.0115140	-.004268

Elem	Sr4077
Units	ppm
Avg	F .0053047
Stddev	.0011883
%RSD	22.40200
#1	.0042409
#2	.0065872
#3	.0050859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.072	49300.62	9167.970	2504.844	4210.845
Stddev	113.026	229.11	113.399	7.811	138.587
%RSD	3.358800	.4647148	1.236905	.3118462	3.291189
#1	3415.839	49526.30	9296.770	2506.599	4266.871
#2	3443.812	49307.33	9083.145	2511.628	4312.647
#3	3235.563	49068.23	9123.995	2496.304	4053.016

Sample Name: ICSAS01DLX20 Acquired: 11/20/2025 13:48:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAS01DLX20 Custom ID2:
Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000506	-.001321	.0019836	-.000980	-.001433	12.03626	-.001736
Stddev	.002555	.001152	.0011503	.000900	.002741	.03998	.000077
%RSD	505.2801	87.18283	57.99343	91.84195	191.3466	.3322026	4.449151
#1	.002409	-.000262	.0010148	-.000008	-.001810	12.08016	-.001736
#2	-.002361	-.002547	.0032550	-.001785	.001478	12.02668	-.001658
#3	-.001565	-.001154	.0016809	-.001147	-.003966	12.00193	-.001813
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002303	-.000137	11.74729	.0017499	-.000161	.0013277	4.662478
Stddev	.0001158	.000059	.06685	.0001741	.000233	.0002328	.030412
%RSD	50.29179	43.14339	.5690883	9.949008	144.8330	17.53849	.6522746
#1	.0002496	-.000191	11.82180	.0017716	-.000030	.0010589	4.679515
#2	.0003352	-.000074	11.72750	.0019121	-.000429	.0014686	4.627366
#3	.0001060	-.000146	11.69256	.0015660	-.000023	.0014555	4.680553
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002500	12.19524	.0007862	-.000230	-.246745	.0014580	.0000008
Stddev	.0001133	.08695	.0000946	.000284	.018714	.0025159	.0007530
%RSD	45.33617	.7130191	12.02740	123.5620	7.584523	172.5531	96727.52
#1	.0001321	12.21364	.0008670	-.000512	-.253456	.0008190	-.000851
#2	.0003582	12.27152	.0006822	-.000232	-.261179	-.000677	.000577
#3	.0002596	12.10056	.0008093	.000055	-.225601	.004232	.000277
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170695	-.002621	.0002326	-.001504	-.003564	-.010353	.0002656
Stddev	.027453	.000455	.0001699	.000800	.001271	.004376	.0000590
%RSD	16.08282	17.35573	73.05582	53.19462	35.67074	42.27030	22.21113
#1	-.195066	-.002329	.0004180	-.002380	-.002652	-.013304	.0003337
#2	-.176065	-.002388	.0001956	-.001318	-.003025	-.005325	.0002343
#3	-.140954	-.003145	.0000842	-.000813	-.005017	-.012430	.0002289

Sample Name: ICSAS01DLX20 Acquired: 11/20/2025 13:48:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAS01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004183	-.005468	.0004294
Stddev	.001878	.000491	.0001112
%RSD	44.90354	8.978856	25.90368
#1	-.006349	-.004903	.0005040
#2	-.003199	-.005788	.0004827
#3	-.003002	-.005713	.0003016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.770	54358.21	9444.636	2748.249	5015.949
Stddev	109.311	415.81	22.979	26.345	146.752
%RSD	2.969782	.7649423	.2432976	.9586111	2.925712
#1	3728.695	54098.74	9423.058	2718.702	5081.072
#2	3757.934	54837.81	9442.052	2769.289	5118.869
#3	3555.683	54138.09	9468.797	2756.758	4847.905

Sample Name: ICSAB01DLX20 Acquired: 11/20/2025 13:52:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0062995	.0009733	.0020090	-.001459	.0269580	11.94209	.0217015
Stddev	.0019136	.0066944	.0014240	.003925	.0031894	.16504	.0014241
%RSD	30.37605	687.8069	70.88050	268.9736	11.83090	1.382026	6.562144

#1	.0066087	-.005623	.0035958	-.005407	.0235152	12.00040	.0233124
#2	.0042502	.000780	.0008425	-.001413	.0275470	11.75580	.0206101
#3	.0080397	.007762	.0015887	.002442	.0298118	12.07006	.0211821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246337	.0469638	11.64960	.0272498	.0233363	.0248028	4.722195
Stddev	.0001852	.0015423	.15220	.0005796	.0005600	.0003154	.049842
%RSD	.7519493	3.283903	1.306453	2.126937	2.399723	1.271786	1.055493

#1	.0247415	.0460819	11.66810	.0266460	.0226974	.0245710	4.664677
#2	.0244198	.0460649	11.48899	.0278017	.0235693	.0246754	4.749216
#3	.0247398	.0487446	11.79169	.0273017	.0237422	.0251620	4.752691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242802	12.05323	.0479810	.0095340	-.222259	.0237159	.0502187
Stddev	.0005326	.16295	.0015521	.0006577	.016049	.0032916	.0005684
%RSD	2.193597	1.351897	3.234808	6.898403	7.220832	13.87935	1.131952

#1	.0243445	12.05364	.0468867	.0101375	-.223708	.0199163	.0503291
#2	.0237183	11.89009	.0472990	.0096315	-.205535	.0255310	.0507238
#3	.0247777	12.21598	.0497573	.0088330	-.237534	.0257004	.0496031

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.163603	.0453229	.0504186	.0464413	.0478601	.0404358	.0001026
Stddev	.047310	.0011901	.0016743	.0024105	.0019651	.0086056	.0003239
%RSD	28.91772	2.625786	3.320815	5.190507	4.105960	21.28216	315.6623

#1	-.187217	.0465830	.0491381	.0446149	.0486678	.0314835	.0000038
#2	-.109134	.0442181	.0498044	.0455356	.0492927	.0486467	.0004645
#3	-.194457	.0451676	.0523133	.0491736	.0456199	.0411773	-.000160

Sample Name: ICSAB01DLX20 Acquired: 11/20/2025 13:52:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.007990	-.005418	.0003444
Stddev	.000710	.000739	.0000820
%RSD	8.880469	13.63528	23.80975
#1	-.007989	-.005751	.0003103
#2	-.008700	-.005931	.0002850
#3	-.007281	-.004571	.0004379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.202	53110.96	9339.817	2731.646	4988.978
Stddev	101.052	261.58	94.745	16.519	139.502
%RSD	2.746568	.4925159	1.014419	.6047105	2.796203
#1	3744.109	53370.36	9296.760	2749.357	5079.302
#2	3730.724	52847.25	9448.444	2716.659	5059.323
#3	3562.774	53115.26	9274.248	2728.921	4828.309

Sample Name: CCV01 Acquired: 11/20/2025 13:56:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	4.726687	5.072637	4.710585	4.711724	4.771652	9.672079	9.581639
Stddev	.161772	.133378	.153920	.156687	.159754	.127927	.033407
%RSD	3.422523	2.629357	3.267531	3.325471	3.347984	1.322638	.3486529

#1	4.654035	5.116351	4.641324	4.645628	4.694116	9.610273	9.552925
#2	4.613979	4.922888	4.603465	4.598915	4.665463	9.819173	9.573687
#3	4.912048	5.178673	4.886968	4.890630	4.955377	9.586792	9.618304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2385980	2.338100	24.02473	.9538152	2.351405	1.201744	4.754549
Stddev	.0004767	.075574	.30133	.0269768	.076503	.040614	.090253
%RSD	.1997761	3.232297	1.254230	2.828308	3.253506	3.379609	1.898249

#1	.2384771	2.300814	23.84306	.9662567	2.314965	1.181451	4.774539
#2	.2391235	2.288414	24.37255	.9228627	2.299935	1.175275	4.655977
#3	.2381935	2.425071	23.85857	.9723261	2.439316	1.248505	4.833132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.413292	23.81346	2.355973	1.192260	23.87879	2.406177	2.396749
Stddev	.034190	.35567	.075747	.031760	.51139	.027625	.072383
%RSD	1.416746	1.493564	3.215113	2.663843	2.141588	1.148073	3.020051

#1	2.384962	23.56725	2.316289	1.203929	23.94044	2.394659	2.436739
#2	2.451270	24.22124	2.308314	1.156316	23.33938	2.437697	2.313193
#3	2.403644	23.65190	2.443317	1.216534	24.35656	2.386175	2.440314

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.77872	4.782078	4.820415	4.723853	4.817449	4.775241	4.935385
Stddev	.53369	.010544	.152363	.150926	.061696	.091987	.155312
%RSD	2.244412	.2204866	3.160776	3.194974	1.280685	1.926322	3.146913

#1	23.85168	4.790054	4.756337	4.657300	4.770740	4.758470	4.868095
#2	23.21230	4.786056	4.710556	4.617642	4.887389	4.692794	4.825066
#3	24.27218	4.770124	4.994351	4.896617	4.794219	4.874459	5.112995

Sample Name: CCV01 Acquired: 11/20/2025 13:56:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.658736	4.856864	4.883718
Stddev	.153244	.056325	.031123
%RSD	3.289399	1.159697	.6372754
#1	4.600257	4.812959	4.882117
#2	4.543341	4.920371	4.915611
#3	4.832610	4.837262	4.853427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.667	53438.10	9111.108	2757.086	4790.128
Stddev	93.150	996.63	108.470	56.408	122.083
%RSD	2.562107	1.865026	1.190521	2.045925	2.548638
#1	3683.856	53126.11	9157.706	2728.749	4855.848
#2	3694.851	54553.40	8987.125	2822.045	4865.272
#3	3528.295	52634.78	9188.491	2720.465	4649.264

Sample Name: CCB01 Acquired: 11/20/2025 14:01:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0002246	-.002709	.0009234	-.002142	.0005996	.0039904
Stddev	.0019050	.002209	.0020558	.008831	.0014839	.0100746
%RSD	848.1282	81.56789	222.6385	412.3955	247.4825	252.4708

#1	.0012521	-.001027	-.001021	-.010672	.0019025	.0083155
#2	.0013953	-.005211	.003075	.006963	.0009119	-.007525
#3	-.001974	-.001888	.000716	-.002715	-.001016	.011180

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003283	.0000888	-.000062	-.006604	-.000325	-.000007
Stddev	.001809	.0000520	.000162	.007533	.000228	.000317
%RSD	55.09158	58.56301	260.6199	114.0699	70.06847	4255.574

#1	-.002029	.0000289	.000107	-.015297	-.000588	-.000275
#2	-.005356	.0001146	-.000078	-.002541	-.000192	-.000089
#3	-.002464	.0001228	-.000216	-.001974	-.000195	.000342

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002801	.0004691	-.000209	-.002721	.0003081	.0002097
Stddev	.0003597	.0049444	.000163	.034202	.0001406	.0008582
%RSD	128.4056	1054.017	78.10532	1257.076	45.65371	409.3011

#1	.0000642	-.002867	-.000055	.036765	.0001715	.0009501
#2	.0006953	-.001875	-.000380	-.021822	.0004525	.0004098
#3	.0000809	.006150	-.000191	-.023105	.0003002	-.000731

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.263967	.0021432	-.000700	-.177037	-.000790	.0006610
Stddev	.011792	.0031363	.000282	.026184	.000569	.0002629
%RSD	4.467223	146.3362	40.35843	14.79033	72.03364	39.76598

#1	-.277354	-.000388	-.001025	-.185006	-.000514	.0009584
#2	-.259425	.005652	-.000565	-.147794	-.001445	.0005650
#3	-.255121	.001166	-.000511	-.198311	-.000412	.0004596

Sample Name: CCB01 Acquired: 11/20/2025 14:01:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.001214	-.000947	-.005722	-.000193	F -.014697	-.005607
Stddev	.000762	.001087	.001972	.000168	.001404	.001238
%RSD	62.82843	114.8508	34.46848	87.33263	9.550766	22.08302
#1	-.000608	-.002059	-.005596	-.000366	-.016171	-.006046
#2	-.002070	-.000894	-.007754	-.000030	-.014542	-.006565
#3	-.000963	.000113	-.003816	-.000182	-.013377	-.004209

Elem	Sr4077
Units	ppm
Avg	-.000017
Stddev	.000115
%RSD	665.3456
#1	-.000002
#2	.000089
#3	-.000140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.521	54467.08	9160.248	2784.037	5225.994
Stddev	115.565	620.26	29.592	35.932	161.344
%RSD	3.102825	1.138787	.3230516	1.290652	3.087334
#1	3767.370	54385.68	9182.339	2782.787	5285.132
#2	3812.543	55124.02	9126.626	2820.577	5349.424
#3	3593.652	53891.54	9171.779	2748.746	5043.425

Sample Name: PB170544TB Acquired: 11/20/2025 14:05:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.000578	-.000416	.0010491	-.005774	-.000882	.0358190	-.002732
Stddev	.002328	.002778	.0023815	.003861	.002481	.0084454	.001357
%RSD	403.1716	668.1264	226.9928	66.86799	281.1882	23.57808	49.67828

#1	-.002219	-.003388	-.000046	-.004334	-.002416	.0399550	-.004196
#2	-.001601	.002115	-.000588	-.010148	.001980	.0261028	-.001514
#3	.002087	.000026	.003781	-.002840	-.002211	.0413993	-.002487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001638	.0001990	.0784503	.0047066	.0000853	.0011788	.0526801
Stddev	.0000628	.0000886	.0129535	.0003966	.0003024	.0005915	.0051512
%RSD	38.34133	44.53461	16.51170	8.427061	354.6455	50.17960	9.778180

#1	.0002214	.0002608	.0800736	.0048734	.0002305	.0010392	.0490906
#2	.0000969	.0002387	.0905157	.0049925	.0002877	.0006696	.0585823
#3	.0001732	.0000974	.0647617	.0042538	-.000262	.0018276	.0503675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008866	.6876472	.0041657	.0010894	305.7708	.0038112	.0067003
Stddev	.0003861	.0127051	.0003002	.0003604	5.7524	.0016052	.0004624
%RSD	43.54460	1.847618	7.206301	33.08191	1.881264	42.11876	6.900500

#1	.0013233	.6765092	.0040677	.0006984	300.1691	.0039065	.0063061
#2	.0005906	.7014853	.0045026	.0011617	305.4805	.0021605	.0065857
#3	.0007459	.6849471	.0039267	.0014082	311.6628	.0053667	.0072092

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028545	-.002530	.0013934	.0018994	-.001532	-.003082	.0001105
Stddev	.041362	.000787	.0002739	.0010906	.001614	.005248	.0003036
%RSD	144.9023	31.09991	19.65726	57.41751	105.3512	170.3108	274.8408

#1	-.066225	-.002803	.0011277	.0026427	-.003391	-.000259	-.000192
#2	.015712	-.003144	.0013776	.0024082	-.000729	-.009137	.000416
#3	-.035121	-.001643	.0016748	.0006474	-.000477	.000152	.000108

Sample Name: PB170544TB Acquired: 11/20/2025 14:05:54 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.002267	-.004272	.0001610
Stddev	.004124	.000384	.0001337
%RSD	181.9313	8.981790	83.05661
#1	-.006959	-.003880	.0001193
#2	.000784	-.004646	.0000531
#3	-.000626	-.004291	.0003105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.199	51566.42	9230.916	2666.282	4531.474
Stddev	123.532	726.35	117.476	29.579	164.336
%RSD	3.493345	1.408578	1.272636	1.109380	3.626538
#1	3631.215	52367.19	9095.725	2696.475	4654.297
#2	3580.828	51382.05	9288.863	2665.015	4595.330
#3	3396.555	50950.01	9308.160	2637.357	4344.794

Sample Name: PB170657BL Acquired: 11/20/2025 14:10:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0004410	-.004674	-.000319	-.002467	-.000144	.0045067
Stddev	.0022243	.001999	.000562	.003138	.000729	.0135931
%RSD	504.3949	42.75980	176.2851	127.1746	505.5243	301.6182

#1	-.002108	-.002862	.000167	-.002153	.000551	.0105960
#2	.001989	-.004344	-.000934	-.005750	-.000902	.0139905
#3	.001442	-.006818	-.000190	.000502	-.000082	-.011066

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002322	.0001625	-.000046	-.002468	-.000301	-.000280
Stddev	.000714	.0000518	.000073	.003274	.000235	.000088
%RSD	30.73866	31.88415	159.8410	132.6537	77.84169	31.29898

#1	-.001826	.0001079	.000035	-.003264	-.000563	-.000293
#2	-.003140	.0002109	-.000107	.001130	-.000232	-.000186
#3	-.002000	.0001686	-.000064	-.005271	-.000109	-.000360

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005194	.0016990	-.000878	-.032247	.0003608	.0001138
Stddev	.0000275	.0046296	.000135	.020031	.0006073	.0004502
%RSD	5.296281	272.4895	15.34951	62.11632	168.2968	395.6394

#1	.0004905	-.001582	-.001033	-.054509	.0002090	-.000225
#2	.0005453	-.000316	-.000799	-.026552	.0010297	.000625
#3	.0005225	.006995	-.000801	-.015681	-.000156	-.000058

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.218067	-.000763	-.000855	-.158449	-.002937	-.000061
Stddev	.015172	.004505	.000555	.021279	.000301	.000303
%RSD	6.957269	590.3841	64.89295	13.42975	10.25690	500.2852

#1	-.208644	.004196	-.000383	-.178044	-.002615	-.000201
#2	-.235569	-.001882	-.001467	-.161490	-.002984	-.000268
#3	-.209989	-.004602	-.000717	-.135813	-.003212	.000287

Sample Name: PB170657BL Acquired: 11/20/2025 14:10:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.000519	-.001382	-.003646	-.000097	F -.013231	-.003789
Stddev	.001086	.000750	.006048	.000360	.008522	.000842
%RSD	209.1201	54.28557	165.8904	370.4699	64.40805	22.23012
#1	-.001742	-.000520	-.003068	-.000245	-.020422	-.004389
#2	-.000148	-.001735	-.009961	-.000360	-.015454	-.004152
#3	.000333	-.001890	.002092	.000313	-.003818	-.002826

Elem	Sr4077
Units	ppm
Avg	-.000109
Stddev	.000093
%RSD	84.88534
#1	-.000108
#2	-.000017
#3	-.000202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.667	53014.32	9366.484	2699.133	5117.796
Stddev	114.423	174.52	67.003	13.258	149.467
%RSD	3.104542	.3291852	.7153436	.4911822	2.920537
#1	3747.444	53125.13	9312.694	2713.371	5193.628
#2	3755.924	53104.68	9441.538	2696.885	5214.146
#3	3553.634	52813.15	9345.220	2687.143	4945.613

Sample Name: PB170657BS Acquired: 11/20/2025 14:14:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.7882652	1.966808	.9544226	1.994683	.7971669	1.919842
Stddev	.0218049	.089474	.0248799	.054321	.0254320	.022558
%RSD	2.766190	4.549218	2.606798	2.723282	3.190294	1.174998

#1	.7748883	2.009988	.9381300	1.958067	.7776656	1.945321
#2	.7764808	1.863933	.9420770	1.968885	.7879027	1.902413
#3	.8134266	2.026504	.9830609	2.057095	.8259323	1.911793

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1796581	.1909530	.1932430	.9576868	.4009145	.1934125
Stddev	.0038299	.0019792	.0056236	.0229582	.0023818	.0052318
%RSD	2.131786	1.036465	2.910114	2.397257	.5940781	2.704983

#1	.1840777	.1931421	.1893041	.9836698	.3983497	.1894815
#2	.1773092	.1904266	.1907415	.9401411	.4030567	.1914054
#3	.1775876	.1892903	.1996833	.9492494	.4013371	.1993507

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3055393	2.950497	.1892143	1.901508	.4890475	.0757959
Stddev	.0082972	.026961	.0031637	.043803	.0144438	.0004767
%RSD	2.715579	.9137676	1.672015	2.303615	2.953459	.6288820

#1	.3001379	2.967606	.1928440	1.950455	.4798659	.0754692
#2	.3013871	2.919418	.1870420	1.888076	.4815801	.0763429
#3	.3150928	2.964467	.1877568	1.865994	.5056964	.0755757

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.541287	.2892427	.2058336	9.497021	.2785245	.4014584
Stddev	.027205	.0055643	.0019086	.093709	.0028781	.0107814
%RSD	1.070505	1.923752	.9272713	.9867224	1.033347	2.685561

#1	2.562639	.2956527	.2044564	9.564314	.2817183	.3953703
#2	2.510657	.2864185	.2080123	9.389991	.2761317	.3950982
#3	2.550565	.2856568	.2050321	9.536758	.2777236	.4139067

Sample Name: PB170657BS Acquired: 11/20/2025 14:14:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.6715377	.1835866	.8462706	F .6093831	F -.012240	.1897257
Stddev	.0181137	.0033743	.0063048	.0177288	.004080	.0043948
%RSD	2.697341	1.837981	.7450070	2.909303	33.33159	2.316393
#1	.6618851	.1874725	.8512636	.5958040	-.010176	.1947557
#2	.6602946	.1818904	.8391857	.6029056	-.016939	.1866287
#3	.6924334	.1813970	.8483624	.6294398	-.009605	.1877928

Elem	Sr4077
Units	ppm
Avg	.1854979
Stddev	.0038498
%RSD	2.075400
#1	.1899155
#2	.1828596
#3	.1837185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.808	54908.12	9860.066	2795.898	5151.064
Stddev	82.009	95.22	141.777	14.322	118.936
%RSD	2.179472	.1734157	1.437888	.5122404	2.308961
#1	3811.476	55007.18	9698.740	2807.620	5224.927
#2	3808.823	54817.27	9916.624	2779.935	5214.402
#3	3668.124	54899.92	9964.834	2800.140	5013.863

Sample Name: Q3671-01 Acquired: 11/20/2025 15:07:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.3190422	.3523798	.4893939	-.087152	-.471926	7.390130
Stddev	.0118638	.0085275	.0115356	.020727	.001936	.032549
%RSD	3.718566	2.419977	2.357129	23.78221	.4102712	.4404349

#1	.3071792	.3425438	.4782516	-.110920	-.469851	7.426760
#2	.3309067	.3576958	.5012863	-.072841	-.472243	7.379101
#3	.3190407	.3568999	.4886437	-.077694	-.473684	7.364528

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667535	.0682285	.6142986	47.37129	5.956187	1.167618
Stddev	.0012779	.0002262	.0017410	.61857	.025922	.003546
%RSD	1.914395	.3315030	.2834141	1.305793	.4352154	.3036866

#1	.0653144	.0684098	.6160944	46.88193	5.928123	1.163667
#2	.0671903	.0683005	.6141833	47.16539	5.979233	1.170524
#3	.0677558	.0679750	.6126181	48.06655	5.961206	1.168664

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.067561	F 6675.360	20.59149	2.210167	3.840213	^ *****
Stddev	.049559	2.482	.12796	.082028	.012910	-----
%RSD	.8167897	.0371752	.6214312	3.711404	.3361799	-----

#1	6.046989	6675.907	20.50585	2.134520	3.825331	^ -----
#2	6.031601	6677.522	20.53003	2.198627	3.848411	^ -----
#3	6.124093	6672.650	20.73859	2.297355	3.846896	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.298247	1.263291	2.727210	.8174006	^ *****	.2755180
Stddev	.021774	.004880	.006345	.0176937	-----	.0006917
%RSD	1.677203	.3862577	.2326424	2.164625	-----	.2510526

#1	1.288145	1.262944	2.720067	.8040988	^ -----	.2752394
#2	1.283357	1.258594	2.732191	.8374814	^ -----	.2750090
#3	1.323237	1.268335	2.729372	.8106217	^ -----	.2763055

Sample Name: Q3671-01 Acquired: 11/20/2025 15:07:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.3915124	.7784356	6.361324	.2716919	F 3167.578	2.661970
Stddev	.0050402	.0080273	.066640	.0001748	18.282	.001596
%RSD	1.287370	1.031210	1.047584	.0643242	.5771691	.0599449
#1	.3929910	.7874483	6.292929	.2718414	3187.002	2.660567
#2	.3858983	.7720541	6.364984	.2714997	3165.029	2.663706
#3	.3956479	.7758045	6.426058	.2717345	3150.704	2.661637

Elem	Sr4077
Units	ppm
Avg	F -6.38506
Stddev	.00255
%RSD	.0398666
#1	-6.38578
#2	-6.38717
#3	-6.38223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.435	36719.23	7243.123	1580.261	2118.027
Stddev	7.528	148.57	16.032	7.052	1.985
%RSD	.3296594	.4046124	.2213441	.4462790	.0937062
#1	2281.667	36785.56	7224.674	1584.607	2116.520
#2	2291.690	36549.05	7253.675	1572.124	2120.276
#3	2276.949	36823.08	7251.020	1584.052	2117.285

Sample Name: Q3671--01DLX5 Acquired: 11/20/2025 15:11:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.1008086	.1000566	.0000717	.1424036	-.096136	1.472265
Stddev	.0059550	.0006071	.0034469	.0054910	.000387	.014110
%RSD	5.907275	.6067280	4808.412	3.855954	.4026720	.9584150

#1	.0953368	.0997972	-.002012	.1407957	-.096570	1.488341
#2	.0999380	.0996224	.004050	.1485190	-.096009	1.461931
#3	.1071510	.1007503	-.001823	.1378960	-.095828	1.466523

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111552	.0151010	-.064866	9.103821	1.269184	.1696130
Stddev	.0008460	.0002624	.000531	.010679	.007760	.0004336
%RSD	7.584252	1.737521	.8181845	.1172998	.6114450	.2556539

#1	.0121254	.0149616	-.065479	9.115307	1.260758	.1693321
#2	.0105708	.0149377	-.064585	9.101961	1.270756	.1693947
#3	.0107694	.0154036	-.064536	9.094194	1.276038	.1701125

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.161128	1751.609	4.391424	.4181014	.6332857	-.138932
Stddev	.003427	8.480	.028530	.0453048	.0029839	.002943
%RSD	.2951210	.4840995	.6496736	10.83584	.4711737	2.118639

#1	1.157895	1749.247	4.420221	.3809616	.6323613	-.139615
#2	1.160769	1744.562	4.390881	.4685774	.6308735	-.141475
#3	1.164720	1761.020	4.363169	.4047652	.6366224	-.135708

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1131513	.2660368	.4238914	.1043676	^ *****	.0524354
Stddev	.0167454	.0031872	.0018258	.0628615	-----	.0011033
%RSD	14.79912	1.198033	.4307243	60.23089	-----	2.104038

#1	.1004116	.2628103	.4243404	.0381899	^ ----	.0532607
#2	.1321181	.2661168	.4254509	.1116308	^ ----	.0511823
#3	.1069242	.2691832	.4218830	.1632819	^ ----	.0528632

Sample Name: Q3671--01DLX5 Acquired: 11/20/2025 15:11:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0507190	.1690706	1.712600	.0387751	F 724.8930	.6981455
Stddev	.0022525	.0018490	.035082	.0000410	9.9349	.0028203
%RSD	4.441078	1.093651	2.048449	.1058093	1.370534	.4039722
#1	.0518194	.1704980	1.721346	.0387921	718.5327	.6971221
#2	.0481278	.1669818	1.673973	.0388049	719.8050	.6959797
#3	.0522097	.1697319	1.742481	.0387283	736.3413	.7013346

Elem	Sr4077
Units	ppm
Avg	F -1.67698
Stddev	.00822
%RSD	.4904492
#1	-1.67462
#2	-1.67019
#3	-1.68613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.584	41635.52	7676.554	2040.125	3605.865
Stddev	3.569	58.47	23.304	4.905	12.400
%RSD	.1262967	.1404380	.3035756	.2404408	.3438979
#1	2822.879	41701.18	7667.963	2045.500	3611.659
#2	2829.628	41616.31	7658.764	2035.890	3614.309
#3	2824.244	41589.06	7702.934	2038.987	3591.628

Sample Name: Q3677-01 Acquired: 11/20/2025 15:15:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0470285	.0232096	.0883434	-.035885	.0249732	84.03962
Stddev	.0050593	.0064001	.0054817	.007628	.0032246	.13411
%RSD	10.75796	27.57538	6.205044	21.25565	12.91217	.1595788

#1	.0428453	.0300401	.0900635	-.041675	.0275469	83.90462
#2	.0526517	.0173510	.0822079	-.027242	.0213561	84.17282
#3	.0455885	.0222377	.0927588	-.038737	.0260167	84.04141

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6982837	.0061024	.0000614	F 6163.033	.1424021	.0390840
Stddev	.0024716	.0000300	.0003021	53.836	.0004642	.0010952
%RSD	.3539500	.4924460	491.9537	.8735238	.3259622	2.802080

#1	.6954369	.0060689	-.000008	6109.039	.1421001	.0392012
#2	.6995321	.0061110	-.000200	6163.351	.1421696	.0379349
#3	.6998820	.0061271	.000392	6216.709	.1429366	.0401158

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3203657	82.97156	1.872599	282.6954	.0847420	-.013817
Stddev	.0015461	.61041	.009400	.5278	.0005133	.000884
%RSD	.4826163	.7356856	.5019654	.1867112	.6057657	6.396630

#1	.3199638	83.62402	1.863564	282.1043	.0853342	-.013237
#2	.3190603	82.87624	1.871906	282.8624	.0844233	-.014834
#3	.3220731	82.41441	1.882325	283.1195	.0844686	-.013380

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.332762	.0982494	1.796057	14.37200	.1521735	.0846612
Stddev	.039333	.0051870	.006462	.17131	.0041924	.0010156
%RSD	.6211057	5.279387	.3598131	1.191972	2.755032	1.199595

#1	6.361047	.1034389	1.798993	14.56982	.1567796	.0844590
#2	6.349394	.0930650	1.800529	14.27261	.1511604	.0837619
#3	6.287845	.0982445	1.788647	14.27358	.1485804	.0857627

Sample Name: Q3677-01 Acquired: 11/20/2025 15:15:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0583608	3.649718	3.623990	.2456932	F 53.33176	-.828128
Stddev	.0044644	.010253	.040233	.0020934	.36576	.007628
%RSD	7.649723	.2809210	1.110175	.8520384	.6858247	.9210925
#1	.0536562	3.637983	3.668537	.2454540	53.03543	-.819928
#2	.0588881	3.656942	3.613133	.2437297	53.21930	-.829441
#3	.0625383	3.654230	3.590300	.2478960	53.74055	-.835013

Elem	Sr4077
Units	ppm
Avg	8.726175
Stddev	.060813
%RSD	.6969051
#1	8.676169
#2	8.708484
#3	8.793872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.258	36085.10	7399.597	1788.698	2637.467
Stddev	11.977	105.43	49.120	6.703	14.692
%RSD	.4883962	.2921712	.6638163	.3747479	.5570450
#1	2457.922	36025.98	7455.922	1788.882	2638.481
#2	2460.351	36022.50	7377.212	1781.905	2651.625
#3	2438.499	36206.83	7365.657	1795.308	2622.294

Sample Name: Q36771-01DL2X500 Acquired: 11/20/2025 15:20:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0013859	-.001768	-.000190	-.000842	-.002413	.1599726	-.001022
Stddev	.0011474	.002044	.001477	.003775	.002056	.0073072	.000211
%RSD	82.79209	115.6044	776.2501	448.4381	85.20867	4.567786	20.67909

#1	.0027071	.000487	.001487	-.003930	-.001747	.1623823	-.001214
#2	.0006381	-.003500	-.000763	.003367	-.000773	.1657706	-.001057
#3	.0008127	-.002291	-.001295	-.001962	-.004720	.1517649	-.000796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001996	-.001237	11.25949	.0143081	.0017193	.0143293	20.84851
Stddev	.0000154	.000096	1.27703	.0003362	.0003029	.0003377	.09359
%RSD	7.713579	7.722408	11.34184	2.349492	17.61508	2.356422	.4489173

#1	.0001994	-.001236	12.66938	.0144432	.0019480	.0141769	20.87272
#2	.0002152	-.001334	10.92866	.0145557	.0018340	.0147163	20.74519
#3	.0001844	-.001142	10.18043	.0139254	.0013758	.0140947	20.92761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527176	.4453199	.0069837	-.001613	-.072957	.0038874	.0078976
Stddev	.0009210	.0489555	.0003430	.000275	.009309	.0002590	.0006685
%RSD	1.747007	10.99334	4.910880	17.04031	12.75905	6.663233	8.464620

#1	.0534202	.5013990	.0066754	-.001464	-.080937	.0036474	.0084755
#2	.0516749	.4234437	.0069227	-.001445	-.062731	.0041619	.0080518
#3	.0530577	.4111168	.0073531	-.001930	-.075205	.0038528	.0071654

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019020	-.004588	.0004194	-.000355	.0064542	.0108422	.0005630
Stddev	.023740	.002020	.0001838	.000338	.0018715	.0066026	.0000420
%RSD	124.8190	44.02021	43.81986	95.23759	28.99588	60.89700	7.455875

#1	-.028476	-.004636	.0002323	-.000656	.0064481	.0156141	.0005169
#2	.007991	-.002545	.0004264	.000011	.0045859	.0136058	.0005731
#3	-.036574	-.006584	.0005997	-.000419	.0083288	.0033069	.0005991

Sample Name: Q36771-01DL2X500 Acquired: 11/20/2025 15:20:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	8.691660	.0033482	-.005471
Stddev	.076717	.0002956	.001705
%RSD	.8826469	8.827622	31.16391
#1	8.603381	.0035791	-.003591
#2	8.729440	.0030151	-.005908
#3	8.742161	.0034504	-.006916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.754	43707.70	7906.078	2217.997	4208.904
Stddev	11.423	113.20	21.269	7.597	10.153
%RSD	.3749399	.2589893	.2690232	.3425192	.2412363
#1	3040.747	43676.70	7896.377	2220.644	4206.571
#2	3059.927	43833.17	7930.468	2223.916	4220.021
#3	3039.586	43613.23	7891.389	2209.430	4200.120

Sample Name: Q36771-01DL3X5000 Acquired: 11/20/2025 15:26:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.000531	-.000686	.0008543	-.003269	-.000615	.0128141	-.001164
Stddev	.001538	.004500	.0021257	.002863	.002373	.0133728	.000757
%RSD	289.4918	655.6187	248.8115	87.59183	385.8288	104.3602	64.99795

#1	-.002239	.001386	.0026585	-.000433	.002114	-.002122	-.000465
#2	-.000096	.002403	-.001489	-.003214	-.002192	.023676	-.001968
#3	.000742	-.005849	.001393	-.006159	-.001767	.016888	-.001059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000308	-.000287	.5335733	.0011037	.0001875	.0019667	2.464272
Stddev	.0000370	.000056	.0176840	.0007989	.0004208	.0002436	.078913
%RSD	120.0541	19.58777	3.314250	72.38464	224.4126	12.38584	3.202291

#1	.0000708	-.000228	.5534503	.0003878	.0004146	.0016912	2.546997
#2	-.000002	-.000339	.5195849	.0019654	.0004461	.0020553	2.455994
#3	.000024	-.000295	.5276848	.0009578	-.000298	.0021536	2.389824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061242	.0123406	.0006500	.0003530	-.098097	-.000203	.0020685
Stddev	.0007992	.0290370	.0001592	.0007948	.044534	.002103	.0002958
%RSD	13.05051	235.2971	24.50170	225.1374	45.39799	1035.065	14.29813

#1	.0062132	.0062183	.0008255	-.000483	-.140616	.001507	.0023772
#2	.0052841	.0439506	.0005148	.000443	-.101884	-.002551	.0020408
#3	.0068752	-.013147	.0006095	.001099	-.051790	.000435	.0017876

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051463	-.006526	-.000158	-.000230	.0012750	-.002299	.0000048
Stddev	.033135	.000801	.000183	.000866	.0017249	.006904	.0001242
%RSD	64.38554	12.27687	115.6790	375.9539	135.2814	300.3483	2612.973

#1	-.087172	-.006881	-.000005	-.001191	-.000441	-.010269	.0001401
#2	-.021710	-.005609	-.000108	.000011	.003008	.001843	-.000104
#3	-.045509	-.007088	-.000360	.000489	.001258	.001529	-.000022

Sample Name: Q36771-01DL3X5000 Acquired: 11/20/2025 15:26:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.9560207	-.000647	-.001597
Stddev	.0189568	.001397	.000043
%RSD	1.982886	215.9527	2.665872

#1	.9662247	.000555	-.001572
#2	.9676897	-.000316	-.001646
#3	.9341476	-.002180	-.001573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.519	44356.56	7787.194	2254.468	4293.964
Stddev	10.494	224.72	15.799	13.918	13.452
%RSD	.3402156	.5066221	.2028788	.6173421	.3132877

#1	3089.863	44593.81	7775.318	2267.523	4295.850
#2	3091.266	44328.94	7805.124	2256.059	4306.374
#3	3072.429	44146.92	7781.141	2239.824	4279.668

Sample Name: CCV02 Acquired: 11/20/2025 15:42:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	5.291969	5.314315	5.180736	5.317491	5.288613	10.42139	10.27959
Stddev	.036984	.322517	.043181	.050802	.040896	.06013	.09744
%RSD	.6988745	6.068841	.8334854	.9553795	.7732902	.5770009	.9479181

#1	5.259500	4.948789	5.144818	5.264445	5.266985	10.35345	10.17099
#2	5.284180	5.558810	5.168745	5.322325	5.263071	10.44296	10.35938
#3	5.332228	5.435344	5.228645	5.365704	5.335782	10.46776	10.30841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524828	2.569735	25.76693	1.075238	2.573911	1.323814	5.481708
Stddev	.0005646	.022715	.18741	.007347	.021713	.008432	.063151
%RSD	.2236306	.8839305	.7273173	.6833278	.8435614	.6369567	1.152029

#1	.2531010	2.549109	25.55363	1.067848	2.554969	1.319741	5.416426
#2	.2523530	2.566017	25.84197	1.082542	2.569158	1.318192	5.542486
#3	.2519944	2.594080	25.90519	1.075323	2.597606	1.333510	5.486212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560290	25.43116	2.589896	1.344301	25.93325	2.590743	2.721853
Stddev	.020008	.17663	.020093	.005114	.35229	.008230	.005884
%RSD	.7814696	.6945504	.7758256	.3804104	1.358466	.3176715	.2161589

#1	2.537745	25.29207	2.574535	1.339250	25.55475	2.584528	2.721420
#2	2.575936	25.37151	2.582518	1.349476	26.25160	2.587625	2.727941
#3	2.567187	25.62989	2.612635	1.344178	25.99339	2.600077	2.716198

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.83130	5.058950	5.294899	5.188379	5.175615	5.497737	5.356617
Stddev	.36594	.003498	.046603	.054745	.043528	.059674	.035798
%RSD	1.363841	.0691360	.8801455	1.055138	.8410188	1.085430	.6682970

#1	26.41688	5.062779	5.252944	5.129995	5.125460	5.430316	5.317715
#2	27.10992	5.058147	5.286693	5.196585	5.197856	5.543769	5.363966
#3	26.96710	5.055923	5.345060	5.238557	5.203529	5.519127	5.388170

Sample Name: CCV02 Acquired: 11/20/2025 15:42:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	5.171577	5.061063	5.174791
Stddev	.075836	.044951	.028014
%RSD	1.466392	.8881819	.5413646
#1	5.087884	5.009811	5.187305
#2	5.191118	5.093799	5.142700
#3	5.235730	5.079579	5.194367

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.891	43686.51	7965.973	2196.521	3966.091
Stddev	14.247	316.76	8.474	7.164	21.576
%RSD	.4757195	.7250826	.1063723	.3261695	.5440177
#1	3003.487	44039.02	7975.667	2203.901	3984.804
#2	3002.742	43425.76	7962.269	2189.593	3970.978
#3	2978.446	43594.74	7959.981	2196.067	3942.490

Sample Name: CCB02 Acquired: 11/20/2025 15:46:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	-.000767	-.000663	.0004815	-.003121	.0011888	.0024440
Stddev	.002329	.000721	.0009444	.010111	.0017094	.0029086
%RSD	303.7342	108.8735	196.1089	323.9798	143.7911	119.0104

#1	-.002816	-.001137	.0003523	.005605	.0031427	.0058017
#2	-.001250	.000168	.0014839	-.000766	.0004547	.0006984
#3	.001766	-.001019	-.000392	-.014202	-.000031	.0008319

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002840	.0000584	-.000090	.0147202	.0002937	-.000207
Stddev	.001481	.0000620	.000172	.0149533	.0004300	.000374
%RSD	52.16038	106.1401	189.8709	101.5838	146.4250	180.3823

#1	-.003911	.0001276	-.000223	.0170334	.0002868	-.000573
#2	-.001149	.0000076	.000103	.0283820	-.000133	.000175
#3	-.003459	.0000401	-.000151	-.001255	.000727	-.000224

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006373	-.000186	-.000463	-.023690	-.000163	.0004071
Stddev	.0003116	.004294	.000751	.027811	.000089	.0008827
%RSD	48.89771	2307.851	162.3450	117.3984	54.71466	216.8319

#1	.0007855	.004642	.000372	.006870	-.000245	.0002699
#2	.0008472	-.001626	-.000675	-.030422	-.000068	-.000399
#3	.0002792	-.003575	-.001084	-.047517	-.000177	.001350

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.110632	-.002591	-.000291	-.109408	.0057191	.0003977
Stddev	.016789	.004639	.000624	.047507	.0004615	.0001595
%RSD	15.17530	179.0270	214.5489	43.42194	8.069757	40.11106

#1	-.124506	-.005151	-.000023	-.155453	.0051862	.0005800
#2	-.091969	-.005387	.000155	-.112209	.0059788	.0003291
#3	-.115420	.002764	-.001004	-.060563	.0059922	.0002839

Sample Name: CCB02 Acquired: 11/20/2025 15:46:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v99) 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	.0002989	-.001932	-.001318	.0004413	F .0199389	-.002405
Stddev	.0015047	.001650	.019764	.0006837	.0044045	.001355
%RSD	503.3665	85.41686	1499.778	154.9079	22.09016	56.32627
#1	-.000572	-.003550	.021477	-.000257	.0225025	-.002377
#2	.002036	-.001996	-.013671	.001110	.0148531	-.003774
#3	-.000568	-.000251	-.011760	.000471	.0224612	-.001065

Elem	Sr4077
Units	ppm
Avg	.0001225
Stddev	.0000849
%RSD	69.34366
#1	.0000265
#2	.0001532
#3	.0001878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.655	44419.90	7906.804	2237.241	4318.069
Stddev	4.704	29.26	4.166	10.156	5.330
%RSD	.1527504	.0658728	.0526841	.4539628	.1234278
#1	3076.148	44386.19	7907.637	2245.433	4312.755
#2	3085.001	44434.74	7902.284	2225.877	4323.414
#3	3077.816	44438.76	7910.489	2240.412	4318.038

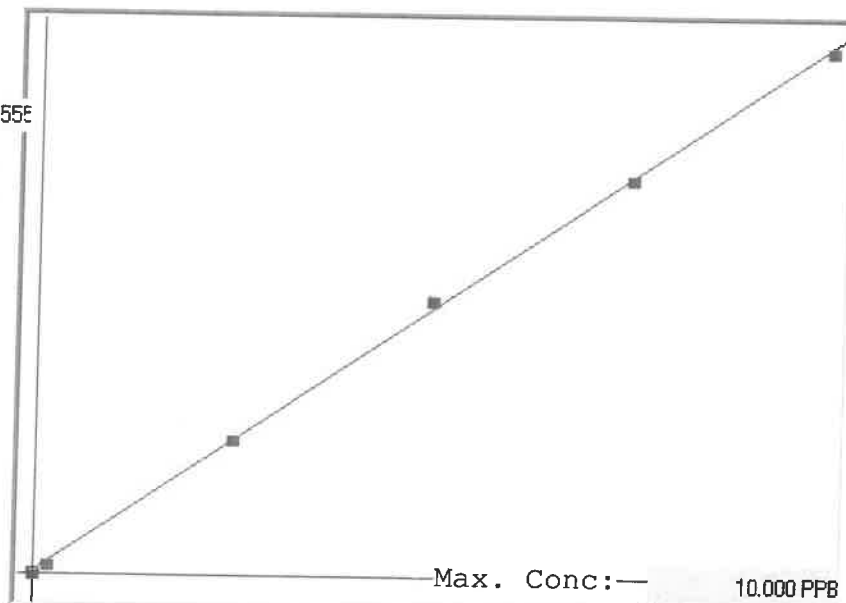
7470A

LB137920

INSTRUMENT ID: CV2

μ Abs.:

42555



A= 0.0000e+000

B= 2.3434e-004

C= -4.8898e-002

Rho= 0.9997702

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	-0.033	-0.033	66	0.000	66	0			
0.2	0.200	0.142	-0.058	816	0.0 %	816	0			
2.5	2.500	2.522	0.022	10972	0.0 %	10972	0			
5.0	5.000	5.163	0.163	22239	0.0 %	22239				
7.5	7.500	7.482	-0.018	32138	0.0 %	32138				
10.0	10.000	9.924	-0.076	42555	0.0 %	42555				

LB137920 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 17 Nov 2025 14:38:51

Type	Sample ID	Extended ID	Conc	μ Abs	Units	Type	Std Conc	Method	Date
S	0.0 - 1	50	-	66	PPB	Std	0.0000	7470A	17 Nov 2025 14:41:54
S	0.2 - 1	50.2	-	816	PPB	Std	0.2000	7470A	17 Nov 2025 14:46:52
S	2.5 - 1	52.5	-	10972	PPB	Std	2.5000	7470A	17 Nov 2025 14:49:09
S	5.0 - 1	55	-	22239	PPB	Std	5.0000	7470A	17 Nov 2025 14:51:26
S	7.5 - 1	57.5	-	32138	PPB	Std	7.5000	7470A	17 Nov 2025 14:53:42
S	10.0 - 1	50	-	42555	PPB	Std	10.0000	7470A	17 Nov 2025 15:11:36
U	ICV118 - 1	ICV118	3.9495	17062	PPB	SMPL	-7470A		17 Nov 2025 15:17:04
U	ICB118 - 1	ICB118	-0.0524	-15	PPB	SMPL	-7470A		17 Nov 2025 15:19:29
U	CCV04 - 1	CCV04	5.0223	21640	PPB	SMPL	-7470A		17 Nov 2025 15:21:44
U	CCB04 - 1	CCB04	-0.0571	-35	PPB	SMPL	-7470A		17 Nov 2025 15:23:59
U	CRA - 1	CRA	0.1641	909	PPB	SMPL	-7470A		17 Nov 2025 15:26:14
U	HighStd - 1	HighStd	9.7999	42027	PPB	SMPL	-7470A		17 Nov 2025 15:28:37
U	ChkStd - 1	ChkStd	7.3334	31502	PPB	SMPL	-7470A		17 Nov 2025 15:30:52
U	PB170585BL - 1	PBW	-0.0721	-99	PPB	SMPL	-7470A		17 Nov 2025 15:33:10
U	PB170585BS - 1	LCSW	3.7615	16260	PPB	SMPL	-7470A		17 Nov 2025 15:35:27
U	Q3628-04 - 1	TP-5	-0.0791	-129	PPB	SMPL	-7470A		17 Nov 2025 15:37:43
U	Q3638-02 - 1	MOO-25-0327	-0.0576	-37	PPB	SMPL	-7470A		17 Nov 2025 15:40:00
U	Q3638-04 - 1	MOO-25-0328	-0.0451	16	PPB	SMPL	-7470A		17 Nov 2025 15:42:17
U	Q3640-02 - 1	LAW-25-0179-0180	-0.0372	50	PPB	SMPL	-7470A		17 Nov 2025 15:44:34
U	Q3640-03 - 1	LAW-25-0182	-0.0369	51	PPB	SMPL	-7470A		17 Nov 2025 15:46:49
U	CCV05 - 1	CCV05	4.9902	21503	PPB	SMPL	-7470A		17 Nov 2025 15:49:04
U	CCB05 - 1	CCB05	-0.0616	-54	PPB	SMPL	-7470A		17 Nov 2025 15:51:19
U	Q3647-02 - 1	VNJ-212	-0.0430	25	PPB	SMPL	-7470A		17 Nov 2025 15:53:35
U	Q3649-07 - 1	B4-0.0-0.5-20251114	-0.0421	29	PPB	SMPL	-7470A		17 Nov 2025 15:55:50
U	Q3649-07DUP - 1	B4-0.0-0.5-20251114DUP	-0.0421	29	PPB	SMPL	-7470A		17 Nov 2025 15:58:05
U	Q3649-07MS - 1	B4-0.0-0.5-20251114MS	3.8318	16560	PPB	SMPL	-7470A		17 Nov 2025 16:00:21
U	Q3649-07MSD - 1	B4-0.0-0.5-20251114MSD	3.7362	16152	PPB	SMPL	-7470A		17 Nov 2025 16:02:36
U	PB170544TB - 1	PB170544TB	-0.0866	-161	PPB	SMPL	-7470A		17 Nov 2025 16:04:53
U	Q3649-07LX5 - 1		-0.0536	-20	PPB	SMPL	-7470A		17 Nov 2025 16:07:10
U	Q3649-07A - 1		3.8443	16613	PPB	SMPL	-7470A		17 Nov 2025 16:09:27
U	CCV06 - 1	CCV06	4.9825	21470	PPB	SMPL	-7470A		17 Nov 2025 16:11:44
U	CCB06 - 1	CCB06	-0.0606	-50	PPB	SMPL	-7470A		17 Nov 2025 16:14:00

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: 11/17/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 11/17/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *S/P*

Supervisor Signature: *[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 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25 16:32	<i>S/P</i> metal lab	<i>[Signature]</i> metal lab
	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
PB170544TB	PB170544TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170583BL	PBW583	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB170583BS	LCS583	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	3
Q3486-11	TP6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3588-07	TR-06-11072025	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3628-04	TP-5	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3638-02	MOO-25-0327	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3638-04	MOO-25-0328	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3640-02	LAW-25-0179-0180	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3640-03	LAW-25-0182	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3647-02	VNJ-212	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3649-07	B4-0.0-0.5-20251114	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3649-07MS	B4-0.0-0.5-20251114MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	14
Q3649-07MSD	B4-0.0-0.5-20251114MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	15
Q3649-07DUP	B4-0.0-0.5-20251114DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13

TCLP EXTRACTION LOGPAGE

PB170544

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170544TB	LEB544	10	N/A	2000	N/A	N/A	N/A	4.95	1.5	T-1
Q3486-11	TP6	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3588-07	TR-06-11072025	02	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3628-04	TP-5	03	100.02	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3638-02	MOO-25-0327	04	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3638-04	MOO-25-0328	05	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3640-02	LAW-25-0179-0180	06	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3640-03	LAW-25-0182	07	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q3647-02	VNJ-212	08	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3649-07	B4-0.0-0.5-20251114	09	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 11/17/2025 Time : 10:35 Temp : 94 °C

End Digest Date: 11/17/2025 Time : 12:35 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87988
CCV	30mL	MP87990
CRA	30mL	MP87992
Blank Spike	0.48mL	MP87981
Matrix Spike	0.48mL	MP87981

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	MP87982
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87983
2.5 ppb	S2.5	30mL	MP87984
5.0 ppb	S5.0	30mL	MP87985
7.5 ppb	S7.5	30mL	MP87986
10.0 ppb	S10.0	30mL	MP87987
ICV	ICV	30mL	MP87988
ICB	ICB	30mL	MP87989
CCV	CCV	30mL	MP87990
CCB	CCB	30mL	MP87991
CRI	CRI	30mL	MP87992
CHK STD	CHK STD	30mL	MP87993

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25 @ 13:15	MS - DTS Lab	MS - DTS Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170544TB	PB170544TB	3	30	<2	N/A	3-1
PB170585BL	PBW585	30	30	<2	N/A	2
PB170585BS	LCS585	30	30	<2	MP87981	3
Q3628-04	TP-5	3	30	<2	N/A	4
Q3638-02	MOO-25-0327	3	30	<2	N/A	5
Q3638-04	MOO-25-0328	3	30	<2	N/A	6
Q3640-02	LAW-25-0179-0180	3	30	<2	N/A	7
Q3640-03	LAW-25-0182	3	30	<2	N/A	8
Q3647-02	VNJ-212	3	30	<2	N/A	9
Q3649-07	B4-0.0-0.5-20251114	3	30	<2	N/A	10
Q3649-07DUP	B4-0.0-0.5-20251114DUP	3	30	<2	N/A	11
Q3649-07MS	B4-0.0-0.5-20251114MS	3	30	<2	MP87981	12
Q3649-07MSD	B4-0.0-0.5-20251114MSD	3	30	<2	MP87981	13

TCLP EXTRACTION LOGPAGE

PB170544

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170544TB	LEB544	10	N/A	2000	N/A	N/A	N/A	4.95	1.5	T-1
Q3486-11	TP6	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3588-07	TR-06-11072025	02	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3628-04	TP-5	03	100.02	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3638-02	MOO-25-0327	04	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3638-04	MOO-25-0328	05	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3640-02	LAW-25-0179-0180	06	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3640-03	LAW-25-0182	07	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q3647-02	VNJ-212	08	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3649-07	B4-0.0-0.5-20251114	09	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137920

Review By	mohan	Review On	11/18/2025 8:39:29 AM
Supervise By	jaswal	Supervise On	11/18/2025 11:56:29 AM

STD. NAME	STD REF.#
ICAL Standard	MP87982,MP87983,MP87984,MP87985,MP87986,MP87987
ICV Standard	MP87988
CCV Standard	MP87990
ICSA Standard	
CRI Standard	MP87992
LCS Standard	
Chk Standard	MP87989,MP87991,MP87993,MP87995

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/17/25 14:41		mohan	OK
2	S0.2	S0.2	CAL2	11/17/25 14:46		mohan	OK
3	S2.5	S2.5	CAL3	11/17/25 14:49		mohan	OK
4	S5	S5	CAL4	11/17/25 14:51		mohan	OK
5	S7.5	S7.5	CAL5	11/17/25 14:53		mohan	OK
6	S10	S10	CAL6	11/17/25 15:11		mohan	OK
7	ICV118	ICV118	ICV	11/17/25 15:17		mohan	OK
8	ICB118	ICB118	ICB	11/17/25 15:19		mohan	OK
9	CCV04	CCV04	CCV	11/17/25 15:21		mohan	OK
10	CCB04	CCB04	CCB	11/17/25 15:23		mohan	OK
11	CRA	CRA	CRDL	11/17/25 15:26		mohan	OK
12	HighStd	HighStd	HIGH STD	11/17/25 15:28		mohan	OK
13	ChkStd	ChkStd	SAM	11/17/25 15:30		mohan	OK
14	PB170585BL	PB170585BL	MB	11/17/25 15:33		mohan	OK
15	PB170585BS	PB170585BS	LCS	11/17/25 15:35		mohan	OK
16	Q3628-04	TP-5	SAM	11/17/25 15:37		mohan	OK
17	Q3638-02	MOO-25-0327	SAM	11/17/25 15:40		mohan	OK
18	Q3638-04	MOO-25-0328	SAM	11/17/25 15:42		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137920

Review By	mohan	Review On	11/18/2025 8:39:29 AM
Supervise By	jaswal	Supervise On	11/18/2025 11:56:29 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87982,MP87983,MP87984,MP87985,MP87986,MP87987		
ICV Standard	MP87988		
CCV Standard	MP87990		
ICSA Standard			
CRI Standard	MP87992		
LCS Standard			
Chk Standard	MP87989,MP87991,MP87993,MP87995		

19	Q3640-02	LAW-25-0179-0180	SAM	11/17/25 15:44		mohan	OK
20	Q3640-03	LAW-25-0182	SAM	11/17/25 15:46		mohan	OK
21	CCV05	CCV05	CCV	11/17/25 15:49		mohan	OK
22	CCB05	CCB05	CCB	11/17/25 15:51		mohan	OK
23	Q3647-02	VNJ-212	SAM	11/17/25 15:53		mohan	OK
24	Q3649-07	B4-0.0-0.5-20251114	SAM	11/17/25 15:55		mohan	OK
25	Q3649-07DUP	B4-0.0-0.5-20251114	DUP	11/17/25 15:58		mohan	OK
26	Q3649-07MS	B4-0.0-0.5-20251114	MS	11/17/25 16:00		mohan	OK
27	Q3649-07MSD	B4-0.0-0.5-20251114	MSD	11/17/25 16:02		mohan	OK
28	PB170544TB	PB170544TB	MB	11/17/25 16:04		mohan	OK
29	Q3649-07L	B4-0.0-0.5-20251114	SD	11/17/25 16:07		mohan	OK
30	Q3649-07A	B4-0.0-0.5-20251114	PS	11/17/25 16:09		mohan	OK
31	CCV06	CCV06	CCV	11/17/25 16:11		mohan	OK
32	CCB06	CCB06	CCB	11/17/25 16:14		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	11/17/25 12:57		Jaswal	OK
2	S1	S1	CAL2	11/17/25 13:02		Jaswal	OK
3	S2	S2	CAL3	11/17/25 13:06		Jaswal	OK
4	S3	S3	CAL4	11/17/25 13:10		Jaswal	OK
5	S4	S4	CAL5	11/17/25 13:14		Jaswal	OK
6	S5	S5	CAL6	11/17/25 13:19		Jaswal	OK
7	ICV01	ICV01	ICV	11/17/25 13:23		Jaswal	OK
8	ICB01	ICB01	ICB	11/17/25 13:31		Jaswal	OK
9	CRI01	CRI01	CRDL	11/17/25 13:35		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/17/25 13:40		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/17/25 13:44		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/17/25 13:48		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/17/25 13:52		Jaswal	OK
14	CCV01	CCV01	CCV	11/17/25 13:57		Jaswal	OK
15	CCB01	CCB01	CCB	11/17/25 14:01		Jaswal	OK
16	PB170459BL	PB170459BL	MB	11/17/25 14:05		Jaswal	OK
17	PB170459BS	PB170459BS	LCS	11/17/25 14:10		Jaswal	OK
18	PB170471BL	PB170471BL	MB	11/17/25 14:14		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	PB170471BS	PB170471BS	LCS	11/17/25 14:18		Jaswal	OK
20	PB170557BL	PB170557BL	MB	11/17/25 14:22		Jaswal	OK
21	PB170557BS	PB170557BS	LCS	11/17/25 14:26		Jaswal	OK
22	PB170558BL	PB170558BL	MB	11/17/25 14:30		Jaswal	OK
23	PB170558BS	PB170558BS	LCS	11/17/25 14:35		Jaswal	OK
24	Q3628-01	TP-5	SAM	11/17/25 14:39		Jaswal	OK
25	Q3631-01	VNJ-202	SAM	11/17/25 14:43		Jaswal	OK
26	CCV02	CCV02	CCV	11/17/25 14:47		Jaswal	OK
27	CCB02	CCB02	CCB	11/17/25 14:51		Jaswal	OK
28	LR-1	LR-1	HIGH STD	11/17/25 14:55		Jaswal	OK
29	LR-2	LR-2	HIGH STD	11/17/25 15:00		Jaswal	OK
30	Q3631-03	VNJ-208	SAM	11/17/25 15:11		Jaswal	OK
31	LR-3	LR-3	HIGH STD	11/17/25 15:15		Jaswal	OK
32	Q3633-01	ETGI-369	SAM	11/17/25 15:19		Jaswal	OK
33	Q3633-03	ETGI-342	SAM	11/17/25 15:24		Jaswal	OK
34	Q3633-05	ETGI-368	SAM	11/17/25 15:28		Jaswal	OK
35	Q3633-05DUP	ETGI-368DUP	DUP	11/17/25 15:32		Jaswal	OK
36	Q3633-05L	ETGI-368L	SD	11/17/25 15:36		Jaswal	OK
37	Q3633-05MS	ETGI-368MS	MS	11/17/25 15:40		Jaswal	OK
38	CCV03	CCV03	CCV	11/17/25 15:44		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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		

39	CCB03	CCB03	CCB	11/17/25 15:48		Jaswal	OK
40	Q3633-05MSD	ETGI-368MSD	MSD	11/17/25 15:52		Jaswal	OK
41	Q3633-05A	ETGI-368A	PS	11/17/25 15:56	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
42	Q3641-01	TR-05-111325	SAM	11/17/25 16:00		Jaswal	OK
43	Q3630-01	DSN002	SAM	11/17/25 16:04		Jaswal	OK
44	Q3630-01DUP	DSN002DUP	DUP	11/17/25 16:09		Jaswal	OK
45	Q3630-01L	DSN002L	SD	11/17/25 16:13		Jaswal	OK
46	Q3630-01MS	DSN002MS	MS	11/17/25 16:17		Jaswal	OK
47	Q3630-01MSD	DSN002MSD	MSD	11/17/25 16:22		Jaswal	OK
48	Q3630-01A	DSN002A	PS	11/17/25 16:26	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
49	Q3630-05	DSN003	SAM	11/17/25 16:30		Jaswal	OK
50	CCV04	CCV04	CCV	11/17/25 16:34		Jaswal	OK
51	CCB04	CCB04	CCB	11/17/25 16:38		Jaswal	OK
52	PB170579BL	PB170579BL	MB	11/17/25 16:43		Jaswal	OK
53	PB170579BS	PB170579BS	LCS	11/17/25 16:47		Jaswal	OK
54	Q3645-01	HD-02-11142025	SAM	11/17/25 16:51		Jaswal	OK
55	Q3646-01	SU-03-11142025	SAM	11/17/25 16:55		Jaswal	OK
56	Q3647-01	VNJ-212	SAM	11/17/25 16:59		Jaswal	OK
57	Q3648-01	OR-02-111425	SAM	11/17/25 17:04		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	Q3649-01	B5-0.0-0.5-20251114	SAM	11/17/25 17:08		Jaswal	OK
59	Q3649-03	DUPE-0.0-0.5-20251114	SAM	11/17/25 17:12		Jaswal	OK
60	Q3649-06	B4-0.0-0.5-20251114	SAM	11/17/25 17:16		Jaswal	OK
61	Q3649-06DUP	B4-0.0-0.5-20251114	DUP	11/17/25 17:20		Jaswal	OK
62	CCV05	CCV05	CCV	11/17/25 17:24		Jaswal	OK
63	CCB05	CCB05	CCB	11/17/25 17:28		Jaswal	OK
64	Q3649-06L	B4-0.0-0.5-20251114	SD	11/17/25 17:33		Jaswal	OK
65	Q3649-06MS	B4-0.0-0.5-20251114	MS	11/17/25 17:37		Jaswal	OK
66	Q3649-06MSD	B4-0.0-0.5-20251114	MSD	11/17/25 17:41		Jaswal	OK
67	Q3649-06A	B4-0.0-0.5-20251114	PS	11/17/25 17:45	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
68	Q3649-08	B3-0.0-0.5-20251114	SAM	11/17/25 17:49		Jaswal	OK
69	PB170583BL	PB170583BL	MB	11/17/25 17:53		Jaswal	OK
70	PB170583BS	PB170583BS	LCS	11/17/25 17:57		Jaswal	OK
71	Q3486-11	TP6	SAM	11/17/25 18:06		Jaswal	OK
72	Q3588-07	TR-06-11072025	SAM	11/17/25 18:10		Jaswal	OK
73	CCV06	CCV06	CCV	11/17/25 18:15		Jaswal	OK
74	CCB06	CCB06	CCB	11/17/25 18:19		Jaswal	OK
75	Q3628-04	TP-5	SAM	11/17/25 18:23		Jaswal	OK
76	Q3638-02	MOO-25-0327	SAM	11/17/25 18:28		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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		

77	Q3638-04	MOO-25-0328	SAM	11/17/25 18:32		Jaswal	OK
78	Q3640-02	LAW-25-0179-0180	SAM	11/17/25 18:37		Jaswal	OK
79	Q3640-03	LAW-25-0182	SAM	11/17/25 18:41		Jaswal	OK
80	Q3647-02	VNJ-212	SAM	11/17/25 18:45		Jaswal	OK
81	Q3649-07	B4-0.0-0.5-20251114	SAM	11/17/25 18:50		Jaswal	OK
82	Q3649-07DUP	B4-0.0-0.5-20251114	DUP	11/17/25 18:54		Jaswal	OK
83	Q3649-07L	B4-0.0-0.5-20251114	SD	11/17/25 18:59		Jaswal	OK
84	Q3649-07MS	B4-0.0-0.5-20251114	MS	11/17/25 19:03		Jaswal	OK
85	CCV07	CCV07	CCV	11/17/25 19:07		Jaswal	OK
86	CCB07	CCB07	CCB	11/17/25 19:11		Jaswal	OK
87	Q3649-07MSD	B4-0.0-0.5-20251114	MSD	11/17/25 19:16		Jaswal	OK
88	Q3649-07A	B4-0.0-0.5-20251114	PS	11/17/25 19:20	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
89	CCV08	CCV08	CCV	11/17/25 19:24		Jaswal	OK
90	CCB08	CCB08	CCB	11/17/25 19:28		Jaswal	OK
91	CCV09	CCV09	CCV	11/17/25 19:47		Jaswal	OK
92	LLCCV	LLCCV	LLCCV	11/17/25 19:57		Jaswal	OK
93	CCB09	CCB09	CCB	11/17/25 20:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137997

Review By	jaswal	Review On	11/25/2025 10:46:06 AM
Supervise By	mohan	Supervise On	11/25/2025 10:49:02 AM
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	11/20/25 12:47		Jaswal	OK
2	S1	S1	CAL2	11/20/25 12:51		Jaswal	OK
3	S2	S2	CAL3	11/20/25 12:55		Jaswal	OK
4	S3	S3	CAL4	11/20/25 13:00		Jaswal	OK
5	S4	S4	CAL5	11/20/25 13:04		Jaswal	OK
6	S5	S5	CAL6	11/20/25 13:08		Jaswal	OK
7	ICV01	ICV01	ICV	11/20/25 13:12		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/20/25 13:17		Jaswal	OK
9	ICB01	ICB01	ICB	11/20/25 13:21		Jaswal	OK
10	CRI01	CRI01	CRDL	11/20/25 13:26		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/20/25 13:39		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/20/25 13:44		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/20/25 13:48		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/20/25 13:52		Jaswal	OK
15	CCV01	CCV01	CCV	11/20/25 13:56		Jaswal	OK
16	CCB01	CCB01	CCB	11/20/25 14:01		Jaswal	OK
17	PB170544TB	PB170544TB	MB	11/20/25 14:05		Jaswal	OK
18	PB170657BL	PB170657BL	MB	11/20/25 14:10		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137997

Review By	jaswal	Review On	11/25/2025 10:46:06 AM
Supervise By	mohan	Supervise On	11/25/2025 10:49:02 AM
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	PB170657BS	PB170657BS	LCS	11/20/25 14:14		Jaswal	OK
20	Q3671-01	Zeltmann Power Plant	SAM	11/20/25 15:07	Fe high, Ag Oversaturated.	Jaswal	Dilution
21	Q3671-01DL	Zeltmann Power Plant	SAM	11/20/25 15:11	5X for Fe and Ag	Jaswal	Confirms
22	Q3677-01	COMP-1	SAM	11/20/25 15:15	Not Use	Jaswal	Not Ok
23	Q3671-01DL2	Zeltmann Power Plant	SAM	11/20/25 15:20	Not Use	Jaswal	Not Ok
24	Q3671-01DL3	Zeltmann Power Plant	SAM	11/20/25 15:26	Not Use	Jaswal	Not Ok
25	CCV02	CCV02	CCV	11/20/25 15:42		Jaswal	OK
26	CCB02	CCB02	CCB	11/20/25 15:46		Jaswal	OK

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 40819719

Start Prep Date : 11/14/2025 Time : 16:00
End Prep Date : 11/15/2025 Time : 10:25
Combination Ratio : 20
ZHE Cleaning Batch : N/A 10
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *SB*
Supervisor By : *12*

Standardized Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114526
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q3649-07 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25 10:00	<i>SB</i> <i>12/11/2025</i>	<i>5123. RS 1E+T</i>
	Preparation Group	Analysis Group <i>12/11/25</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170544TB	LEB544	10	N/A	2000	N/A	N/A	N/A	4.95	1.5	T-1
Q3486-11	TP6	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3588-07	TR-06-11072025	02	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3628-04	TP-5	03	100.02	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3638-02	MOO-25-0327	04	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3638-04	MOO-25-0328	05	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3640-02	LAW-25-0179-0180	06	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3640-03	LAW-25-0182	07	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q3647-02	VNJ-212	08	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3649-07	B4-0.0-0.5-20251114	09	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170544TB	LEB544	N/A	N/A	N/A	N/A	N/A	N/A
Q3486-11	TP6	N/A	N/A	N/A	N/A	100	N/A
Q3588-07	TR-06-11072025	N/A	N/A	N/A	N/A	100	N/A
Q3628-04	TP-5	N/A	N/A	N/A	N/A	100	N/A
Q3638-02	MOO-25-0327	N/A	N/A	N/A	N/A	100	N/A
Q3638-04	MOO-25-0328	N/A	N/A	N/A	N/A	100	N/A
Q3640-02	LAW-25-0179-0180	N/A	N/A	N/A	N/A	100	N/A
Q3640-03	LAW-25-0182	N/A	N/A	N/A	N/A	100	N/A
Q3647-02	VNJ-212	N/A	N/A	N/A	N/A	100	N/A
Q3649-07	B4-0.0-0.5-20251114	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170544TB	LEB544	N/A	N/A	N/A	N/A	#1	4.95
Q3486-11	TP6	5.03	96.5	5.5	1.5	#1	4.95
Q3588-07	TR-06-11072025	5.03	96.5	7.6	2.5	#1	4.95
Q3628-04	TP-5	5.02	96.5	8.0	3.0	#1	4.95
Q3638-02	MOO-25-0327	5.02	96.5	7.6	2.5	#1	4.95
Q3638-04	MOO-25-0328	5.03	96.5	6.8	2.5	#1	4.95
Q3640-02	LAW-25-0179-0180	5.03	96.5	6.4	2.0	#1	4.95
Q3640-03	LAW-25-0182	5.04	96.5	6.6	2.0	#1	4.95
Q3647-02	VNJ-212	5.02	96.5	11.5	4.5	#1	4.95
Q3649-07	B4-0.0-0.5-20251114	5.02	96.5	7.6	3.0	#1	4.95



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: HDR
REPORT TO BE SENT TO:
ADDRESS: 50 Tice Blvd Suite 210
CITY: Woodcliff Lake STATE: NJ ZIP: 07677
ATTENTION: Andrew Wadden
PHONE: 201-312-0752 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: PVWL
PROJECT NO.: 10367568 LOCATION: Cliffon, NJ
PROJECT MANAGER: Andrew Wadden
e-mail: Andrew.Wadden@HDRInc.com
PHONE: 201-312-0752 FAX: N/A

CLIENT BILLING INFORMATION

BILL TO: HDR PO#:
ADDRESS: 50 Tice Blvd Suite 210
CITY: Woodcliff Lake STATE: NJ ZIP: 07677
ATTENTION: Andrew Wadden PHONE: 201-312-0752

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard SAT _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. TCL VOCs
2. TCLSVOCs
3. Petroleum Hydrocarbons
4. 15-200 ug/L (range)
5. TAL Metals
6. CLP for Arsenic
7. Lead, Cadmium, Chromium, Nickel, Silver, and Vanadium
8. 15-200 ug/L (range)
9. Daily HCL

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	F	E	E	E	E	E	E	E	← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER	
1.	B5-0.0-0.5-20251114	S		X	11/14/25	1030	3		X	X	X							
2.	B5-0.5-1.0-20251114			X		1035	4	X										
3.	Pure-0.0-0.5-20251114			X		1230	3		X	X	X							
4.	Pure-0.5-1.0-20251114			X		1220	4	X										
5.	B4-0.05-1.0-20251114			X		1215	4	X										
6.	B4-0.0-0.5-20251114			X		1225	6		X	X	X	X	X	X	X	X		
7.	B3-0.0-0.5-20251114			X		1400	3		X	X	X							
8.	B3-0.5-1.0-20251114			X		1355	4	X										
9.				X														
10.				X														

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

RELINQUISHED BY SAMPLER: 1. [Signature] DATE/TIME: 1420 11/14/25 RECEIVED BY: 1. [Signature] 1420 11/14/25
RELINQUISHED BY SAMPLER: 2. [Signature] DATE/TIME: RECEIVED BY: 2. [Signature]
RELINQUISHED BY SAMPLER: 3. [Signature] DATE/TIME: 1500 11-14-25 RECEIVED BY: 3. [Signature]

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9 °C
Comments:

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 : Q3649	HDRIO8	Order Date : 11/14/2025 3:02:13 PM	Project Mgr :
Client Name : HDR, Inc.		Project Name : PVWC Linear Construction	Report Type : NJ Reduced
Client Contact : Andrew Wadden		Receive DateTime : 11/14/2025 3:00:00 PM	EDD Type : Excel NJ
Invoice Name : HDR, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Andrew Wadden			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3649-02	B5-0.5-1.0-20251114	Solid	11/14/2025	10:35					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3649-04	DUPE-0.5-1.0-20251114	Solid	11/14/2025	12:20					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3649-05	B4-0.05-1.0-20251114	Solid	11/14/2025	12:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3649-09	B3-0.5-1.0-20251114	Solid	11/14/2025	13:55					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Technotes

Relinquished By :

Date / Time :

[Signature]
11-14-25 1550

Received By :

Date / Time :

[Signature]
11-14-25

15:50

Storage Area : VOA Refridgerator Room

*Stored in rva
E8202 & ref # 06 (1)*