

Cover Page

Order ID : Q2301

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q2301-01
Q2301-02
Q2301-03
Q2301-04

Client Sample Number

WC-URBAN-FILL-G
WC-URBAN-FILL-C
WC-URBAN-FILL-C
WC-URBAN-FILL-C

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2301

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 06/18/2025

LAB CHRONICLE

OrderID:	Q2301	OrderDate:	6/12/2025 12:08:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2301-03	WC-URBAN-FILL-C	TCLP			06/11/25			06/11/25
			TCLP Mercury	7470A		06/13/25	06/16/25	
			TCLPMetals Group2	6010D		06/13/25	06/16/25	



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Hit Summary Sheet
SW-846

SDG No.:	Q2301	Order ID:	Q2301
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-URBAN-FILL-C								
Q2301-03	WC-URBAN-FILL-C	TCLP	Barium	0.95		0.073	0.50	mg/L
Q2301-03	WC-URBAN-FILL-C	TCLP	Lead	0.077		0.012	0.060	mg/L
Q2301-03	WC-URBAN-FILL-C	TCLP	Nickel	0.045	J	0.015	0.20	mg/L
Q2301-03	WC-URBAN-FILL-C	TCLP	Zinc	0.56		0.018	0.20	mg/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	06/11/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/11/25
Client Sample ID:	WC-URBAN-FILL-C	SDG No.:	Q2301
Lab Sample ID:	Q2301-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.026	U	1	0.026	0.10	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-39-3	Barium	0.95		1	0.073	0.50	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-43-9	Cadmium	0.0025	U	1	0.0025	0.030	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-47-3	Chromium	0.011	U	1	0.011	0.050	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-50-8	Copper	0.023	U	1	0.023	0.10	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7439-92-1	Lead	0.077		1	0.012	0.060	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7439-97-6	Mercury	0.00076	U	1	0.00076	0.0020	mg/L	06/13/25 11:05	06/16/25 10:09	7470A	
7440-02-0	Nickel	0.045	J	1	0.015	0.20	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7782-49-2	Selenium	0.048	U	1	0.048	0.10	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-22-4	Silver	0.0081	U	1	0.0081	0.050	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050
7440-66-6	Zinc	0.56		1	0.018	0.20	mg/L	06/13/25 12:30	06/16/25 17:26	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
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
ICV38	Mercury	3.63	4.0	91	90 - 110	CV	06/16/2025	09:16	LB136157

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
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
CCV42	Mercury	4.94	5.0	99	90 - 110	CV	06/16/2025	09:21	LB136157
CCV43	Mercury	4.83	5.0	97	90 - 110	CV	06/16/2025	09:53	LB136157
CCV44	Mercury	4.71	5.0	94	90 - 110	CV	06/16/2025	10:25	LB136157
CCV45	Mercury	4.75	5.0	95	90 - 110	CV	06/16/2025	10:40	LB136157

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
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	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Barium	7830	8000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Cadmium	1950	2000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Chromium	812	800	102	90 - 110	P	06/16/2025	14:03	lb136164
	Copper	1030	1000	103	90 - 110	P	06/16/2025	14:03	lb136164
	Lead	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Nickel	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Selenium	3940	4000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Silver	963	1000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Zinc	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q2301
Contract: ENTA05 Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301
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	16.6	20.0	83	80 - 120	P	06/16/2025	14:42	lb136164
	Barium	101	100	101	80 - 120	P	06/16/2025	14:42	lb136164
	Cadmium	5.68	6.0	95	80 - 120	P	06/16/2025	14:42	lb136164
	Chromium	9.87	10.0	99	80 - 120	P	06/16/2025	14:42	lb136164
	Copper	22.6	20.0	113	80 - 120	P	06/16/2025	14:42	lb136164
	Lead	12.5	12.0	104	80 - 120	P	06/16/2025	14:42	lb136164
	Nickel	39.0	40.0	98	80 - 120	P	06/16/2025	14:42	lb136164
	Selenium	18.6	20.0	93	80 - 120	P	06/16/2025	14:42	lb136164
	Silver	10.8	10.0	108	80 - 120	P	06/16/2025	14:42	lb136164
	Zinc	41.4	40.0	104	80 - 120	P	06/16/2025	14:42	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q2301
Contract: ENTA05 Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301
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	5140	5000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Barium	10300	10000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Cadmium	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Chromium	1050	1000	105	90 - 110	P	06/16/2025	15:26	lb136164
	Copper	1300	1250	104	90 - 110	P	06/16/2025	15:26	lb136164
	Lead	5100	5000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Nickel	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Selenium	5180	5000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Silver	1320	1250	106	90 - 110	P	06/16/2025	15:26	lb136164
	Zinc	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
CCV02	Arsenic	5040	5000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Cadmium	2520	2500	101	90 - 110	P	06/16/2025	16:29	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	16:29	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	16:29	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Selenium	5090	5000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	16:29	lb136164
	Zinc	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
CCV03	Arsenic	5060	5000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Cadmium	2530	2500	101	90 - 110	P	06/16/2025	17:31	lb136164
	Chromium	1010	1000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Copper	1280	1250	102	90 - 110	P	06/16/2025	17:31	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	17:31	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Selenium	5070	5000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Silver	1260	1250	101	90 - 110	P	06/16/2025	17:31	lb136164
	Zinc	2500	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
CCV04	Arsenic	4970	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	18:29	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Chromium	988	1000	99	90 - 110	P	06/16/2025	18:29	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2301

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Copper	1290	1250	103	90 - 110	P	06/16/2025	18:29	lb136164
	Lead	4960	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Nickel	2490	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	18:29	lb136164
	Zinc	2520	2500	101	90 - 110	P	06/16/2025	18:29	lb136164
CCV05	Arsenic	4990	5000	100	90 - 110	P	06/16/2025	19:17	lb136164
	Barium	10400	10000	104	90 - 110	P	06/16/2025	19:17	lb136164
	Cadmium	2510	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Chromium	989	1000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	19:17	lb136164
	Lead	4950	5000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Nickel	2500	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Selenium	5040	5000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Silver	1240	1250	99	90 - 110	P	06/16/2025	19:17	lb136164
	Zinc	2530	2500	101	90 - 110	P	06/16/2025	19:17	lb136164
CCV06	Arsenic	4950	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	20:04	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	20:04	lb136164
	Lead	4940	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Nickel	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	20:04	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	20:04	lb136164
	Zinc	2480	2500	99	90 - 110	P	06/16/2025	20:04	lb136164
	Arsenic	4910	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:52	lb136164
CCV07	Cadmium	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Chromium	982	1000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Copper	1310	1250	105	90 - 110	P	06/16/2025	20:52	lb136164
	Lead	4880	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Nickel	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Selenium	4960	5000	99	90 - 110	P	06/16/2025	20:52	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q2301
Contract: ENTA05 Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Silver	1230	1250	99	90 - 110	P	06/16/2025	20:52	lb136164
	Zinc	2440	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
CCV08	Arsenic	4870	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Barium	9880	10000	99	90 - 110	P	06/16/2025	21:14	lb136164
	Cadmium	2450	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Chromium	984	1000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	21:14	lb136164
	Lead	4850	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Nickel	2440	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Selenium	4930	5000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	21:14	lb136164
	Zinc	2440	2500	97	90 - 110	P	06/16/2025	21:14	lb136164



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Fax : 908 789 8922

Metals

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CRDL STANDARD FOR AA & ICP

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	111	70 - 130	CV	06/16/2025	09:25	LB136157
CRI01	Arsenic	16.3	20.0	82	65 - 135	P	06/16/2025	14:53	lb136164
	Barium	101	100	101	65 - 135	P	06/16/2025	14:53	lb136164
	Cadmium	5.66	6.0	94	65 - 135	P	06/16/2025	14:53	lb136164
	Chromium	9.79	10.0	98	65 - 135	P	06/16/2025	14:53	lb136164
	Copper	23.0	20.0	115	65 - 135	P	06/16/2025	14:53	lb136164
	Lead	11.5	12.0	96	65 - 135	P	06/16/2025	14:53	lb136164
	Nickel	38.8	40.0	97	65 - 135	P	06/16/2025	14:53	lb136164
	Selenium	17.6	20.0	88	65 - 135	P	06/16/2025	14:53	lb136164
	Silver	11.0	10.0	110	65 - 135	P	06/16/2025	14:53	lb136164
	Zinc	41.7	40.0	104	65 - 135	P	06/16/2025	14:53	lb136164



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Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>ENTACT</u>				SDG No.:	<u>Q2301</u>				
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>		Case No.:	<u>Q2301</u>	SAS No.:	<u>Q2301</u>		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB38	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	09:19	LB136157	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>ENTACT</u>		SDG No.: <u>Q2301</u>							
Contract: <u>ENTA05</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2301</u>	SAS No.: <u>Q2301</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB42	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	09:23	LB136157
CCB43	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	09:55	LB136157
CCB44	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	10:28	LB136157
CCB45	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	10:42	LB136157

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301

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	06/16/2025	14:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	14:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	14:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	14:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	14:49	lb136164



- 3a -

Client:	ENTACT			SDG No.:	Q2301				
Contract:	ENTA05	Lab Code:	CHEM	Case No.:	Q2301	SAS No.:	Q2301		
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	06/16/2025	15:30	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	15:30	lb136164
	Cadmium	1.35	+/-3	J	6.00	P	06/16/2025	15:30	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Lead	3.27	+/-6	J	12.0	P	06/16/2025	15:30	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	15:30	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Zinc	5.12	+/-20	J	40.0	P	06/16/2025	15:30	lb136164
CCB02	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	16:34	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	16:34	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	16:34	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	16:34	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	16:34	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
CCB03	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	17:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	17:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
CCB04	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	18:33	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	18:33	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	18:33	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	18:33	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	18:33	lb136164

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>ENTACT</u>		SDG No.: <u>Q2301</u>							
Contract: <u>ENTA05</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2301</u>	SAS No.: <u>Q2301</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
CCB05	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	19:21	lb136164
	Cadmium	3.56	+/-3	J*	6.00	P	06/16/2025	19:21	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Lead	5.87	+/-6	J	12.0	P	06/16/2025	19:21	lb136164
	Nickel	3.47	+/-20	J	40.0	P	06/16/2025	19:21	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	19:21	lb136164
CCB06	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:08	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	20:08	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:08	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:08	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
CCB07	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:56	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:56	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	21:18	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	21:18	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	21:18	lb136164

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>ENTACT</u>		SDG No.: <u>Q2301</u>							
Contract: <u>ENTA05</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2301</u>		SAS No.: <u>Q2301</u>					
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	1.62	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	21:18	lb136164

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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

Client: ENTACT

SDG No.: Q2301

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168428TB		WATER		Batch Number:	PB168479		Prep Date:	06/13/2025	
	Mercury	0.76	<2	U	2.00	CV	06/16/2025	10:30	LB136157
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168479BL		WATER		Batch Number:	PB168479		Prep Date:	06/13/2025	
	Mercury	0.076	<0.2	U	0.20	CV	06/16/2025	09:32	LB136157

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2301

Instrument: P5

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168428TB		WATER		Batch Number:	PB168477		Prep Date:	06/13/2025	
	Arsenic	25.6	<50	U	100	P	06/16/2025	16:06	lb136164
	Barium	72.8	<250	U	500	P	06/16/2025	16:06	lb136164
	Cadmium	2.50	<15	U	30.0	P	06/16/2025	16:06	lb136164
	Chromium	10.6	<25	U	50.0	P	06/16/2025	16:06	lb136164
	Copper	23.0	<50	U	100	P	06/16/2025	16:06	lb136164
	Lead	11.5	<30	U	60.0	P	06/16/2025	16:06	lb136164
	Nickel	15.3	<100	U	200	P	06/16/2025	16:06	lb136164
	Selenium	48.2	<50	U	100	P	06/16/2025	16:06	lb136164
	Silver	8.10	<25	U	50.0	P	06/16/2025	16:06	lb136164
	Zinc	17.5	<100	U	200	P	06/16/2025	16:06	lb136164
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168477BL		WATER		Batch Number:	PB168477		Prep Date:	06/13/2025	
	Arsenic	25.6	<50	U	100	P	06/16/2025	16:15	lb136164
	Barium	72.8	<250	U	500	P	06/16/2025	16:15	lb136164
	Cadmium	2.50	<15	U	30.0	P	06/16/2025	16:15	lb136164
	Chromium	10.6	<25	U	50.0	P	06/16/2025	16:15	lb136164
	Copper	23.0	<50	U	100	P	06/16/2025	16:15	lb136164
	Lead	11.5	<30	U	60.0	P	06/16/2025	16:15	lb136164
	Nickel	15.3	<100	U	200	P	06/16/2025	16:15	lb136164
	Selenium	48.2	<50	U	100	P	06/16/2025	16:15	lb136164
	Silver	8.10	<25	U	50.0	P	06/16/2025	16:15	lb136164
	Zinc	17.5	<100	U	200	P	06/16/2025	16:15	lb136164

Metals
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INTERFERENCE CHECK SAMPLE

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
ICS Source: EPA **Instrument ID:** P5

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	-2.78			-20	20	06/16/2025	14:59	lb136164
	Barium	7.67	6.0	128	-94	106	06/16/2025	14:59	lb136164
	Cadmium	-1.53	1.0	153	-5	7	06/16/2025	14:59	lb136164
	Chromium	51.2	52.0	98	42	62	06/16/2025	14:59	lb136164
	Copper	-9.05	2.0	452	-18	22	06/16/2025	14:59	lb136164
	Lead	4.50			-12	12	06/16/2025	14:59	lb136164
	Nickel	1.27	2.0	64	-38	42	06/16/2025	14:59	lb136164
	Selenium	-0.94			-20	20	06/16/2025	14:59	lb136164
	Silver	5.28			-10	10	06/16/2025	14:59	lb136164
	Zinc	11.4			-40	40	06/16/2025	14:59	lb136164
ICSAB01	Arsenic	94.4	100	94	85	120	06/16/2025	15:06	lb136164
	Barium	539	540	100	440	640	06/16/2025	15:06	lb136164
	Cadmium	1030	970	106	820	1100	06/16/2025	15:06	lb136164
	Chromium	563	540	104	460	620	06/16/2025	15:06	lb136164
	Copper	495	510	97	430	590	06/16/2025	15:06	lb136164
	Lead	52.7	49.0	108	37	61	06/16/2025	15:06	lb136164
	Nickel	1010	950	106	810	1100	06/16/2025	15:06	lb136164
	Selenium	55.7	46.0	121	26	66	06/16/2025	15:06	lb136164
	Silver	173	200	86	170	230	06/16/2025	15:06	lb136164
	Zinc	1070	950	113	810	1100	06/16/2025	15:06	lb136164



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q2301
contract: ENTA05 **lab code:** CHEM **case no.:** Q2301 **sas no.:** Q2301
matrix: Water **sample id:** Q2310-04 **client id:** TP-7MS
Percent Solids for Sample: NA **Spiked ID:** Q2310-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4150		100	U	4000	104		P
Barium	ug/L	75 - 125	3400		2270		1000	113		P
Cadmium	ug/L	75 - 125	1060		4.56	J	1000	105		P
Chromium	ug/L	75 - 125	2080		15.8	J	2000	103		P
Copper	ug/L	75 - 125	1620		131		1500	99		P
Lead	ug/L	75 - 125	4940		34.8	J	5000	98		P
Mercury	ug/L	75 - 125	35.3		2.00	U	40.0	88		CV
Nickel	ug/L	75 - 125	2620		44.0	J	2500	103		P
Selenium	ug/L	75 - 125	9860		100	U	10000	99		P
Silver	ug/L	75 - 125	364		50.0	U	380	97		P
Zinc	ug/L	75 - 125	1320		322		1000	100		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q2301
contract: ENTA05 **lab code:** CHEM **case no.:** Q2301 **sas no.:** Q2301
matrix: Water **sample id:** Q2310-04 **client id:** TP-7MSD
Percent Solids for Sample: NA **Spiked ID:** Q2310-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4050		100	U	4000	101		P
Barium	ug/L	75 - 125	3390		2270		1000	112		P
Cadmium	ug/L	75 - 125	1030		4.56	J	1000	103		P
Chromium	ug/L	75 - 125	2020		15.8	J	2000	100		P
Copper	ug/L	75 - 125	1580		131		1500	96		P
Lead	ug/L	75 - 125	4850		34.8	J	5000	96		P
Mercury	ug/L	75 - 125	35.3		2.00	U	40.0	88		CV
Nickel	ug/L	75 - 125	2570		44.0	J	2500	101		P
Selenium	ug/L	75 - 125	9680		100	U	10000	97		P
Silver	ug/L	75 - 125	349		50.0	U	380	93		P
Zinc	ug/L	75 - 125	1310		322		1000	99		P

Metals
- 5b -

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
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: ENTACT **Level:** LOW **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
Matrix: Water **Sample ID:** Q2310-04 **Client ID:** TP-7DUP
Percent Solids for Sample: NA **Duplicate ID** Q2310-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	2270		2100		8		P
Cadmium	ug/L	20	4.56	J	3.99	J	13		P
Chromium	ug/L	20	15.8	J	14.1	J	11		P
Copper	ug/L	20	131		131		0		P
Lead	ug/L	20	34.8	J	34.3	J	1		P
Mercury	ug/L	20	2.00	U	0.95	J	200.0		CV
Nickel	ug/L	20	44.0	J	42.7	J	3		P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P
Zinc	ug/L	20	322		324		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301
Matrix: Water **Sample ID:** Q2310-04MS **Client ID:** TP-7MSD
Percent Solids for Sample: NA **Duplicate ID** Q2310-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4150		4050		2		P
Barium	ug/L	20	3400		3390		0		P
Cadmium	ug/L	20	1060		1030		3		P
Chromium	ug/L	20	2080		2020		3		P
Copper	ug/L	20	1620		1580		3		P
Lead	ug/L	20	4940		4850		2		P
Mercury	ug/L	20	35.3		35.3		0		CV
Nickel	ug/L	20	2620		2570		2		P
Selenium	ug/L	20	9860		9680		2		P
Silver	ug/L	20	364		349		4		P
Zinc	ug/L	20	1320		1310		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT **SDG No.:** Q2301
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168477BS							
Arsenic	ug/L	4000	4020		100	80 - 120	P
Barium	ug/L	1000	1090		109	80 - 120	P
Cadmium	ug/L	1000	1050		105	80 - 120	P
Chromium	ug/L	2000	2180		109	80 - 120	P
Copper	ug/L	1500	1780		119	80 - 120	P
Lead	ug/L	5000	5190		104	80 - 120	P
Nickel	ug/L	2500	2690		108	80 - 120	P
Selenium	ug/L	10000	10900		109	80 - 120	P
Silver	ug/L	380	409		108	80 - 120	P
Zinc	ug/L	1000	1110		111	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168479BS Mercury	ug/L	4.0	3.63		91	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-7L

Lab Name: Chemtech Consulting Group

Contract: ENTA05

Lab Code: CHEM **Lb No.:** lb136164 **Lab Sample ID :** Q2310-04L **SDG No.:** Q2301

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	2270		2590		14		P
Cadmium	4.56	J	150	U	100.0		P
Chromium	15.8	J	250	U	100.0		P
Copper	131		162	J	23		P
Lead	34.8	J	300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Nickel	44.0	J	1000	U	100.0		P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P
Zinc	322		316	J	2		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2301

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2301

SAS No.: Q2301

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
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>ENTACT</u>	SDG No.:	<u>Q2301</u>
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2301</u>
		SAS No.:	<u>Q2301</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168477							
PB168428TB	PB168428TB	MB	WATER	06/13/2025	5.0	25.0	
PB168477BL	PB168477BL	MB	WATER	06/13/2025	5.0	25.0	
PB168477BS	PB168477BS	LCS	WATER	06/13/2025	5.0	25.0	
Q2301-03	WC-URBAN-FILL-C	SAM	WATER	06/13/2025	5.0	25.0	
Q2310-04DUP	TP-7DUP	DUP	WATER	06/13/2025	5.0	25.0	
Q2310-04MS	TP-7MS	MS	WATER	06/13/2025	5.0	25.0	
Q2310-04MSD	TP-7MSD	MSD	WATER	06/13/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>ENTACT</u>	SDG No.:	<u>Q2301</u>
Contract:	<u>ENTA05</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2301</u>
		SAS No.:	<u>Q2301</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168479							
PB168428TB	PB168428TB	MB	WATER	06/13/2025	3.0	30.0	
PB168479BL	PB168479BL	MB	WATER	06/13/2025	30.0	30.0	
PB168479BS	PB168479BS	LCS	WATER	06/13/2025	30.0	30.0	
Q2301-03	WC-URBAN-FILL-C	SAM	WATER	06/13/2025	3.0	30.0	
Q2310-04DUP	TP-7DUP	DUP	WATER	06/13/2025	3.0	30.0	
Q2310-04MS	TP-7MS	MS	WATER	06/13/2025	3.0	30.0	
Q2310-04MSD	TP-7MSD	MSD	WATER	06/13/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q2301 **Sas no.:** Q2301 **Sdg no.:** Q2301

Instrument id number: **Method:** **Run number:** LB136157

Start date: 06/16/2025 **End date:** 06/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0901	HG
S0.2	S0.2	1	0904	HG
S2.5	S2.5	1	0906	HG
S5	S5	1	0908	HG
S7.5	S7.5	1	0911	HG
S10	S10	1	0913	HG
ICV38	ICV38	1	0916	HG
ICB38	ICB38	1	0919	HG
CCV42	CCV42	1	0921	HG
CCB42	CCB42	1	0923	HG
CRA	CRA	1	0925	HG
PB168479BL	PB168479BL	1	0932	HG
PB168479BS	PB168479BS	1	0940	HG
CCV43	CCV43	1	0953	HG
CCB43	CCB43	1	0955	HG
Q2301-03	WC-URBAN-FILL-C	1	1009	HG
Q2310-04DUP	TP-7DUP	1	1014	HG
Q2310-04MS	TP-7MS	1	1021	HG
Q2310-04MSD	TP-7MSD	1	1023	HG
CCV44	CCV44	1	1025	HG
CCB44	CCB44	1	1028	HG
PB168428TB	PB168428TB	1	1030	HG
Q2310-04L	TP-7L	5	1032	HG
CCV45	CCV45	1	1040	HG
CCB45	CCB45	1	1042	HG

metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q2301 **Sas no.:** Q2301 **Sdg no.:** Q2301

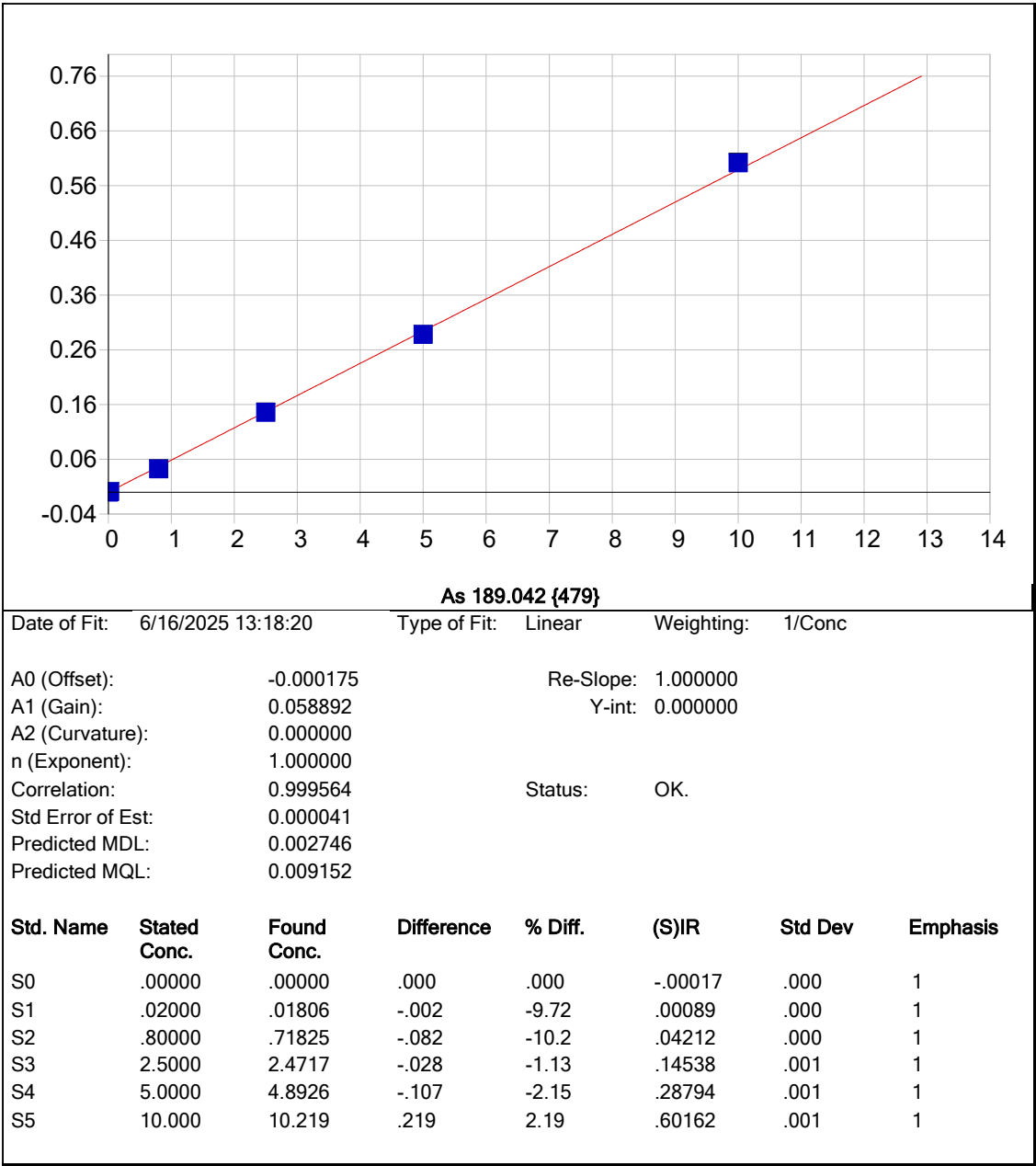
Instrument id number: **Method:** **Run number:** 1b136164

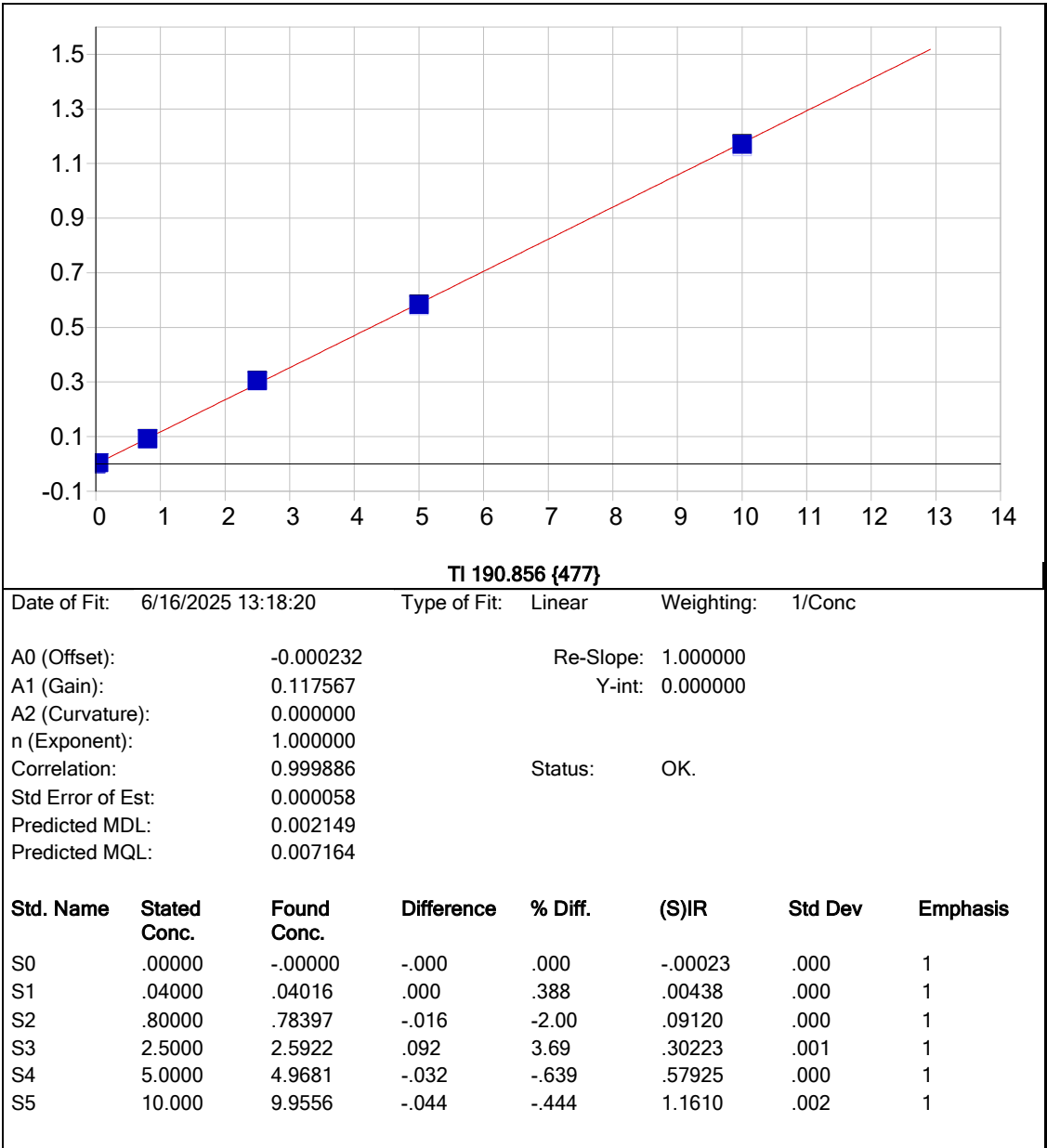
Start date: 06/16/2025 **End date:** 06/16/2025

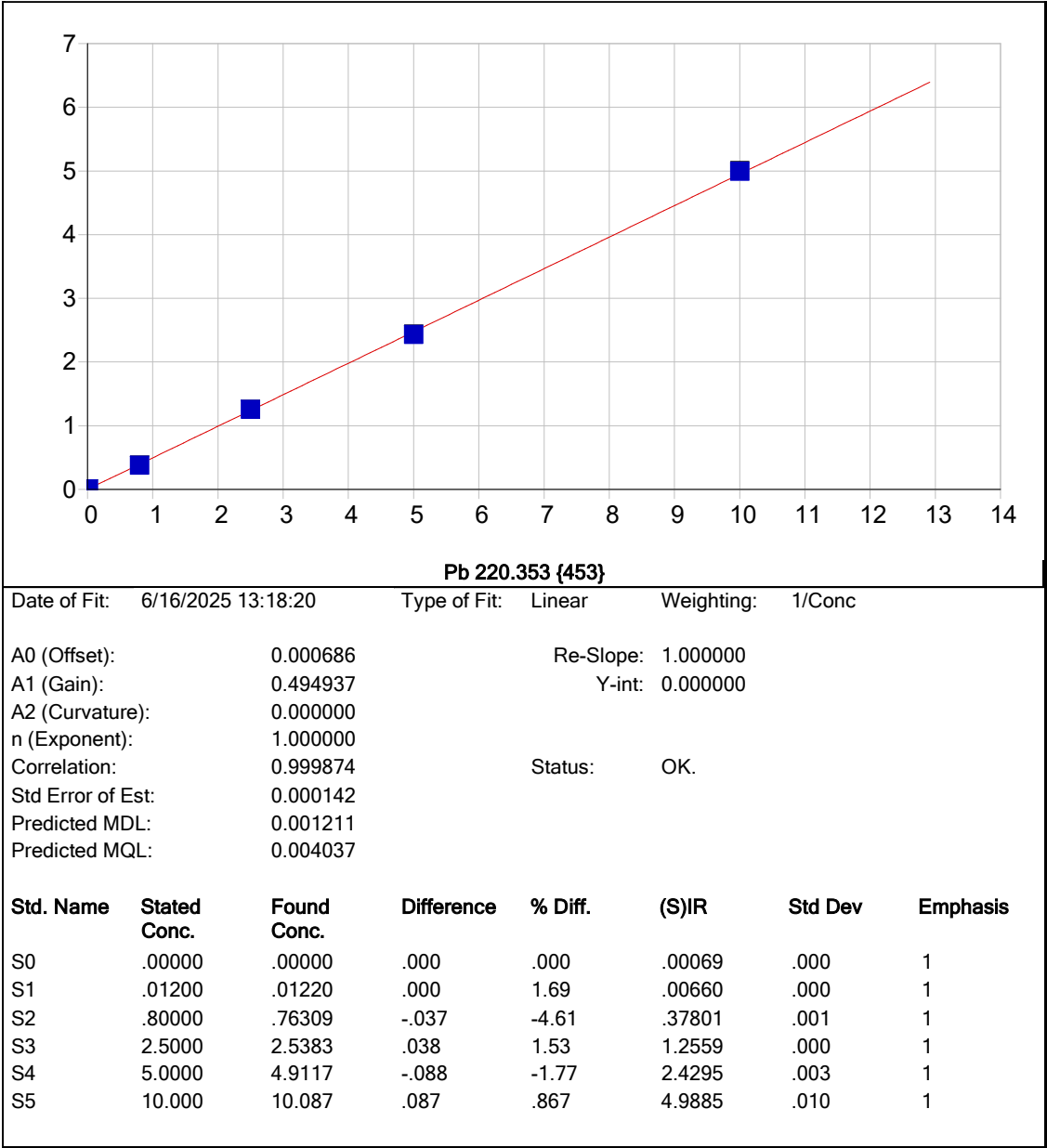
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1252	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1256	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1301	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1305	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1309	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1313	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1403	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1442	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1449	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1453	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1459	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1506	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1526	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1530	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168428TB	PB168428TB	1	1606	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168477BL	PB168477BL	1	1615	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168477BS	PB168477BS	1	1619	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1629	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1634	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2301-03	WC-URBAN-FILL-C	1	1726	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1731	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1749	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2310-04DUP	TP-7DUP	1	1758	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2310-04L	TP-7L	5	1803	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2310-04MS	TP-7MS	1	1807	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2310-04MSD	TP-7MSD	1	1811	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1829	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1833	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1917	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1921	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV06	CCV06	1	2004	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	2008	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV07	CCV07	1	2052	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB07	CCB07	1	2056	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV08	CCV08	1	2114	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB08	CCB08	1	2118	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn

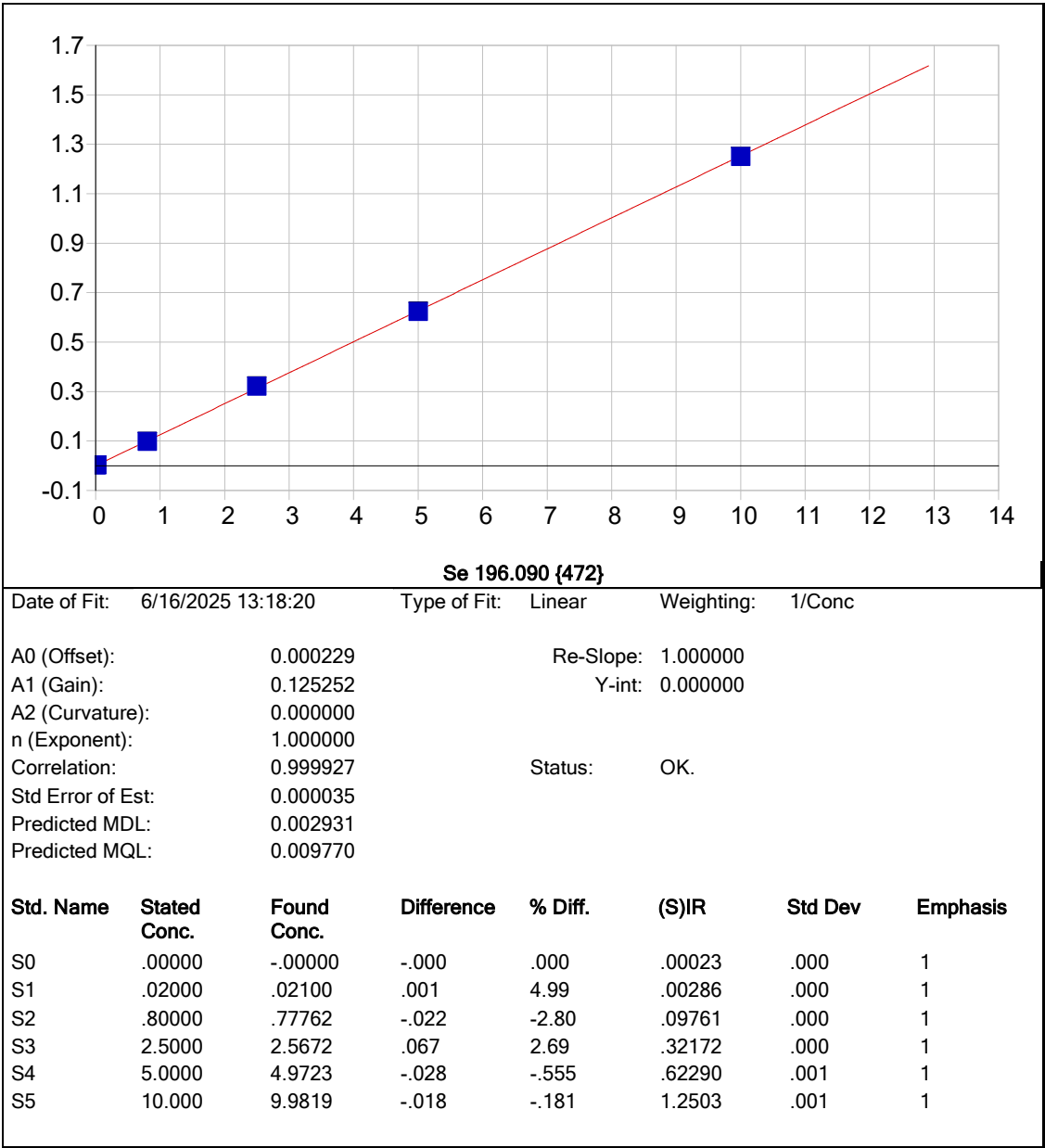


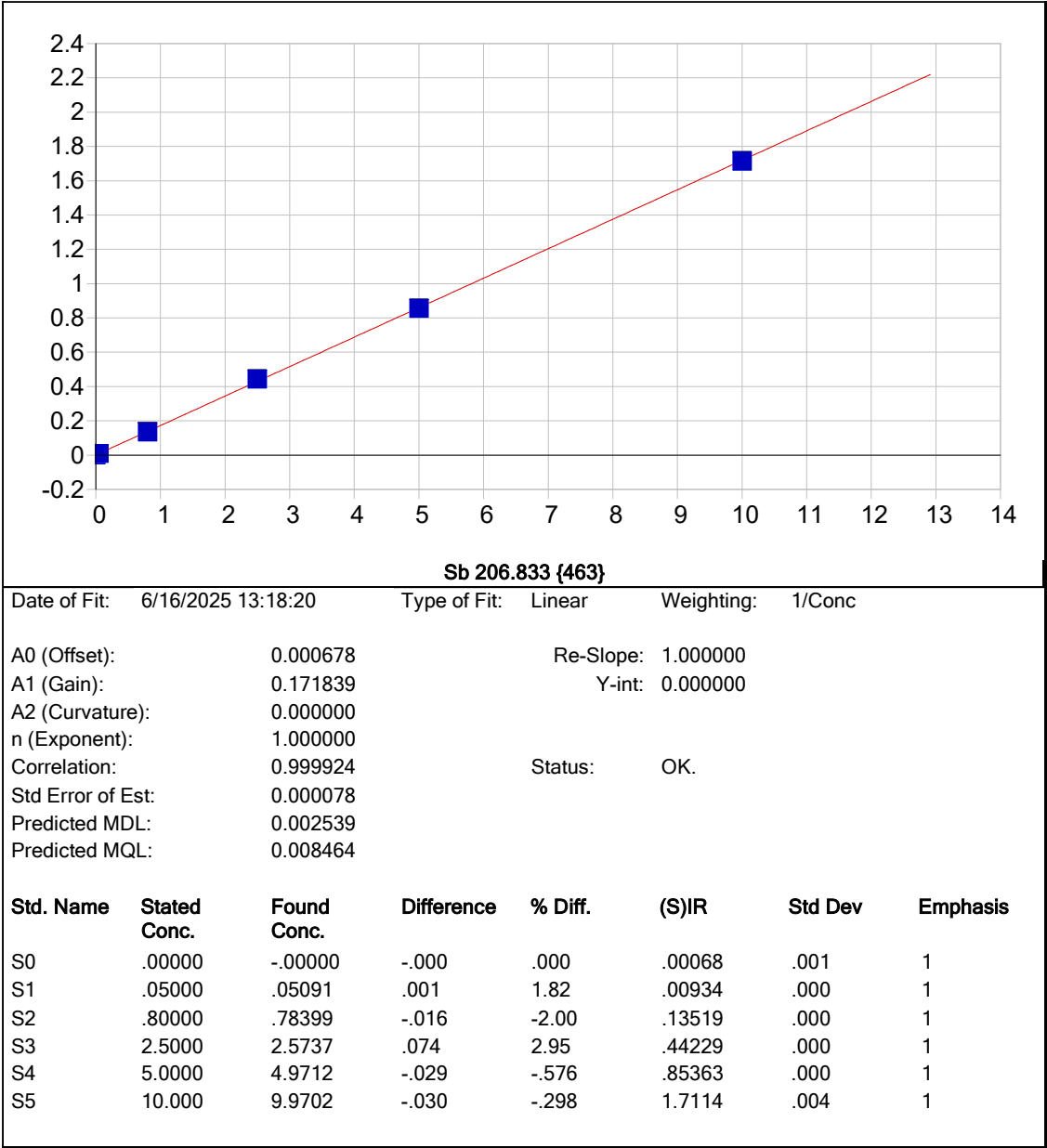
METAL RAW DATA

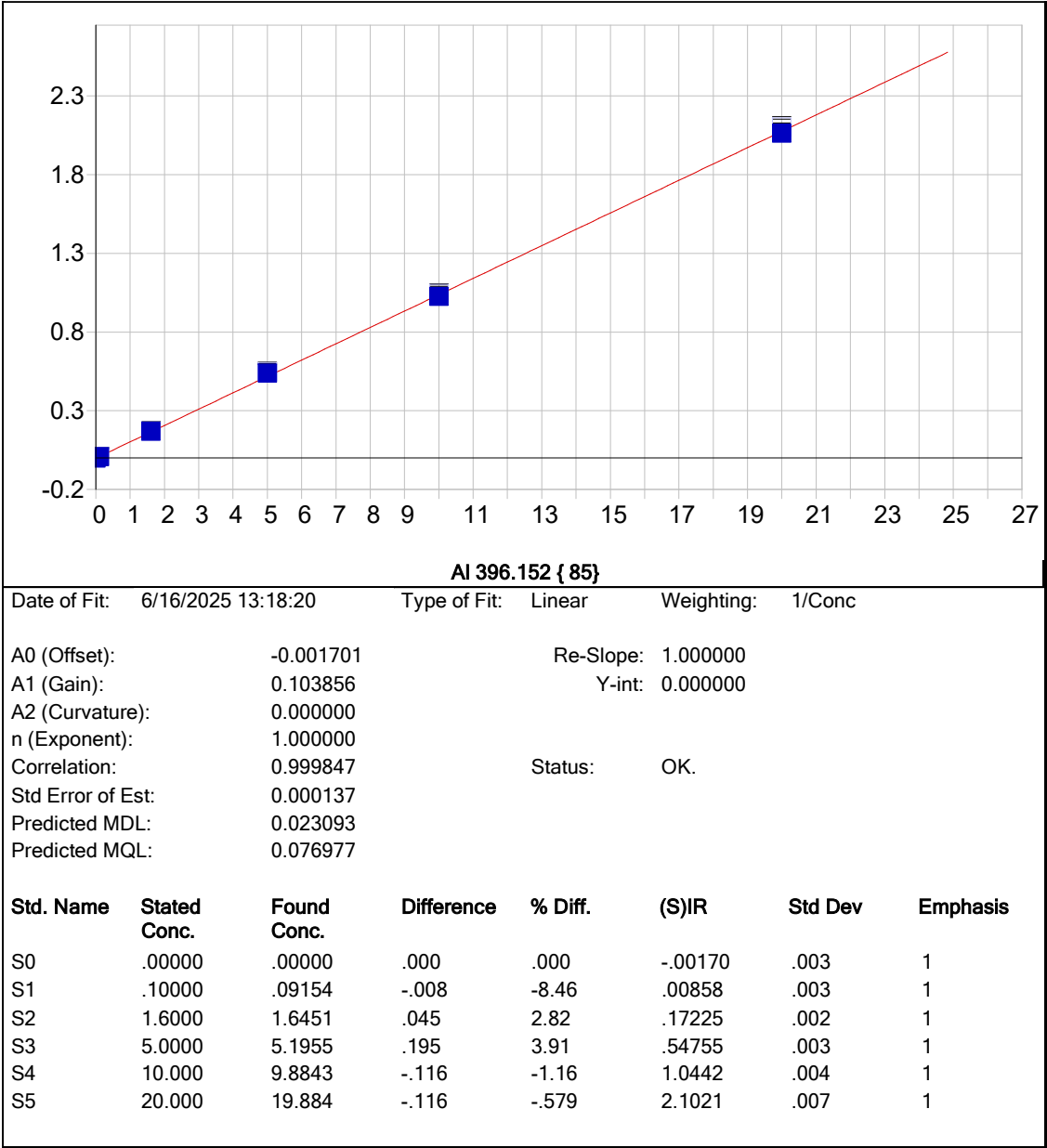


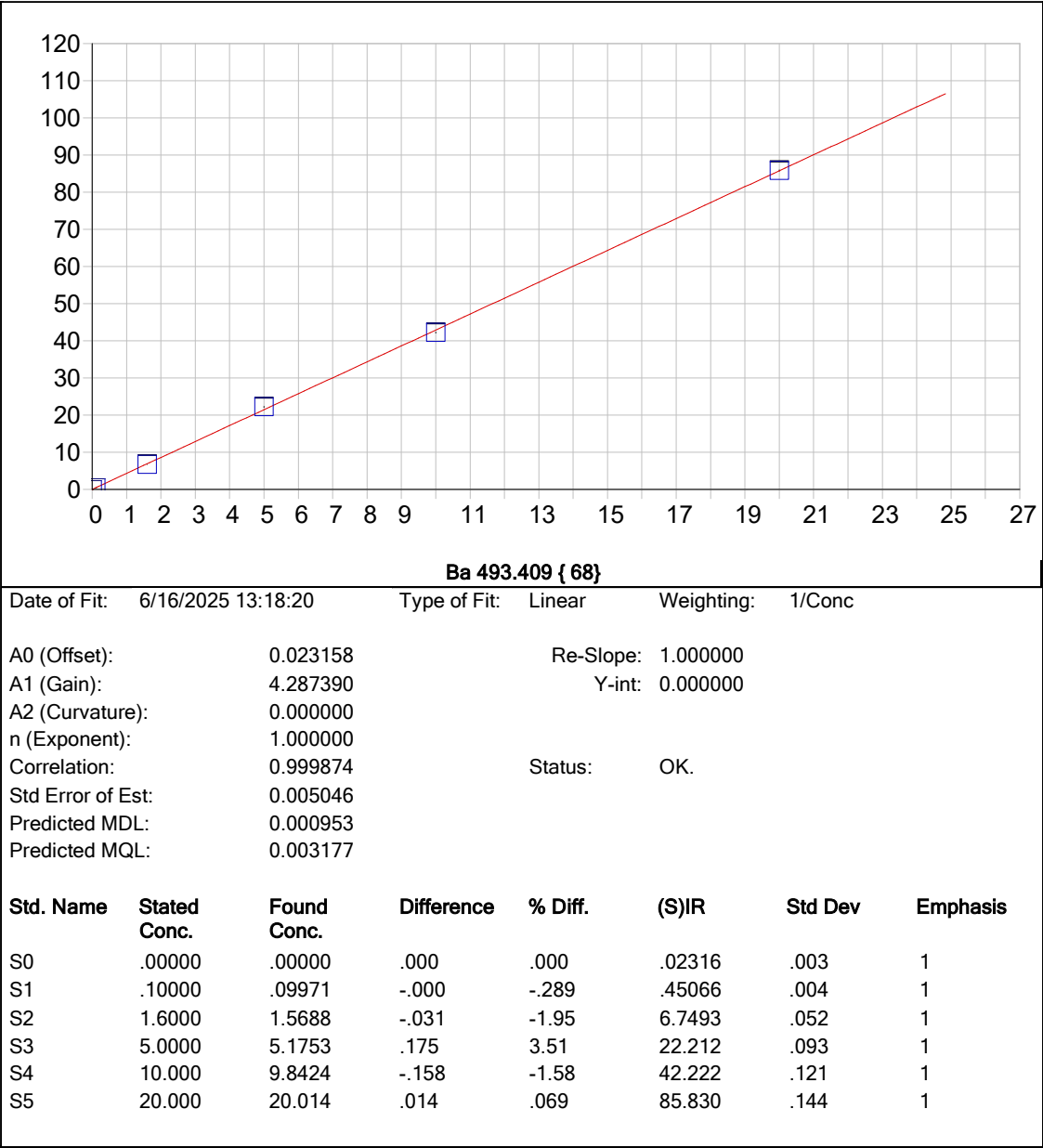


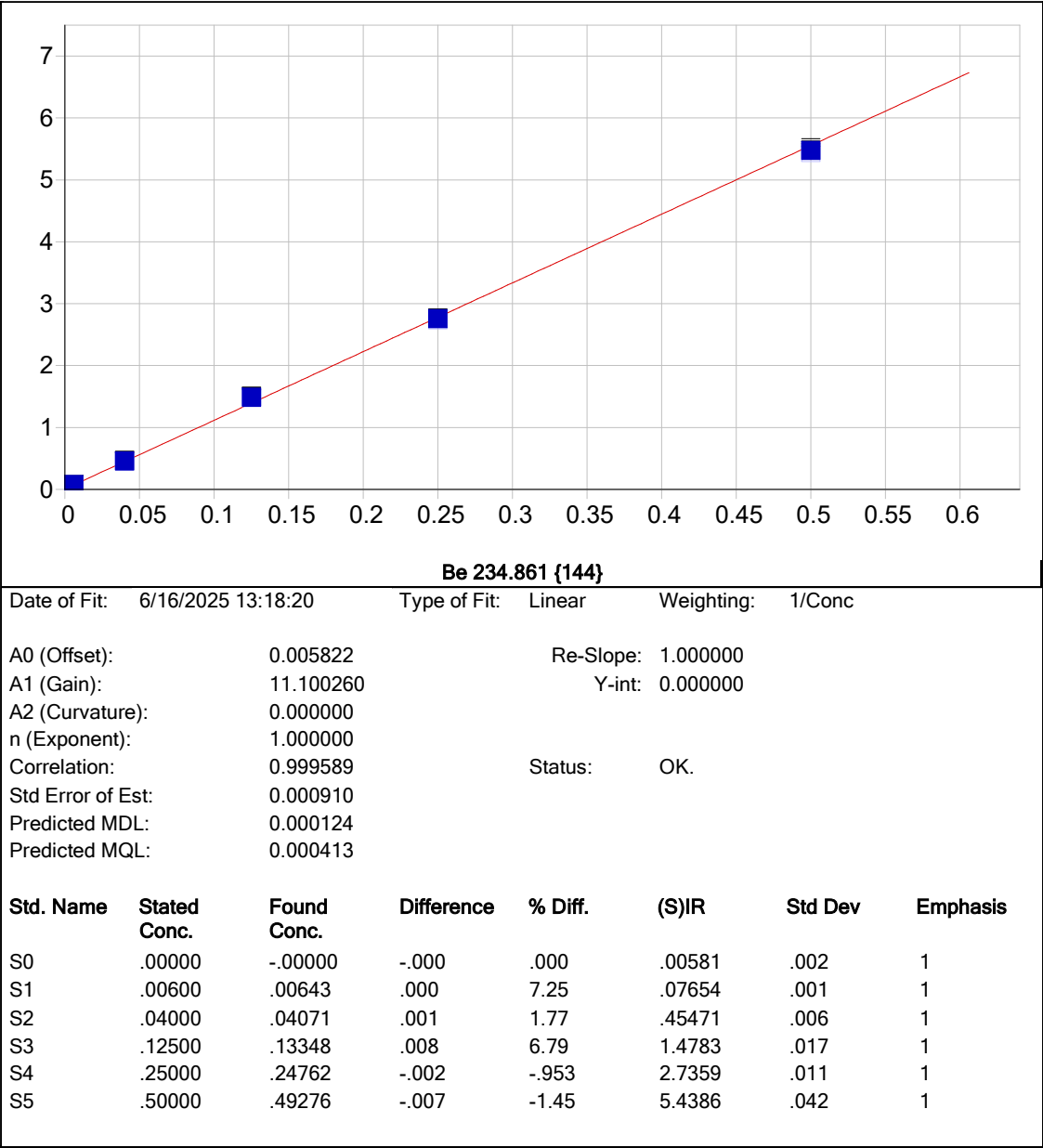


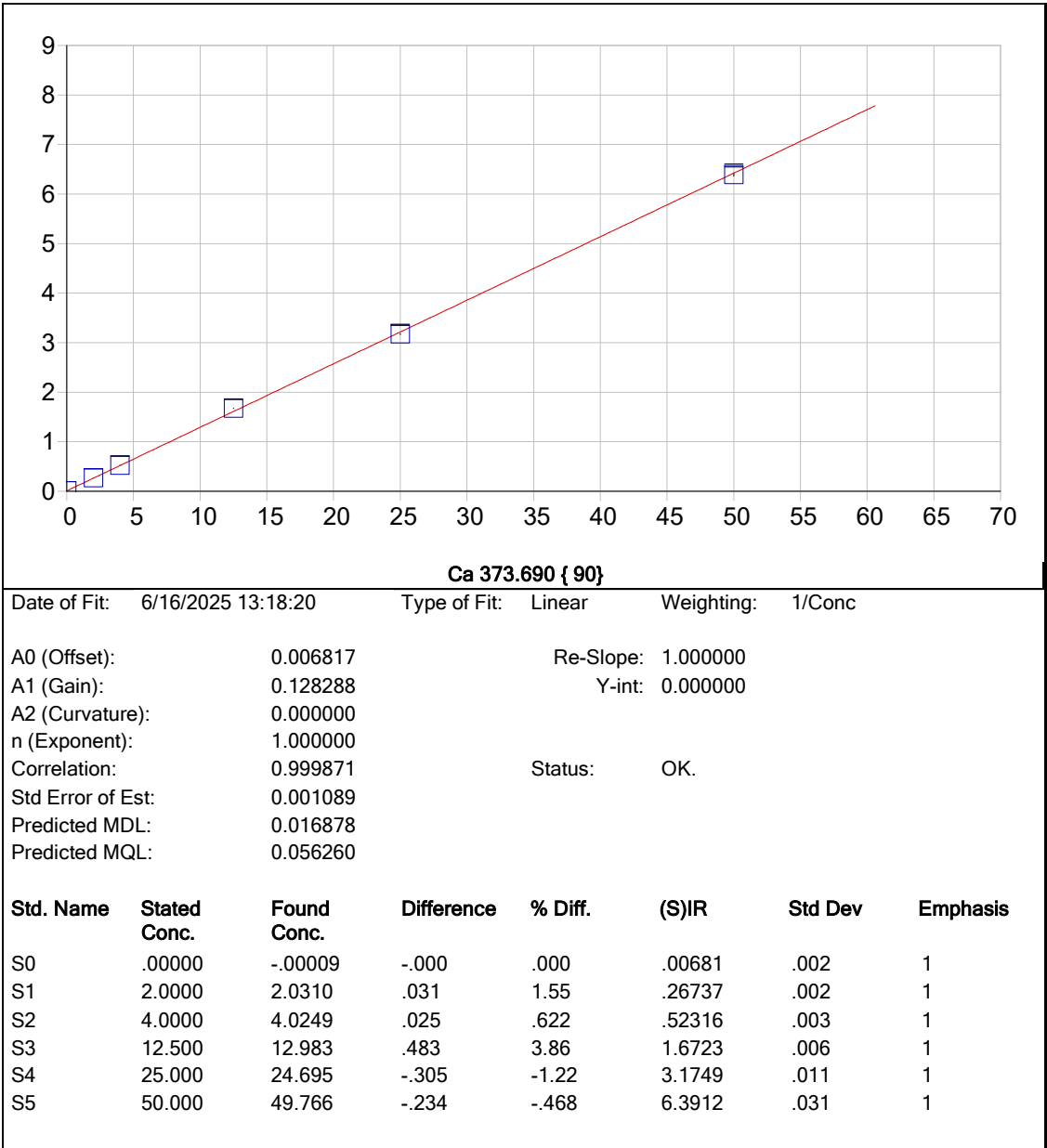


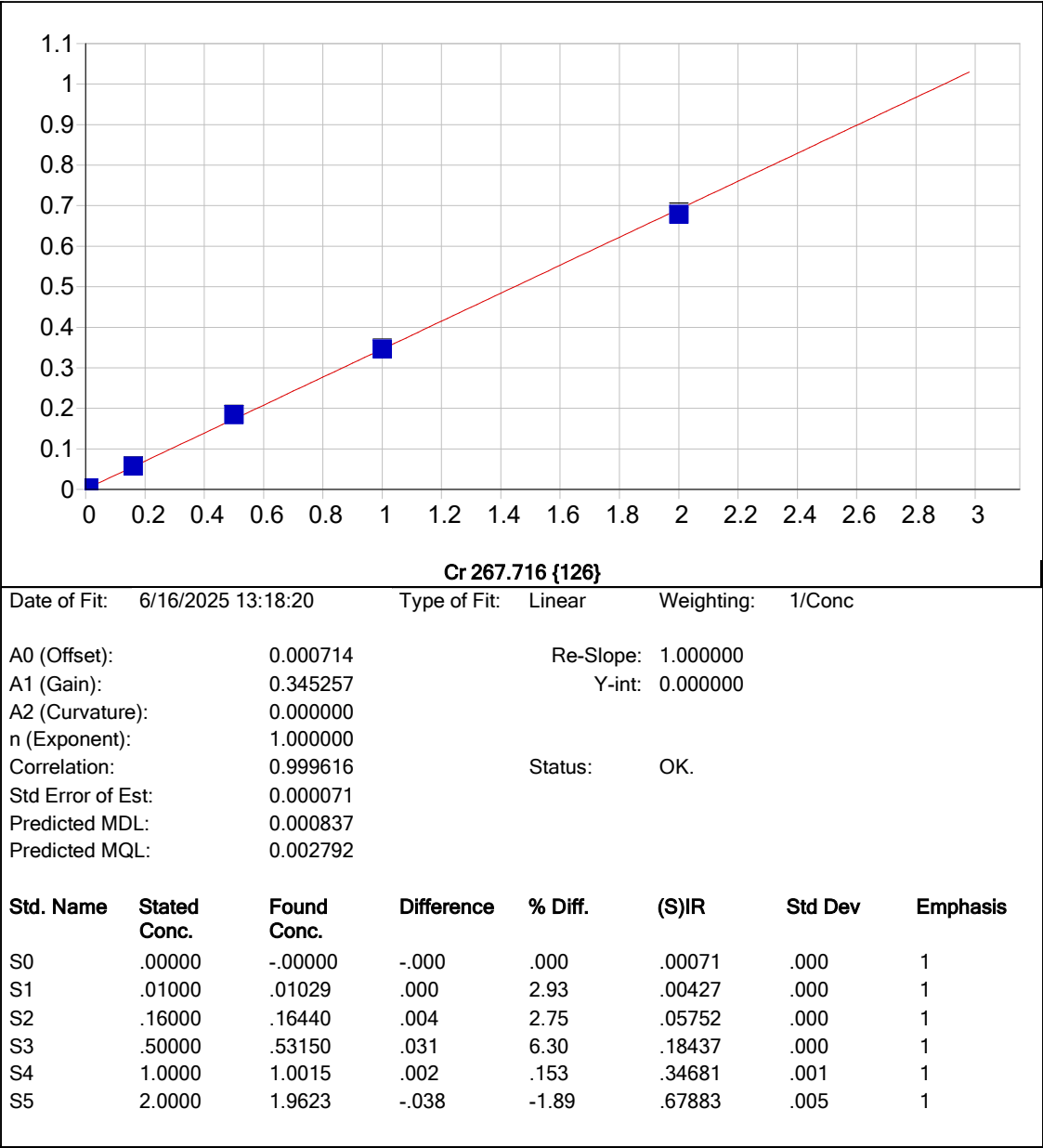


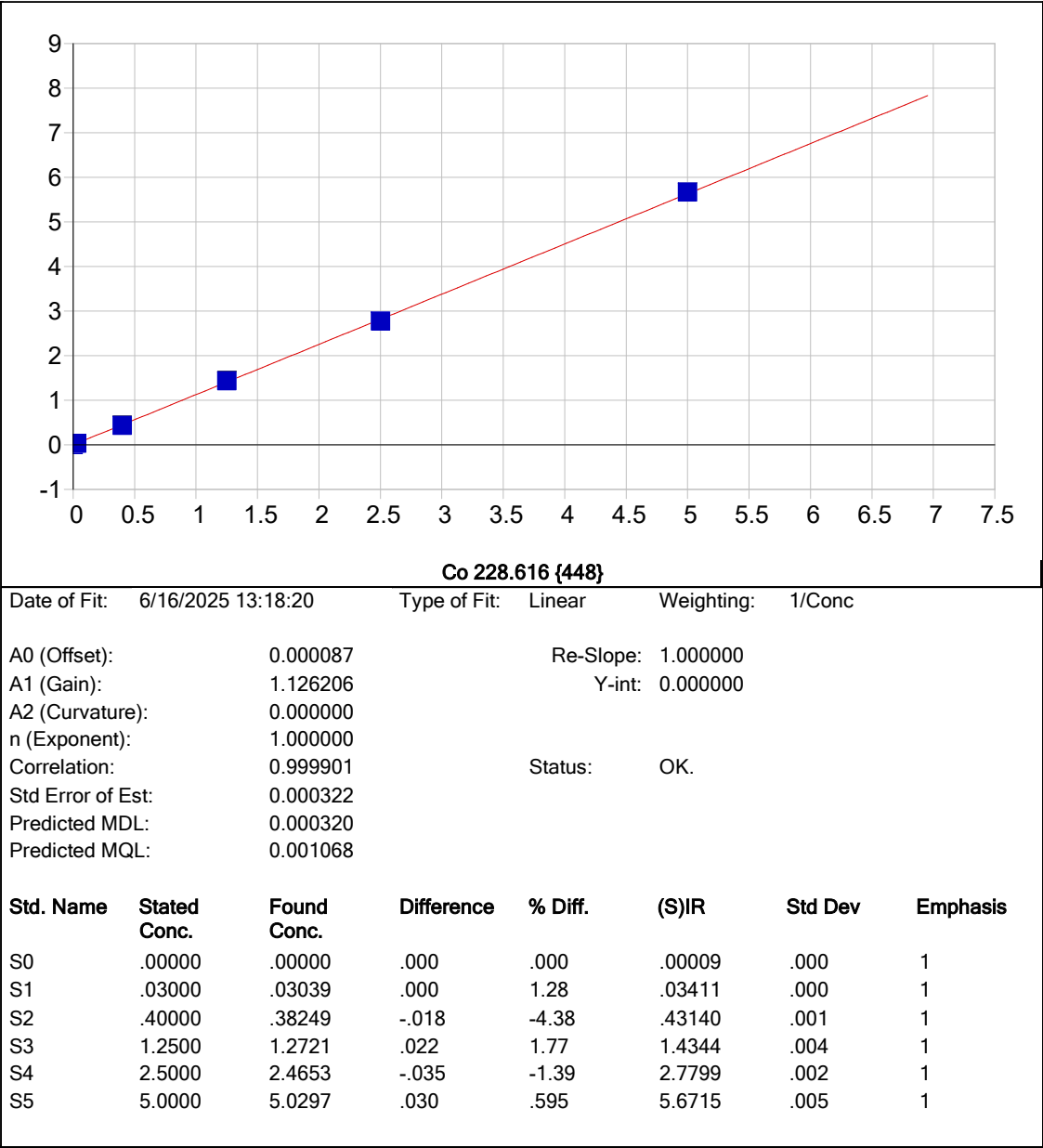


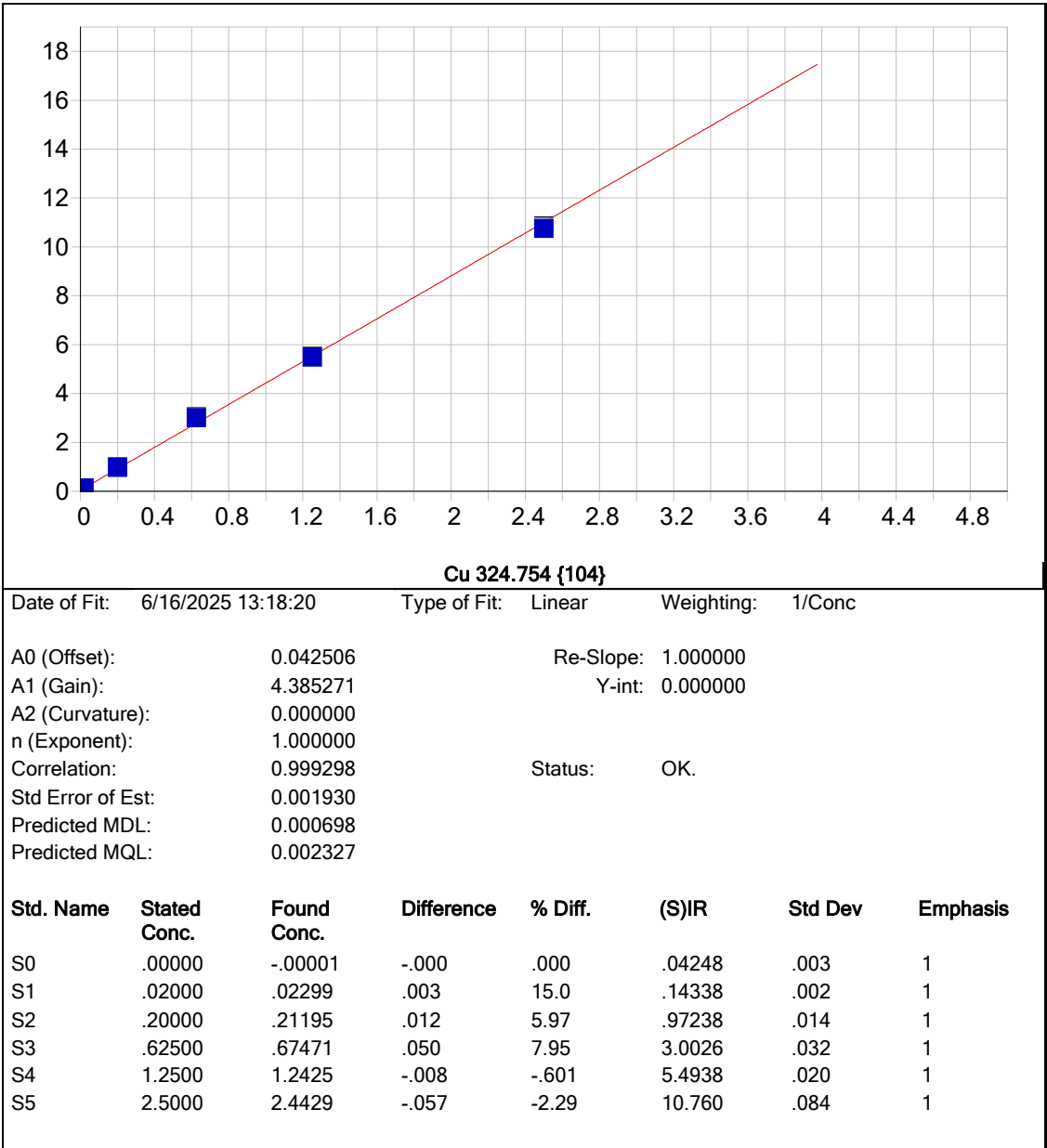


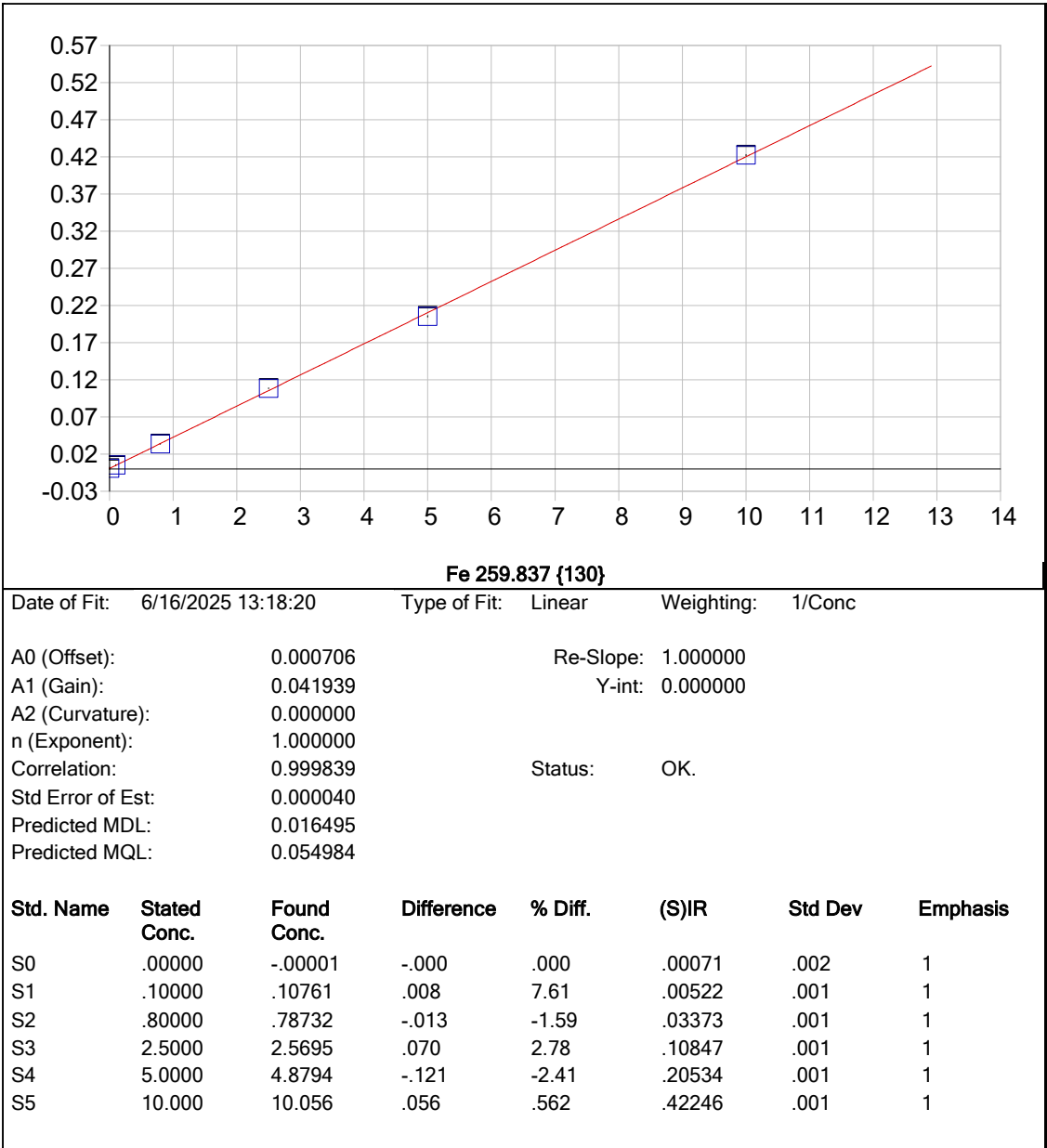


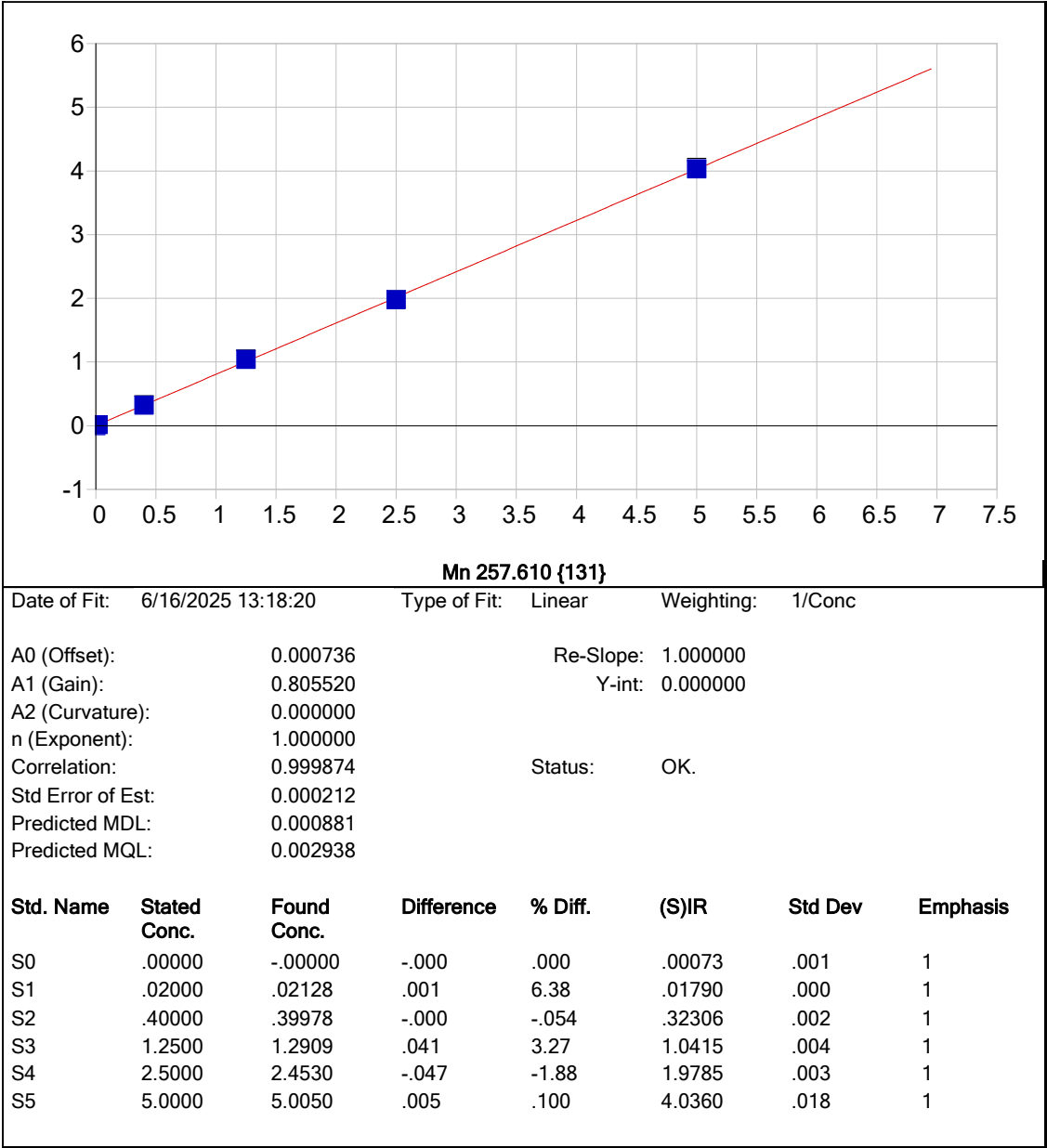


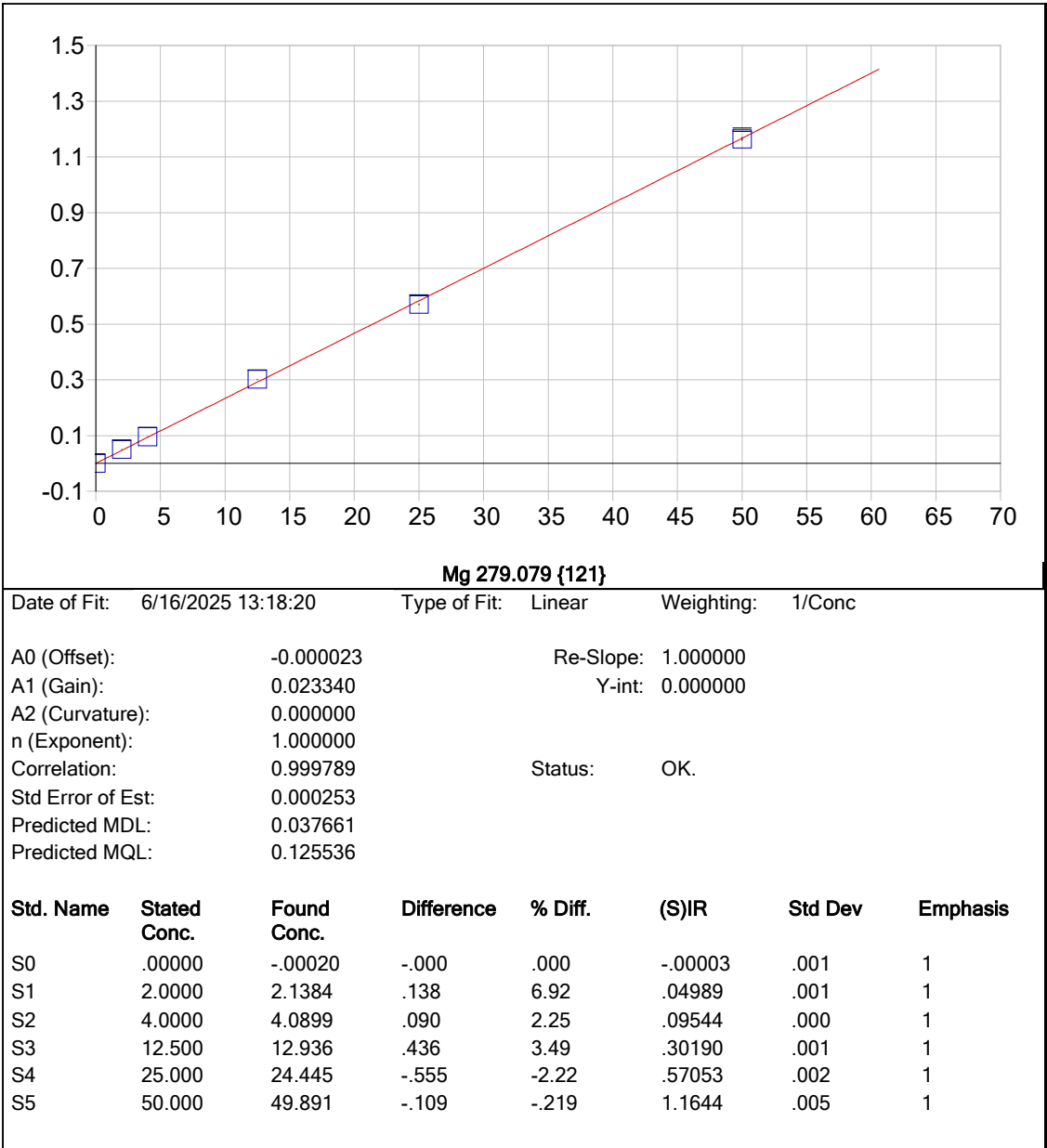


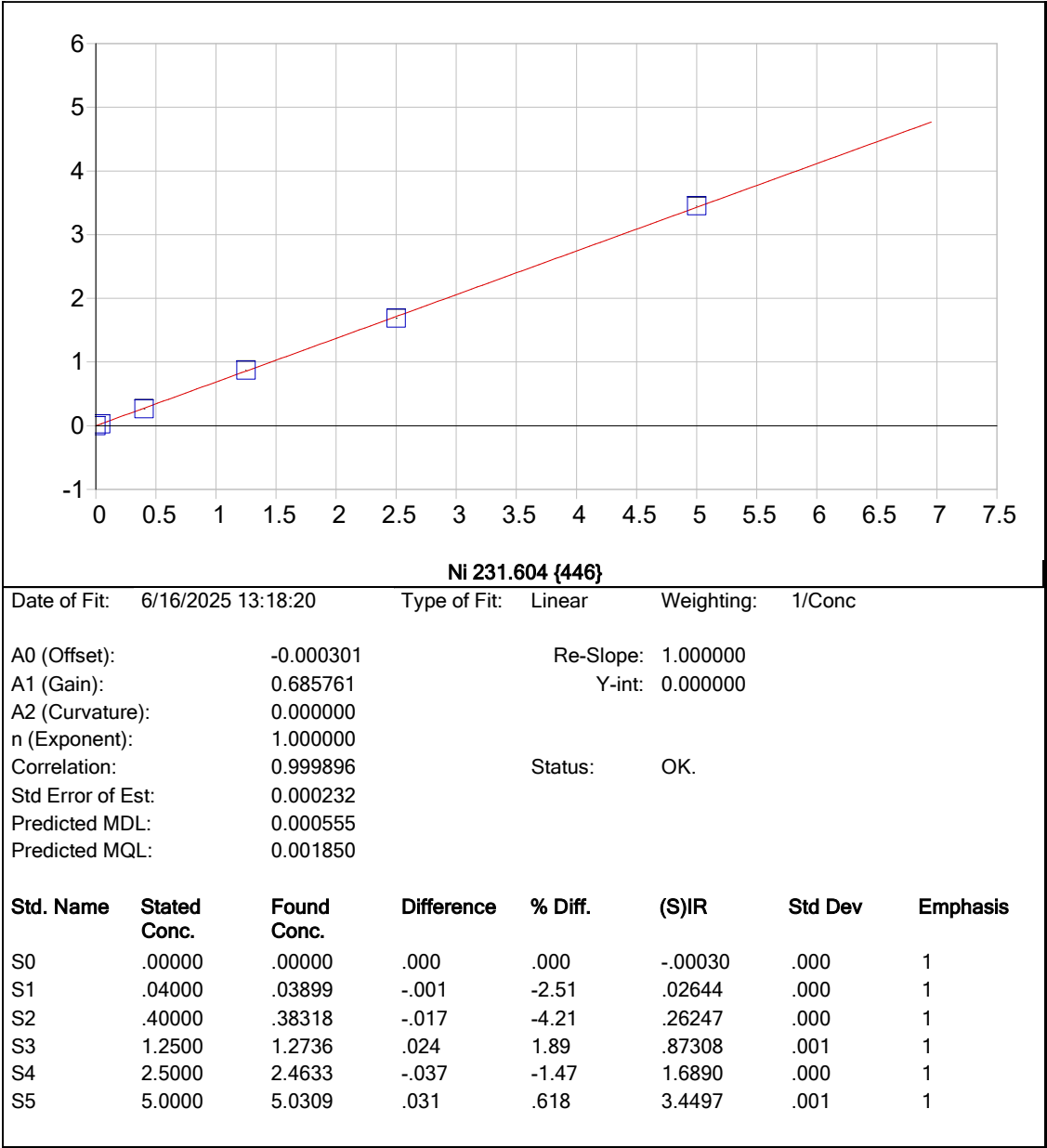


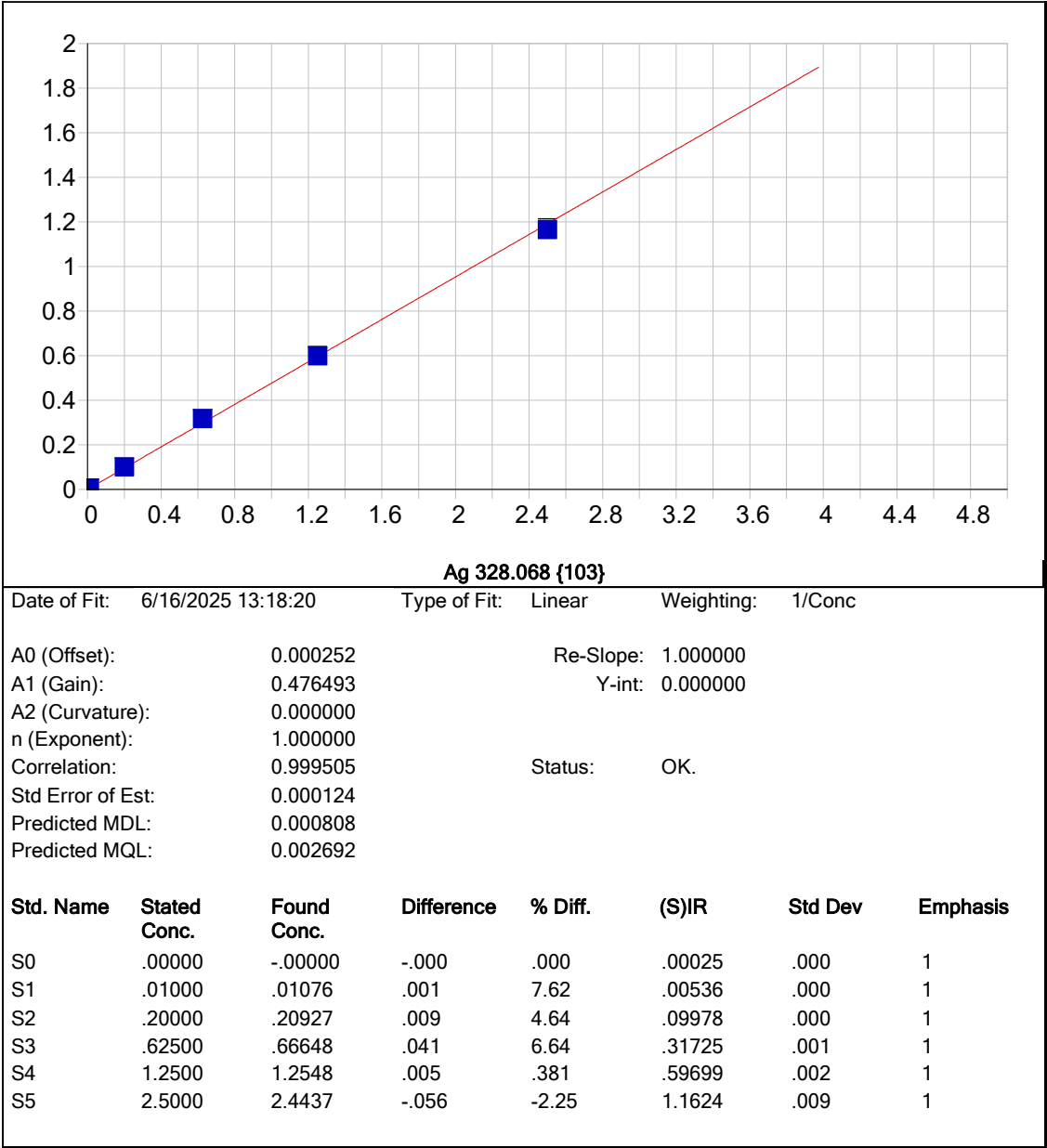


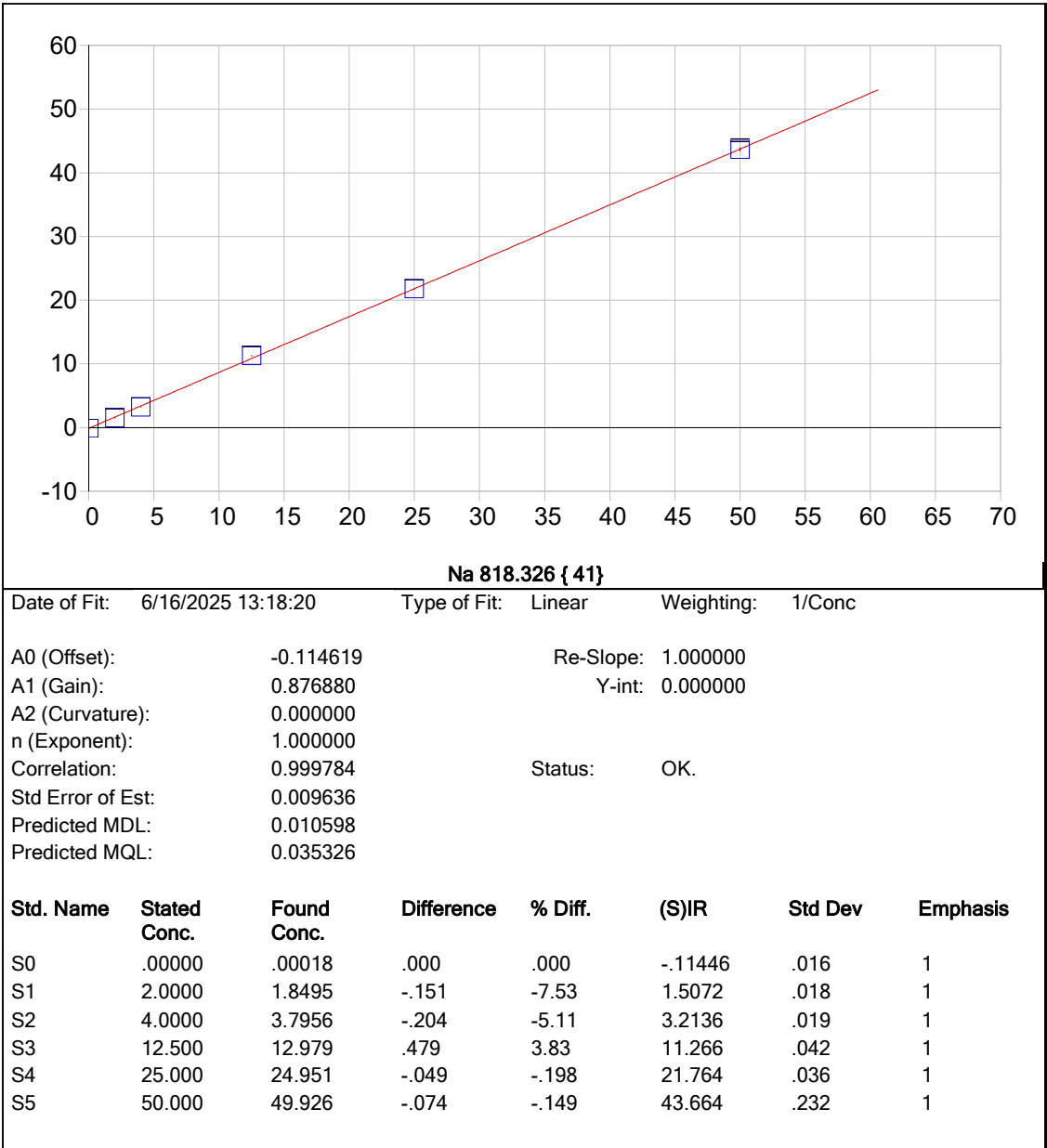


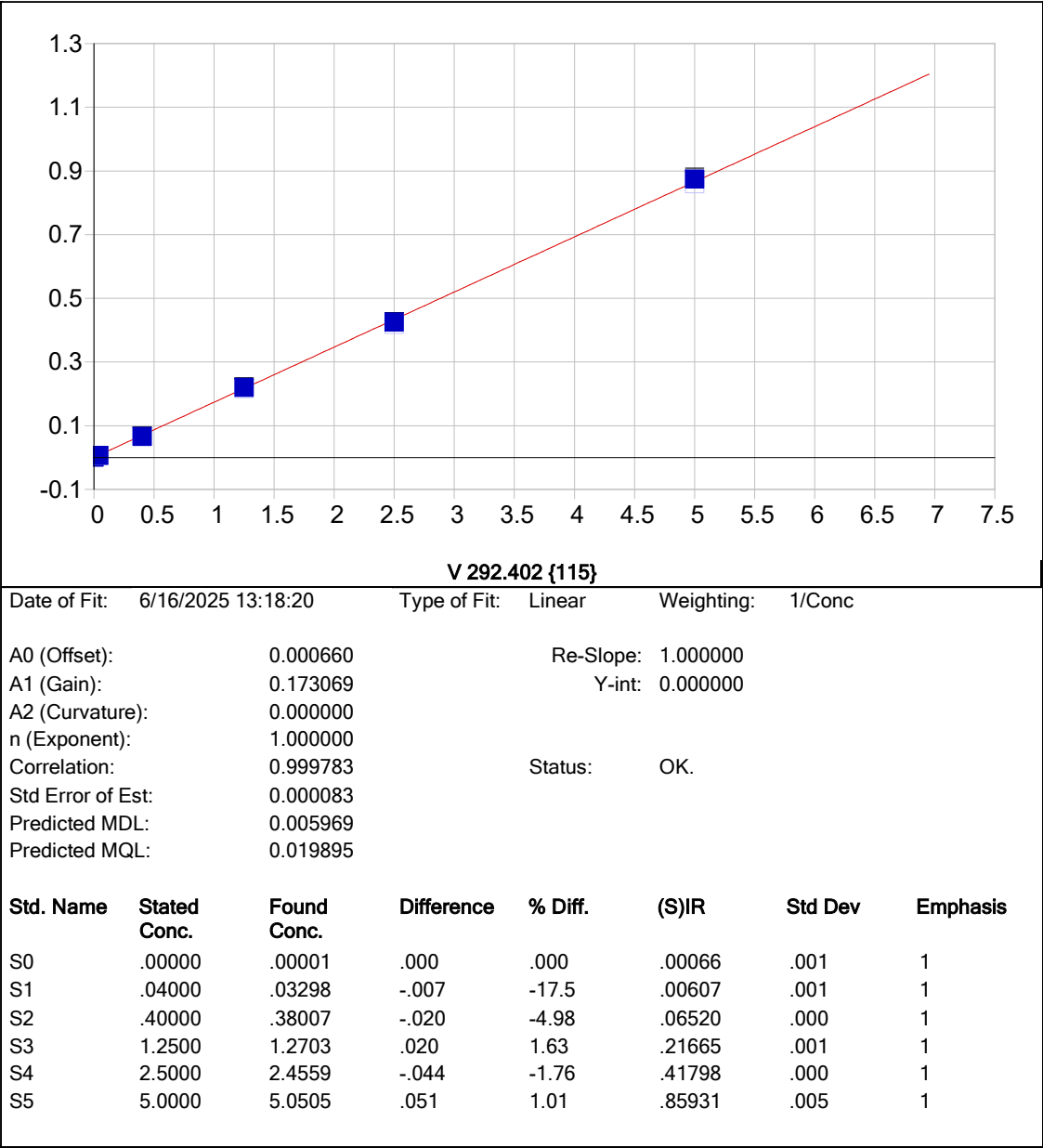


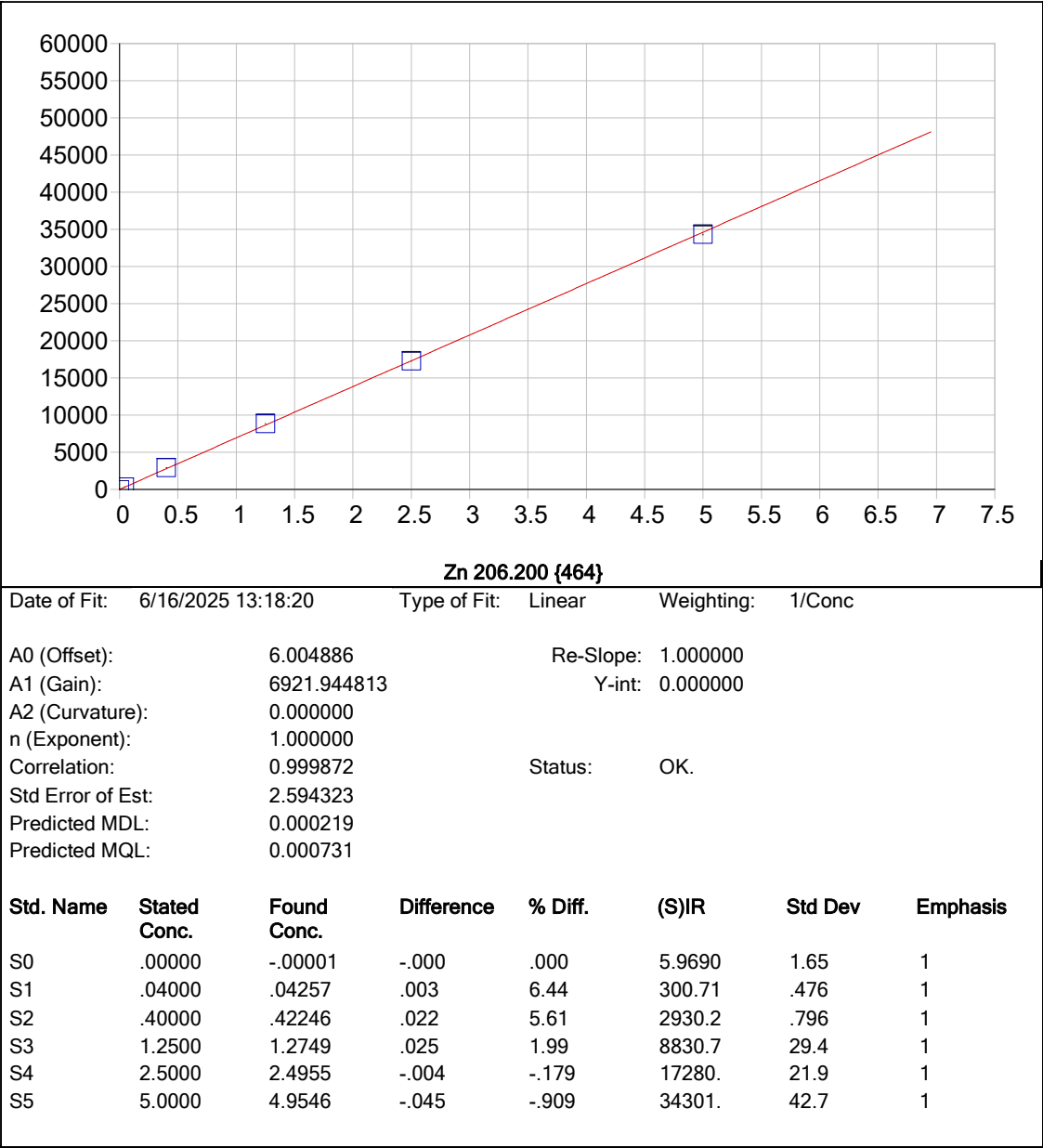


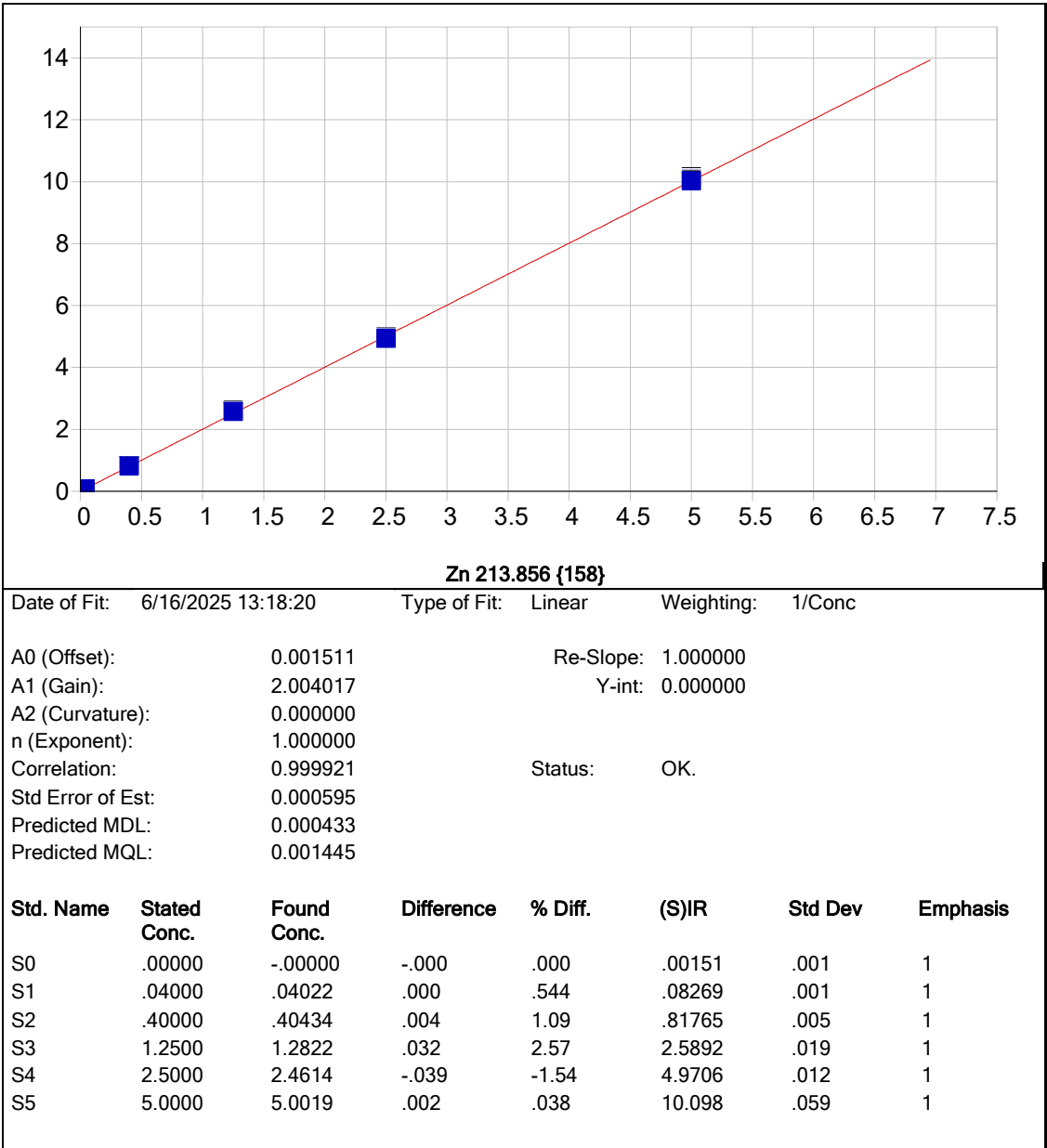


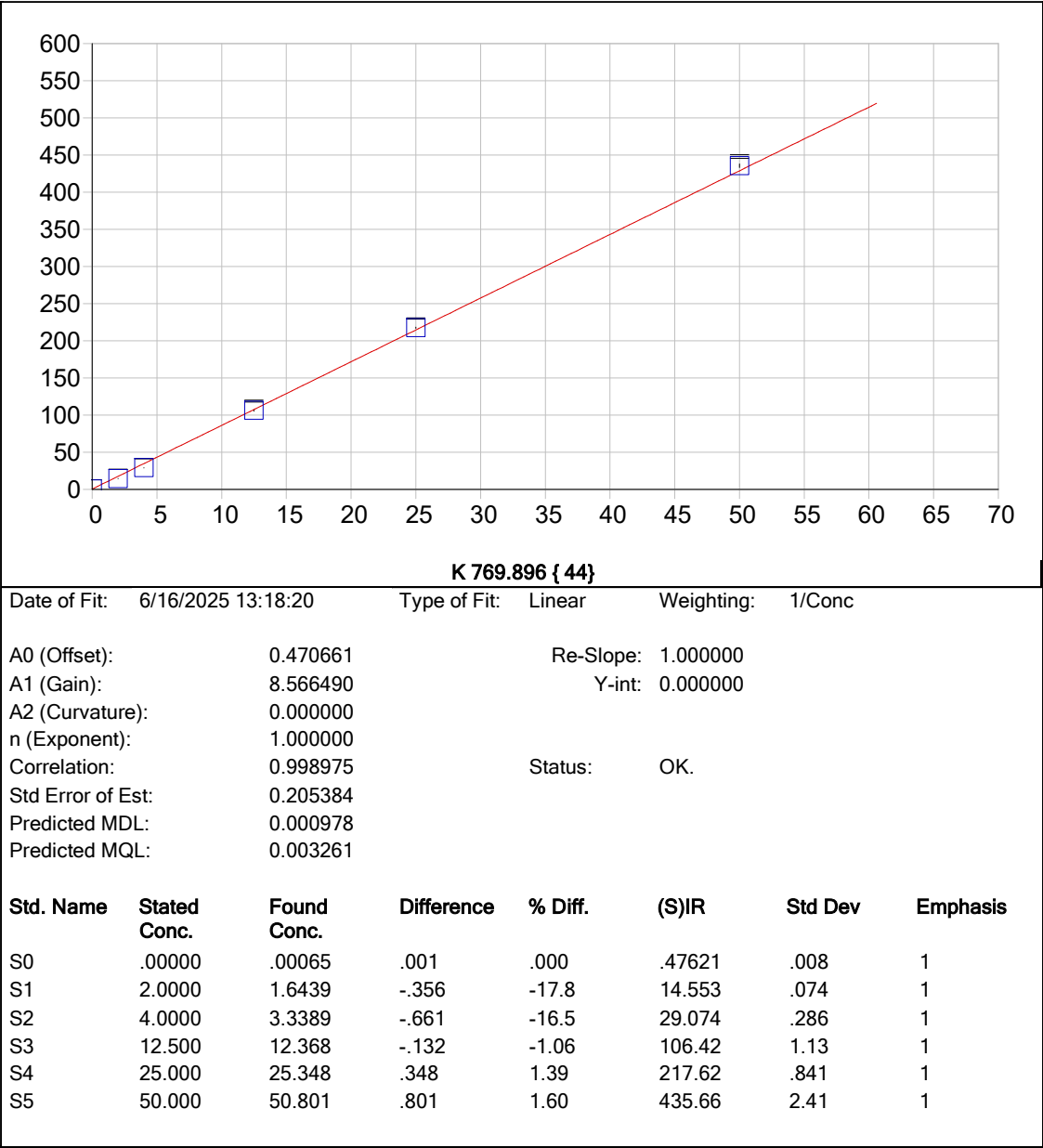


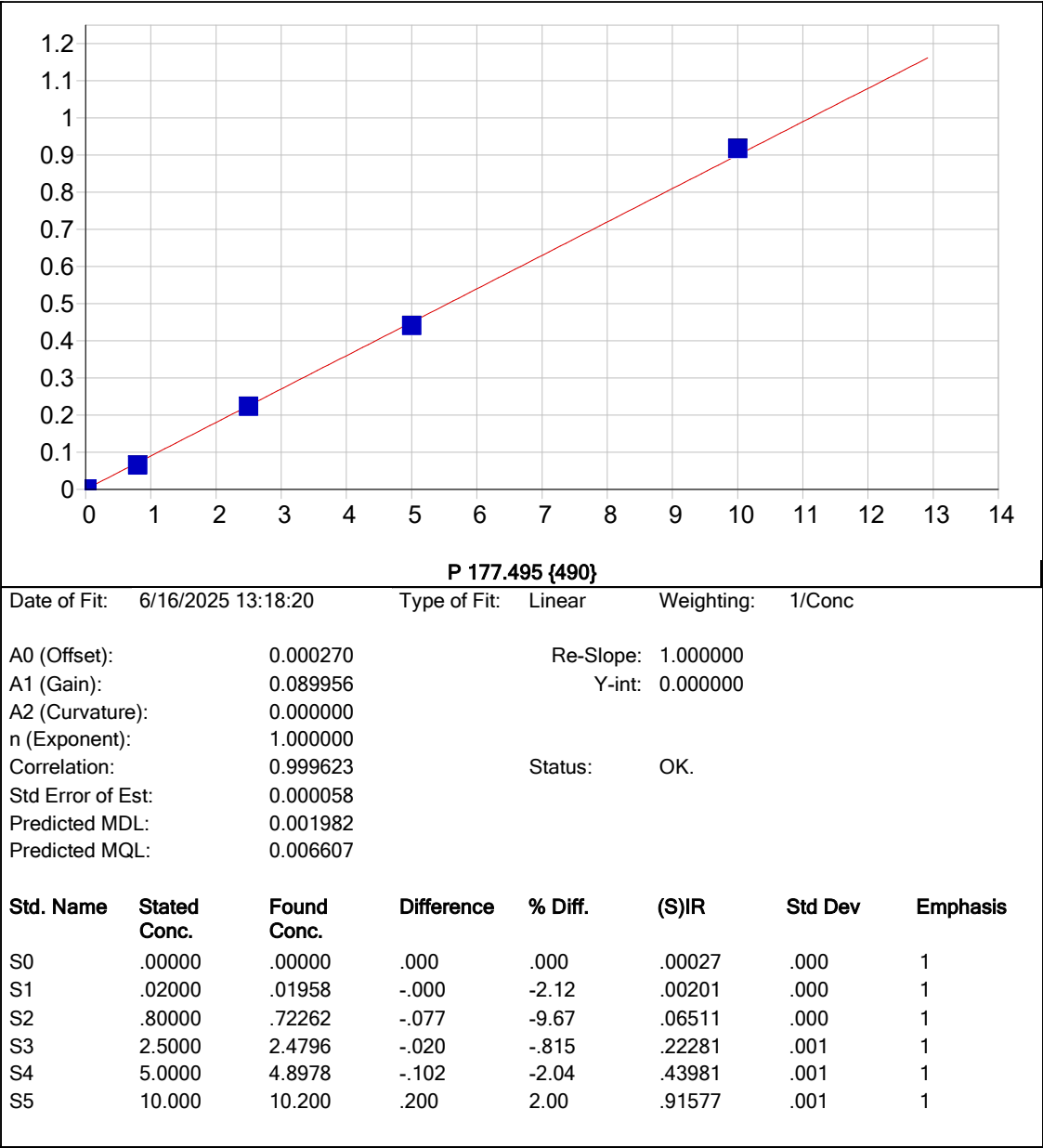


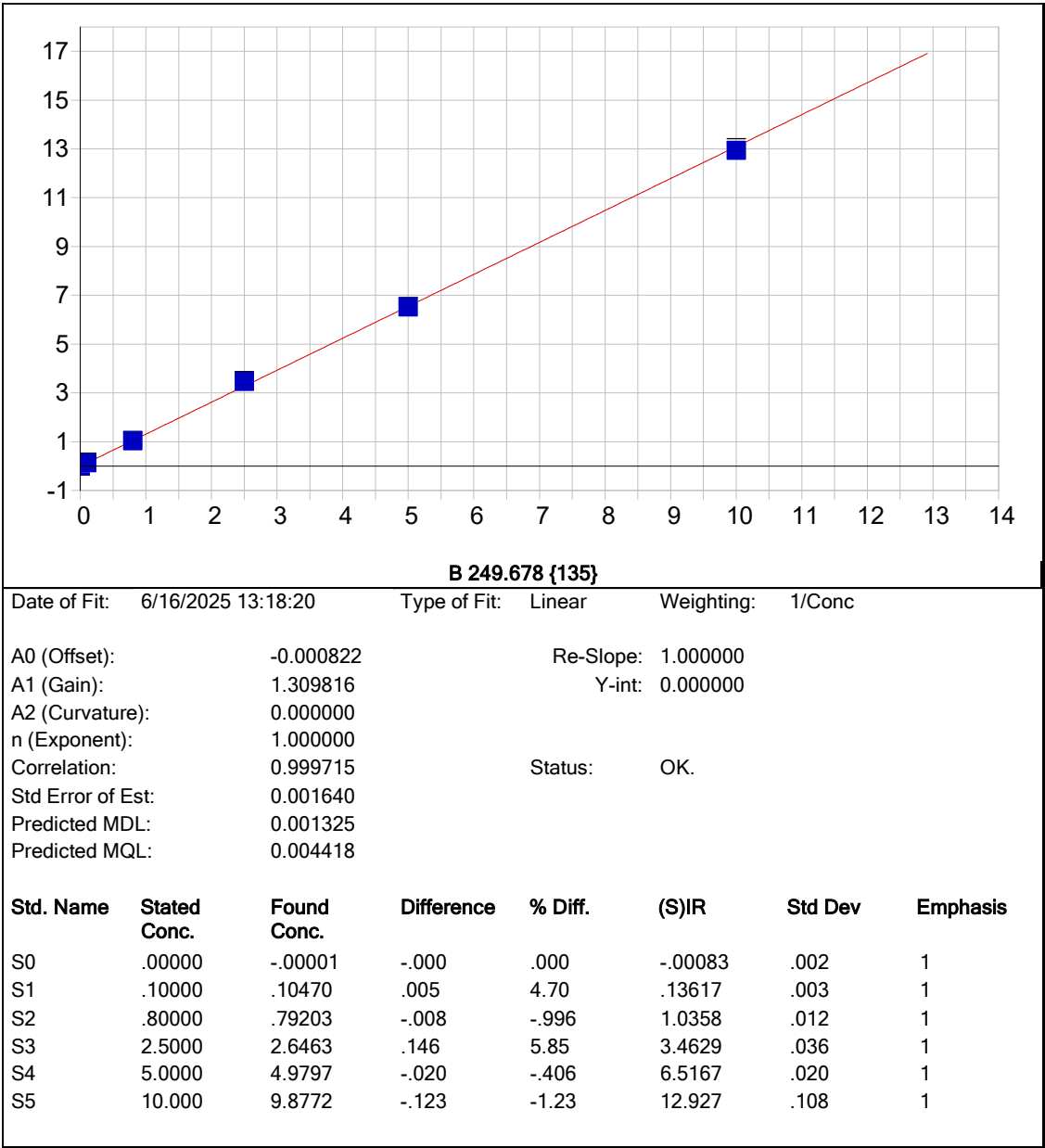


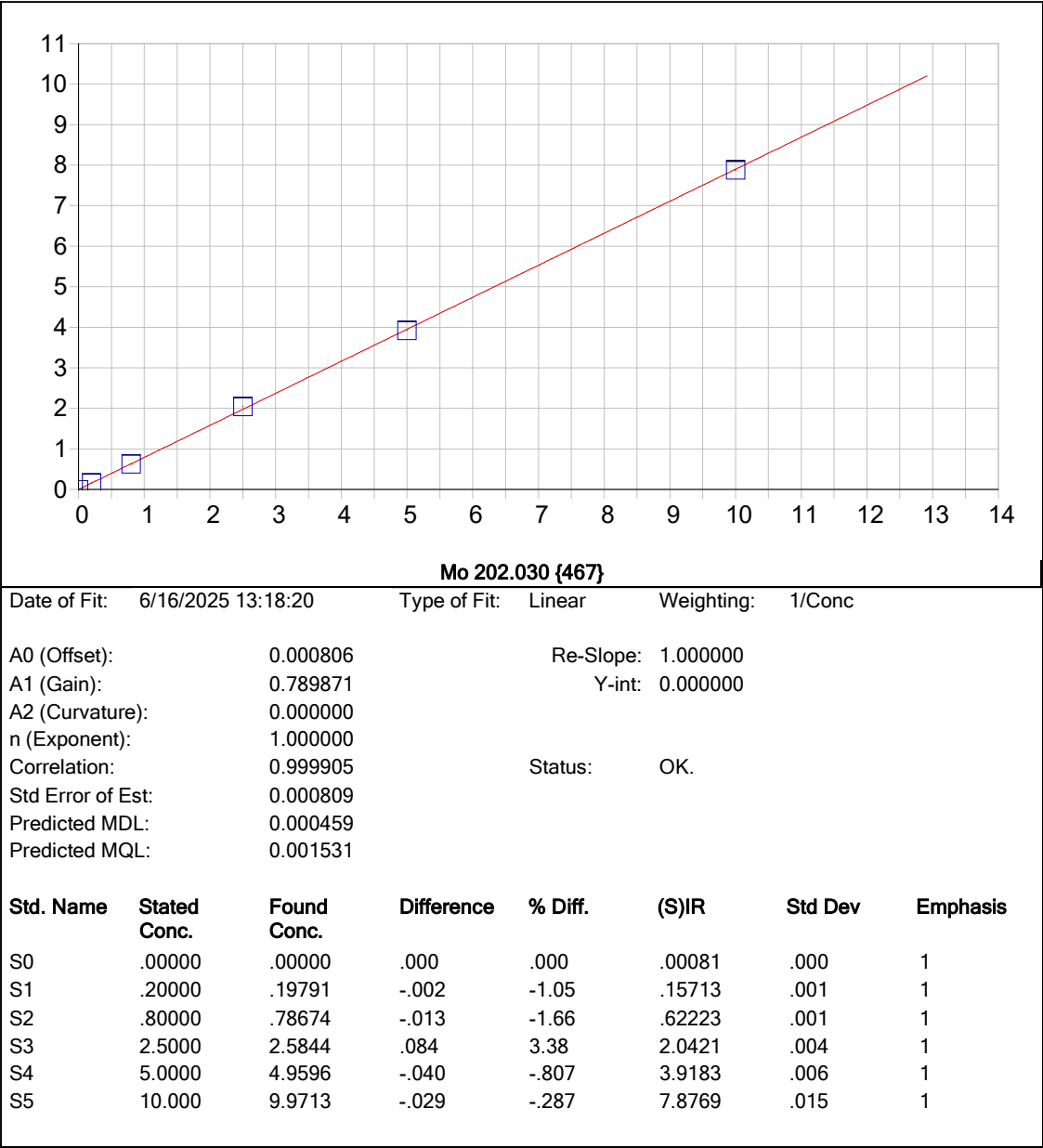


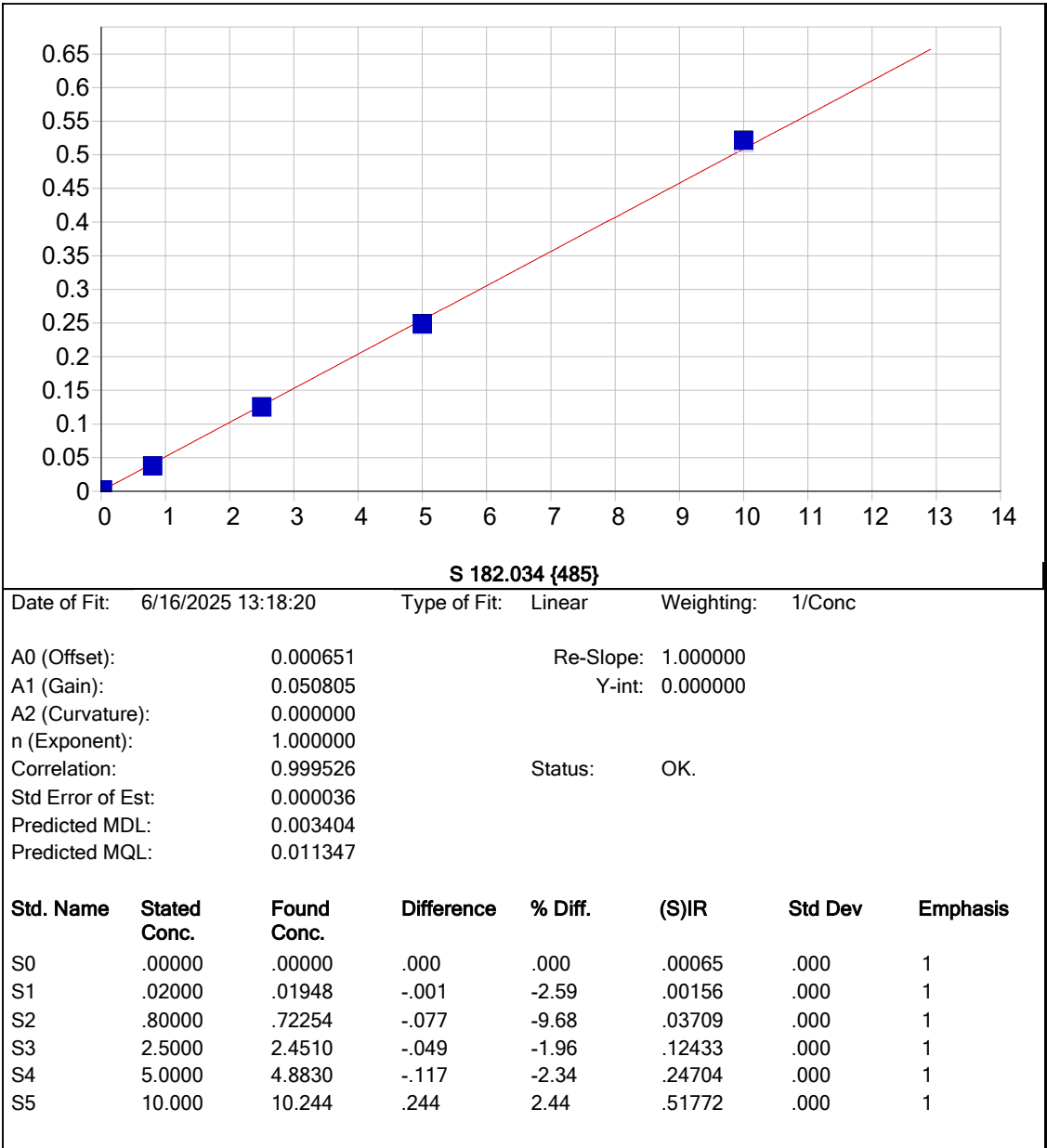


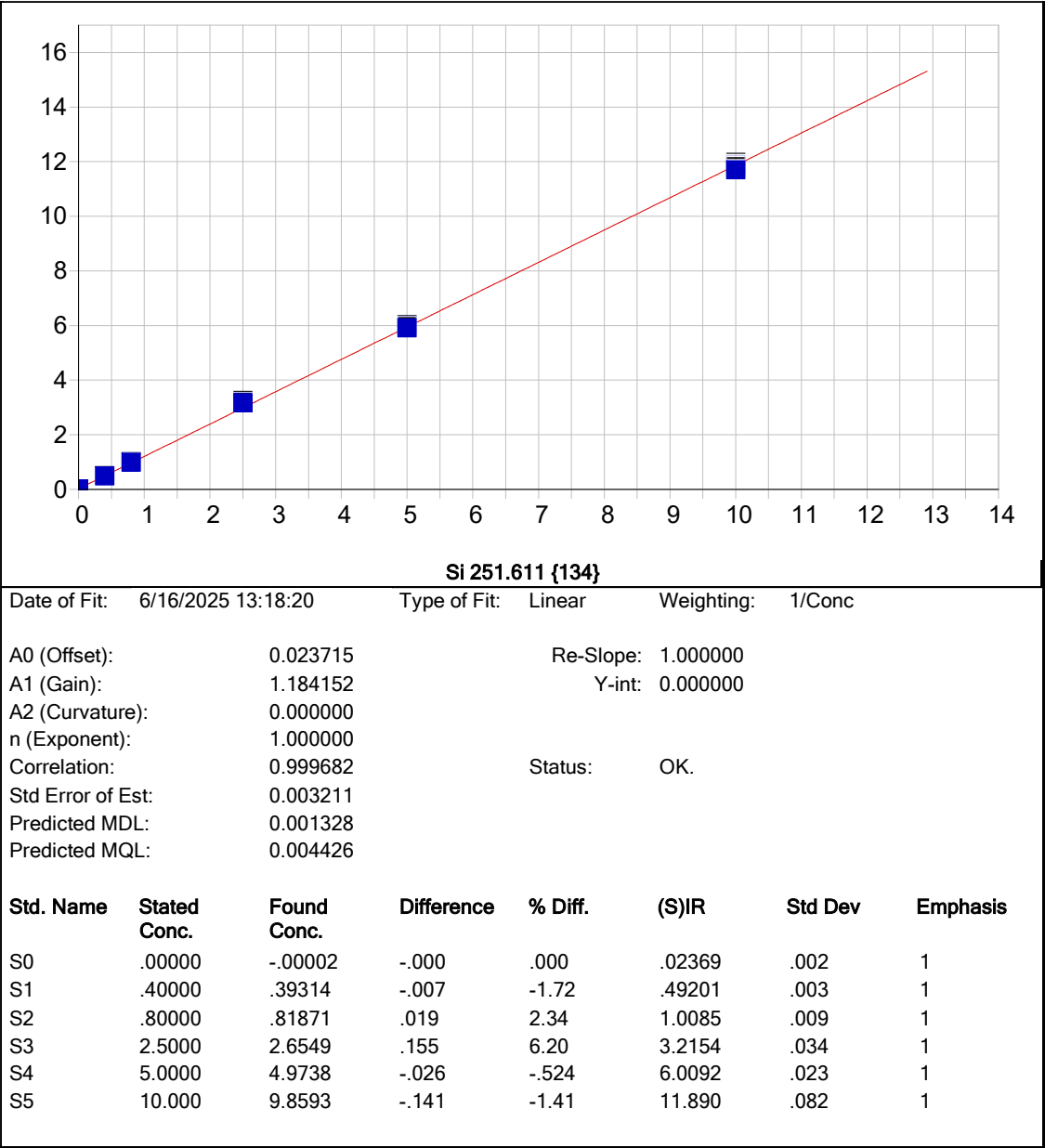


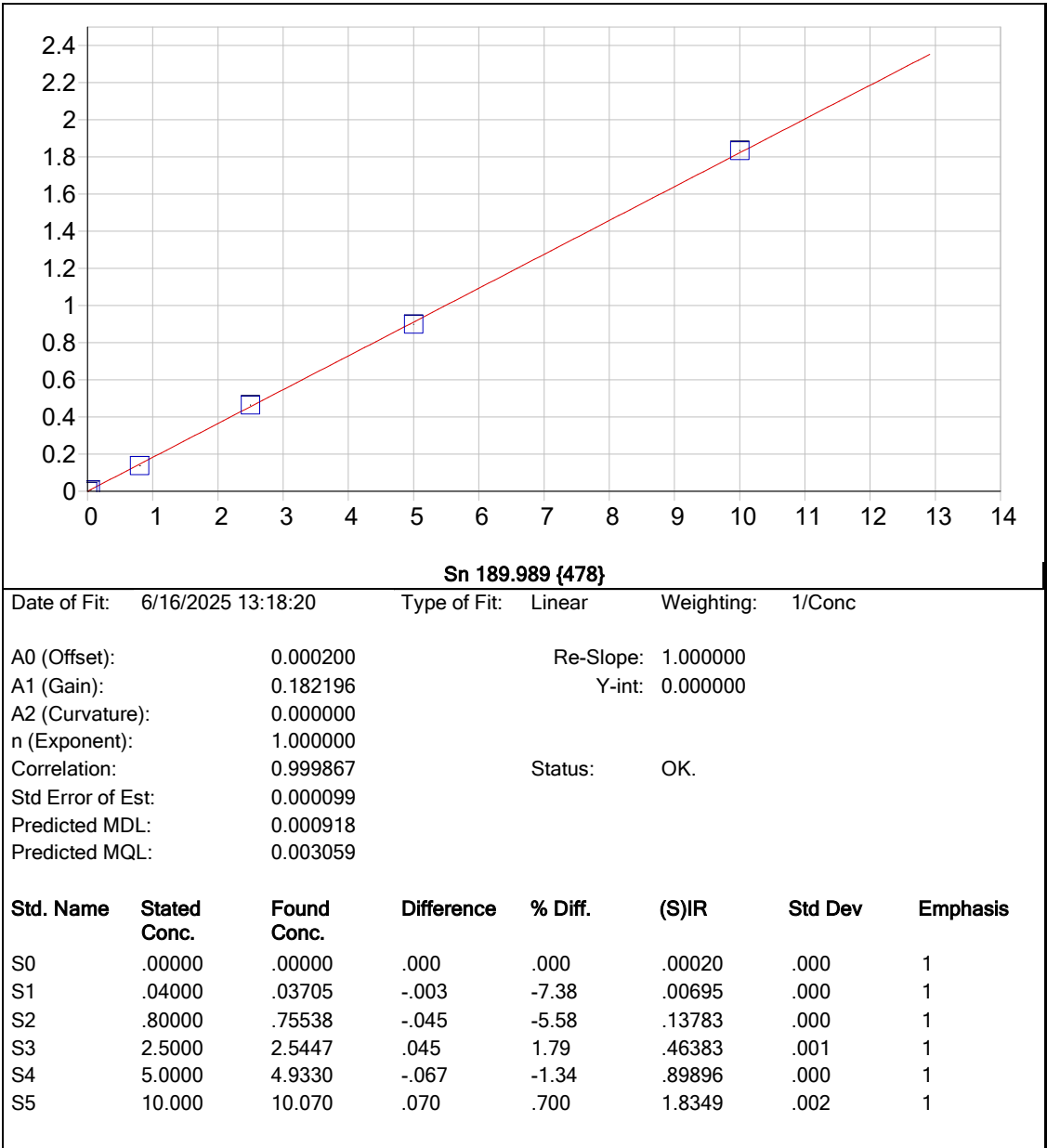


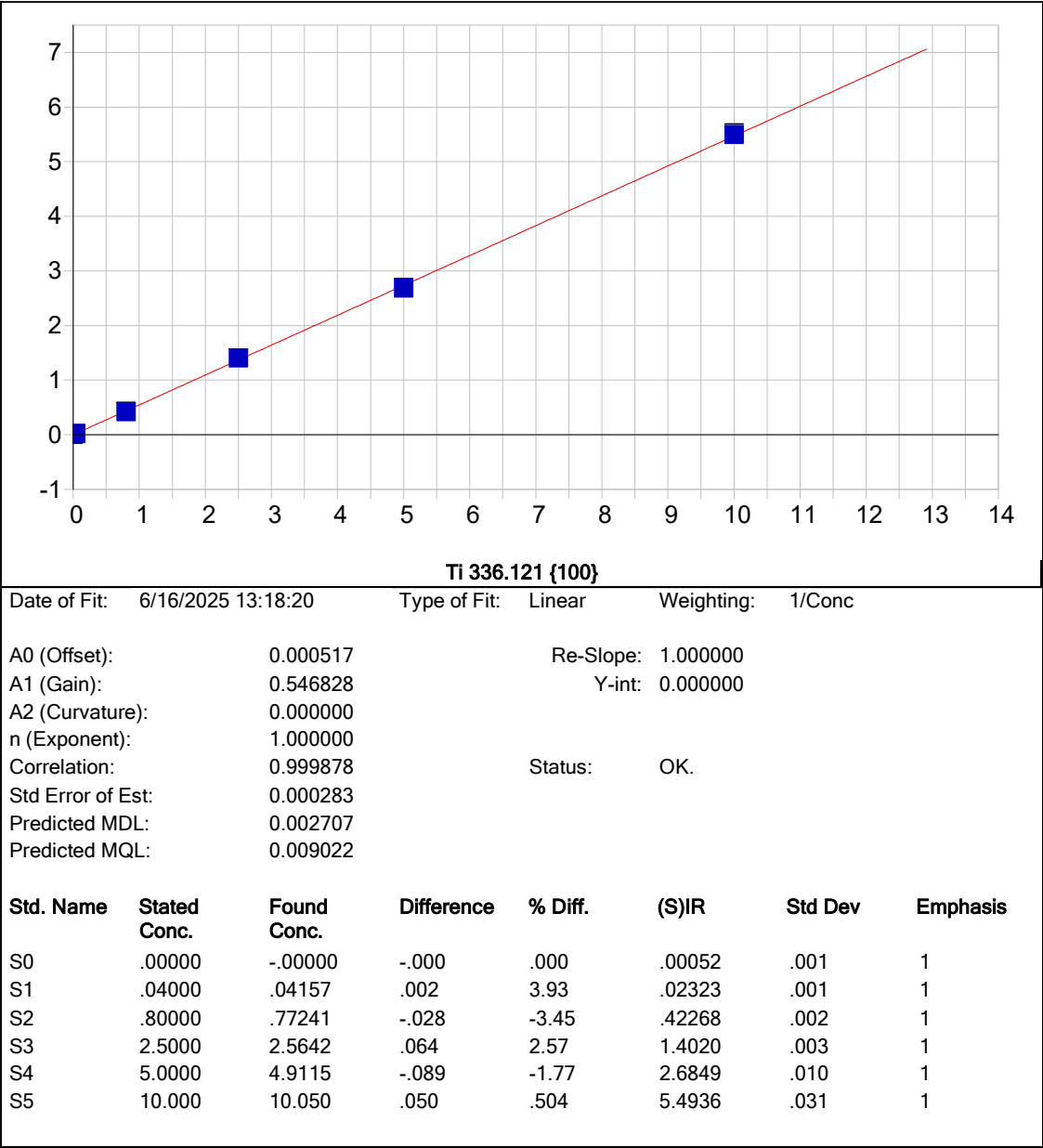


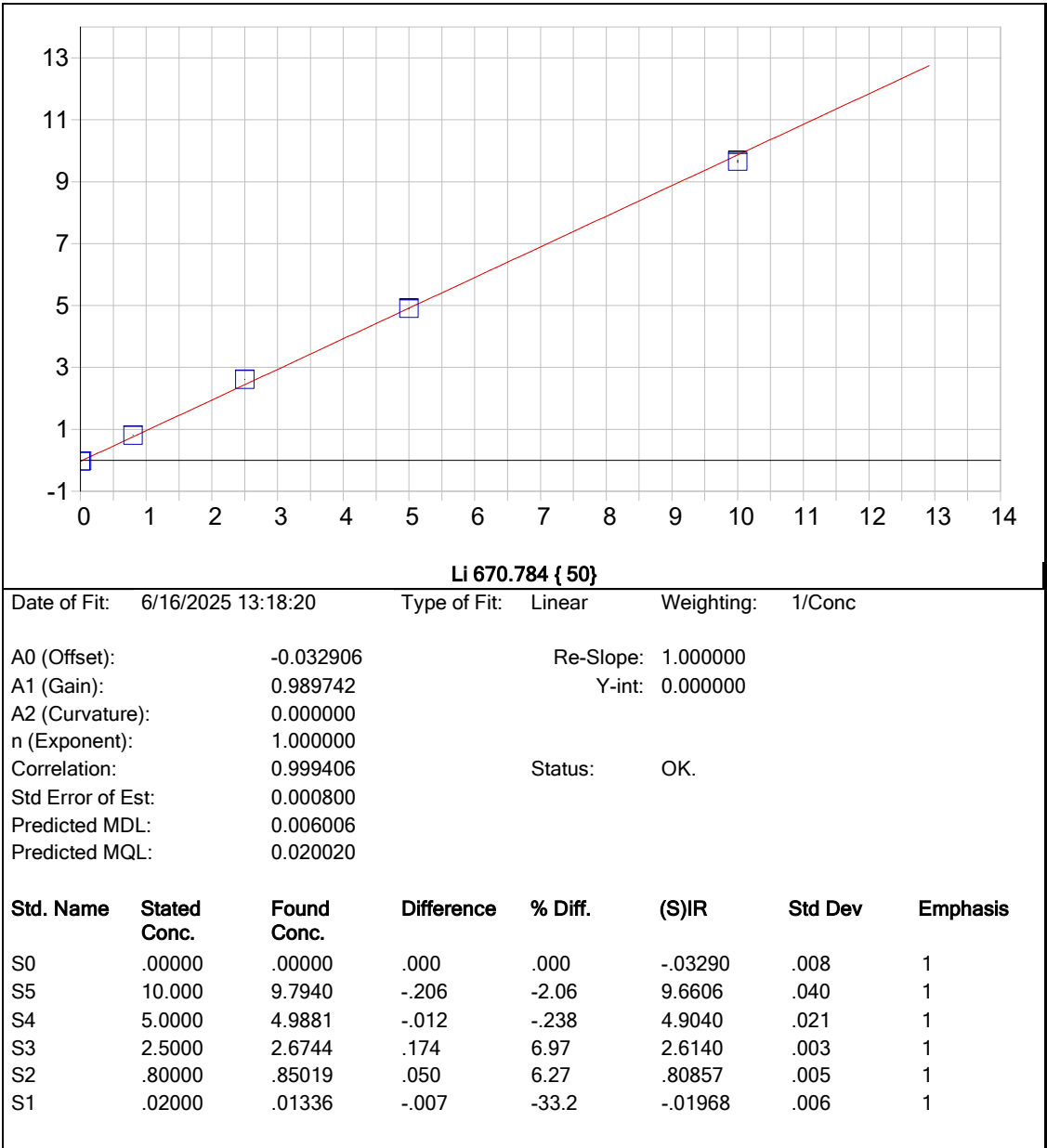


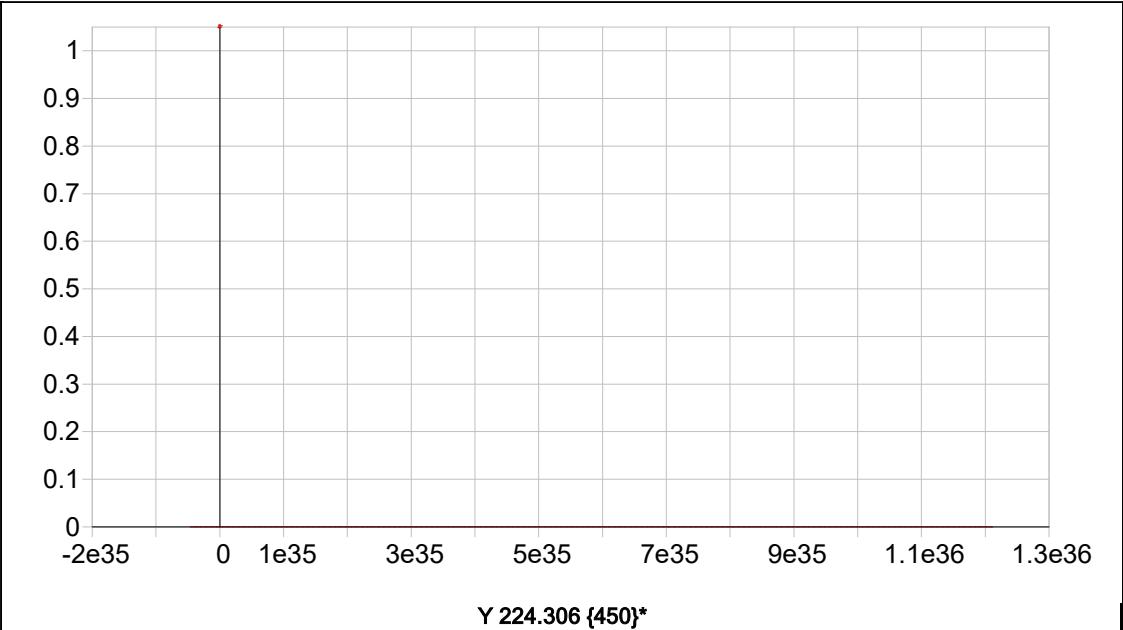






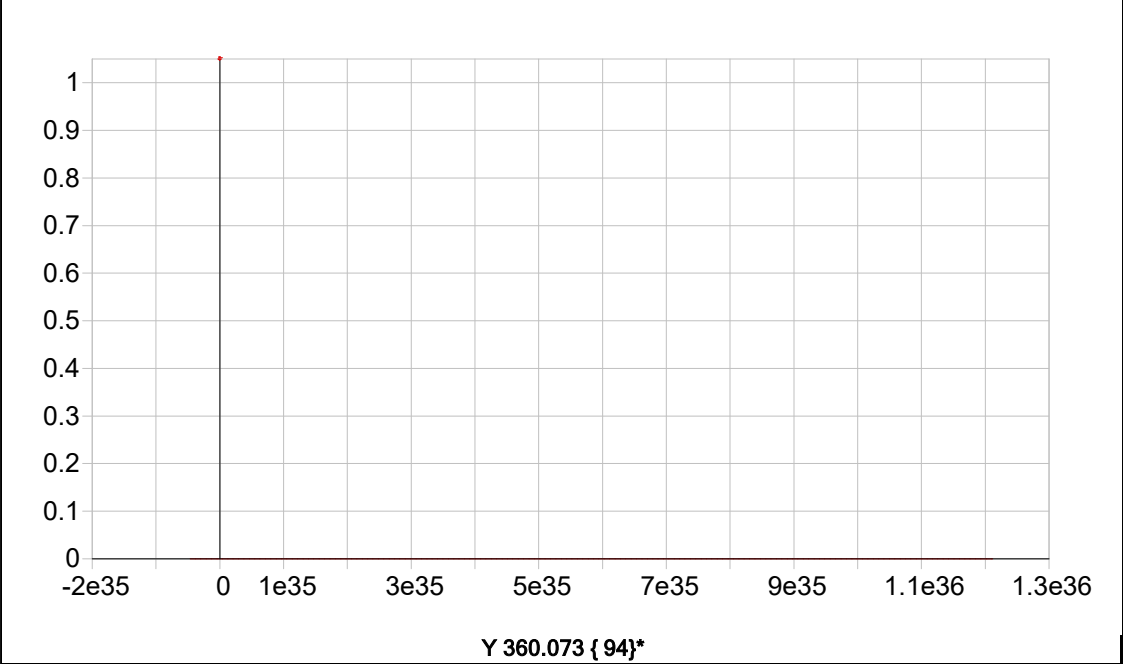




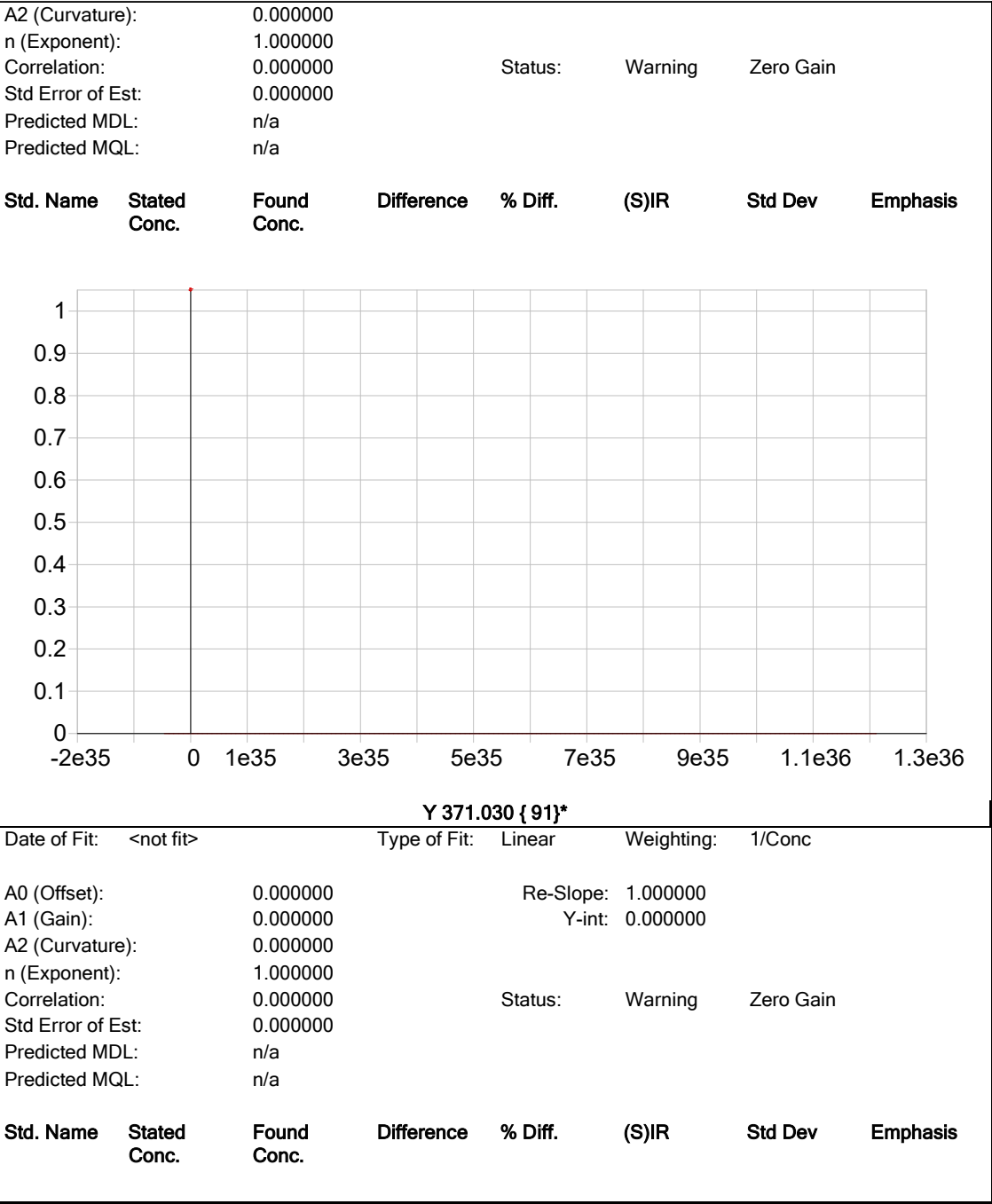


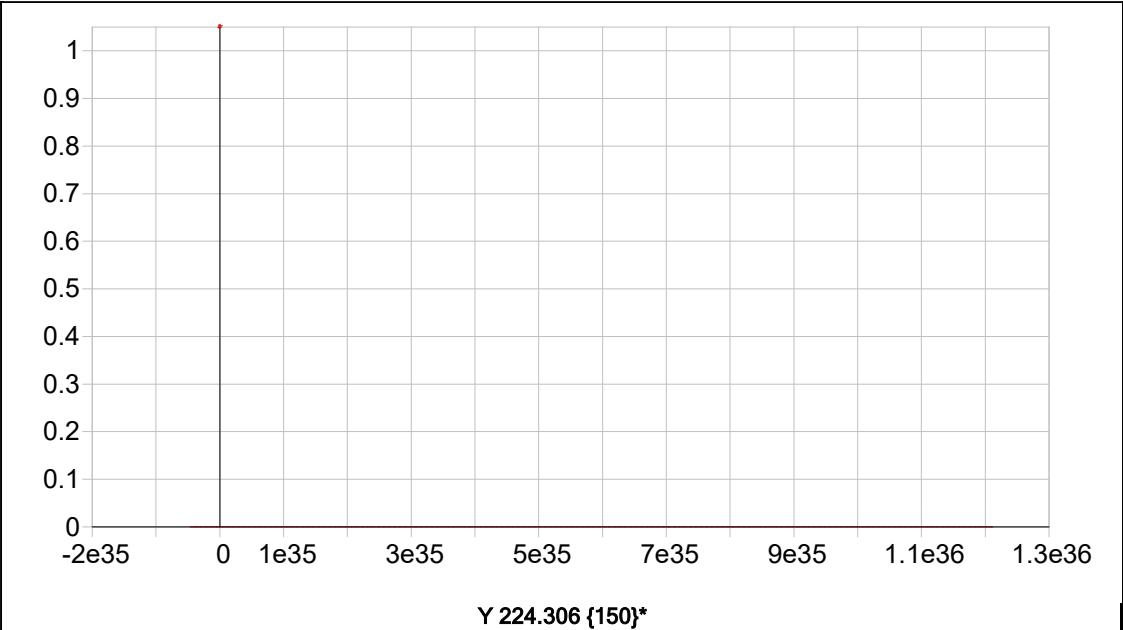
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A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------

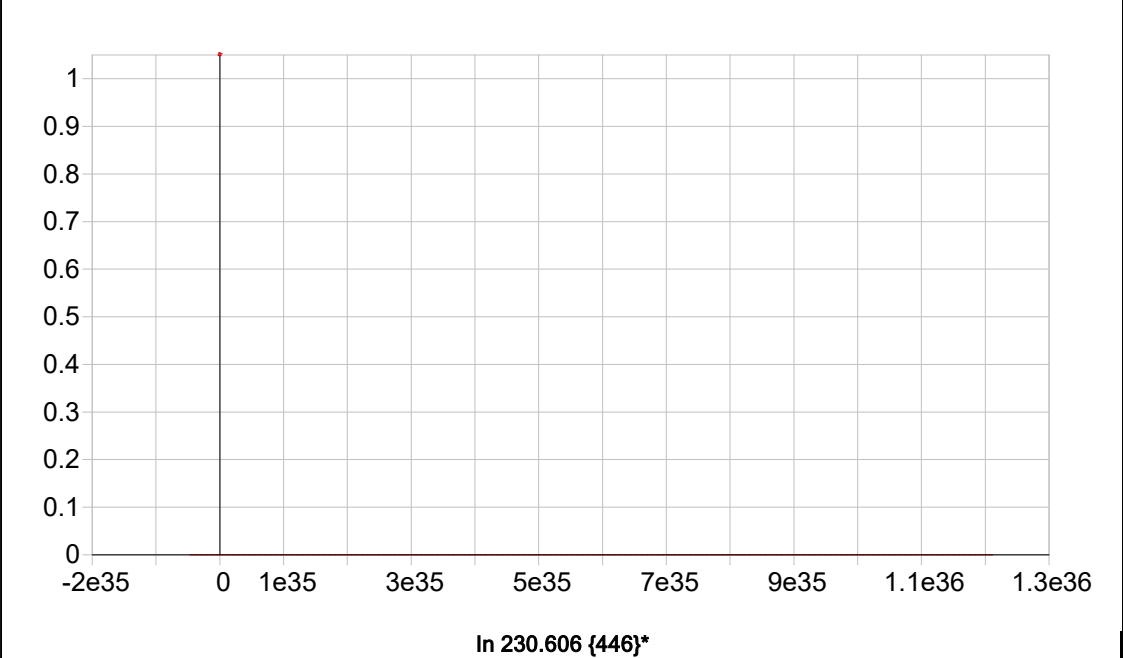


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		

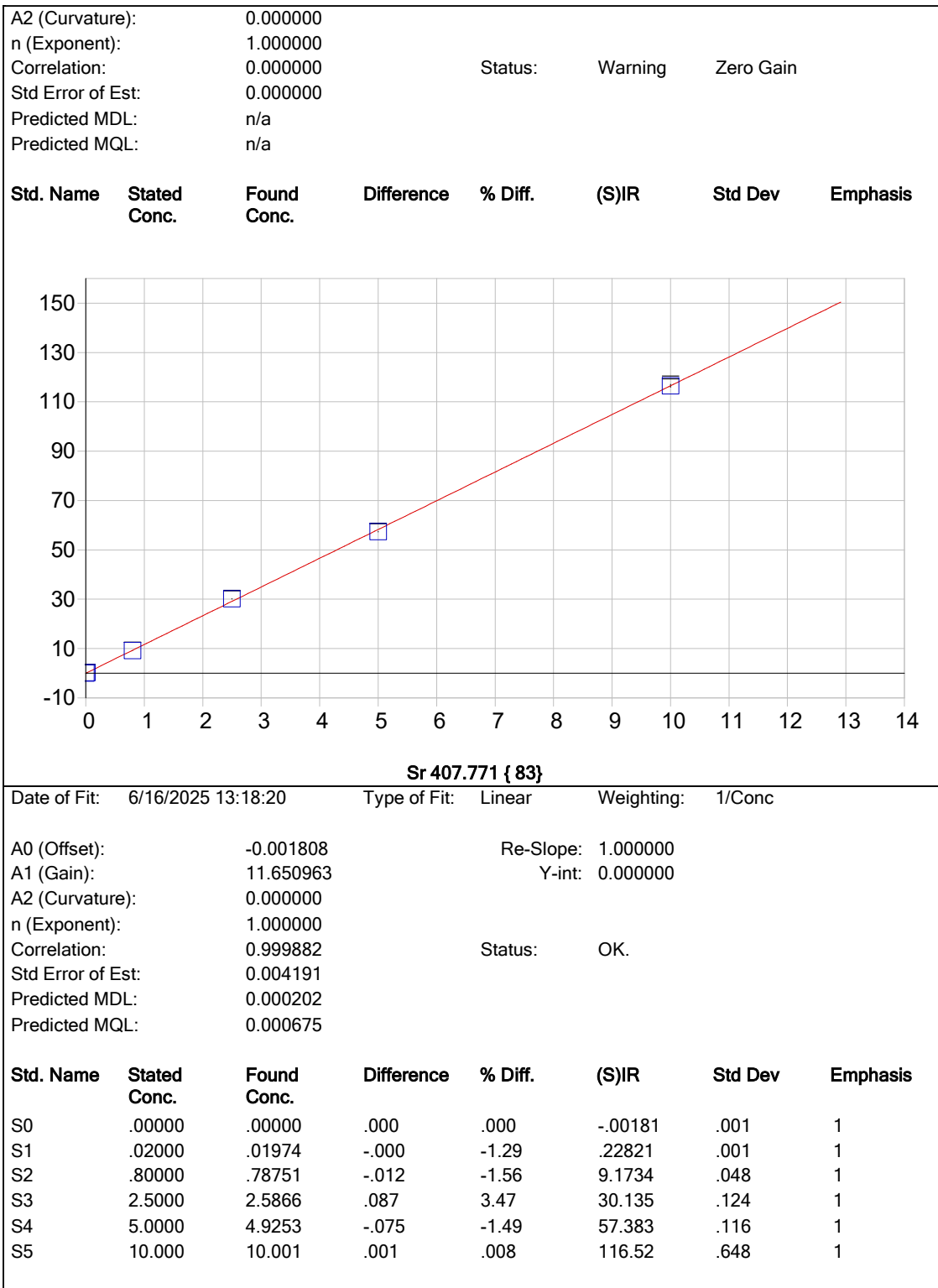




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000		Re-Slope:	1.000000			
A1 (Gain):	0.000000		Y-int:	0.000000			
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000		Status:	Warning	Zero Gain		
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



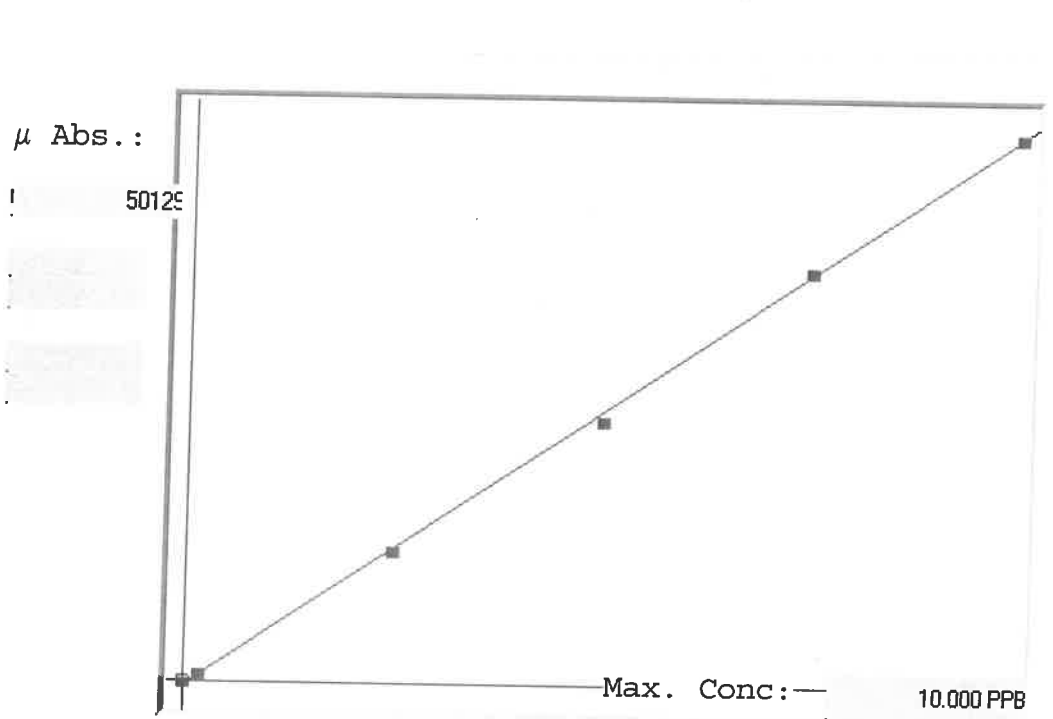
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000		Re-Slope:	1.000000			
A1 (Gain):	0.000000		Y-int:	0.000000			



LB136157

7470A

INSTRUMENT ID: CV1



Linear

A= 0.0000e+000
B= 1.9844e-004
C= 7.4226e-002
Rho= 0.9998182
Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	0/0
0.0	0.000	0.045	0.045	-145	0.000	-145	0				
0.2	0.200	0.240	0.040	833	0.0 %	833					
2.5	2.500	2.460	-0.040	12022	0.0 %	12022					
5.0	5.000	4.862	-0.138	24128	0.0 %	24128					
7.5	7.500	7.571	0.071	37777	0.0 %	37777					
10.0	10.000	10.022	0.022	50129	0.0 %	50129					

LB136157 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 16 Jun 2025 08:49:39

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	-145	-	0.0000	7470A	PPB	16 Jun 2025 09:01:55	S	Std
0.2 - 1	50.2	833	-	0.2000	7470A	PPB	16 Jun 2025 09:04:13	S	Std
2.5 - 1	52.5	12022	-	2.5000	7470A	PPB	16 Jun 2025 09:06:31	S	Std
5.0 - 1	55	24128	-	5.0000	7470A	PPB	16 Jun 2025 09:08:48	S	Std
7.5 - 1	57.5	37777	-	7.5000	7470A	PPB	16 Jun 2025 09:11:06	S	Std
10.0 - 1	516	50129	-	10.0000	7470A	PPB	16 Jun 2025 09:13:25	S	Std
ICV38 - 1	ICV38	17917	3.6297	-	7470A	PPB	16 Jun 2025 09:16:48	U	SMPL
ICB38 - 1	ICB38	-150	0.0445	-	7470A	PPB	16 Jun 2025 09:19:03	U	SMPL
CCV42 - 1	CCV42	24528	4.9416	-	7470A	PPB	16 Jun 2025 09:21:20	U	SMPL
CCB42 - 1	CCB42	-382	-0.0016	-	7470A	PPB	16 Jun 2025 09:23:35	U	SMPL
CRA - 1	CRA	744	0.2219	-	7470A	PPB	16 Jun 2025 09:25:52	U	SMPL
HighStd - 1	HighStd	49716	9.9400	-	7470A	PPB	16 Jun 2025 09:28:08	U	SMPL
ChkStd - 1	ChkStd	33071	6.6370	-	7470A	PPB	16 Jun 2025 09:30:22	U	SMPL
PB168479BL - 1	PBW	-453	-0.0157	-	7470A	PPB	16 Jun 2025 09:32:41	U	SMPL
PB168479BS - 1	LCSW	17905	3.6274	-	7470A	PPB	16 Jun 2025 09:40:00	U	SMPL
Q2287-02 - 1	CONCRETE-SLAB	-217	0.0312	-	7470A	PPB	16 Jun 2025 09:42:17	U	SMPL
Q2295-04 - 1	TP01-MH1-WC	-111	0.0522	-	7470A	PPB	16 Jun 2025 09:44:36	U	SMPL
Q2295-08 - 1	TP02-MH5-WC	-121	0.0502	-	7470A	PPB	16 Jun 2025 09:46:53	U	SMPL
Q2296-04 - 1	WC-1	-97	0.0550	-	7470A	PPB	16 Jun 2025 09:49:10	U	SMPL
Q2296-08 - 1	WC-2	-77	0.0589	-	7470A	PPB	16 Jun 2025 09:51:25	U	SMPL
CCV43 - 1	CCV43	23956	4.8281	-	7470A	PPB	16 Jun 2025 09:53:41	U	SMPL
CCB43 - 1	CCB43	-138	0.0468	-	7470A	PPB	16 Jun 2025 09:55:56	U	SMPL
Q2296-12 - 1	WC-3	65	0.0871	-	7470A	PPB	16 Jun 2025 09:58:14	U	SMPL
Q2296-16 - 1	WC-4	42	0.0826	-	7470A	PPB	16 Jun 2025 10:00:29	U	SMPL
Q2296-20 - 1	WC-5	-99	0.0546	-	7470A	PPB	16 Jun 2025 10:02:45	U	SMPL
Q2296-24 - 1	WC-6	-250	0.0246	-	7470A	PPB	16 Jun 2025 10:05:01	U	SMPL
Q2297-04 - 1	TP-3	-77	0.0589	-	7470A	PPB	16 Jun 2025 10:07:19	U	SMPL
Q2301-03 - 1	WC-URBAN-FILL-C	-77	0.0589	-	7470A	PPB	16 Jun 2025 10:09:36	U	SMPL
Q2310-04 - 1	TP-7	-53	0.0637	-	7470A	PPB	16 Jun 2025 10:11:53	U	SMPL
Q2310-04DUP - 1	TP-7DUP	106	0.0953	-	7470A	PPB	16 Jun 2025 10:14:10	U	SMPL
Q2310-04MS - 1	TP-7MS	17397	3.5265	-	7470A	PPB	16 Jun 2025 10:21:12	U	SMPL
Q2310-04MSD - 1	TP-7MSD	17391	3.5254	-	7470A	PPB	16 Jun 2025 10:23:26	U	SMPL
CCV44 - 1	CCV44	23336	4.7051	-	7470A	PPB	16 Jun 2025 10:25:44	U	SMPL
CCB44 - 1	CCB44	-373	0.0002	-	7470A	PPB	16 Jun 2025 10:28:02	U	SMPL
PB168428TB - 1	PB168428TB	-82	0.0580	-	7470A	PPB	16 Jun 2025 10:30:20	U	SMPL
Q2310-04LX5 - 1		-20	0.0703	-	7470A	PPB	16 Jun 2025 10:32:36	U	SMPL
Q2310-04A - 1		17172	3.4819	-	7470A	PPB	16 Jun 2025 10:34:52	U	SMPL
CCV45 - 1	CCV45	23565	4.7505	-	7470A	PPB	16 Jun 2025 10:40:01	U	SMPL
CCB45 - 1	CCB45	-281	0.0185	-	7470A	PPB	16 Jun 2025 10:42:16	U	SMPL

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 06/13/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 06/13/2025 Time : 15:35 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SJ28*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 16:35	<i>SJ28 met. dig.</i>	<i>[Signature] metals lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168428TB	PB168428TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
PB168477BL	PBW477	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
PB168477BS	LCS477	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6016	11
Q2287-02	CONCRETE-SLAB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q2295-04	TP01-MH1-WC	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
Q2295-08	TP02-MH5-WC	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
Q2296-04	WC-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
Q2296-08	WC-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16
Q2296-12	WC-3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
Q2296-16	WC-4	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
Q2296-20	WC-5	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
Q2296-24	WC-6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
Q2297-04	TP-3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
Q2301-03	WC-URBAN-FILL-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	22
Q2310-04	TP-7	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q2310-04MS	TP-7MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6016	25
Q2310-04MSD	TP-7MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6016	26
Q2310-04DUP	TP-7DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	24

TCLP EXTRACTION LOGPAGE

PB168428

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
PB168428TB	LEB428	13	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2287-02	CONCRETE-SLAB	01	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2295-04	TP01-MH1-WC	02	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2295-08	TP02-MH5-WC	03	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q2296-04	WC-1	04	100.01	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2296-08	WC-2	05	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2296-12	WC-3	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2296-16	WC-4	07	100.04	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2296-20	WC-5	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2296-24	WC-6	09	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2297-04	TP-3	10	100.04	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q2301-03	WC-URBAN-FILL-C	11	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2310-04	TP-7	12	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2

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: 06/13/2025 Time : 11:05 Temp : 94 °C

End Digest Date: 06/13/2025 Time : 13:05 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85977
CCV	30mL	MP85979
CRA	30mL	MP85981
Blank Spike	0.48mL	MP85970
Matrix Spike	0.48mL	MP85970

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	MP85971
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85972
2.5 ppb	S2.5	30mL	MP85973
5.0 ppb	S5.0	30mL	MP85974
7.5 ppb	S7.5	30mL	MP85975
10.0 ppb	S10.0	30mL	MP85976
ICV	ICV	30mL	MP85977
ICB	ICB	30mL	MP85978
CCV	CCV	30mL	MP85979
CCB	CCB	30mL	MP85980
CRI	CRI	30mL	MP85981
CHK STD	CHK STD	30mL	MP85982

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/19/25 13:10	<i>MB - Dig, Lab</i>	<i>MB - Metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168428TB	PB168428TB	3	30	<2	N/A	3-1
PB168479BL	PBW479	30	30	<2	N/A	2
PB168479BS	LCS479	30	30	<2	MP85970	3
Q2287-02	CONCRETE-SLAB	3	30	<2	N/A	4
Q2295-04	TP01-MH1-WC	3	30	<2	N/A	5
Q2295-08	TP02-MH5-WC	3	30	<2	N/A	6
Q2296-04	WC-1	3	30	<2	N/A	7
Q2296-08	WC-2	3	30	<2	N/A	8
Q2296-12	WC-3	3	30	<2	N/A	9
Q2296-16	WC-4	3	30	<2	N/A	10
Q2296-20	WC-5	3	30	<2	N/A	11
Q2296-24	WC-6	3	30	<2	N/A	12
Q2297-04	TP-3	3	30	<2	N/A	13
Q2301-03	WC-URBAN-FILL-C	3	30	<2	N/A	14
Q2310-04	TP-7	3	30	<2	N/A	15
Q2310-04DUP	TP-7DUP	3	30	<2	N/A	16
Q2310-04MS	TP-7MS	3	30	<2	MP85970	17
Q2310-04MSD	TP-7MSD	3	30	<2	MP85970	18

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 / T-2
TCLP Filter ID : 115525

Start Prep Date : 06/12/2025 Time : 16:00
End Prep Date : 06/13/2025 Time : 10:20
Combination Ratio : 20
ZHE Cleaning Batch : N/A 18
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : [Signature]
Supervisor By : [Signature]

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
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	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q2310-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 11:00	[Signature] 160A00m	SLB. RJ/ETH
	Preparation Group	Analysis Group [Signature]

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136157

Review By	MOHAN	Review On	6/16/2025 5:56:06 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:56:30 PM

STD. NAME	STD REF.#
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976
ICV Standard	MP85977
CCV Standard	MP85979
ICSA Standard	
CRI Standard	MP85981
LCS Standard	
Chk Standard	MP85978,MP85980,MP85982,MP85986

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/16/25 09:01		MOHAN	OK
2	S0.2	S0.2	CAL2	06/16/25 09:04		MOHAN	OK
3	S2.5	S2.5	CAL3	06/16/25 09:06		MOHAN	OK
4	S5	S5	CAL4	06/16/25 09:08		MOHAN	OK
5	S7.5	S7.5	CAL5	06/16/25 09:11		MOHAN	OK
6	S10	S10	CAL6	06/16/25 09:13		MOHAN	OK
7	ICV38	ICV38	ICV	06/16/25 09:16		MOHAN	OK
8	ICB38	ICB38	ICB	06/16/25 09:19		MOHAN	OK
9	CCV42	CCV42	CCV	06/16/25 09:21		MOHAN	OK
10	CCB42	CCB42	CCB	06/16/25 09:23		MOHAN	OK
11	CRA	CRA	CRDL	06/16/25 09:25		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/16/25 09:28		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/16/25 09:30		MOHAN	OK
14	PB168479BL	PB168479BL	MB	06/16/25 09:32		MOHAN	OK
15	PB168479BS	PB168479BS	LCS	06/16/25 09:40		MOHAN	OK
16	Q2287-02	CONCRETE-SLAB	SAM	06/16/25 09:42		MOHAN	OK
17	Q2295-04	TP01-MH1-WC	SAM	06/16/25 09:44		MOHAN	OK
18	Q2295-08	TP02-MH5-WC	SAM	06/16/25 09:46		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136157

Review By	MOHAN	Review On	6/16/2025 5:56:06 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:56:30 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976		
ICV Standard	MP85977		
CCV Standard	MP85979		
ICSA Standard			
CRI Standard	MP85981		
LCS Standard			
Chk Standard	MP85978,MP85980,MP85982,MP85986		

19	Q2296-04	WC-1	SAM	06/16/25 09:49		MOHAN	OK
20	Q2296-08	WC-2	SAM	06/16/25 09:51		MOHAN	OK
21	CCV43	CCV43	CCV	06/16/25 09:53		MOHAN	OK
22	CCB43	CCB43	CCB	06/16/25 09:55		MOHAN	OK
23	Q2296-12	WC-3	SAM	06/16/25 09:58		MOHAN	OK
24	Q2296-16	WC-4	SAM	06/16/25 10:00		MOHAN	OK
25	Q2296-20	WC-5	SAM	06/16/25 10:02		MOHAN	OK
26	Q2296-24	WC-6	SAM	06/16/25 10:05		MOHAN	OK
27	Q2297-04	TP-3	SAM	06/16/25 10:07		MOHAN	OK
28	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 10:09		MOHAN	OK
29	Q2310-04	TP-7	SAM	06/16/25 10:11		MOHAN	OK
30	Q2310-04DUP	TP-7DUP	DUP	06/16/25 10:14		MOHAN	OK
31	Q2310-04MS	TP-7MS	MS	06/16/25 10:21		MOHAN	OK
32	Q2310-04MSD	TP-7MSD	MSD	06/16/25 10:23		MOHAN	OK
33	CCV44	CCV44	CCV	06/16/25 10:25		MOHAN	OK
34	CCB44	CCB44	CCB	06/16/25 10:28		MOHAN	OK
35	PB168428TB	PB168428TB	MB	06/16/25 10:30		MOHAN	OK
36	Q2310-04L	TP-7L	SD	06/16/25 10:32		MOHAN	OK
37	Q2310-04A	TP-7A	PS	06/16/25 10:34		MOHAN	OK
38	CCV45	CCV45	CCV	06/16/25 10:40		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136157

Review By	MOHAN	Review On	6/16/2025 5:56:06 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:56:30 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976		
ICV Standard	MP85977		
CCV Standard	MP85979		
ICSA Standard			
CRI Standard	MP85981		
LCS Standard			
Chk Standard	MP85978,MP85980,MP85982,MP85986		

39	CCB45	CCB45	CCB	06/16/25 10:42		MOHAN	OK
----	-------	-------	-----	----------------	--	-------	----

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/16/25 12:52		Jaswal	OK
2	S1	S1	CAL2	06/16/25 12:56		Jaswal	OK
3	S2	S2	CAL3	06/16/25 13:01		Jaswal	OK
4	S3	S3	CAL4	06/16/25 13:05		Jaswal	OK
5	S4	S4	CAL5	06/16/25 13:09		Jaswal	OK
6	S5	S5	CAL6	06/16/25 13:13		Jaswal	OK
7	ICV01	ICV01	ICV	06/16/25 14:03		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/16/25 14:42		Jaswal	OK
9	ICB01	ICB01	ICB	06/16/25 14:49		Jaswal	OK
10	CRI01	CRI01	CRDL	06/16/25 14:53		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/16/25 14:59		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/16/25 15:06		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/16/25 15:12		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/16/25 15:20		Jaswal	OK
15	CCV01	CCV01	CCV	06/16/25 15:26		Jaswal	OK
16	CCB01	CCB01	CCB	06/16/25 15:30		Jaswal	OK
17	Q2287-02	CONCRETE-SLAB	SAM	06/16/25 15:35		Jaswal	OK
18	Q2295-04	TP01-MH1-WC	SAM	06/16/25 15:40		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

19	Q2295-08	TP02-MH5-WC	SAM	06/16/25 15:44		Jaswal	OK
20	Q2303-01	B-165-SB01	SAM	06/16/25 15:49		Jaswal	OK
21	Q2303-02	B-170-SB03	SAM	06/16/25 15:53		Jaswal	OK
22	Q2308-01	EO-02-06122025	SAM	06/16/25 15:58		Jaswal	OK
23	Q2328-01	CHRT25653	SAM	06/16/25 16:02		Jaswal	OK
24	PB168428TB	PB168428TB	MB	06/16/25 16:06		Jaswal	OK
25	PB168477BL	PB168477BL	MB	06/16/25 16:15		Jaswal	OK
26	PB168477BS	PB168477BS	LCS	06/16/25 16:19		Jaswal	OK
27	CCV02	CCV02	CCV	06/16/25 16:29		Jaswal	OK
28	CCB02	CCB02	CCB	06/16/25 16:34		Jaswal	OK
29	PB168472BL	PB168472BL	MB	06/16/25 16:44		Jaswal	OK
30	PB168472BS	PB168472BS	LCS	06/16/25 16:48		Jaswal	OK
31	Q2296-04	WC-1	SAM	06/16/25 16:54		Jaswal	OK
32	Q2296-08	WC-2	SAM	06/16/25 16:59		Jaswal	OK
33	Q2296-12	WC-3	SAM	06/16/25 17:03		Jaswal	OK
34	Q2296-16	WC-4	SAM	06/16/25 17:08		Jaswal	OK
35	Q2296-20	WC-5	SAM	06/16/25 17:12		Jaswal	OK
36	Q2296-24	WC-6	SAM	06/16/25 17:17		Jaswal	OK
37	Q2297-04	TP-3	SAM	06/16/25 17:21		Jaswal	OK
38	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 17:26		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By		Supervise On	

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCV03	CCV03	CCV	06/16/25 17:31		Jaswal	OK
40	CCB03	CCB03	CCB	06/16/25 17:49		Jaswal	OK
41	Q2310-04	TP-7	SAM	06/16/25 17:54		Jaswal	OK
42	Q2310-04DUP	TP-7DUP	DUP	06/16/25 17:58		Jaswal	OK
43	Q2310-04L	TP-7L	SD	06/16/25 18:03		Jaswal	OK
44	Q2310-04MS	TP-7MS	MS	06/16/25 18:07		Jaswal	OK
45	Q2310-04MSD	TP-7MSD	MSD	06/16/25 18:11		Jaswal	OK
46	Q2310-04A	TP-7A	PS	06/16/25 18:16		Jaswal	OK
47	Q2298-01	AU-05-061125	SAM	06/16/25 18:20		Jaswal	OK
48	Q2305-01	TR-04-06122025	SAM	06/16/25 18:25		Jaswal	OK
49	CCV04	CCV04	CCV	06/16/25 18:29		Jaswal	OK
50	CCB04	CCB04	CCB	06/16/25 18:33		Jaswal	OK
51	Q2307-01	LINDEN-SAA	SAM	06/16/25 18:38	CCB5 fail for Cd	Jaswal	Not Ok
52	Q2310-01	TP-7	SAM	06/16/25 18:42	CCB5 fail for Cd	Jaswal	Not Ok
53	Q2310-01DUP	TP-7DUP	DUP	06/16/25 18:46	CCB5 fail for Cd	Jaswal	Not Ok
54	Q2310-01L	TP-7L	SD	06/16/25 18:51	CCB5 fail for Cd	Jaswal	Not Ok
55	Q2310-01MS	TP-7MS	MS	06/16/25 18:55	CCB5 fail for Cd	Jaswal	Not Ok
56	Q2310-01MSD	TP-7MSD	MSD	06/16/25 18:59	CCB5 fail for Cd	Jaswal	Not Ok
57	Q2310-01A	TP-7A	PS	06/16/25 19:04	CCB5 fail for Cd	Jaswal	Not Ok
58	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 19:08	CCB5 fail for Cd	Jaswal	Not Ok

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By		Supervise On	

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2311-05	TP04-MH2MH3-WC	SAM	06/16/25 19:12	CCB5 fail for Cd	Jaswal	Not Ok
60	CCV05	CCV05	CCV	06/16/25 19:17		Jaswal	OK
61	CCB05	CCB05	CCB	06/16/25 19:21	Fail for Cd	Jaswal	OK
62	Q2296-01	WC-1	SAM	06/16/25 19:25	CCB5 fail for Cd	Jaswal	Not Ok
63	Q2296-01DUP	WC-1DUP	DUP	06/16/25 19:30	CCB5 fail for Cd	Jaswal	Not Ok
64	Q2296-01L	WC-1L	SD	06/16/25 19:34	CCB5 fail for Cd	Jaswal	Not Ok
65	Q2296-01MS	WC-1MS	MS	06/16/25 19:38	CCB5 fail for Cd	Jaswal	Not Ok
66	Q2296-01MSD	WC-1MSD	MSD	06/16/25 19:42	CCB5 fail for Cd	Jaswal	Not Ok
67	Q2296-01A	WC-1A	PS	06/16/25 19:47	CCB5 fail for Cd	Jaswal	Not Ok
68	Q2296-09	WC-3	SAM	06/16/25 19:51	CCB5 fail for Cd	Jaswal	Not Ok
69	Q2296-13	WC-4	SAM	06/16/25 19:55	CCB5 fail for Cd	Jaswal	Not Ok
70	Q2296-17	WC-5	SAM	06/16/25 20:00	CCB5 fail for Cd	Jaswal	Not Ok
71	CCV06	CCV06	CCV	06/16/25 20:04		Jaswal	OK
72	CCB06	CCB06	CCB	06/16/25 20:08		Jaswal	OK
73	Q2296-21	WC-6	SAM	06/16/25 20:13		Jaswal	Not Ok
74	Q2297-01	TP-3	SAM	06/16/25 20:17		Jaswal	OK
75	Q2307-03DL	LINDEN-SAA-WATER	SAM	06/16/25 20:22	Report straight 5X	Jaswal	OK
76	Q2316-01	RW8-SP100-2025061	SAM	06/16/25 20:26		Jaswal	OK
77	Q2316-02	RW8-SP303-2025061	SAM	06/16/25 20:30		Jaswal	OK
78	Q2316-02DUP	RW8-SP303-2025061	DUP	06/16/25 20:35		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

79	Q2316-02L	RW8-SP303-2025061	SD	06/16/25 20:39		Jaswal	OK
80	Q2316-02MS	RW8-SP303-2025061	MS	06/16/25 20:43		Jaswal	OK
81	Q2316-02MSD	RW8-SP303-2025061	MSD	06/16/25 20:48		Jaswal	OK
82	CCV07	CCV07	CCV	06/16/25 20:52		Jaswal	OK
83	CCB07	CCB07	CCB	06/16/25 20:56		Jaswal	OK
84	Q2316-02A	RW8-SP303-2025061	PS	06/16/25 21:01		Jaswal	OK
85	CCV08	CCV08	CCV	06/16/25 21:14		Jaswal	OK
86	CCB08	CCB08	CCB	06/16/25 21:18		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 / T-2

TCLP Filter ID : 115525

Start Prep Date : 06/12/2025 Time : 16:00

End Prep Date : 06/13/2025 Time : 10:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A 18

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 18

Supervisor By : 12

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
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	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q2310-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 11:00	150 AOCm	SLB. RJ/CH
	Preparation Group	Analysis Group

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
PB168428TB	LEB428	13	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2287-02	CONCRETE-SLAB	01	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2295-04	TP01-MH1-WC	02	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2295-08	TP02-MH5-WC	03	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q2296-04	WC-1	04	100.01	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2296-08	WC-2	05	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2296-12	WC-3	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2296-16	WC-4	07	100.04	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2296-20	WC-5	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2296-24	WC-6	09	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2297-04	TP-3	10	100.04	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q2301-03	WC-URBAN-FILL-C	11	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2310-04	TP-7	12	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168428TB	LEB428	N/A	N/A	N/A	N/A	N/A	N/A
Q2287-02	CONCRETE-SLAB	N/A	N/A	N/A	N/A	100	N/A
Q2295-04	TP01-MH1-WC	N/A	N/A	N/A	N/A	100	N/A
Q2295-08	TP02-MH5-WC	N/A	N/A	N/A	N/A	100	N/A
Q2296-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q2296-08	WC-2	N/A	N/A	N/A	N/A	100	N/A
Q2296-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q2296-16	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q2296-20	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q2296-24	WC-6	N/A	N/A	N/A	N/A	100	N/A
Q2297-04	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q2301-03	WC-URBAN-FILL-C	N/A	N/A	N/A	N/A	100	N/A
Q2310-04	TP-7	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
PB168428TB	LEB428	N/A	N/A	N/A	N/A	#1	4.93
Q2287-02	CONCRETE-SLAB	5.04	96.5	11.5	4.5	#1	4.93
Q2295-04	TP01-MH1-WC	5.02	96.5	10.5	4.5	#1	4.93
Q2295-08	TP02-MH5-WC	5.01	96.5	9.1	4.0	#1	4.93
Q2296-04	WC-1	5.02	96.5	8.0	3.0	#1	4.93
Q2296-08	WC-2	5.03	96.5	8.0	3.0	#1	4.93
Q2296-12	WC-3	5.04	96.5	7.6	2.5	#1	4.93
Q2296-16	WC-4	5.03	96.5	8.0	3.0	#1	4.93
Q2296-20	WC-5	5.02	96.5	8.0	3.0	#1	4.93
Q2296-24	WC-6	5.01	96.5	7.6	2.5	#1	4.93
Q2297-04	TP-3	5.02	96.5	9.5	4.0	#1	4.93
Q2301-03	WC-URBAN-FILL-C	5.01	96.5	8.2	3.5	#1	4.93
Q2310-04	TP-7	5.02	96.5	9.3	4.0	#1	4.93



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2301

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/CR	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

PRESERVATIVES

COMMENTS

DATA TURNAROUND INFORMATION

FAX: _____ 3 _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ 3 _____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-URBAN-FILL-G	Soil		X	6/11	12:00	1	X									
2.	WC-URBAN-FILL-C	Soil	X		6/11	12:00	11		X	X	X	X	X	X	X	X	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 6/11 12:00	RECEIVED BY 1. [Signature] 12:52	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0°C Ice in Cooler? Yes
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2. [Signature]		2. [Signature]	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3. [Signature]	6.11.2025 1745	3. [Signature]	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
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CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2301

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

ASTM COD	ASTM Ammonia Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter
10	11	12	13	14	15	16

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E
1.	WC-URBAN-FILL-G	Soil		X	6/11	12:00	1									
2.	WC-URBAN-FILL-C	Soil	X		6/11	12:00	11	X	X	X	X	X	X	X		
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 6-11-2025 12:32	RECEIVED BY 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.02
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3. [Signature]	6-11-2025 1745	3. [Signature]	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488