

Cover Page

Order ID : P4595

Project ID : Pitkin Yard

Client : Tully Construction Co., Inc.

Lab Sample Number

P4595-01
P4595-02
P4595-03
P4595-04
P4595-05

Client Sample Number

PITKIN-COMP
PITKIN-COMP
PITKIN-THP2
PITKIN-TPH3
PITKIN-GRAB

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: 11/6/2024

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 #: P4595

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 Castody

✓

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: KETAN PATEL

Date: 11/06/2024

LAB CHRONICLE

OrderID:	P4595	OrderDate:	10/28/2024 11:31:00 AM
Client:	Tully Construction Co., Inc.	Project:	Pitkin Yard
Contact:	Dean Devoe	Location:	K61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4595-01	PITKIN-COMP	SOIL			10/28/24			10/28/24
			Mercury	7471B		10/28/24	10/29/24	
			Metals ICP-TAL	6010D		10/29/24	10/30/24	
P4595-02	PITKIN-COMP	TCLP			10/28/24			10/28/24
			TCLP ICP Metals	6010D		10/29/24	10/30/24	
			TCLP Mercury	7470A		10/29/24	10/30/24	

Hit Summary Sheet SW-846

SDG No.: P4595

Order ID: P4595

Client: Tully Construction Co., Inc.

Project ID: Pitkin Yard

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PITKIN-COMP								
P4595-01	PITKIN-COMP	SOIL	Aluminum	3840		2.39	4.95	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Antimony	0.30	J	0.15	2.48	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Arsenic	2.75		0.29	0.99	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Barium	27.6		0.63	4.95	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Beryllium	0.27	J	0.012	0.30	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Cadmium	0.44		0.016	0.30	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Calcium	1980		2.77	99.0	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Chromium	10.0		0.053	0.50	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Cobalt	4.15		0.057	1.49	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Copper	15.5		0.47	0.99	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Iron	8160		2.66	4.95	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Lead	131		0.15	0.59	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Magnesium	945		3.40	99.0	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Manganese	186		0.070	0.99	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Mercury	0.20		0.0070	0.015	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Nickel	9.21		0.089	1.98	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Potassium	350		28.4	99.0	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Silver	0.22	J	0.051	0.50	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Sodium	73.1	J	35.7	99.0	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Vanadium	15.1		0.27	1.98	mg/Kg
P4595-01	PITKIN-COMP	SOIL	Zinc	75.2		0.11	1.98	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	10/28/24
Project:	Pitkin Yard	Date Received:	10/28/24
Client Sample ID:	PITKIN-COMP	SDG No.:	P4595
Lab Sample ID:	P4595-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3840		1	2.39	4.95	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-36-0	Antimony	0.30	JN	1	0.15	2.48	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-38-2	Arsenic	2.75		1	0.29	0.99	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-39-3	Barium	27.6		1	0.63	4.95	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-41-7	Beryllium	0.27	J	1	0.012	0.30	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-43-9	Cadmium	0.44		1	0.016	0.30	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-70-2	Calcium	1980		1	2.77	99.0	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-47-3	Chromium	10.0	N	1	0.053	0.50	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-48-4	Cobalt	4.15		1	0.057	1.49	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-50-8	Copper	15.5	N	1	0.47	0.99	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7439-89-6	Iron	8160		1	2.66	4.95	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7439-92-1	Lead	131		1	0.15	0.59	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7439-95-4	Magnesium	945		1	3.40	99.0	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7439-96-5	Manganese	186		1	0.070	0.99	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7439-97-6	Mercury	0.20		1	0.0070	0.015	mg/Kg	10/28/24 16:15	10/29/24 11:46	SW7471B	
7440-02-0	Nickel	9.21		1	0.089	1.98	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-09-7	Potassium	350		1	28.4	99.0	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7782-49-2	Selenium	0.33	UN	1	0.33	0.99	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-22-4	Silver	0.22	J	1	0.051	0.50	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-23-5	Sodium	73.1	J	1	35.7	99.0	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	1.98	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-62-2	Vanadium	15.1		1	0.27	1.98	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050
7440-66-6	Zinc	75.2		1	0.11	1.98	mg/Kg	10/29/24 11:30	10/30/24 20:36	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
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
ICV57	Mercury	4.16	4.0	104	90 - 110	CV	10/29/2024	10:32	LB133185

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
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
CCV86	Mercury	5.13	5.0	103	90 - 110	CV	10/29/2024	10:36	LB133185
CCV87	Mercury	5.18	5.0	104	90 - 110	CV	10/29/2024	11:04	LB133185
CCV88	Mercury	5.28	5.0	106	90 - 110	CV	10/29/2024	11:32	LB133185
CCV89	Mercury	5.26	5.0	105	90 - 110	CV	10/29/2024	11:57	LB133185

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2430	2500	97	90 - 110	P	10/30/2024	16:59	LB133235
	Antimony	1020	1000	102	90 - 110	P	10/30/2024	16:59	LB133235
	Arsenic	963	1000	96	90 - 110	P	10/30/2024	16:59	LB133235
	Barium	477	520	92	90 - 110	P	10/30/2024	16:59	LB133235
	Beryllium	486	510	95	90 - 110	P	10/30/2024	16:59	LB133235
	Cadmium	482	510	94	90 - 110	P	10/30/2024	16:59	LB133235
	Calcium	9500	10000	95	90 - 110	P	10/30/2024	16:59	LB133235
	Chromium	526	520	101	90 - 110	P	10/30/2024	16:59	LB133235
	Cobalt	517	520	99	90 - 110	P	10/30/2024	16:59	LB133235
	Copper	534	510	105	90 - 110	P	10/30/2024	16:59	LB133235
	Iron	9960	10000	100	90 - 110	P	10/30/2024	16:59	LB133235
	Lead	972	1000	97	90 - 110	P	10/30/2024	16:59	LB133235
	Magnesium	5480	6000	91	90 - 110	P	10/30/2024	16:59	LB133235
	Manganese	486	520	94	90 - 110	P	10/30/2024	16:59	LB133235
	Nickel	521	530	98	90 - 110	P	10/30/2024	16:59	LB133235
	Potassium	9810	9900	99	90 - 110	P	10/30/2024	16:59	LB133235
	Selenium	1000	1000	100	90 - 110	P	10/30/2024	16:59	LB133235
	Silver	260	250	104	90 - 110	P	10/30/2024	16:59	LB133235
	Sodium	9440	10000	94	90 - 110	P	10/30/2024	16:59	LB133235
	Thallium	1010	1000	101	90 - 110	P	10/30/2024	16:59	LB133235
	Vanadium	467	500	93	90 - 110	P	10/30/2024	16:59	LB133235
	Zinc	1030	1000	103	90 - 110	P	10/30/2024	16:59	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.5	100	100	80 - 120	P	10/30/2024	17:03	LB133235
	Antimony	47.8	50.0	96	80 - 120	P	10/30/2024	17:03	LB133235
	Arsenic	19.3	20.0	96	80 - 120	P	10/30/2024	17:03	LB133235
	Barium	89.9	100	90	80 - 120	P	10/30/2024	17:03	LB133235
	Beryllium	5.36	6.0	89	80 - 120	P	10/30/2024	17:03	LB133235
	Cadmium	5.74	6.0	96	80 - 120	P	10/30/2024	17:03	LB133235
	Calcium	1830	2000	91	80 - 120	P	10/30/2024	17:03	LB133235
	Chromium	9.65	10.0	96	80 - 120	P	10/30/2024	17:03	LB133235
	Cobalt	28.1	30.0	94	80 - 120	P	10/30/2024	17:03	LB133235
	Copper	21.4	20.0	107	80 - 120	P	10/30/2024	17:03	LB133235
	Iron	95.8	100	96	80 - 120	P	10/30/2024	17:03	LB133235
	Lead	11.8	12.0	99	80 - 120	P	10/30/2024	17:03	LB133235
	Magnesium	1780	2000	89	80 - 120	P	10/30/2024	17:03	LB133235
	Manganese	18.3	20.0	92	80 - 120	P	10/30/2024	17:03	LB133235
	Nickel	37.8	40.0	94	80 - 120	P	10/30/2024	17:03	LB133235
	Potassium	1770	2000	88	80 - 120	P	10/30/2024	17:03	LB133235
	Selenium	18.3	20.0	91	80 - 120	P	10/30/2024	17:03	LB133235
	Silver	10.2	10.0	102	80 - 120	P	10/30/2024	17:03	LB133235
	Sodium	1670	2000	84	80 - 120	P	10/30/2024	17:03	LB133235
	Thallium	38.1	40.0	95	80 - 120	P	10/30/2024	17:03	LB133235
	Vanadium	33.4	40.0	84	80 - 120	P	10/30/2024	17:03	LB133235
	Zinc	41.3	40.0	103	80 - 120	P	10/30/2024	17:03	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9480	10000	95	90 - 110	P	10/30/2024	17:33	LB133235
	Antimony	4880	5000	98	90 - 110	P	10/30/2024	17:33	LB133235
	Arsenic	4830	5000	97	90 - 110	P	10/30/2024	17:33	LB133235
	Barium	9200	10000	92	90 - 110	P	10/30/2024	17:33	LB133235
	Beryllium	231	250	92	90 - 110	P	10/30/2024	17:33	LB133235
	Cadmium	2370	2500	95	90 - 110	P	10/30/2024	17:33	LB133235
	Calcium	23200	25000	93	90 - 110	P	10/30/2024	17:33	LB133235
	Chromium	920	1000	92	90 - 110	P	10/30/2024	17:33	LB133235
	Cobalt	2380	2500	95	90 - 110	P	10/30/2024	17:33	LB133235
	Copper	1220	1250	98	90 - 110	P	10/30/2024	17:33	LB133235
	Iron	4680	5000	94	90 - 110	P	10/30/2024	17:33	LB133235
	Lead	4770	5000	96	90 - 110	P	10/30/2024	17:33	LB133235
	Magnesium	26000	25000	104	90 - 110	P	10/30/2024	17:33	LB133235
	Manganese	2260	2500	91	90 - 110	P	10/30/2024	17:33	LB133235
	Nickel	2400	2500	96	90 - 110	P	10/30/2024	17:33	LB133235
	Potassium	23800	25000	95	90 - 110	P	10/30/2024	17:33	LB133235
	Selenium	4910	5000	98	90 - 110	P	10/30/2024	17:33	LB133235
	Silver	1200	1250	96	90 - 110	P	10/30/2024	17:33	LB133235
	Sodium	23200	25000	93	90 - 110	P	10/30/2024	17:33	LB133235
	Thallium	4840	5000	97	90 - 110	P	10/30/2024	17:33	LB133235
	Vanadium	2700	2500	108	90 - 110	P	10/30/2024	17:33	LB133235
	Zinc	2440	2500	97	90 - 110	P	10/30/2024	17:33	LB133235
CCV02	Aluminum	9440	10000	94	90 - 110	P	10/30/2024	18:29	LB133235
	Antimony	4890	5000	98	90 - 110	P	10/30/2024	18:29	LB133235
	Arsenic	4850	5000	97	90 - 110	P	10/30/2024	18:29	LB133235
	Barium	9140	10000	91	90 - 110	P	10/30/2024	18:29	LB133235
	Beryllium	226	250	90	90 - 110	P	10/30/2024	18:29	LB133235
	Cadmium	2370	2500	95	90 - 110	P	10/30/2024	18:29	LB133235
	Calcium	22800	25000	91	90 - 110	P	10/30/2024	18:29	LB133235
	Chromium	912	1000	91	90 - 110	P	10/30/2024	18:29	LB133235
	Cobalt	2380	2500	95	90 - 110	P	10/30/2024	18:29	LB133235
	Copper	1230	1250	98	90 - 110	P	10/30/2024	18:29	LB133235
	Iron	4670	5000	93	90 - 110	P	10/30/2024	18:29	LB133235
	Lead	4760	5000	95	90 - 110	P	10/30/2024	18:29	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25300	25000	101	90 - 110	P	10/30/2024	18:29	LB133235
	Manganese	2730	2500	109	90 - 110	P	10/30/2024	18:29	LB133235
	Nickel	2400	2500	96	90 - 110	P	10/30/2024	18:29	LB133235
	Potassium	24400	25000	97	90 - 110	P	10/30/2024	18:29	LB133235
	Selenium	4940	5000	99	90 - 110	P	10/30/2024	18:29	LB133235
	Silver	1200	1250	96	90 - 110	P	10/30/2024	18:29	LB133235
	Sodium	23400	25000	94	90 - 110	P	10/30/2024	18:29	LB133235
	Thallium	4870	5000	97	90 - 110	P	10/30/2024	18:29	LB133235
	Vanadium	2740	2500	110	90 - 110	P	10/30/2024	18:29	LB133235
	Zinc	2440	2500	98	90 - 110	P	10/30/2024	18:29	LB133235
CCV03	Aluminum	9550	10000	96	90 - 110	P	10/30/2024	19:23	LB133235
	Antimony	4930	5000	99	90 - 110	P	10/30/2024	19:23	LB133235
	Arsenic	4900	5000	98	90 - 110	P	10/30/2024	19:23	LB133235
	Barium	9020	10000	90	90 - 110	P	10/30/2024	19:23	LB133235
	Beryllium	230	250	92	90 - 110	P	10/30/2024	19:23	LB133235
	Cadmium	2390	2500	96	90 - 110	P	10/30/2024	19:23	LB133235
	Calcium	23000	25000	92	90 - 110	P	10/30/2024	19:23	LB133235
	Chromium	922	1000	92	90 - 110	P	10/30/2024	19:23	LB133235
	Cobalt	2410	2500	96	90 - 110	P	10/30/2024	19:23	LB133235
	Copper	1240	1250	99	90 - 110	P	10/30/2024	19:23	LB133235
	Iron	4720	5000	94	90 - 110	P	10/30/2024	19:23	LB133235
	Lead	4820	5000	96	90 - 110	P	10/30/2024	19:23	LB133235
	Magnesium	25400	25000	102	90 - 110	P	10/30/2024	19:23	LB133235
	Manganese	2480	2500	99	90 - 110	P	10/30/2024	19:23	LB133235
	Nickel	2420	2500	97	90 - 110	P	10/30/2024	19:23	LB133235
	Potassium	24600	25000	98	90 - 110	P	10/30/2024	19:23	LB133235
	Selenium	5000	5000	100	90 - 110	P	10/30/2024	19:23	LB133235
	Silver	1220	1250	98	90 - 110	P	10/30/2024	19:23	LB133235
	Sodium	23600	25000	95	90 - 110	P	10/30/2024	19:23	LB133235
	Thallium	4950	5000	99	90 - 110	P	10/30/2024	19:23	LB133235
	Vanadium	2640	2500	106	90 - 110	P	10/30/2024	19:23	LB133235
	Zinc	2480	2500	99	90 - 110	P	10/30/2024	19:23	LB133235
CCV04	Aluminum	9590	10000	96	90 - 110	P	10/30/2024	20:18	LB133235
	Antimony	4960	5000	99	90 - 110	P	10/30/2024	20:18	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4920	5000	98	90 - 110	P	10/30/2024	20:18	LB133235
	Barium	9130	10000	91	90 - 110	P	10/30/2024	20:18	LB133235
	Beryllium	229	250	91	90 - 110	P	10/30/2024	20:18	LB133235
	Cadmium	2390	2500	96	90 - 110	P	10/30/2024	20:18	LB133235
	Calcium	23100	25000	92	90 - 110	P	10/30/2024	20:18	LB133235
	Chromium	924	1000	92	90 - 110	P	10/30/2024	20:18	LB133235
	Cobalt	2400	2500	96	90 - 110	P	10/30/2024	20:18	LB133235
	Copper	1240	1250	99	90 - 110	P	10/30/2024	20:18	LB133235
	Iron	4700	5000	94	90 - 110	P	10/30/2024	20:18	LB133235
	Lead	4800	5000	96	90 - 110	P	10/30/2024	20:18	LB133235
	Magnesium	25600	25000	102	90 - 110	P	10/30/2024	20:18	LB133235
	Manganese	2500	2500	100	90 - 110	P	10/30/2024	20:18	LB133235
	Nickel	2420	2500	97	90 - 110	P	10/30/2024	20:18	LB133235
	Potassium	24400	25000	98	90 - 110	P	10/30/2024	20:18	LB133235
	Selenium	5010	5000	100	90 - 110	P	10/30/2024	20:18	LB133235
	Silver	1210	1250	97	90 - 110	P	10/30/2024	20:18	LB133235
	Sodium	23300	25000	93	90 - 110	P	10/30/2024	20:18	LB133235
	Thallium	5020	5000	100	90 - 110	P	10/30/2024	20:18	LB133235
	Vanadium	2660	2500	106	90 - 110	P	10/30/2024	20:18	LB133235
	Zinc	2460	2500	98	90 - 110	P	10/30/2024	20:18	LB133235
CCV05	Aluminum	9120	10000	91	90 - 110	P	10/30/2024	21:10	LB133235
	Antimony	4730	5000	94	90 - 110	P	10/30/2024	21:10	LB133235
	Arsenic	4670	5000	94	90 - 110	P	10/30/2024	21:10	LB133235
	Barium	10300	10000	103	90 - 110	P	10/30/2024	21:10	LB133235
	Beryllium	243	250	97	90 - 110	P	10/30/2024	21:10	LB133235
	Cadmium	2260	2500	90	90 - 110	P	10/30/2024	21:10	LB133235
	Calcium	26500	25000	106	90 - 110	P	10/30/2024	21:10	LB133235
	Chromium	1040	1000	104	90 - 110	P	10/30/2024	21:10	LB133235
	Cobalt	2270	2500	91	90 - 110	P	10/30/2024	21:10	LB133235
	Copper	1180	1250	94	90 - 110	P	10/30/2024	21:10	LB133235
	Iron	4500	5000	90	90 - 110	P	10/30/2024	21:10	LB133235
	Lead	4530	5000	91	90 - 110	P	10/30/2024	21:10	LB133235
	Magnesium	23600	25000	95	90 - 110	P	10/30/2024	21:10	LB133235
	Manganese	2560	2500	102	90 - 110	P	10/30/2024	21:10	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2290	2500	91	90 - 110	P	10/30/2024	21:10	LB133235
	Potassium	23800	25000	95	90 - 110	P	10/30/2024	21:10	LB133235
	Selenium	4780	5000	96	90 - 110	P	10/30/2024	21:10	LB133235
	Silver	1160	1250	93	90 - 110	P	10/30/2024	21:10	LB133235
	Sodium	23100	25000	92	90 - 110	P	10/30/2024	21:10	LB133235
	Thallium	4780	5000	96	90 - 110	P	10/30/2024	21:10	LB133235
	Vanadium	2590	2500	104	90 - 110	P	10/30/2024	21:10	LB133235
	Zinc	2360	2500	94	90 - 110	P	10/30/2024	21:10	LB133235
CCV06	Aluminum	9480	10000	95	90 - 110	P	10/30/2024	21:59	LB133235
	Antimony	4940	5000	99	90 - 110	P	10/30/2024	21:59	LB133235
	Arsenic	4880	5000	98	90 - 110	P	10/30/2024	21:59	LB133235
	Barium	9250	10000	92	90 - 110	P	10/30/2024	21:59	LB133235
	Beryllium	254	250	102	90 - 110	P	10/30/2024	21:59	LB133235
	Cadmium	2350	2500	94	90 - 110	P	10/30/2024	21:59	LB133235
	Calcium	22700	25000	91	90 - 110	P	10/30/2024	21:59	LB133235
	Chromium	921	1000	92	90 - 110	P	10/30/2024	21:59	LB133235
	Cobalt	2370	2500	95	90 - 110	P	10/30/2024	21:59	LB133235
	Copper	1230	1250	98	90 - 110	P	10/30/2024	21:59	LB133235
	Iron	4700	5000	94	90 - 110	P	10/30/2024	21:59	LB133235
	Lead	4730	5000	95	90 - 110	P	10/30/2024	21:59	LB133235
	Magnesium	24700	25000	99	90 - 110	P	10/30/2024	21:59	LB133235
	Manganese	2660	2500	106	90 - 110	P	10/30/2024	21:59	LB133235
	Nickel	2380	2500	95	90 - 110	P	10/30/2024	21:59	LB133235
	Potassium	25400	25000	101	90 - 110	P	10/30/2024	21:59	LB133235
	Selenium	4990	5000	100	90 - 110	P	10/30/2024	21:59	LB133235
	Silver	1220	1250	97	90 - 110	P	10/30/2024	21:59	LB133235
	Sodium	24600	25000	98	90 - 110	P	10/30/2024	21:59	LB133235
	Thallium	4960	5000	99	90 - 110	P	10/30/2024	21:59	LB133235
	Vanadium	2690	2500	108	90 - 110	P	10/30/2024	21:59	LB133235
	Zinc	2470	2500	99	90 - 110	P	10/30/2024	21:59	LB133235
CCV07	Aluminum	9250	10000	92	90 - 110	P	10/30/2024	22:53	LB133235
	Antimony	4900	5000	98	90 - 110	P	10/30/2024	22:53	LB133235
	Arsenic	4830	5000	97	90 - 110	P	10/30/2024	22:53	LB133235
	Barium	9230	10000	92	90 - 110	P	10/30/2024	22:53	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	246	250	98	90 - 110	P	10/30/2024	22:53	LB133235
	Cadmium	2300	2500	92	90 - 110	P	10/30/2024	22:53	LB133235
	Calcium	26500	25000	106	90 - 110	P	10/30/2024	22:53	LB133235
	Chromium	1050	1000	105	90 - 110	P	10/30/2024	22:53	LB133235
	Cobalt	2320	2500	93	90 - 110	P	10/30/2024	22:53	LB133235
	Copper	1220	1250	97	90 - 110	P	10/30/2024	22:53	LB133235
	Iron	4510	5000	90	90 - 110	P	10/30/2024	22:53	LB133235
	Lead	4630	5000	93	90 - 110	P	10/30/2024	22:53	LB133235
	Magnesium	23600	25000	94	90 - 110	P	10/30/2024	22:53	LB133235
	Manganese	2580	2500	103	90 - 110	P	10/30/2024	22:53	LB133235
	Nickel	2340	2500	94	90 - 110	P	10/30/2024	22:53	LB133235
	Potassium	25300	25000	101	90 - 110	P	10/30/2024	22:53	LB133235
	Selenium	4960	5000	99	90 - 110	P	10/30/2024	22:53	LB133235
	Silver	1180	1250	94	90 - 110	P	10/30/2024	22:53	LB133235
	Sodium	24500	25000	98	90 - 110	P	10/30/2024	22:53	LB133235
	Thallium	4780	5000	96	90 - 110	P	10/30/2024	22:53	LB133235
	Vanadium	2620	2500	105	90 - 110	P	10/30/2024	22:53	LB133235
	Zinc	2350	2500	94	90 - 110	P	10/30/2024	22:53	LB133235
CCV08	Aluminum	9490	10000	95	90 - 110	P	10/30/2024	23:44	LB133235
	Antimony	4940	5000	99	90 - 110	P	10/30/2024	23:44	LB133235
	Arsenic	4850	5000	97	90 - 110	P	10/30/2024	23:44	LB133235
	Barium	9370	10000	94	90 - 110	P	10/30/2024	23:44	LB133235
	Beryllium	227	250	91	90 - 110	P	10/30/2024	23:44	LB133235
	Cadmium	2330	2500	93	90 - 110	P	10/30/2024	23:44	LB133235
	Calcium	22500	25000	90	90 - 110	P	10/30/2024	23:44	LB133235
	Chromium	916	1000	92	90 - 110	P	10/30/2024	23:44	LB133235
	Cobalt	2350	2500	94	90 - 110	P	10/30/2024	23:44	LB133235
	Copper	1230	1250	98	90 - 110	P	10/30/2024	23:44	LB133235
	Iron	4670	5000	93	90 - 110	P	10/30/2024	23:44	LB133235
	Lead	4680	5000	94	90 - 110	P	10/30/2024	23:44	LB133235
	Magnesium	24100	25000	96	90 - 110	P	10/30/2024	23:44	LB133235
	Manganese	2630	2500	105	90 - 110	P	10/30/2024	23:44	LB133235
	Nickel	2360	2500	95	90 - 110	P	10/30/2024	23:44	LB133235
	Potassium	26200	25000	105	90 - 110	P	10/30/2024	23:44	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** P4595

Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4990	5000	100	90 - 110	P	10/30/2024	23:44	LB133235
	Silver	1220	1250	98	90 - 110	P	10/30/2024	23:44	LB133235
	Sodium	25100	25000	100	90 - 110	P	10/30/2024	23:44	LB133235
	Thallium	4890	5000	98	90 - 110	P	10/30/2024	23:44	LB133235
	Vanadium	2670	2500	107	90 - 110	P	10/30/2024	23:44	LB133235
	Zinc	2470	2500	99	90 - 110	P	10/30/2024	23:44	LB133235
CCV09	Aluminum	9200	10000	92	90 - 110	P	10/31/2024	00:13	LB133235
	Antimony	4850	5000	97	90 - 110	P	10/31/2024	00:13	LB133235
	Arsenic	4770	5000	95	90 - 110	P	10/31/2024	00:13	LB133235
	Barium	9140	10000	91	90 - 110	P	10/31/2024	00:13	LB133235
	Beryllium	251	250	100	90 - 110	P	10/31/2024	00:13	LB133235
	Cadmium	2270	2500	91	90 - 110	P	10/31/2024	00:13	LB133235
	Calcium	26500	25000	106	90 - 110	P	10/31/2024	00:13	LB133235
	Chromium	1060	1000	106	90 - 110	P	10/31/2024	00:13	LB133235
	Cobalt	2290	2500	92	90 - 110	P	10/31/2024	00:13	LB133235
	Copper	1200	1250	96	90 - 110	P	10/31/2024	00:13	LB133235
	Iron	4520	5000	90	90 - 110	P	10/31/2024	00:13	LB133235
	Lead	4580	5000	92	90 - 110	P	10/31/2024	00:13	LB133235
	Magnesium	23800	25000	95	90 - 110	P	10/31/2024	00:13	LB133235
	Manganese	2610	2500	104	90 - 110	P	10/31/2024	00:13	LB133235
	Nickel	2310	2500	92	90 - 110	P	10/31/2024	00:13	LB133235
	Potassium	25400	25000	102	90 - 110	P	10/31/2024	00:13	LB133235
	Selenium	4890	5000	98	90 - 110	P	10/31/2024	00:13	LB133235
	Silver	1180	1250	95	90 - 110	P	10/31/2024	00:13	LB133235
	Sodium	23800	25000	95	90 - 110	P	10/31/2024	00:13	LB133235
	Thallium	4770	5000	95	90 - 110	P	10/31/2024	00:13	LB133235
	Vanadium	2630	2500	105	90 - 110	P	10/31/2024	00:13	LB133235
	Zinc	2360	2500	94	90 - 110	P	10/31/2024	00:13	LB133235



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

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CRDL STANDARD FOR AA & ICP

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
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	0.20	0.2	98	40 - 160	CV	10/29/2024	10:41	LB133185
CRI01	Aluminum	93.0	100	93	40 - 160	P	10/30/2024	17:12	LB133235
	Antimony	47.7	50.0	95	40 - 160	P	10/30/2024	17:12	LB133235
	Arsenic	18.4	20.0	92	40 - 160	P	10/30/2024	17:12	LB133235
	Barium	88.3	100	88	40 - 160	P	10/30/2024	17:12	LB133235
	Beryllium	5.33	6.0	89	40 - 160	P	10/30/2024	17:12	LB133235
	Cadmium	5.71	6.0	95	40 - 160	P	10/30/2024	17:12	LB133235
	Calcium	1830	2000	91	40 - 160	P	10/30/2024	17:12	LB133235
	Chromium	9.37	10.0	94	40 - 160	P	10/30/2024	17:12	LB133235
	Cobalt	28.3	30.0	94	40 - 160	P	10/30/2024	17:12	LB133235
	Copper	21.4	20.0	107	40 - 160	P	10/30/2024	17:12	LB133235
	Iron	96.5	100	96	40 - 160	P	10/30/2024	17:12	LB133235
	Lead	12.2	12.0	102	40 - 160	P	10/30/2024	17:12	LB133235
	Magnesium	1730	2000	86	40 - 160	P	10/30/2024	17:12	LB133235
	Manganese	18.0	20.0	90	40 - 160	P	10/30/2024	17:12	LB133235
	Nickel	37.9	40.0	95	40 - 160	P	10/30/2024	17:12	LB133235
	Potassium	1770	2000	89	40 - 160	P	10/30/2024	17:12	LB133235
	Selenium	19.6	20.0	98	40 - 160	P	10/30/2024	17:12	LB133235
	Silver	10.2	10.0	102	40 - 160	P	10/30/2024	17:12	LB133235
	Sodium	1680	2000	84	40 - 160	P	10/30/2024	17:12	LB133235
	Thallium	38.6	40.0	96	40 - 160	P	10/30/2024	17:12	LB133235
	Vanadium	34.6	40.0	86	40 - 160	P	10/30/2024	17:12	LB133235
	Zinc	41.6	40.0	104	40 - 160	P	10/30/2024	17:12	LB133235



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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Tully Construction Co., Inc.				SDG No.:	P4595				
Contract:	TULL02		Lab Code:	CHEM		Case No.:	P4595		SAS No.:	P4595
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB57	Mercury	0	+/-0	U	0	CV	10/29/2024	10:34	LB133185	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB86	Mercury	0	+/-0	U	0	CV	10/29/2024	10:39	LB133185
CCB87	Mercury	0	+/-0	U	0	CV	10/29/2024	11:06	LB133185
CCB88	Mercury	0	+/-0	U	0	CV	10/29/2024	11:34	LB133185
CCB89	Mercury	0	+/-0	U	0	CV	10/29/2024	11:59	LB133185

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Tully Construction Co., Inc.</u>		SDG No.: <u>P4595</u>							
Contract: <u>TULL02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4595</u>	SAS No.: <u>P4595</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	10/30/2024	17:07	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	17:07	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	17:07	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	17:07	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	17:07	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	17:07	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	17:07	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	17:07	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	17:07	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	17:07	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	17:07	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	17:07	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	17:07	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	17:07	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	17:07	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	17:07	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	17:07	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	17:07	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	17:07	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	17:07	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	17:07	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	17:07	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	10/30/2024	17:37	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	17:37	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	17:37	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	17:37	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	17:37	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	17:37	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	17:37	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	17:37	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	17:37	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	17:37	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	17:37	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	17:37	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	17:37	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	17:37	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	17:37	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	17:37	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	17:37	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	17:37	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	17:37	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	17:37	LB133235
CCB02	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	17:37	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	17:37	LB133235
	Aluminum	100	+/-100	U	100	P	10/30/2024	18:33	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	18:33	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	18:33	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	18:33	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	18:33	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	18:33	LB133235
	Calcium	212	+/-2000	J	2000	P	10/30/2024	18:33	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	18:33	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	18:33	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	18:33	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	18:33	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	18:33	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	18:33	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	18:33	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	18:33	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	18:33	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	18:33	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	18:33	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	18:33	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	18:33	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	18:33	LB133235
	Zinc	14.0	+/-40.0	J	40.0	P	10/30/2024	18:33	LB133235
CCB03	Aluminum	100	+/-100	U	100	P	10/30/2024	19:27	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	19:27	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	19:27	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	19:27	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	19:27	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	19:27	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	19:27	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	19:27	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	19:27	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	19:27	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	19:27	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	19:27	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	19:27	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	19:27	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	19:27	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	19:27	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	19:27	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	19:27	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	19:27	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	19:27	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	19:27	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	19:27	LB133235
CCB04	Aluminum	100	+/-100	U	100	P	10/30/2024	20:23	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	20:23	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	20:23	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	20:23	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	20:23	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	20:23	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	20:23	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	20:23	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	20:23	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	20:23	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	20:23	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	20:23	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Tully Construction Co., Inc.</u>		SDG No.: <u>P4595</u>							
Contract: <u>TULL02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4595</u>	SAS No.: <u>P4595</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	20:23	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	20:23	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	20:23	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	20:23	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	20:23	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	20:23	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	20:23	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	20:23	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	20:23	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	20:23	LB133235
CCB05	Aluminum	100	+/-100	U	100	P	10/30/2024	21:14	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	21:14	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	21:14	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	21:14	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	21:14	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	21:14	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	21:14	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	21:14	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	21:14	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	21:14	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	21:14	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	21:14	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	21:14	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	21:14	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	21:14	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	21:14	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	21:14	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	21:14	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	21:14	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	21:14	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	21:14	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	21:14	LB133235
CCB06	Aluminum	100	+/-100	U	100	P	10/30/2024	22:03	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	22:03	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	22:03	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	22:03	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	22:03	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	22:03	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	22:03	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Tully Construction Co., Inc.</u>		SDG No.: <u>P4595</u>							
Contract: <u>TULL02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4595</u>	SAS No.: <u>P4595</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	22:03	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	22:03	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	22:03	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	22:03	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	22:03	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	22:03	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	22:03	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	22:03	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	22:03	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	22:03	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	22:03	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	22:03	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	22:03	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	22:03	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	22:03	LB133235
CCB07	Aluminum	100	+/-100	U	100	P	10/30/2024	22:58	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	22:58	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	22:58	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	22:58	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	22:58	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	22:58	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	22:58	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	22:58	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	22:58	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	22:58	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	22:58	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	22:58	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	22:58	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	22:58	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	22:58	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	22:58	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	22:58	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	22:58	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	22:58	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	22:58	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	22:58	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	22:58	LB133235
CCB08	Aluminum	100	+/-100	U	100	P	10/30/2024	23:48	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/30/2024	23:48	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	10/30/2024	23:48	LB133235
	Barium	100	+/-100	U	100	P	10/30/2024	23:48	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/30/2024	23:48	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/30/2024	23:48	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/30/2024	23:48	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/30/2024	23:48	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/30/2024	23:48	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/30/2024	23:48	LB133235
	Iron	100	+/-100	U	100	P	10/30/2024	23:48	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/30/2024	23:48	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/30/2024	23:48	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/30/2024	23:48	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/30/2024	23:48	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/30/2024	23:48	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/30/2024	23:48	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/30/2024	23:48	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/30/2024	23:48	LB133235
	Thallium	40.0	+/-40.0	U	40.0	P	10/30/2024	23:48	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/30/2024	23:48	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/30/2024	23:48	LB133235
CCB09	Aluminum	100	+/-100	U	100	P	10/31/2024	00:17	LB133235
	Antimony	50.0	+/-50.0	U	50.0	P	10/31/2024	00:17	LB133235
	Arsenic	20.0	+/-20.0	U	20.0	P	10/31/2024	00:17	LB133235
	Barium	100	+/-100	U	100	P	10/31/2024	00:17	LB133235
	Beryllium	6.00	+/-6.00	U	6.00	P	10/31/2024	00:17	LB133235
	Cadmium	6.00	+/-6.00	U	6.00	P	10/31/2024	00:17	LB133235
	Calcium	2000	+/-2000	U	2000	P	10/31/2024	00:17	LB133235
	Chromium	10.0	+/-10.0	U	10.0	P	10/31/2024	00:17	LB133235
	Cobalt	30.0	+/-30.0	U	30.0	P	10/31/2024	00:17	LB133235
	Copper	20.0	+/-20.0	U	20.0	P	10/31/2024	00:17	LB133235
	Iron	100	+/-100	U	100	P	10/31/2024	00:17	LB133235
	Lead	12.0	+/-12.0	U	12.0	P	10/31/2024	00:17	LB133235
	Magnesium	2000	+/-2000	U	2000	P	10/31/2024	00:17	LB133235
	Manganese	20.0	+/-20.0	U	20.0	P	10/31/2024	00:17	LB133235
	Nickel	40.0	+/-40.0	U	40.0	P	10/31/2024	00:17	LB133235
	Potassium	2000	+/-2000	U	2000	P	10/31/2024	00:17	LB133235
	Selenium	20.0	+/-20.0	U	20.0	P	10/31/2024	00:17	LB133235
	Silver	10.0	+/-10.0	U	10.0	P	10/31/2024	00:17	LB133235
	Sodium	2000	+/-2000	U	2000	P	10/31/2024	00:17	LB133235

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	10/31/2024	00:17	LB133235
	Vanadium	40.0	+/-40.0	U	40.0	P	10/31/2024	00:17	LB133235
	Zinc	40.0	+/-40.0	U	40.0	P	10/31/2024	00:17	LB133235

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164487BL		SOLID		Batch Number:	PB164487		Prep Date:	10/28/2024	
	Mercury	0.013	<0.013	U	0.013	CV	10/29/2024	10:48	LB133185

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164499BL	SOLID			Batch Number:	PB164499		Prep Date:	10/29/2024	
	Aluminum	4.95	<4.95	U	4.95	P	10/30/2024	21:42	LB133235
	Antimony	2.48	<2.48	U	2.48	P	10/30/2024	21:42	LB133235
	Arsenic	0.99	<0.99	U	0.99	P	10/30/2024	21:42	LB133235
	Barium	4.95	<4.95	U	4.95	P	10/30/2024	21:42	LB133235
	Beryllium	0.30	<0.30	U	0.30	P	10/30/2024	21:42	LB133235
	Cadmium	0.30	<0.30	U	0.30	P	10/30/2024	21:42	LB133235
	Calcium	99.0	<99.0	U	99.0	P	10/30/2024	21:42	LB133235
	Chromium	0.50	<0.50	U	0.50	P	10/30/2024	21:42	LB133235
	Cobalt	1.49	<1.49	U	1.49	P	10/30/2024	21:42	LB133235
	Copper	0.99	<0.99	U	0.99	P	10/30/2024	21:42	LB133235
	Iron	4.95	<4.95	U	4.95	P	10/30/2024	21:42	LB133235
	Lead	0.59	<0.59	U	0.59	P	10/30/2024	21:42	LB133235
	Magnesium	99.0	<99.0	U	99.0	P	10/30/2024	21:42	LB133235
	Manganese	0.99	<0.99	U	0.99	P	10/30/2024	21:42	LB133235
	Nickel	1.98	<1.98	U	1.98	P	10/30/2024	21:42	LB133235
	Potassium	99.0	<99.0	U	99.0	P	10/30/2024	21:42	LB133235
	Selenium	0.99	<0.99	U	0.99	P	10/30/2024	21:42	LB133235
	Silver	0.50	<0.50	U	0.50	P	10/30/2024	21:42	LB133235
	Sodium	99.0	<99.0	U	99.0	P	10/30/2024	21:42	LB133235
	Thallium	1.98	<1.98	U	1.98	P	10/30/2024	21:42	LB133235
	Vanadium	1.98	<1.98	U	1.98	P	10/30/2024	21:42	LB133235
	Zinc	1.98	<1.98	U	1.98	P	10/30/2024	21:42	LB133235

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	277000	255000	109	216000	294000	10/30/2024	17:16	LB133235
	Antimony	-2.51			-50	50	10/30/2024	17:16	LB133235
	Arsenic	4.39			-20	20	10/30/2024	17:16	LB133235
	Barium	2.58	6.0	43	-94	106	10/30/2024	17:16	LB133235
	Beryllium	1.35			-6	6	10/30/2024	17:16	LB133235
	Cadmium	2.53	1.0	253	-5	7	10/30/2024	17:16	LB133235
	Calcium	252000	245000	103	208000	282000	10/30/2024	17:16	LB133235
	Chromium	60.7	52.0	117	42	62	10/30/2024	17:16	LB133235
	Cobalt	2.03			-30	30	10/30/2024	17:16	LB133235
	Copper	-2.35	2.0	118	-18	22	10/30/2024	17:16	LB133235
	Iron	115000	101000	114	85600	116500	10/30/2024	17:16	LB133235
	Lead	11.8			-12	12	10/30/2024	17:16	LB133235
	Magnesium	272000	255000	107	216000	294000	10/30/2024	17:16	LB133235
	Manganese	4.48	7.0	64	-13	27	10/30/2024	17:16	LB133235
	Nickel	2.81	2.0	140	-38	42	10/30/2024	17:16	LB133235
	Potassium	-162			0	0	10/30/2024	17:16	LB133235
	Selenium	-16.0			-20	20	10/30/2024	17:16	LB133235
	Silver	1.85			-10	10	10/30/2024	17:16	LB133235
	Sodium	-118			0	0	10/30/2024	17:16	LB133235
	Thallium	3.43			-40	40	10/30/2024	17:16	LB133235
	Vanadium	7.02			-40	40	10/30/2024	17:16	LB133235
	Zinc	5.63			-40	40	10/30/2024	17:16	LB133235
ICSAB01	Aluminum	235000	247000	95	209000	285000	10/30/2024	17:27	LB133235
	Antimony	635	618	103	525	711	10/30/2024	17:27	LB133235
	Arsenic	105	104	101	88.4	120	10/30/2024	17:27	LB133235
	Barium	467	537	87	437	637	10/30/2024	17:27	LB133235
	Beryllium	472	495	95	420	570	10/30/2024	17:27	LB133235
	Cadmium	956	972	98	826	1120	10/30/2024	17:27	LB133235
	Calcium	215000	235000	92	199000	271000	10/30/2024	17:27	LB133235
	Chromium	547	542	101	460	624	10/30/2024	17:27	LB133235
	Cobalt	516	476	108	404	548	10/30/2024	17:27	LB133235
	Copper	501	511	98	434	588	10/30/2024	17:27	LB133235
	Iron	95300	99300	96	84400	114500	10/30/2024	17:27	LB133235
	Lead	57.3	49.0	117	37	61	10/30/2024	17:27	LB133235
	Magnesium	227000	248000	92	210000	286000	10/30/2024	17:27	LB133235
	Manganese	451	507	89	430	584	10/30/2024	17:27	LB133235
	Nickel	1020	954	107	810	1100	10/30/2024	17:27	LB133235
	Potassium	-183			0	0	10/30/2024	17:27	LB133235
	Selenium	36.7	46.0	80	26	66	10/30/2024	17:27	LB133235
	Silver	207	201	103	170	232	10/30/2024	17:27	LB133235
	Sodium	-147			0	0	10/30/2024	17:27	LB133235
	Thallium	93.9	108	87	68	148	10/30/2024	17:27	LB133235

Metals

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INTERFERENCE CHECK SAMPLE

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	442	491	90	417	565	10/30/2024	17:27	LB133235
	Zinc	898	952	94	809	1095	10/30/2024	17:27	LB133235



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** P4595
contract: TULL02 **lab code:** CHEM **case no.:** P4595 **sas no.:** P4595
matrix: Solid **sample id:** P4574-01 **client id:** GRAVEL-1MS
Percent Solids for Sample: 100 **Spiked ID:** P4574-01MS **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.013	U	0.27	102		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Tully Construction Co., Inc.</u>	level:	<u>low</u>	sdg no.:	<u>P4595</u>		
contract:	<u>TULL02</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4595</u>	sas no.:	<u>P4595</u>
matrix:	<u>Solid</u>	sample id:	<u>P4574-01</u>	client id:	<u>GRAVEL-1MSD</u>		
Percent Solids for Sample:	100	Spiked ID:	<u>P4574-01MSD</u>	Percent Solids for Spike Sample:	100		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.013	U	0.26	103		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** P4595
contract: TULL02 **lab code:** CHEM **case no.:** P4595 **sas no.:** P4595
matrix: Solid **sample id:** P4598-09 **client id:** TP-8MS
Percent Solids for Sample: 91.2 **Spiked ID:** P4598-09MS **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5560		4430		110	1030		P
Antimony	mg/Kg	75 - 125	27.5		0.29	J	42.4	64	N	P
Arsenic	mg/Kg	75 - 125	37.9		2.61		42.4	83		P
Barium	mg/Kg	75 - 125	71.0		56.8		10.6	134		P
Beryllium	mg/Kg	75 - 125	9.61		0.44		10.6	87		P
Cadmium	mg/Kg	75 - 125	11.0		0.77		10.6	96		P
Calcium	mg/Kg	75 - 125	10200		8520		53.0	3207		P
Chromium	mg/Kg	75 - 125	28.3		12.1		21.2	76		P
Cobalt	mg/Kg	75 - 125	18.5		6.32		10.6	115		P
Copper	mg/Kg	75 - 125	98.3		56.2		15.9	265	N	P
Iron	mg/Kg	75 - 125	14800		12300		160	1540		P
Lead	mg/Kg	75 - 125	106		43.8		53.0	118		P
Magnesium	mg/Kg	75 - 125	3800		2520		110	1164		P
Manganese	mg/Kg	75 - 125	307		269		10.6	358		P
Nickel	mg/Kg	75 - 125	44.4		13.9		26.5	115		P
Potassium	mg/Kg	75 - 125	1600		989		530	115		P
Selenium	mg/Kg	75 - 125	81.4		1.04	U	110	74	N	P
Silver	mg/Kg	75 - 125	3.83		0.23	J	4.0	90		P
Sodium	mg/Kg	75 - 125	1110		748		160	225		P
Thallium	mg/Kg	75 - 125	97.2		2.09	U	110	88		P
Vanadium	mg/Kg	75 - 125	36.9		18.7		15.9	114		P
Zinc	mg/Kg	75 - 125	94.9		46.2		10.6	460		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** P4595
contract: TULL02 **lab code:** CHEM **case no.:** P4595 **sas no.:** P4595
matrix: Solid **sample id:** P4598-09 **client id:** TP-8MSD
Percent Solids for Sample: 91.2 **Spiked ID:** P4598-09MSD **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5210		4430		100	780		P
Antimony	mg/Kg	75 - 125	25.7		0.29	J	40.2	63	N	P
Arsenic	mg/Kg	75 - 125	35.6		2.61		40.2	82		P
Barium	mg/Kg	75 - 125	66.6		56.8		10.1	96		P
Beryllium	mg/Kg	75 - 125	8.87		0.44		10.1	83		P
Cadmium	mg/Kg	75 - 125	10.2		0.77		10.1	93		P
Calcium	mg/Kg	75 - 125	9540		8520		50.3	2042		P
Chromium	mg/Kg	75 - 125	26.1		12.1		20.1	70	N	P
Cobalt	mg/Kg	75 - 125	17.2		6.32		10.1	107		P
Copper	mg/Kg	75 - 125	91.9		56.2		15.1	237	N	P
Iron	mg/Kg	75 - 125	13700		12300		150	952		P
Lead	mg/Kg	75 - 125	98.5		43.8		50.3	109		P
Magnesium	mg/Kg	75 - 125	3520		2520		100	1003		P
Manganese	mg/Kg	75 - 125	285		269		10.1	160		P
Nickel	mg/Kg	75 - 125	41.3		13.9		25.1	109		P
Potassium	mg/Kg	75 - 125	1500		989		500	102		P
Selenium	mg/Kg	75 - 125	76.5		1.04	U	100	76		P
Silver	mg/Kg	75 - 125	3.59		0.23	J	3.8	88		P
Sodium	mg/Kg	75 - 125	1040		748		150	191		P
Thallium	mg/Kg	75 - 125	88.7		2.09	U	100	89		P
Vanadium	mg/Kg	75 - 125	34.5		18.7		15.1	104		P
Zinc	mg/Kg	75 - 125	88.3		46.2		10.1	417		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
Matrix: Solid **Level:** LOW **Client ID:** TP-8A
Sample ID: P4598-09 **Spiked ID:** P4598-09A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	26.6		0.29	J	41.8	63		P
Chromium	mg/Kg	75 - 125	27.1		12.1		20.9	72		P
Copper	mg/Kg	75 - 125	95.3		56.2		15.7	249		P
Selenium	mg/Kg	75 - 125	79.4		1.04	U	100	79		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
Matrix: Solid **Sample ID:** P4574-01 **Client ID:** GRAVEL-1DUP
Percent Solids for Sample: 100 **Duplicate ID** P4574-01DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.013	U	0.013	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Tully Construction Co., Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4595</u>
Contract:	<u>TULL02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4595</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4574-01MS</u>	Client ID:	<u>GRAVEL-1MSD</u>
Percent Solids for Sample:	100	Duplicate ID	P4574-01MSD	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.28		0.27		3		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
Matrix: Solid **Sample ID:** P4598-09 **Client ID:** TP-8DUP
Percent Solids for Sample: 91.2 **Duplicate ID** P4598-09DUP **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4430		4580		3		P
Antimony	mg/Kg	20	0.29	J	0.36	J	23		P
Arsenic	mg/Kg	20	2.61		2.46		6		P
Barium	mg/Kg	20	56.8		50.6		12		P
Beryllium	mg/Kg	20	0.44		0.47		6		P
Cadmium	mg/Kg	20	0.77		0.87		12		P
Calcium	mg/Kg	20	8520		7800		9		P
Chromium	mg/Kg	20	12.1		10.4		15		P
Cobalt	mg/Kg	20	6.32		6.33		0		P
Copper	mg/Kg	20	56.2		51.5		9		P
Iron	mg/Kg	20	12300		12600		2		P
Lead	mg/Kg	20	43.8		37.1		17		P
Magnesium	mg/Kg	20	2520		2600		3		P
Manganese	mg/Kg	20	269		229		16		P
Nickel	mg/Kg	20	13.9		14.0		1		P
Potassium	mg/Kg	20	989		950		4		P
Selenium	mg/Kg	20	1.04	U	0.91	U			P
Silver	mg/Kg	20	0.23	J	0.22	J	5		P
Sodium	mg/Kg	20	748		800		7		P
Thallium	mg/Kg	20	2.09	U	1.82	U			P
Vanadium	mg/Kg	20	18.7		19.1		2		P
Zinc	mg/Kg	20	46.2		49.9		8		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595
Matrix: Solid **Sample ID:** P4598-09MS **Client ID:** TP-8MSD
Percent Solids for Sample: 91.2 **Duplicate ID** P4598-09MSD **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5560		5210		6		P
Antimony	mg/Kg	20	27.5		25.7		7		P
Arsenic	mg/Kg	20	37.9		35.6		6		P
Barium	mg/Kg	20	71.0		66.6		6		P
Beryllium	mg/Kg	20	9.61		8.87		8		P
Cadmium	mg/Kg	20	11.0		10.2		8		P
Calcium	mg/Kg	20	10200		9540		7		P
Chromium	mg/Kg	20	28.3		26.1		8		P
Cobalt	mg/Kg	20	18.5		17.2		7		P
Copper	mg/Kg	20	98.3		91.9		7		P
Iron	mg/Kg	20	14800		13700		8		P
Lead	mg/Kg	20	106		98.5		7		P
Magnesium	mg/Kg	20	3800		3520		8		P
Manganese	mg/Kg	20	307		285		7		P
Nickel	mg/Kg	20	44.4		41.3		7		P
Potassium	mg/Kg	20	1600		1500		6		P
Selenium	mg/Kg	20	81.4		76.5		6		P
Silver	mg/Kg	20	3.83		3.59		6		P
Sodium	mg/Kg	20	1110		1040		7		P
Thallium	mg/Kg	20	97.2		88.7		9		P
Vanadium	mg/Kg	20	36.9		34.5		7		P
Zinc	mg/Kg	20	94.9		88.3		7		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164487BS Mercury	mg/Kg	0.27	0.24		87	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Case No.:** P4595 **SAS No.:** P4595

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164499BS							
Aluminum	mg/Kg	99.0	87.1		88	80 - 120	P
Antimony	mg/Kg	39.6	36.0		91	80 - 120	P
Arsenic	mg/Kg	39.6	33.7		85	80 - 120	P
Barium	mg/Kg	9.9	8.23		83	80 - 120	P
Beryllium	mg/Kg	9.9	9.51		96	80 - 120	P
Cadmium	mg/Kg	9.9	8.18		83	80 - 120	P
Calcium	mg/Kg	49.5	44.1	J	89	80 - 120	P
Chromium	mg/Kg	19.8	17.6		89	80 - 120	P
Cobalt	mg/Kg	9.9	8.86		90	80 - 120	P
Copper	mg/Kg	14.9	14.2		95	80 - 120	P
Iron	mg/Kg	150	130		87	80 - 120	P
Lead	mg/Kg	49.5	41.9		85	80 - 120	P
Magnesium	mg/Kg	99.0	91.4	J	92	80 - 120	P
Manganese	mg/Kg	9.9	10.1		102	80 - 120	P
Nickel	mg/Kg	24.8	22.4		90	80 - 120	P
Potassium	mg/Kg	500	449		90	80 - 120	P
Selenium	mg/Kg	99.0	86.6		88	80 - 120	P
Silver	mg/Kg	3.7	3.46		94	80 - 120	P
Sodium	mg/Kg	150	121		81	80 - 120	P
Thallium	mg/Kg	99.0	87.2		88	80 - 120	P
Vanadium	mg/Kg	14.9	14.9		100	80 - 120	P
Zinc	mg/Kg	9.9	9.56		97	80 - 120	P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

GRAVEL-1L

Lab Name: Chemtech Consulting Group

Contract: TULL02

Lab Code: CHEM

Lb No.: lb133185

Lab Sample ID : P4574-01L

SDG No.: P4595

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.013 U	0.064 U			CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-8L

Lab Name: Chemtech Consulting Group

Contract: TULL02

Lab Code: CHEM **Lb No.:** lb133235 **Lab Sample ID :** P4598-09L **SDG No.:** P4595

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	4430		5440		23		P
Antimony	0.29	J	13.1	U	100.0		P
Arsenic	2.61		3.01	J	15		P
Barium	56.8		58.1		2		P
Beryllium	0.44		0.61	J	40		P
Cadmium	0.77		0.40	J	48		P
Calcium	8520		9330		10		P
Chromium	12.1		13.1		9		P
Cobalt	6.32		6.64	J	5		P
Copper	56.2		68.8		22		P
Iron	12300		15600		27		P
Lead	43.8		44.6		2		P
Magnesium	2520		3220		28		P
Manganese	269		316		18		P
Nickel	13.9		15.0		8		P
Potassium	989		1080		10		P
Selenium	1.04	U	5.22	U			P
Silver	0.23	J	0.35	J	52		P
Sodium	748		830		11		P
Thallium	2.09	U	10.4	U			P
Vanadium	18.7		23.2		24		P
Zinc	46.2		60.1		30		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: P4595

Contract: TULL02

Lab Code: CHEM

Case No.: P4595

SAS No.: P4595

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Method:**
Case No.: P4595 **SAS No.:** P4595

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164487							
P4574-01DUP	GRAVEL-1DUP	DUP	SOLID	10/28/2024	0.54	35.0	100.00
P4574-01MS	GRAVEL-1MS	MS	SOLID	10/28/2024	0.52	35.0	100.00
P4574-01MSD	GRAVEL-1MSD	MSD	SOLID	10/28/2024	0.54	35.0	100.00
P4595-01	PITKIN-COMP	SAM	SOLID	10/28/2024	0.50	35.0	93.50
PB164487BL	PB164487BL	MB	SOLID	10/28/2024	0.56	35.0	100.00
PB164487BS	PB164487BS	LCS	SOLID	10/28/2024	0.52	35.0	100.00

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SAMPLE PREPARATION SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** P4595
Contract: TULL02 **Lab Code:** CHEM **Method:** _____
Case No.: P4595 **SAS No.:** P4595

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164499							
P4595-01	PITKIN-COMP	SAM	SOLID	10/29/2024	2.16	100.0	93.50
P4598-09DUP	TP-8DUP	DUP	SOLID	10/29/2024	2.41	100.0	91.20
P4598-09MS	TP-8MS	MS	SOLID	10/29/2024	2.07	100.0	91.20
P4598-09MSD	TP-8MSD	MSD	SOLID	10/29/2024	2.18	100.0	91.20
PB164499BL	PB164499BL	MB	SOLID	10/29/2024	2.02	100.0	100.00
PB164499BS	PB164499BS	LCS	SOLID	10/29/2024	2.02	100.0	100.00

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ANALYSIS RUN LOG

Client: Tully Construction Co., Inc.

Contract: TULL02

Lab code: CHEM **Case no.:** P4595 **Sas no.:** P4595

Sdg no.: P4595

Instrument id number: **Method:**

Run number: LB133185

Start date: 10/29/2024 **End date:** 10/29/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1010	HG
S0.2	S0.2	1	1012	HG
S2.5	S2.5	1	1015	HG
S5	S5	1	1017	HG
S7.5	S7.5	1	1019	HG
S10	S10	1	1029	HG
ICV57	ICV57	1	1032	HG
ICB57	ICB57	1	1034	HG
CCV86	CCV86	1	1036	HG
CCB86	CCB86	1	1039	HG
CRA	CRA	1	1041	HG
PB164487BL	PB164487BL	1	1048	HG
PB164487BS	PB164487BS	1	1050	HG
P4574-01DUP	GRAVEL-1DUP	1	1055	HG
P4574-01MS	GRAVEL-1MS	1	1057	HG
P4574-01MSD	GRAVEL-1MSD	1	1059	HG
CCV87	CCV87	1	1104	HG
CCB87	CCB87	1	1106	HG
CCV88	CCV88	1	1132	HG
CCB88	CCB88	1	1134	HG
P4595-01	PITKIN-COMP	1	1146	HG
P4574-01L	GRAVEL-1L	5	1148	HG
CCV89	CCV89	1	1157	HG
CCB89	CCB89	1	1159	HG

metals
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ANALYSIS RUN LOG

Client: Tully Construction Co., Inc. **Contract:** TULL02

Lab code: CHEM **Case no.:** P4595 **Sas no.:** P4595 **Sdg no.:** P4595

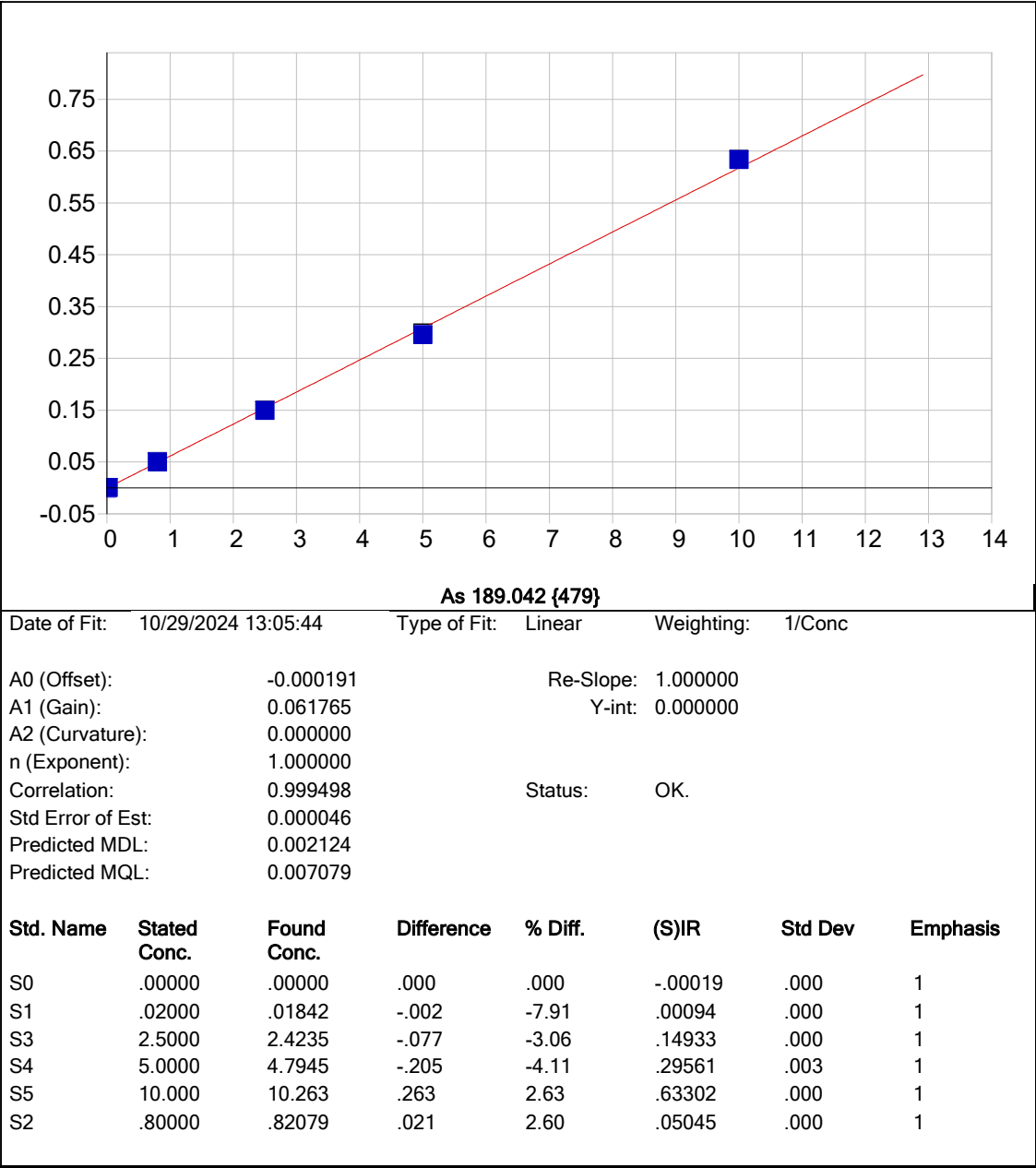
Instrument id number: **Method:** **Run number:** LB133235

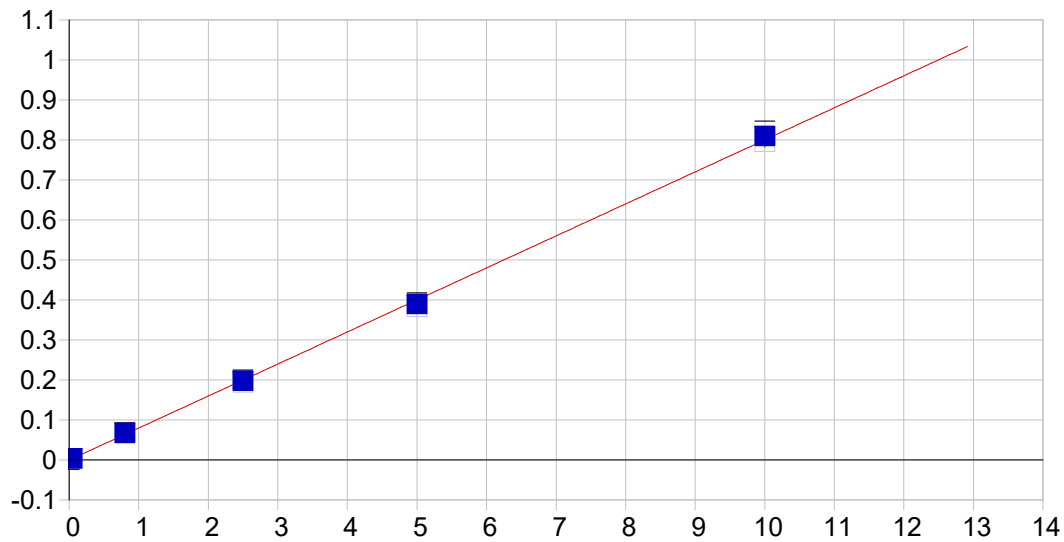
Start date: 10/30/2024 **End date:** 10/31/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1642	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1646	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1651	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1703	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1707	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1712	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1716	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1829	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1833	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1923	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1927	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	2018	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2023	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4595-01	PITKIN-COMP	1	2036	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2110	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2114	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4598-09DUP	TP-8DUP	1	2118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4598-09L	TP-8L	5	2122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4598-09MS	TP-8MS	1	2126	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4598-09MSD	TP-8MSD	1	2130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4598-09A	TP-8A	1	2134	Cr,Cu,Sb,Se
PB164499BL	PB164499BL	1	2142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB164499BS	PB164499BS	1	2147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2344	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	0013	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	0017	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA



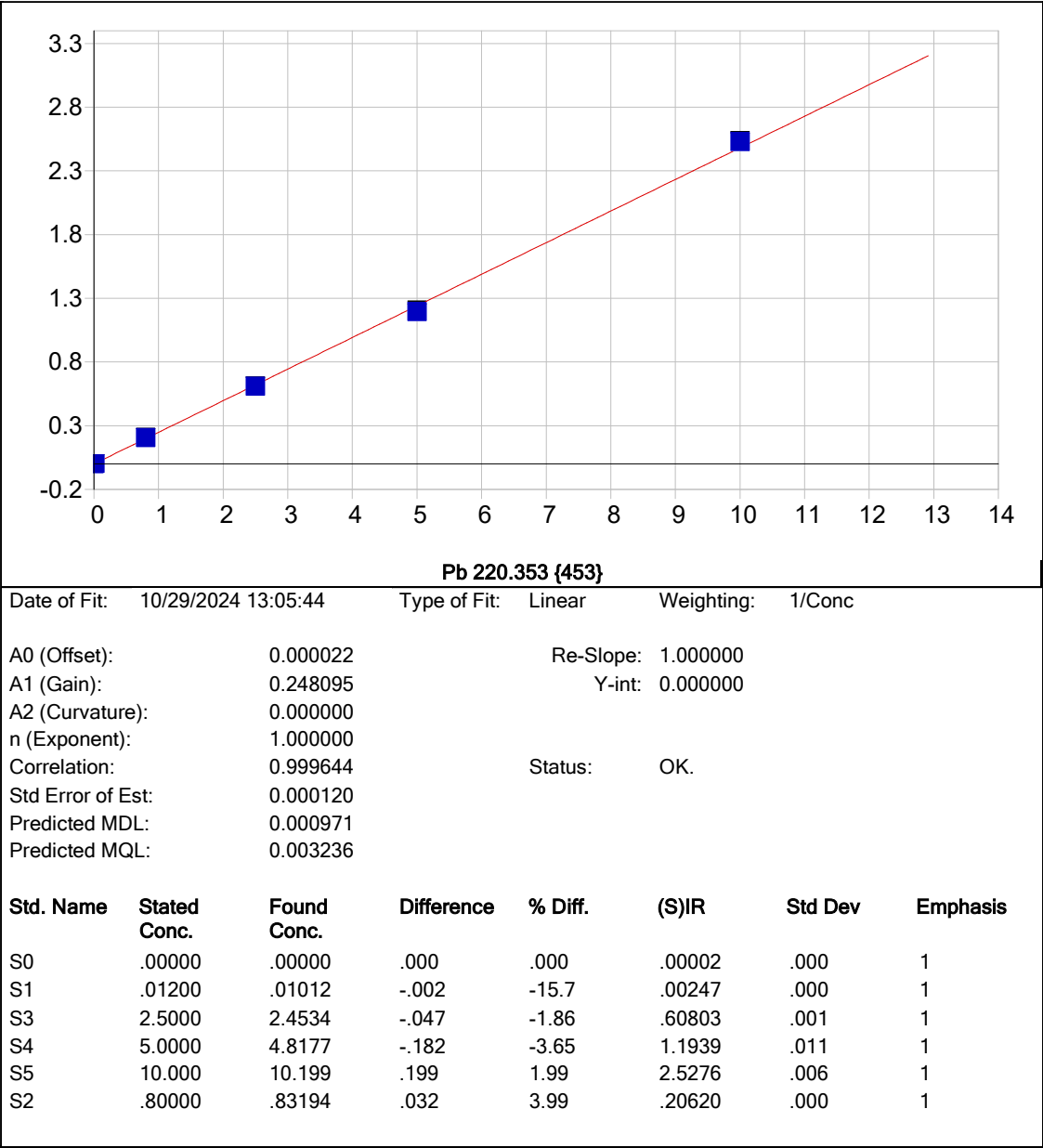


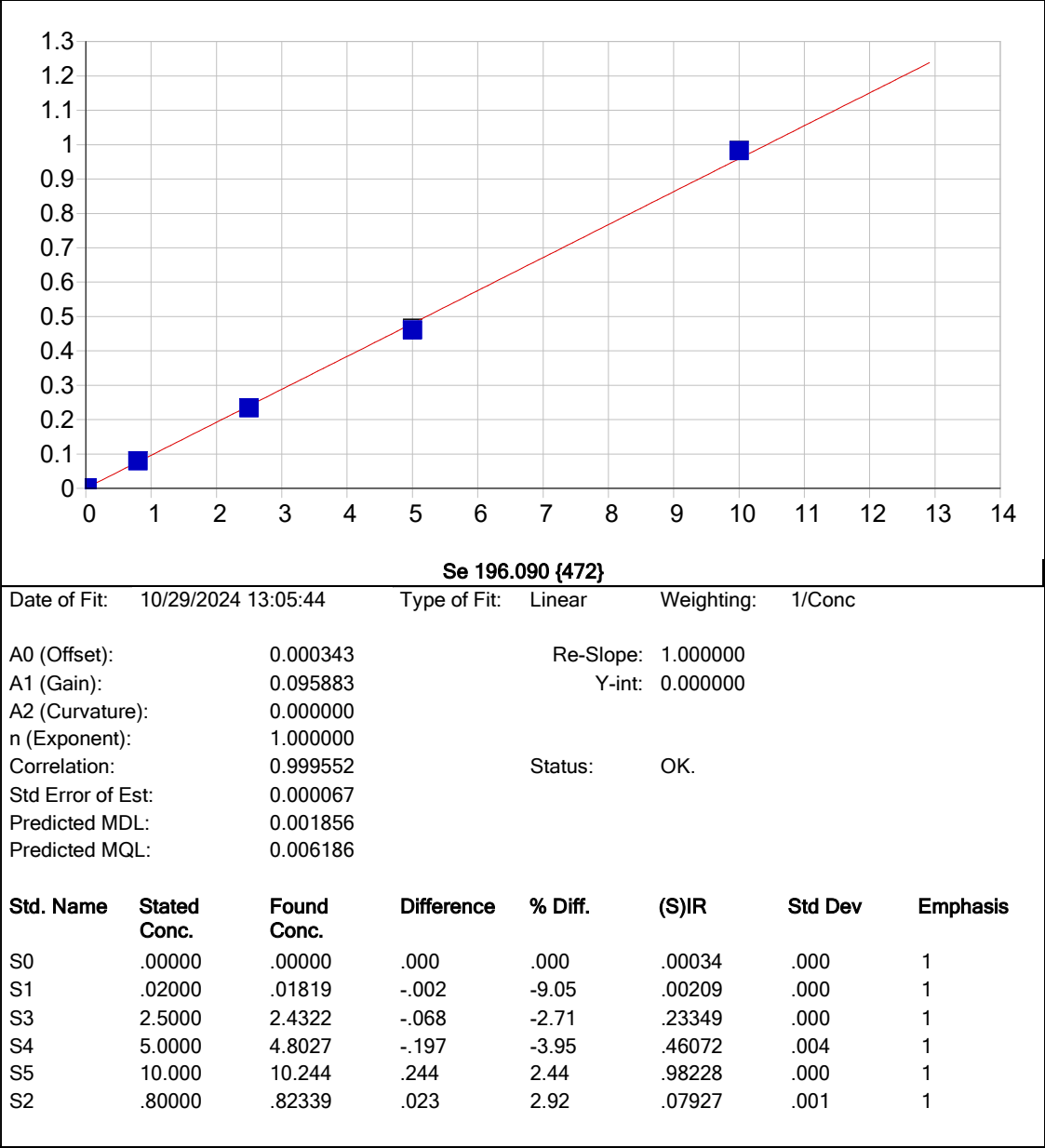
TI 190.856 {477}

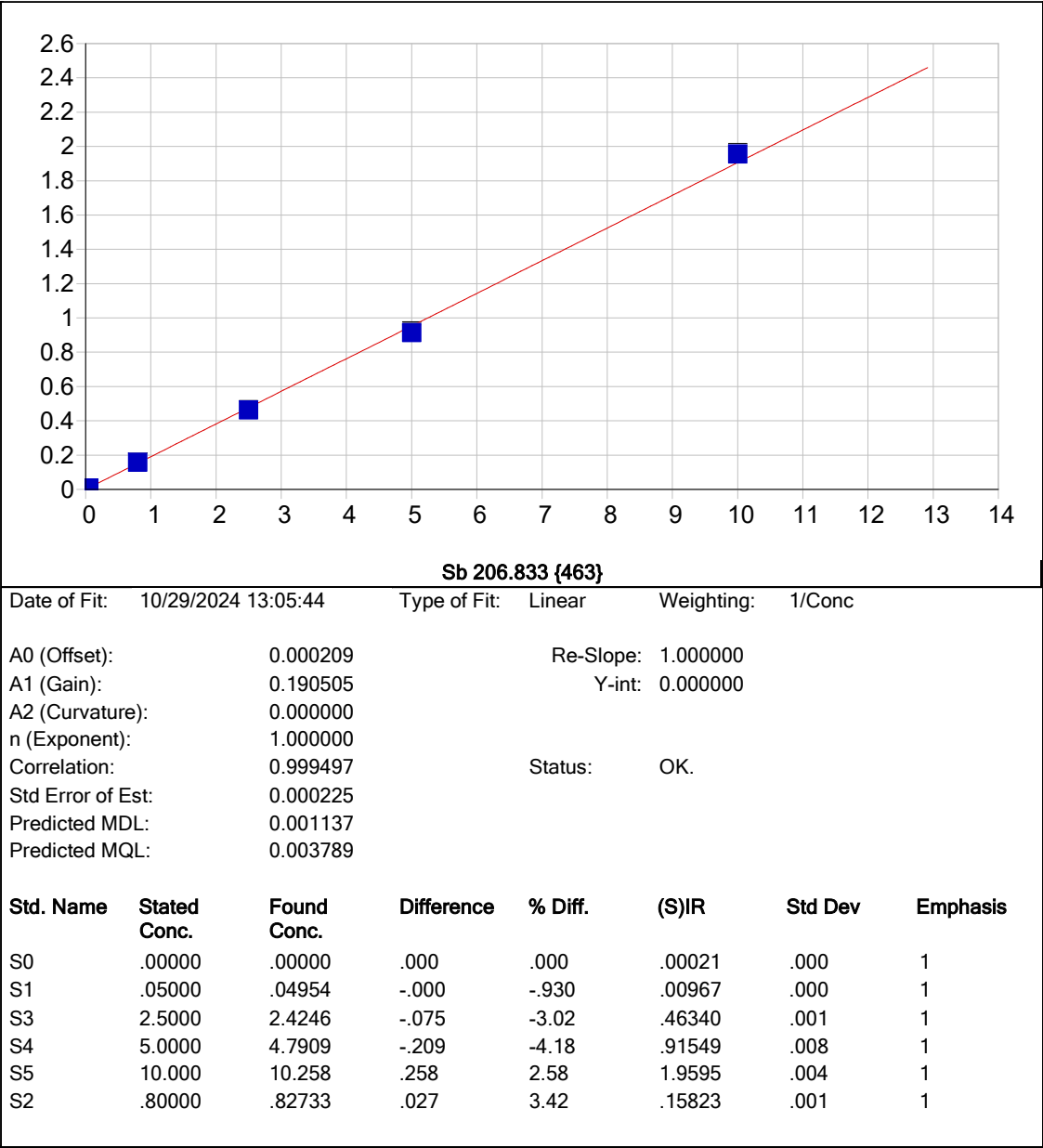
Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

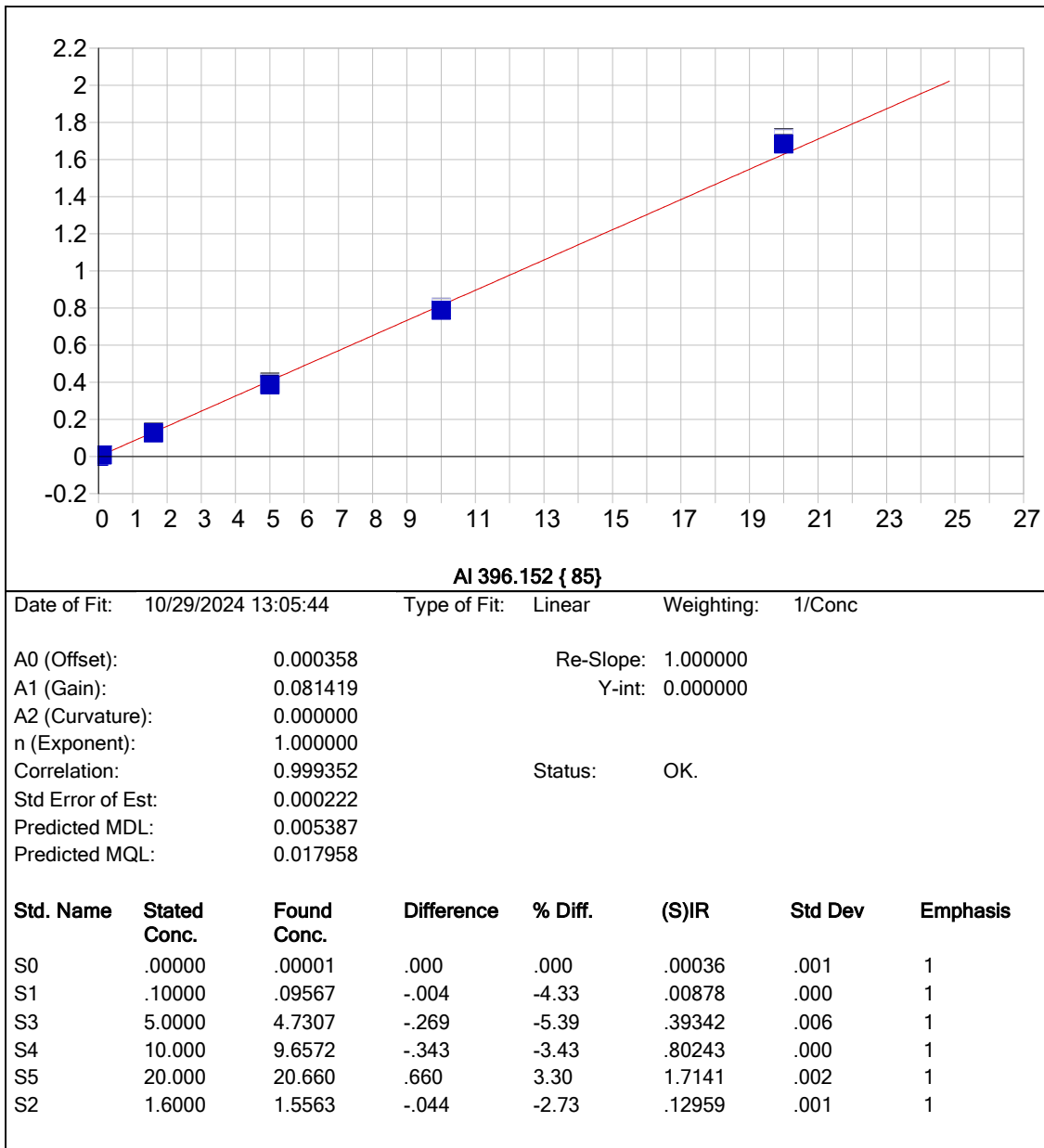
A0 (Offset): -0.000275 Re-Slope: 1.000000
A1 (Gain): 0.080040 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999783 Status: OK.
Std Error of Est: 0.000054
Predicted MDL: 0.001461
Predicted MQL: 0.004869

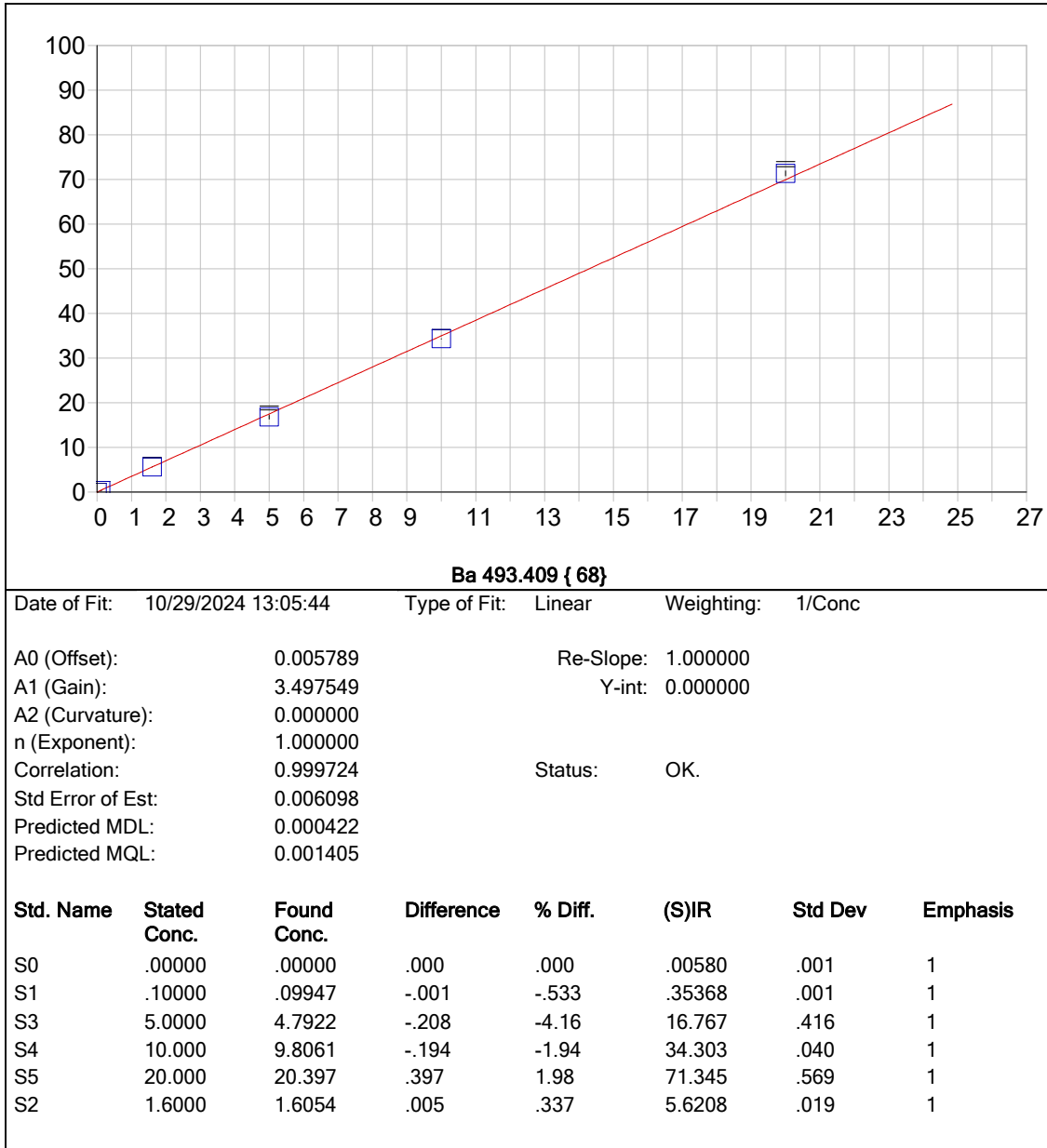
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.04000	.03989	-.000	-.283	.00271	.000	1
S3	2.5000	2.4690	-.031	-1.24	.19366	.003	1
S4	5.0000	4.8682	-.132	-2.64	.38201	.004	1
S5	10.000	10.119	.119	1.19	.79491	.013	1
S2	.80000	.84382	.044	5.48	.06609	.001	1

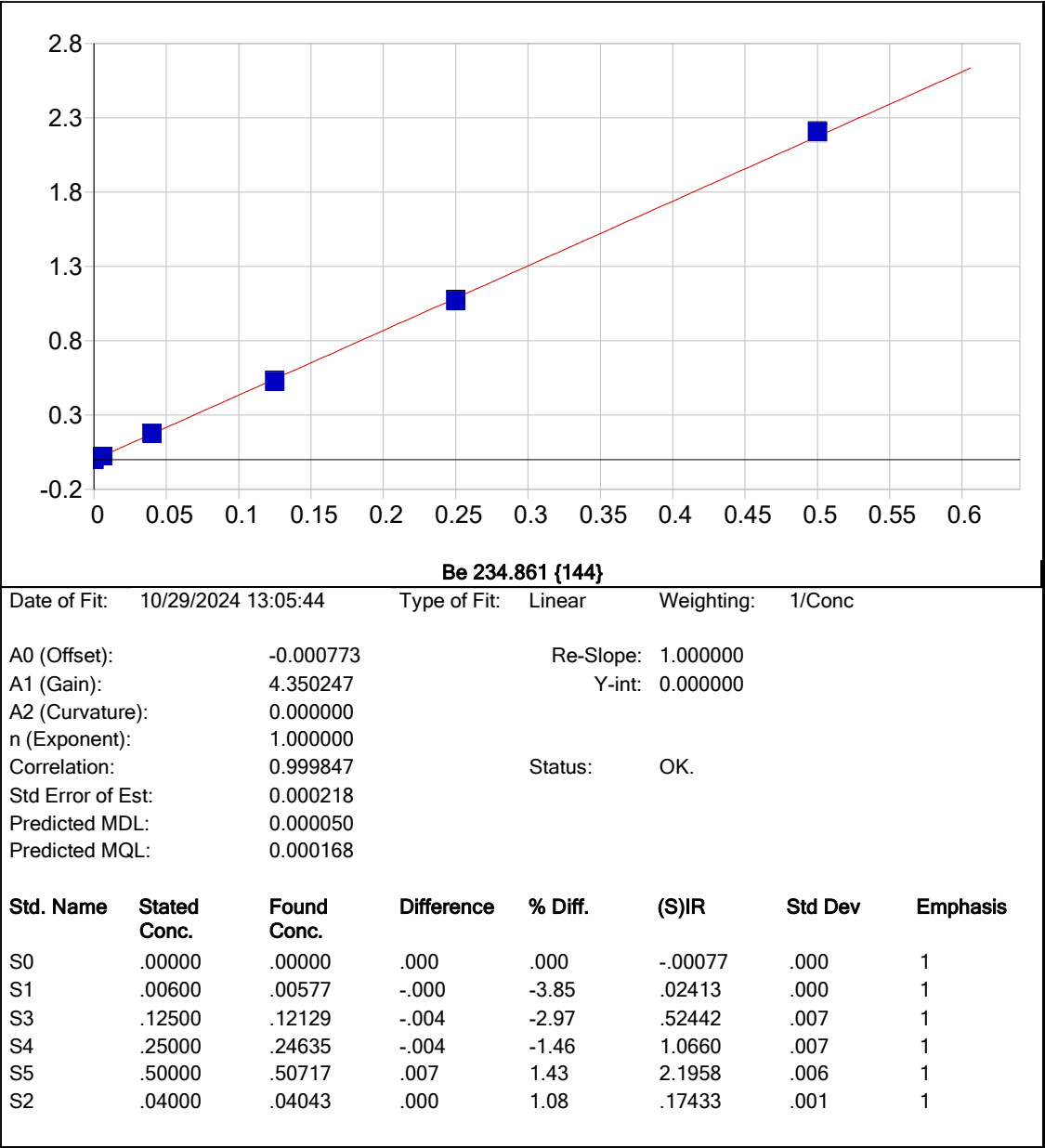


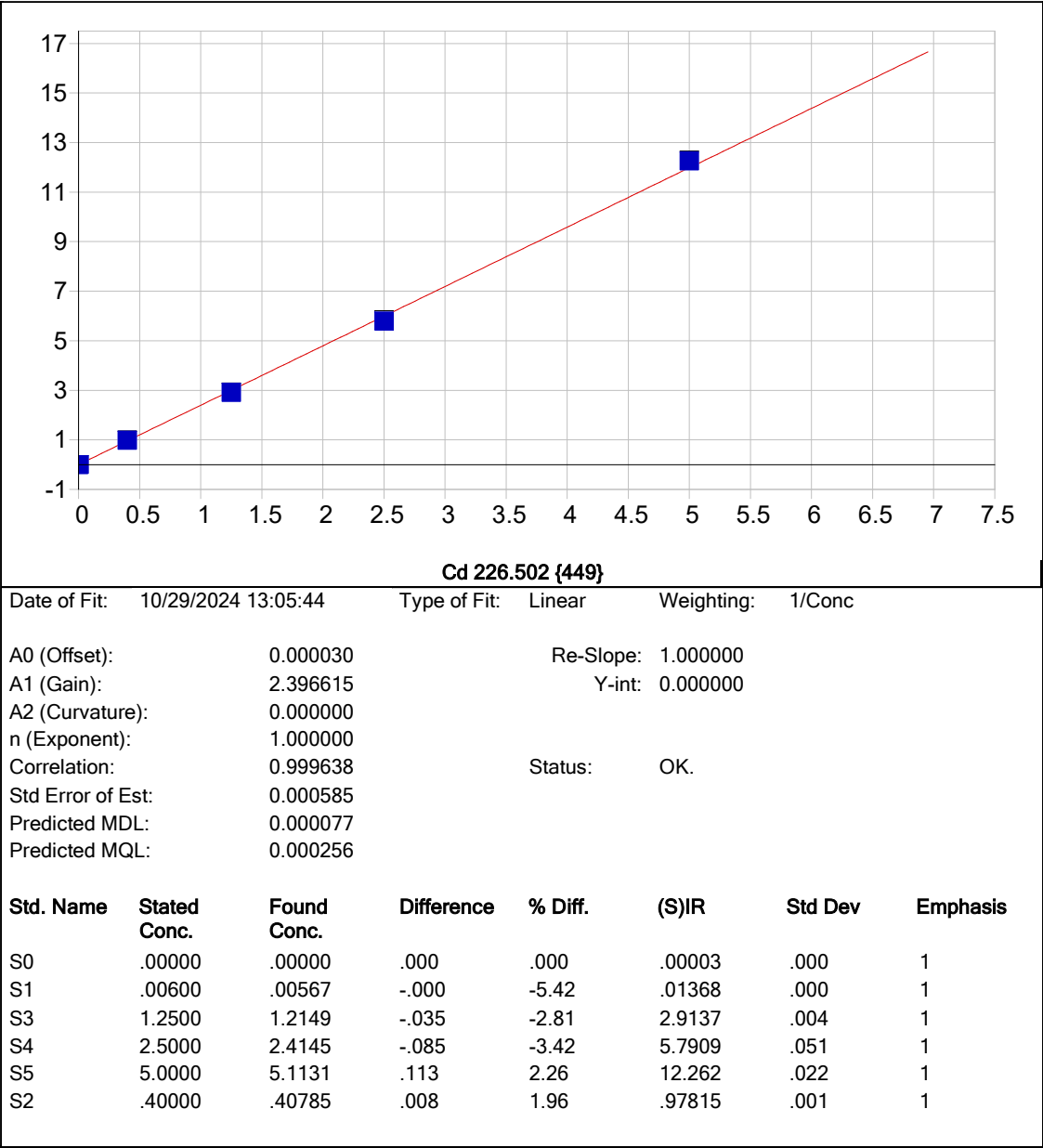


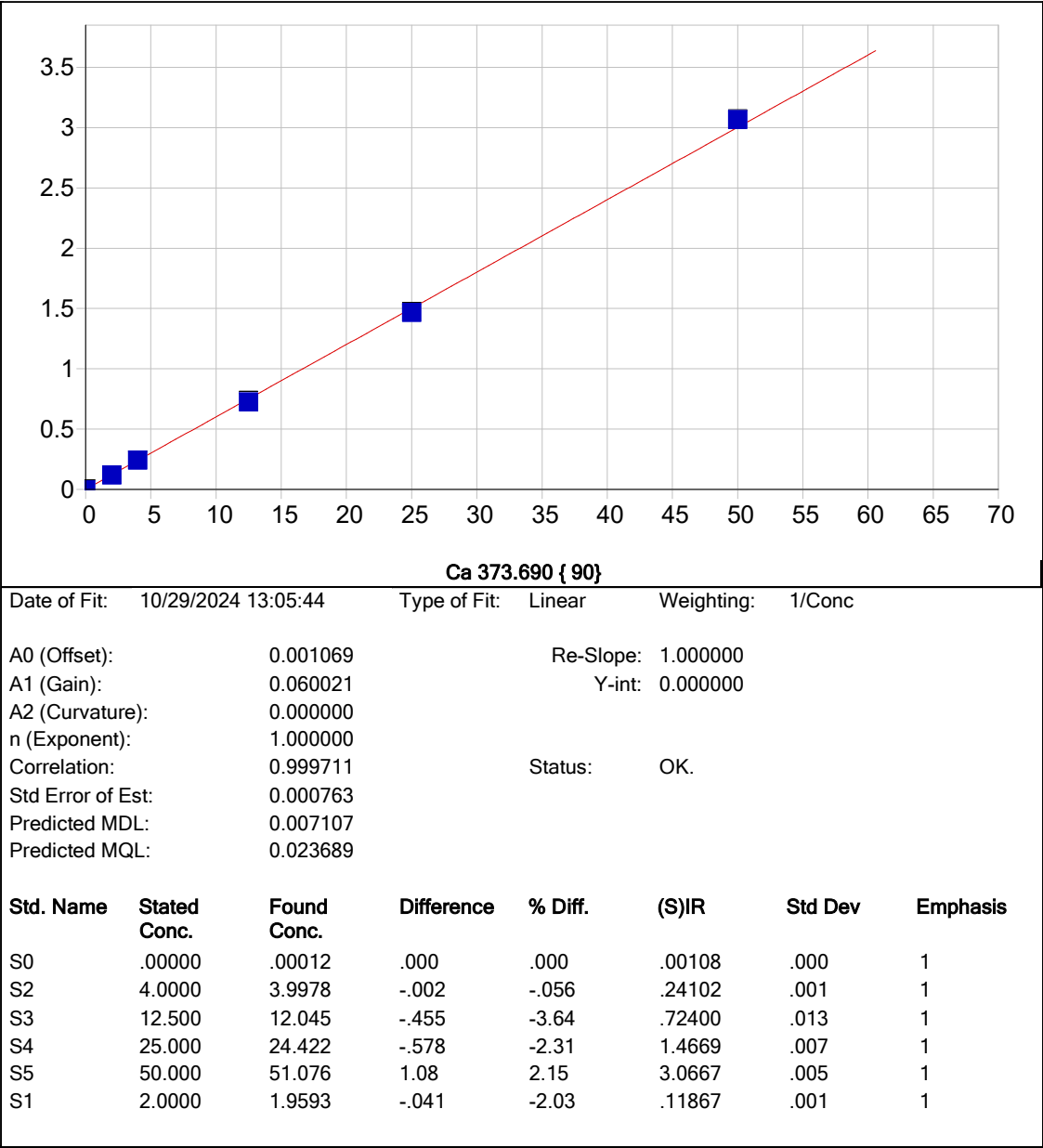


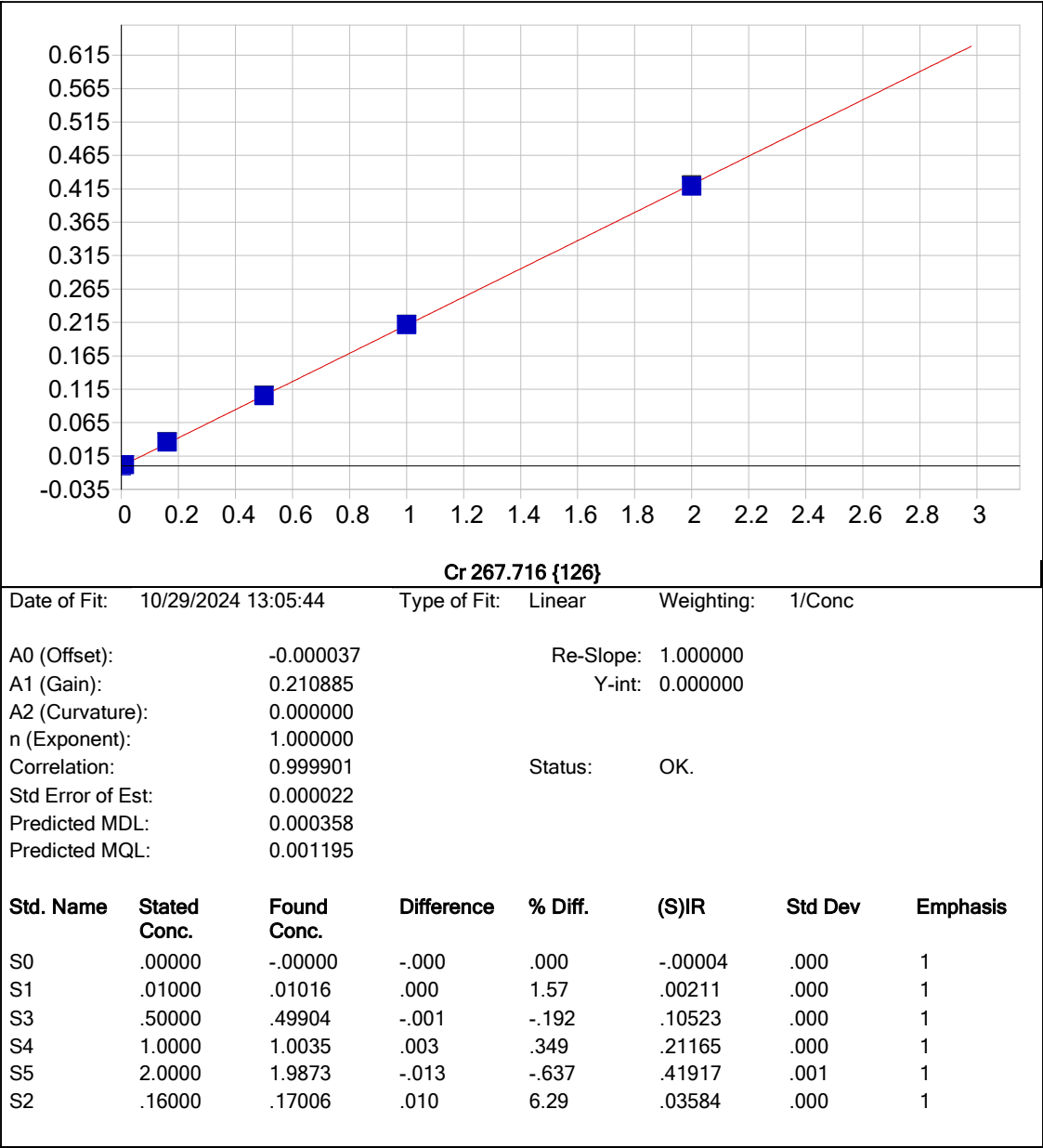


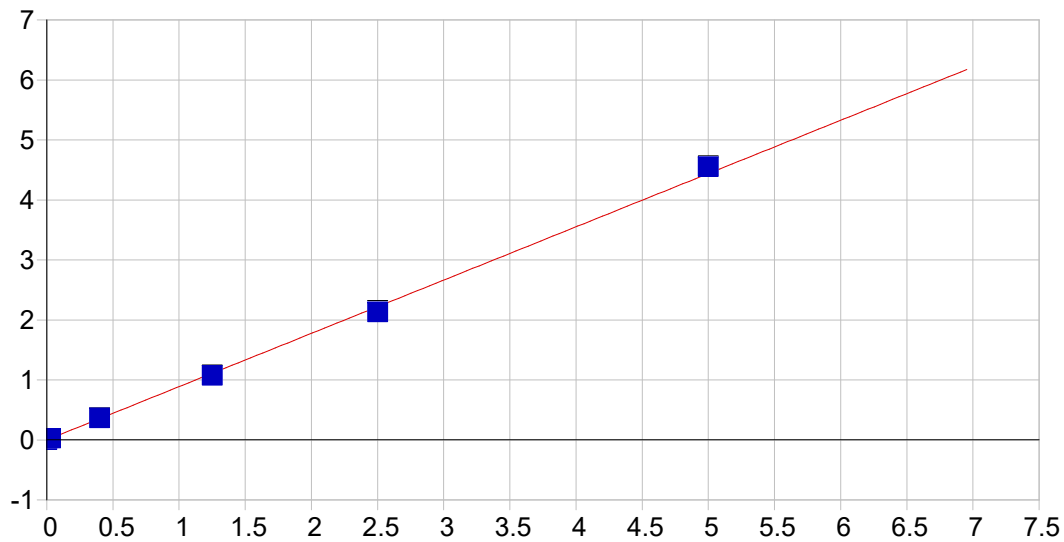










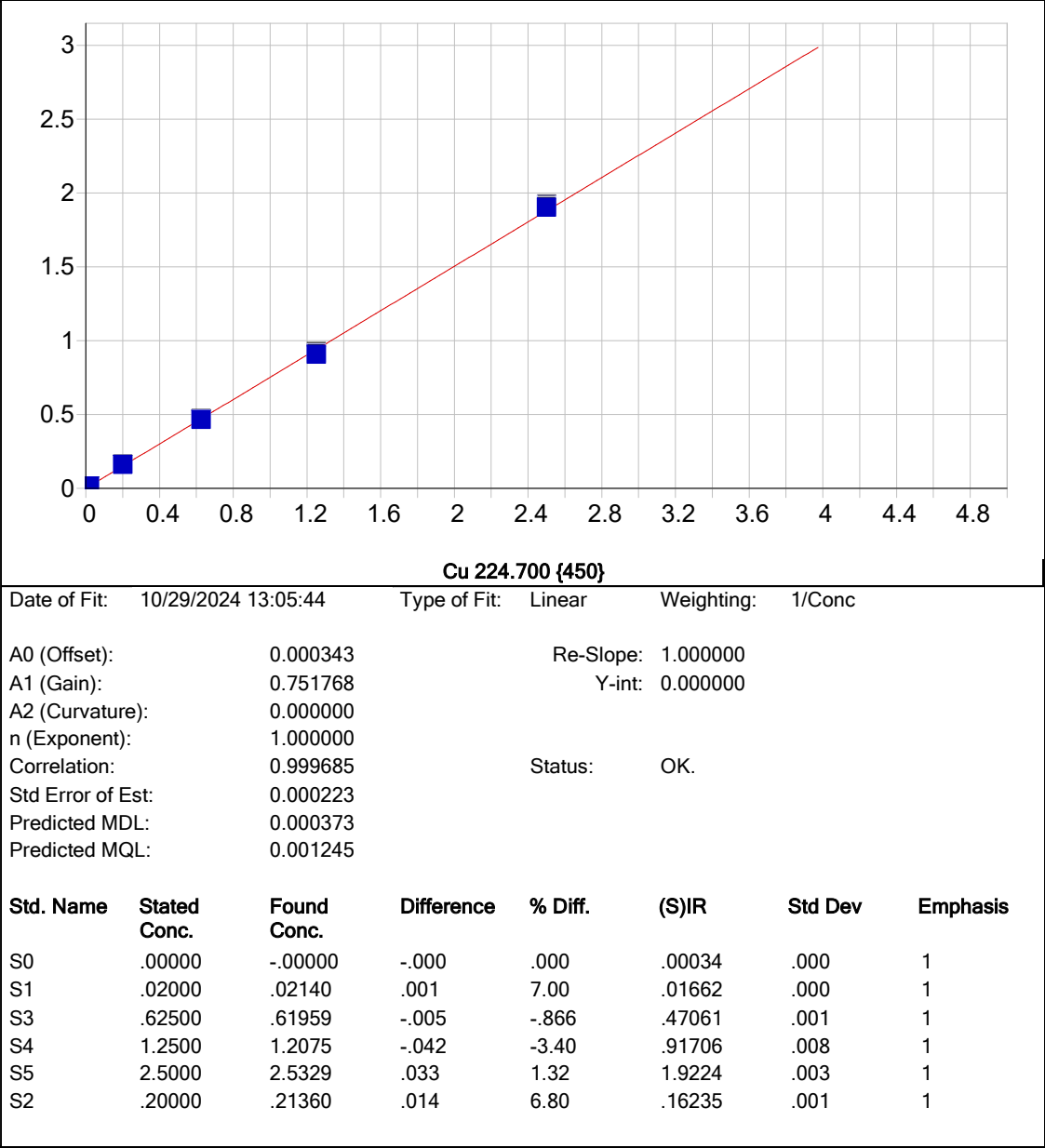


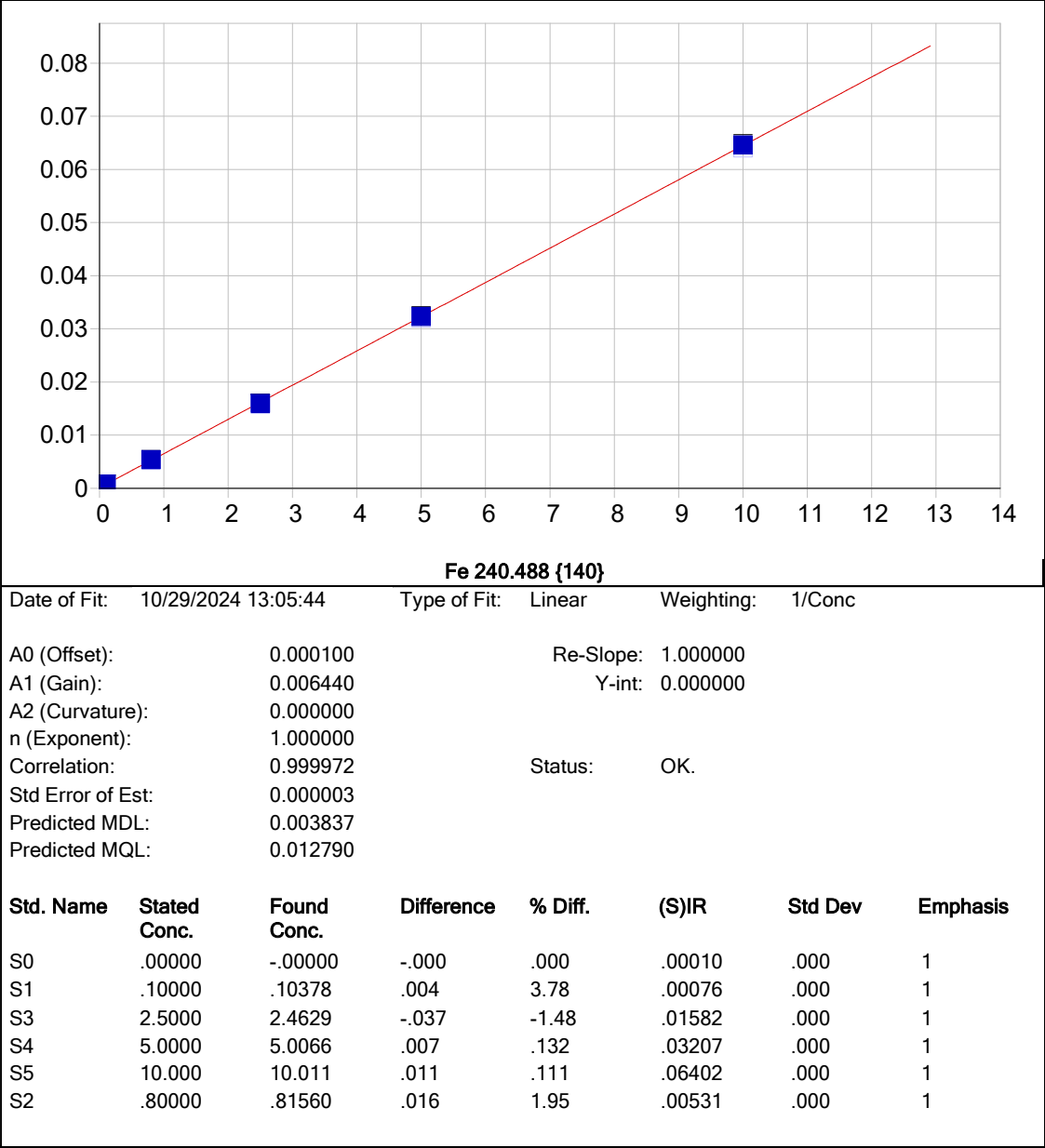
Co 228.616 {448}

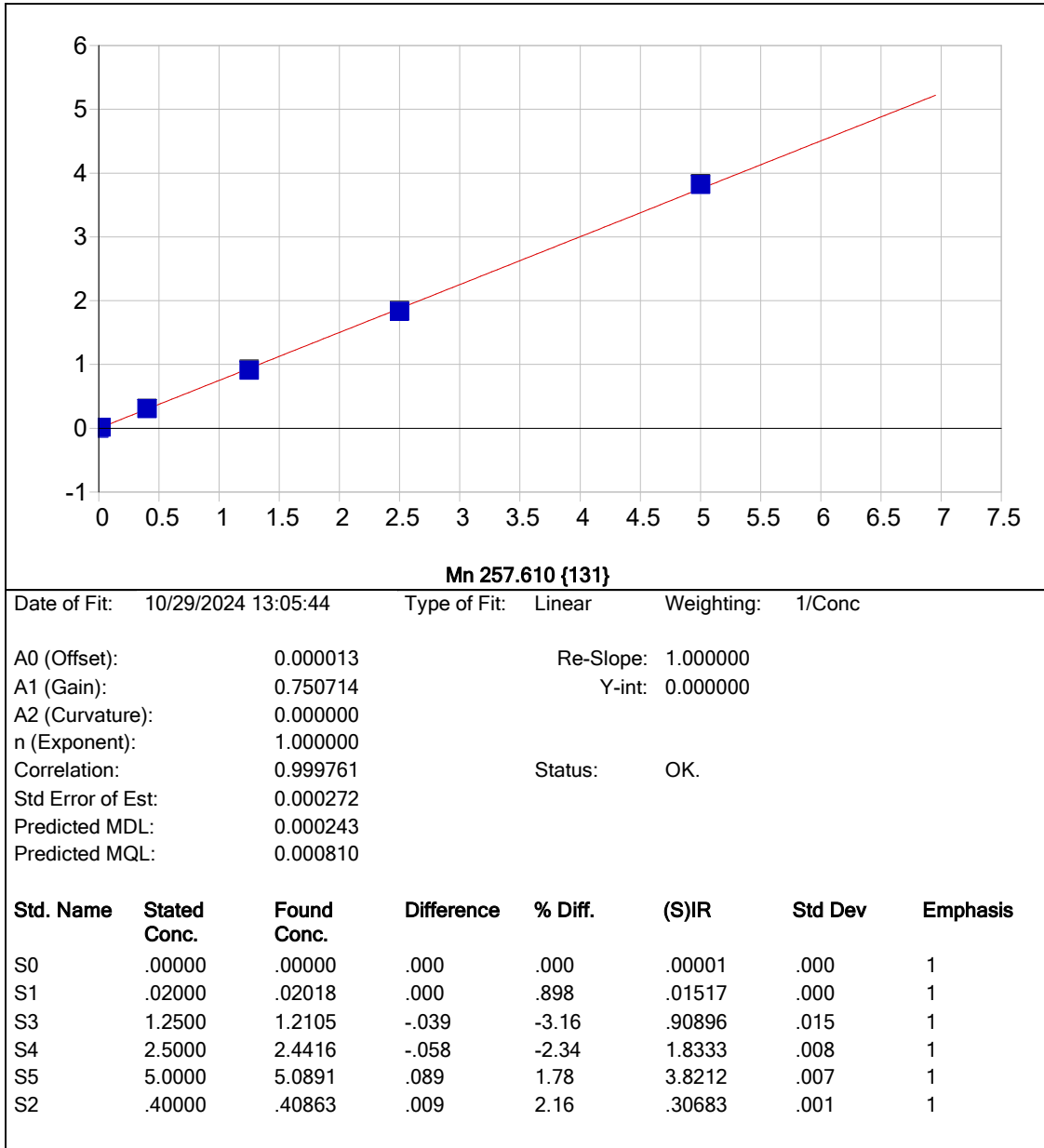
Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

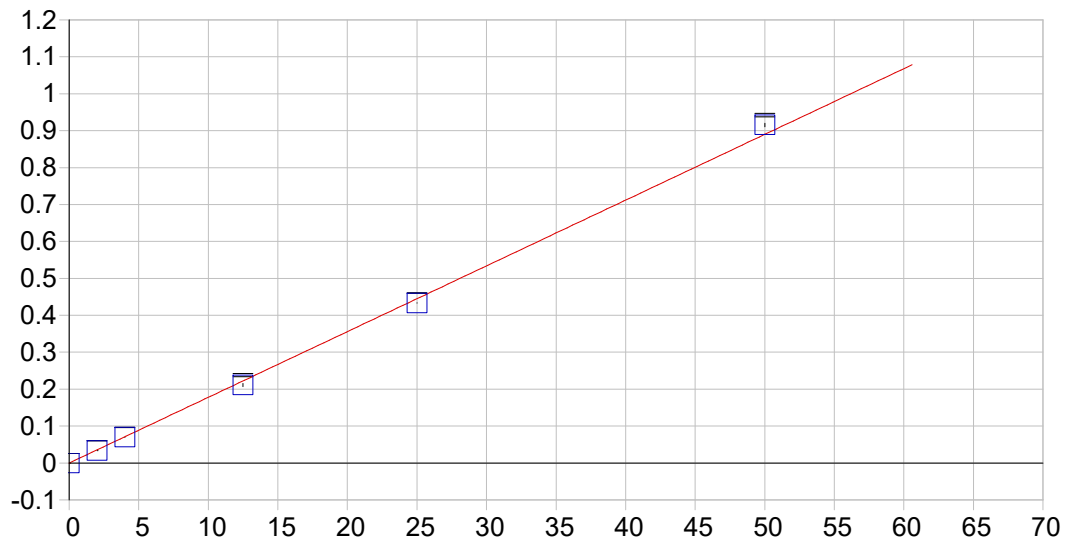
A0 (Offset):	0.000003	Re-Slope:	1.000000
A1 (Gain):	0.887831	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999541	Status:	OK.
Std Error of Est:	0.000547		
Predicted MDL:	0.000186		
Predicted MQL:	0.000619		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.03000	.03026	.000	.867	.02676	.000	1
S3	1.2500	1.2109	-.039	-3.13	1.0769	.003	1
S4	2.5000	2.4026	-.097	-3.89	2.1369	.021	1
S5	5.0000	5.1255	.126	2.51	4.5582	.008	1
S2	.40000	.41070	.011	2.67	.36523	.001	1







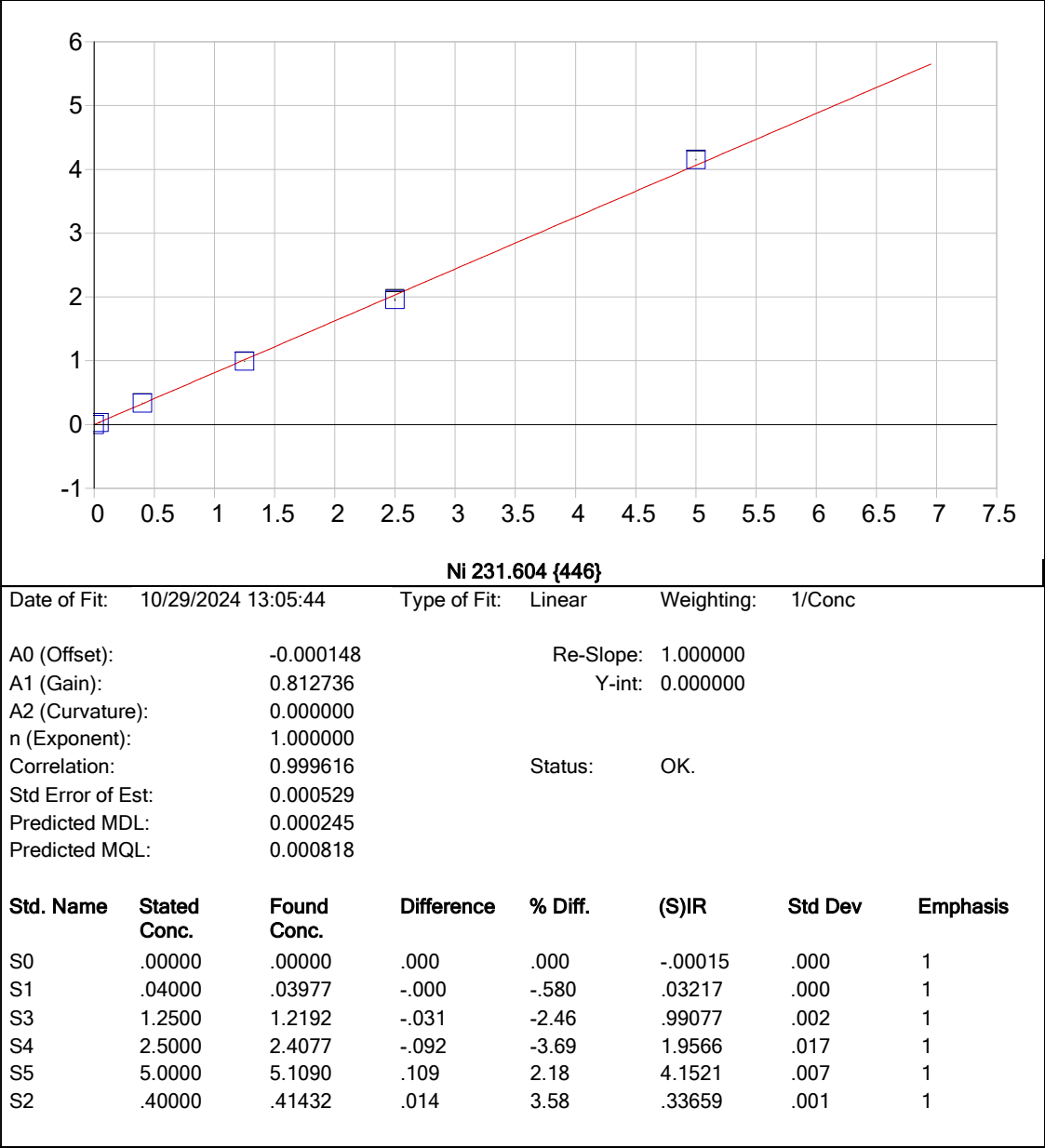


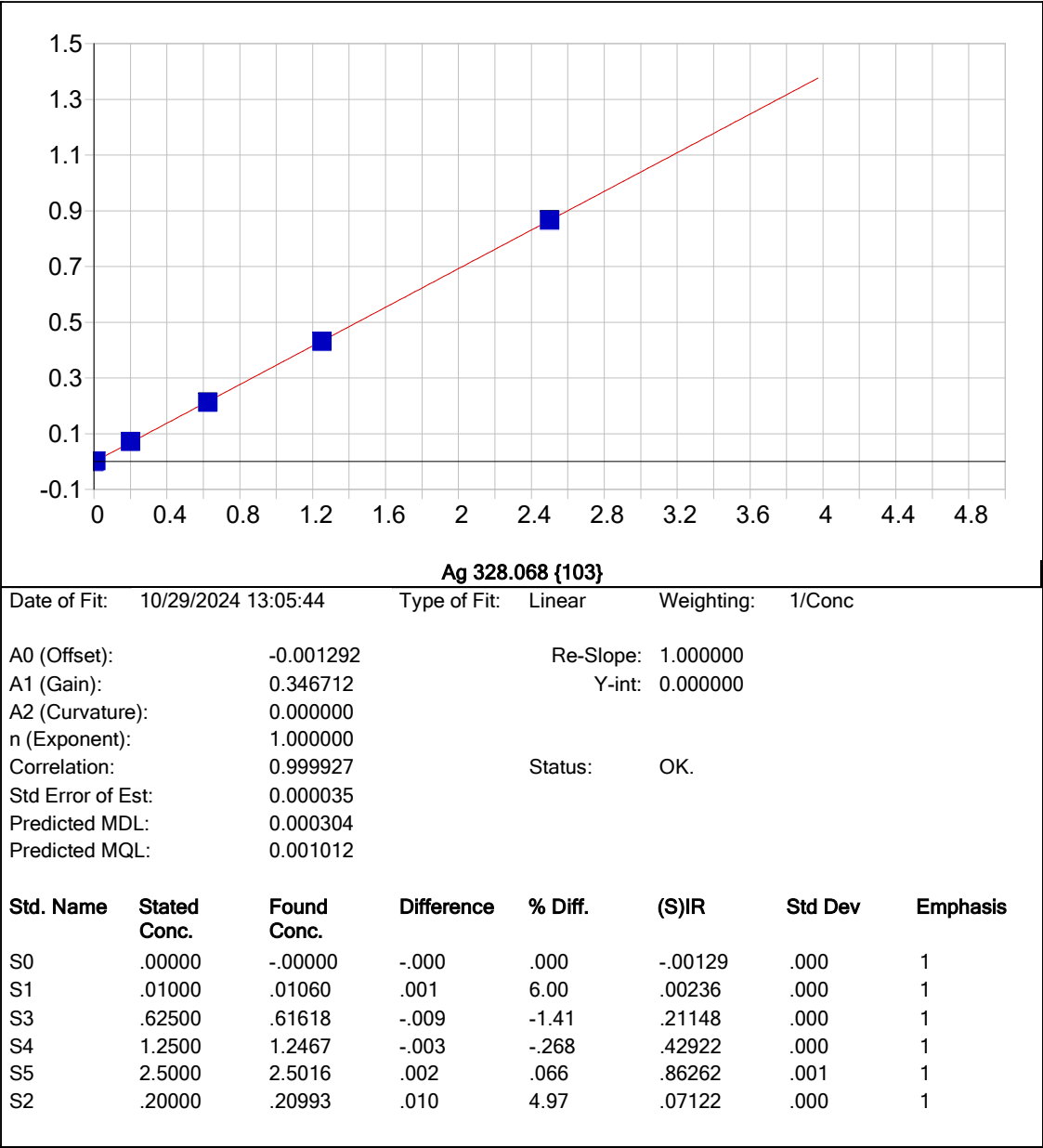
Mg 279.079 {121}

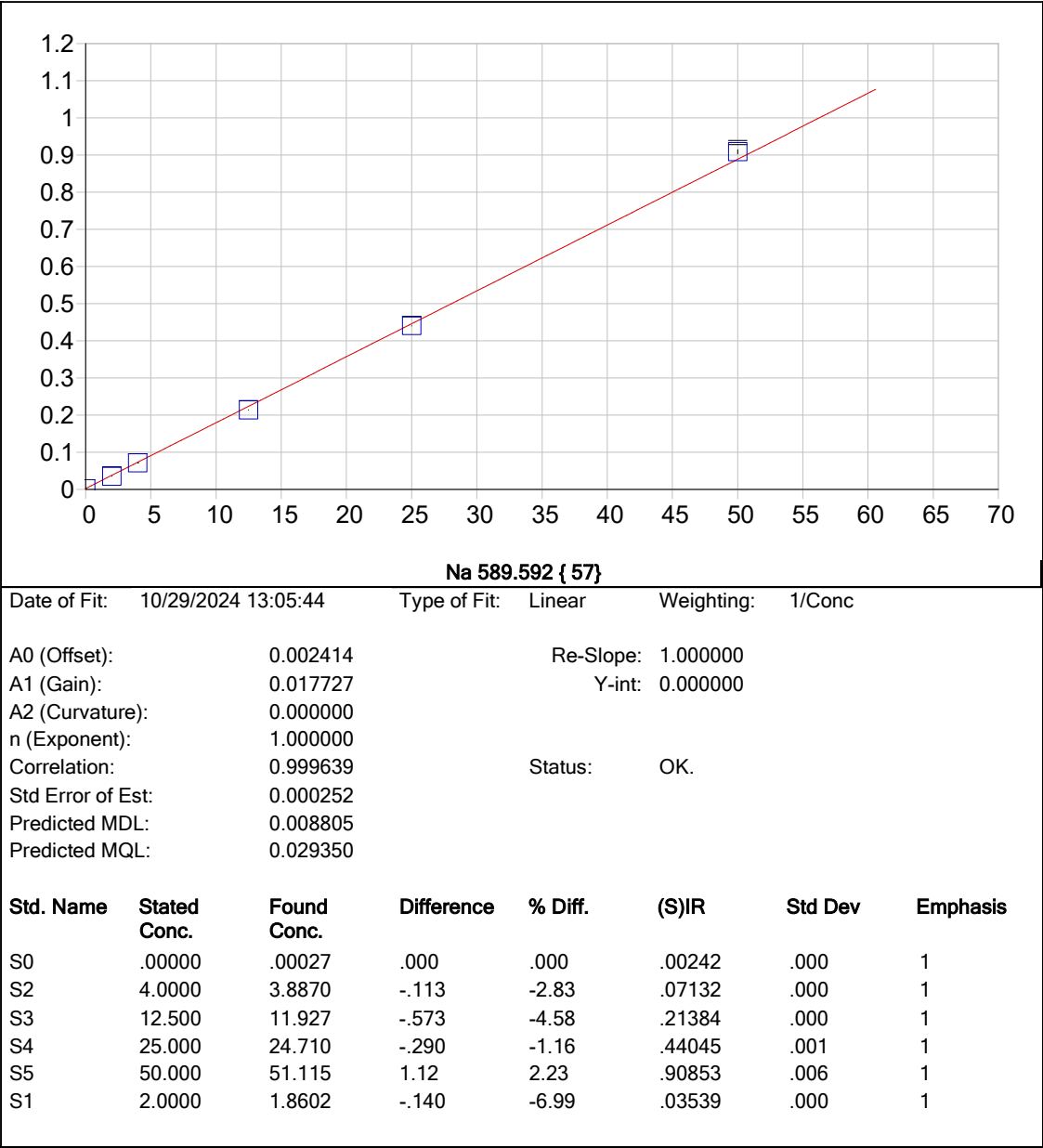
Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

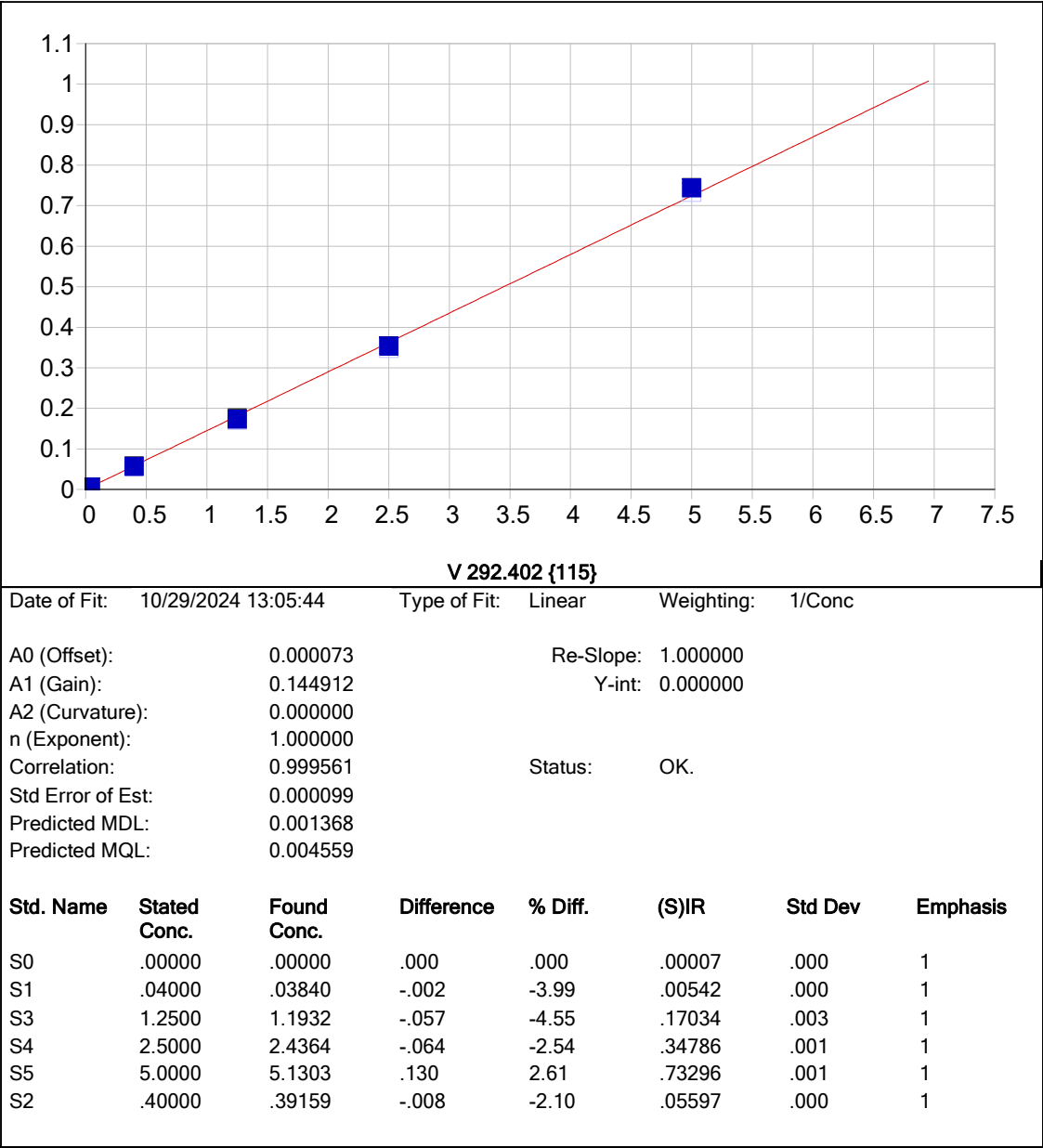
A0 (Offset): -0.000202 Re-Slope: 1.000000
A1 (Gain): 0.017802 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999496 Status: OK.
Std Error of Est: 0.000299
Predicted MDL: 0.010803
Predicted MQL: 0.036009

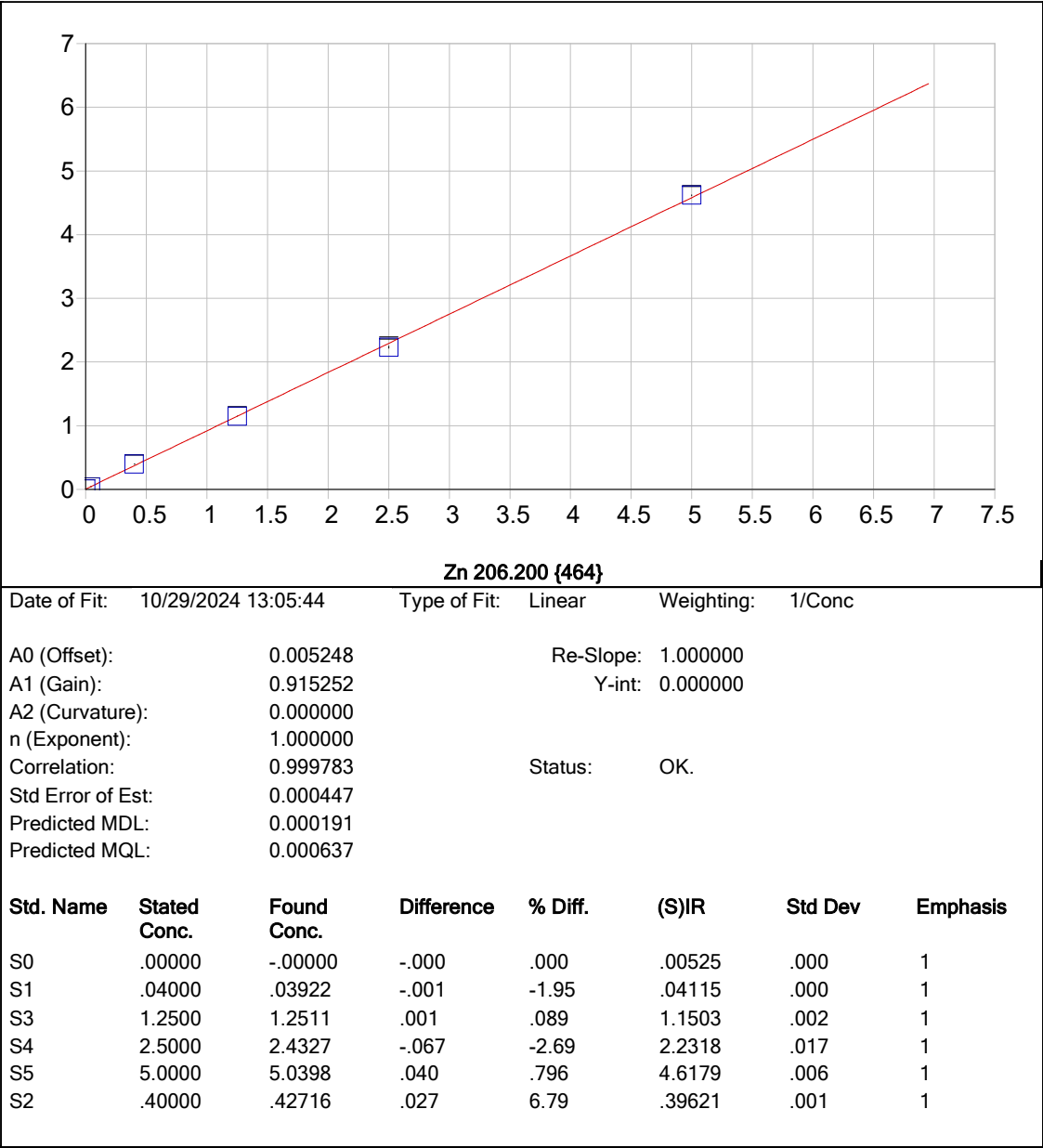
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00020	.000	1
S2	4.0000	3.9149	-.085	-2.13	.06949	.000	1
S3	12.500	11.881	-.619	-4.95	.21130	.004	1
S4	25.000	24.354	-.646	-2.58	.43335	.001	1
S5	50.000	51.437	1.44	2.87	.91548	.005	1
S1	2.0000	1.9132	-.087	-4.34	.03386	.000	1

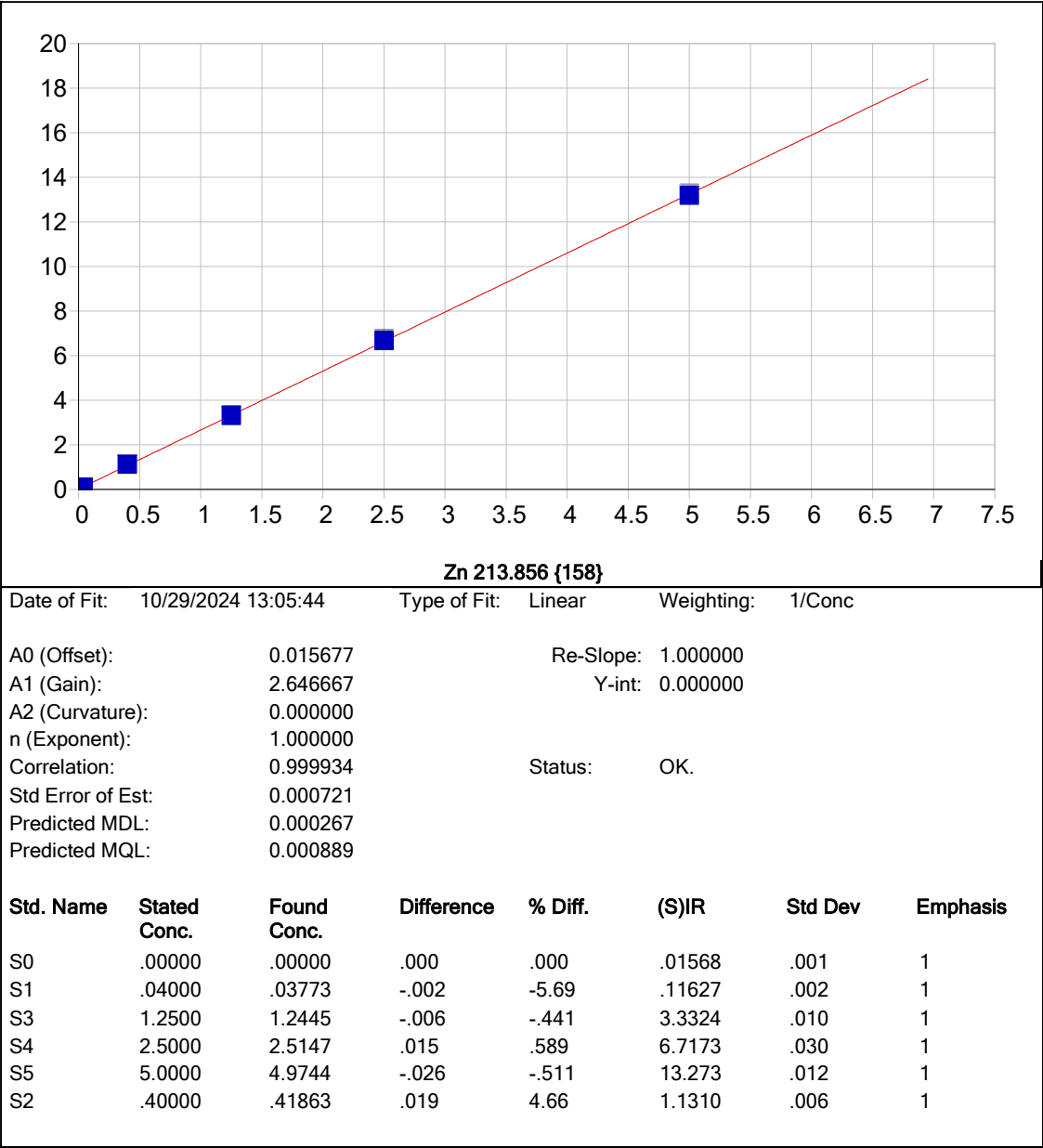


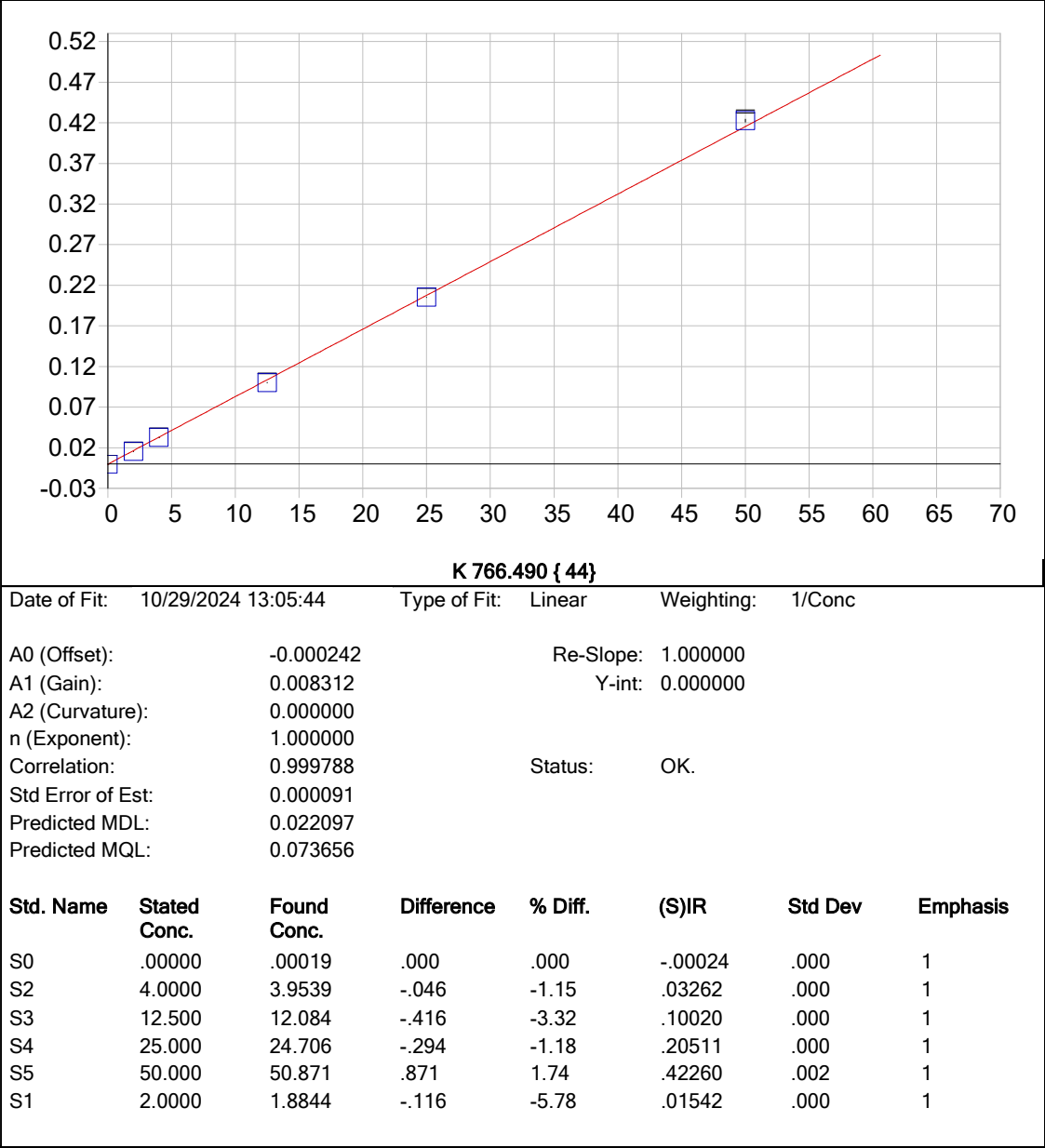


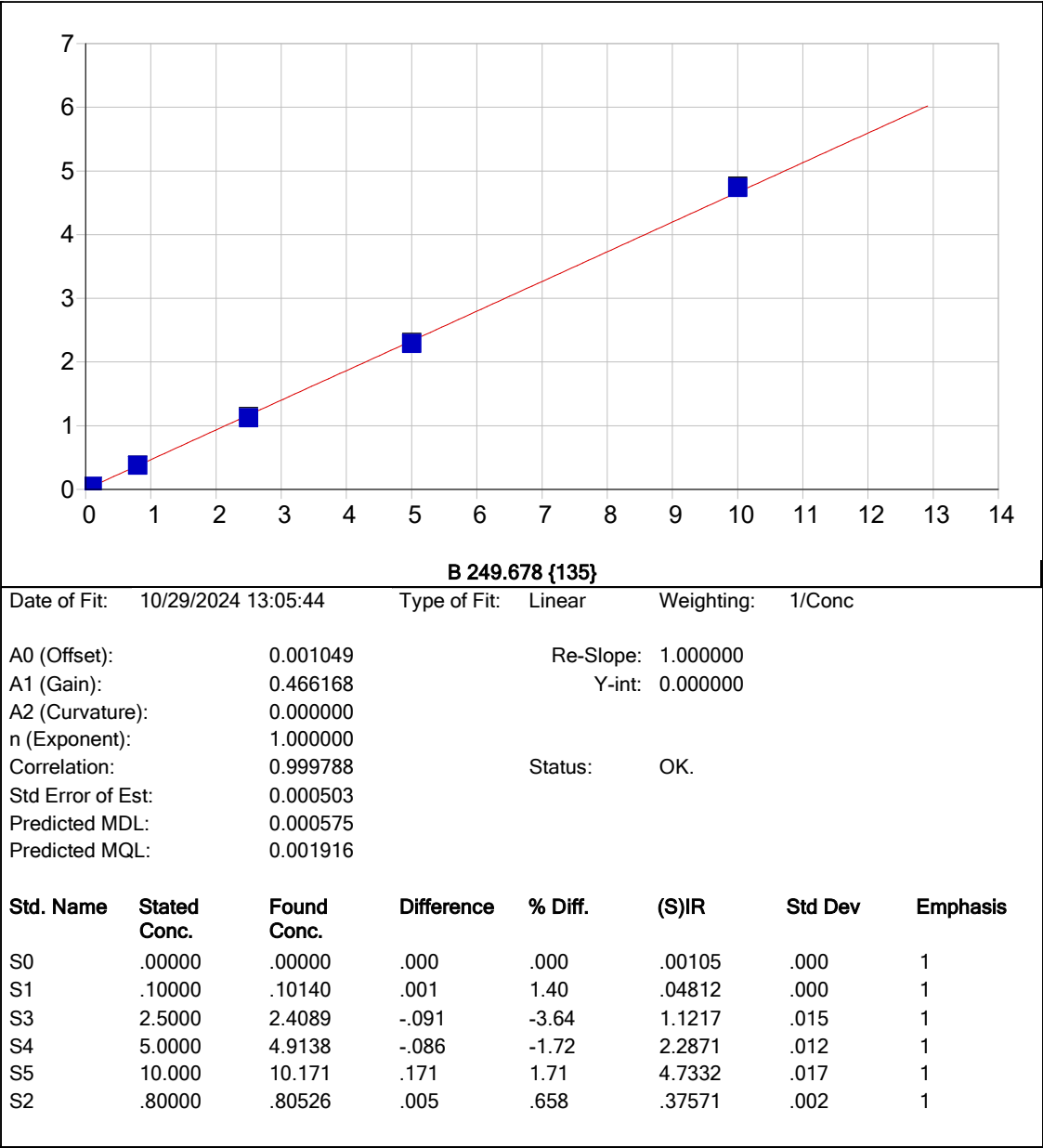


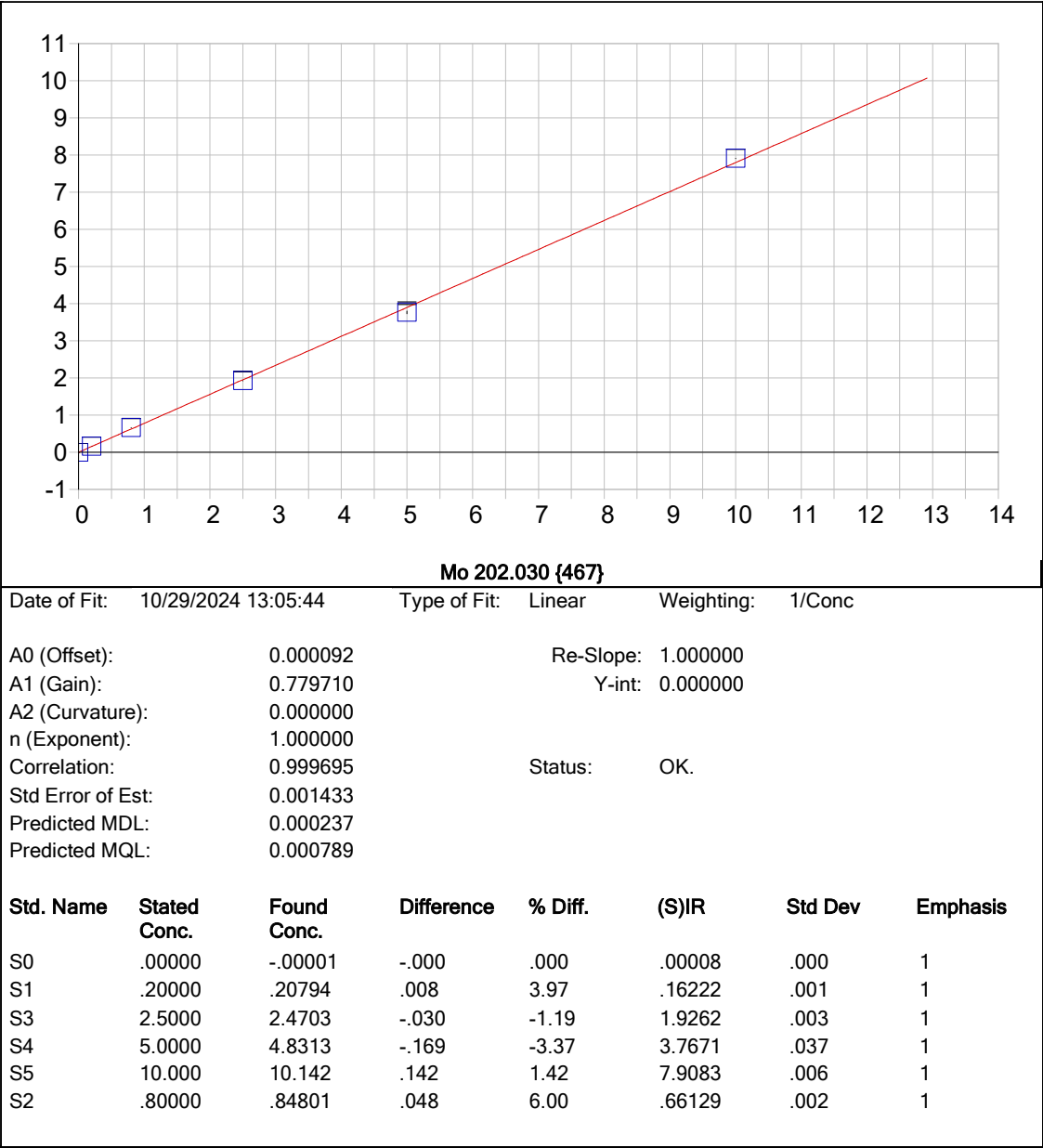


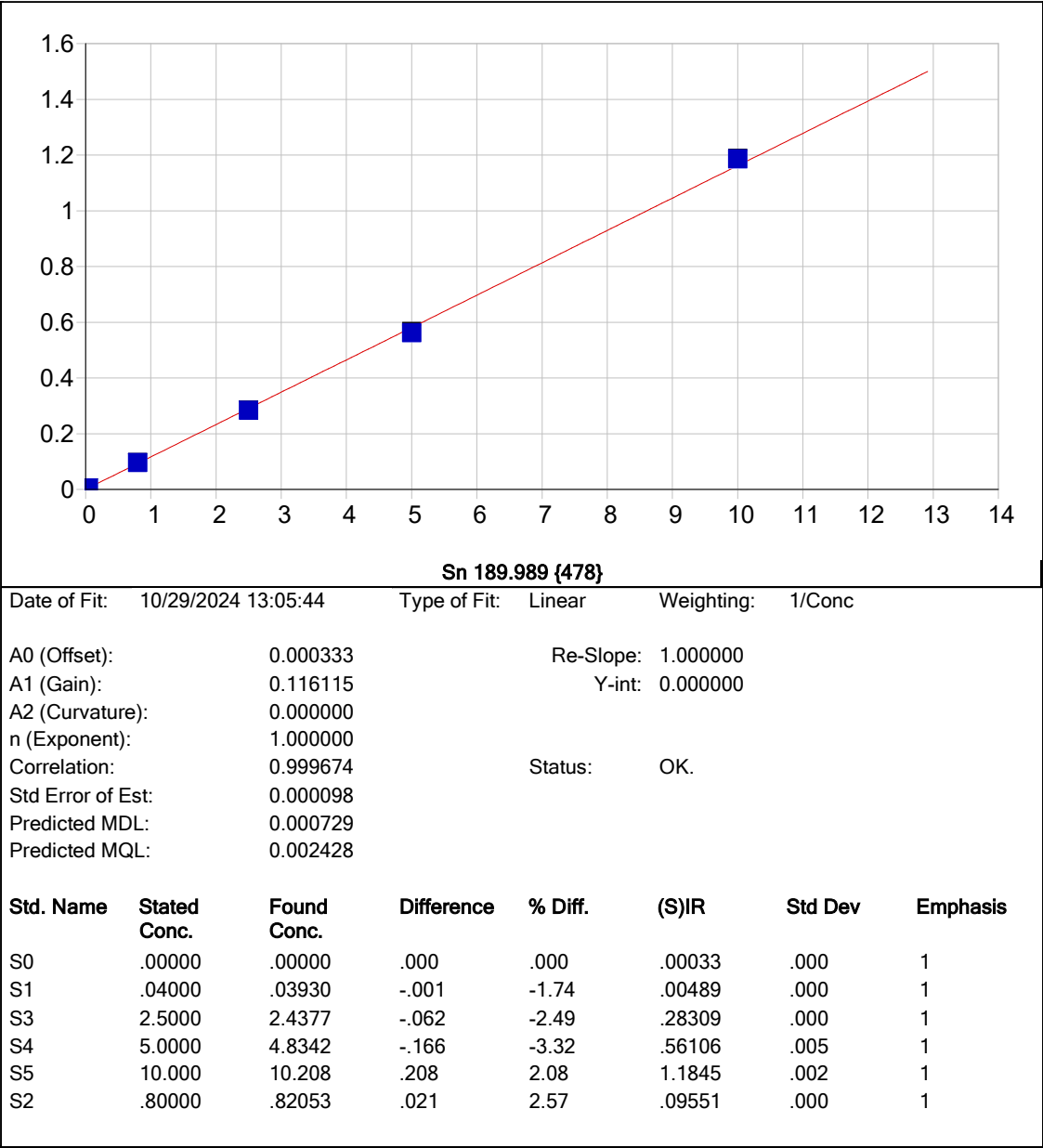


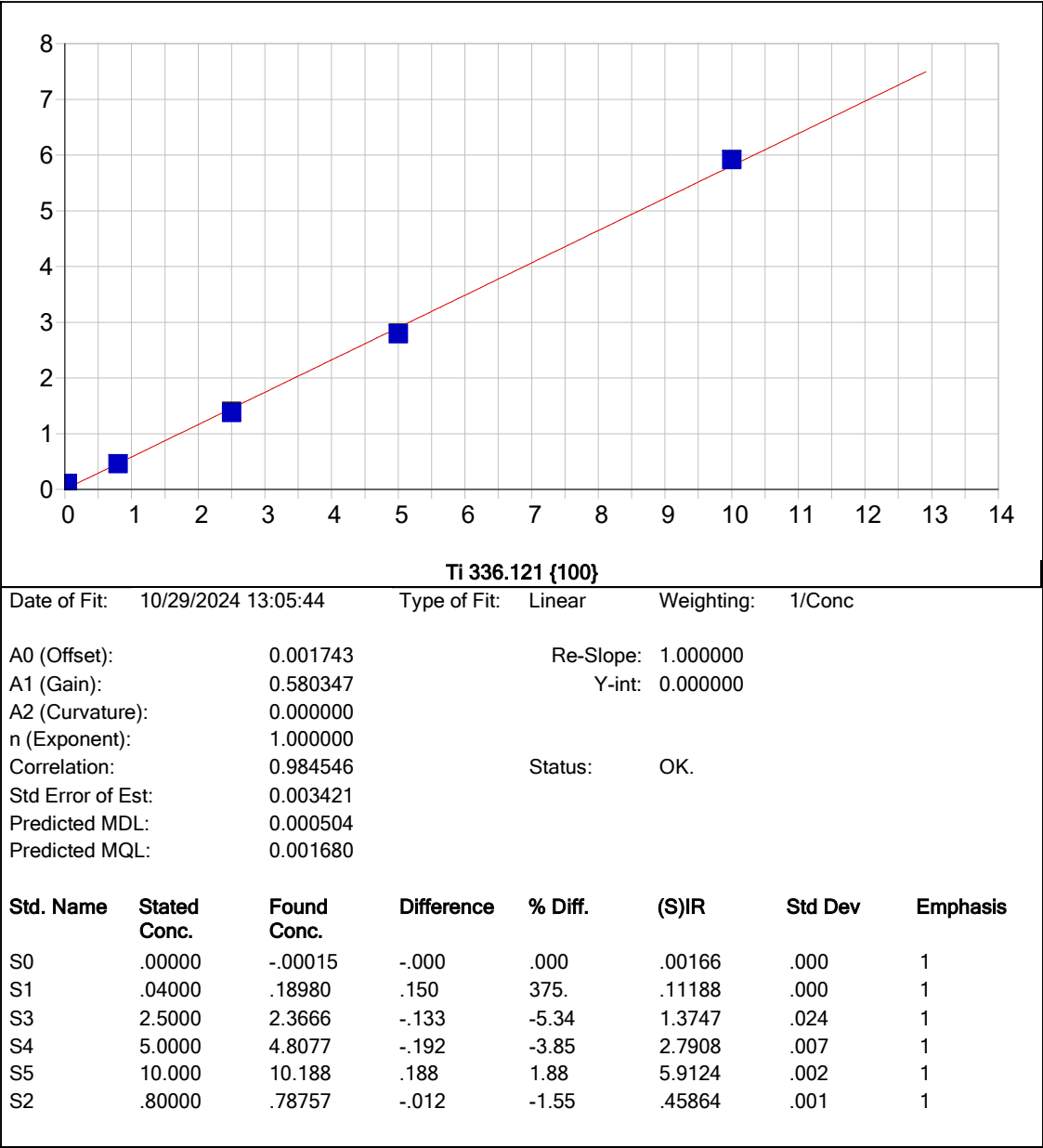


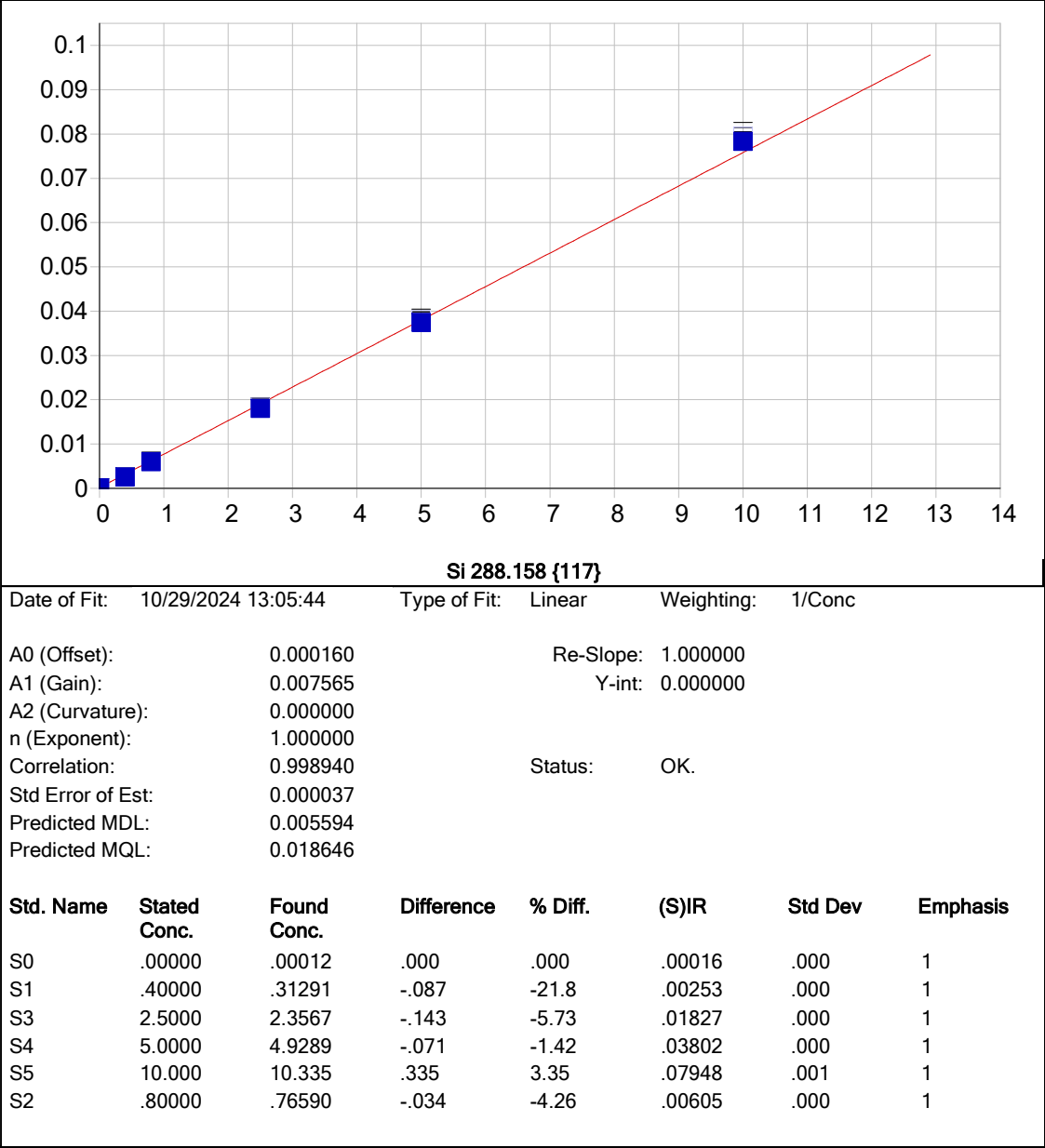


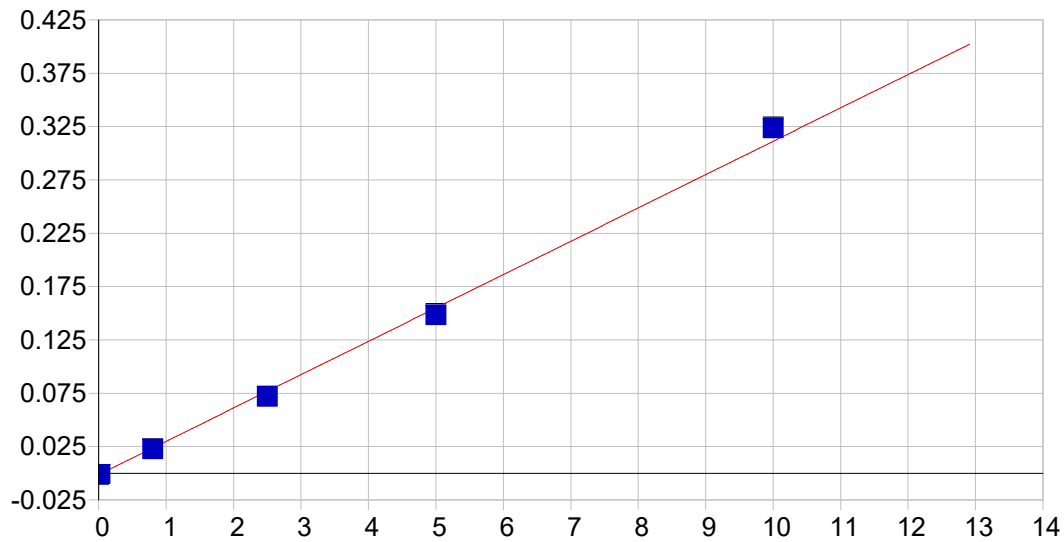










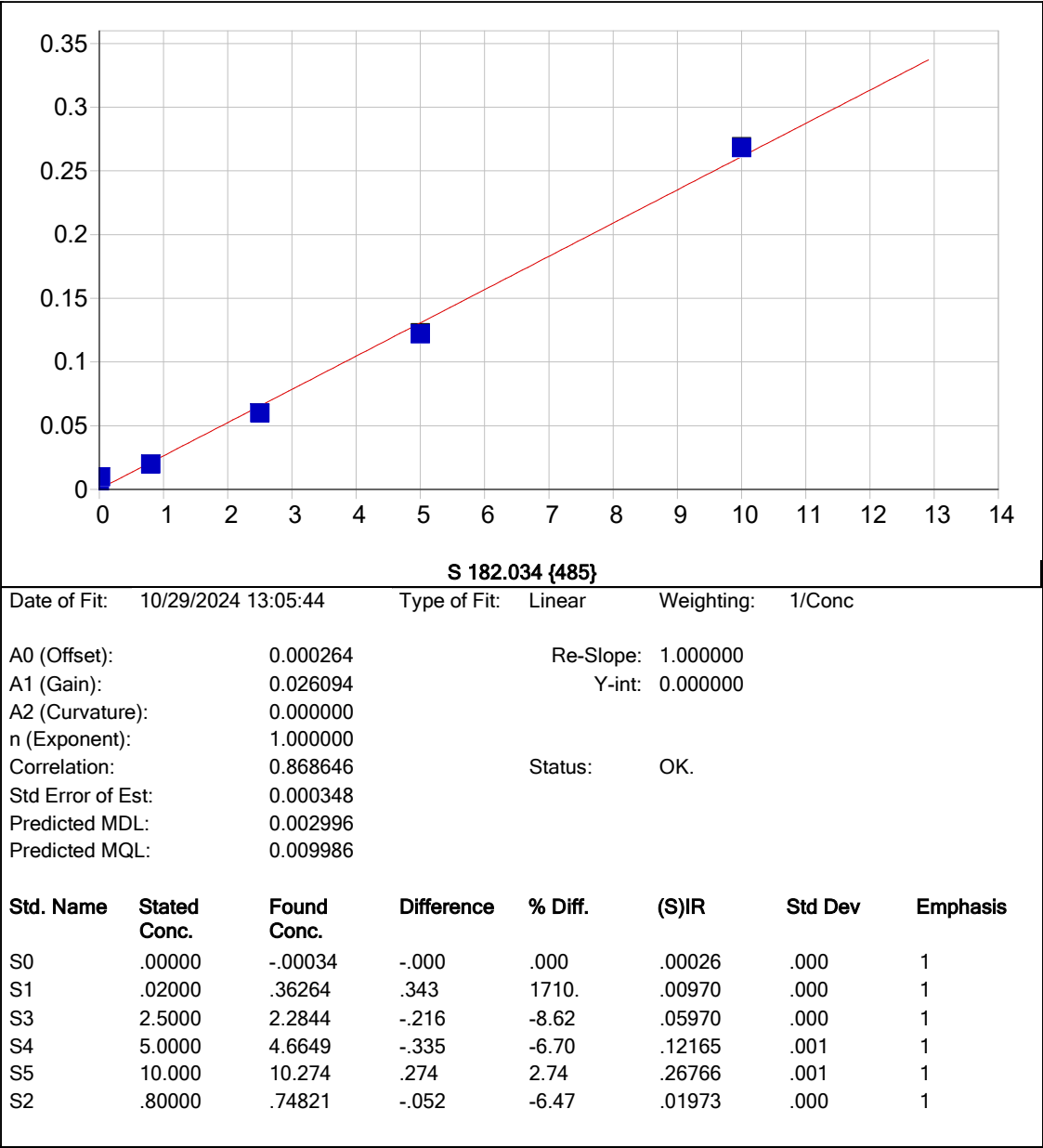


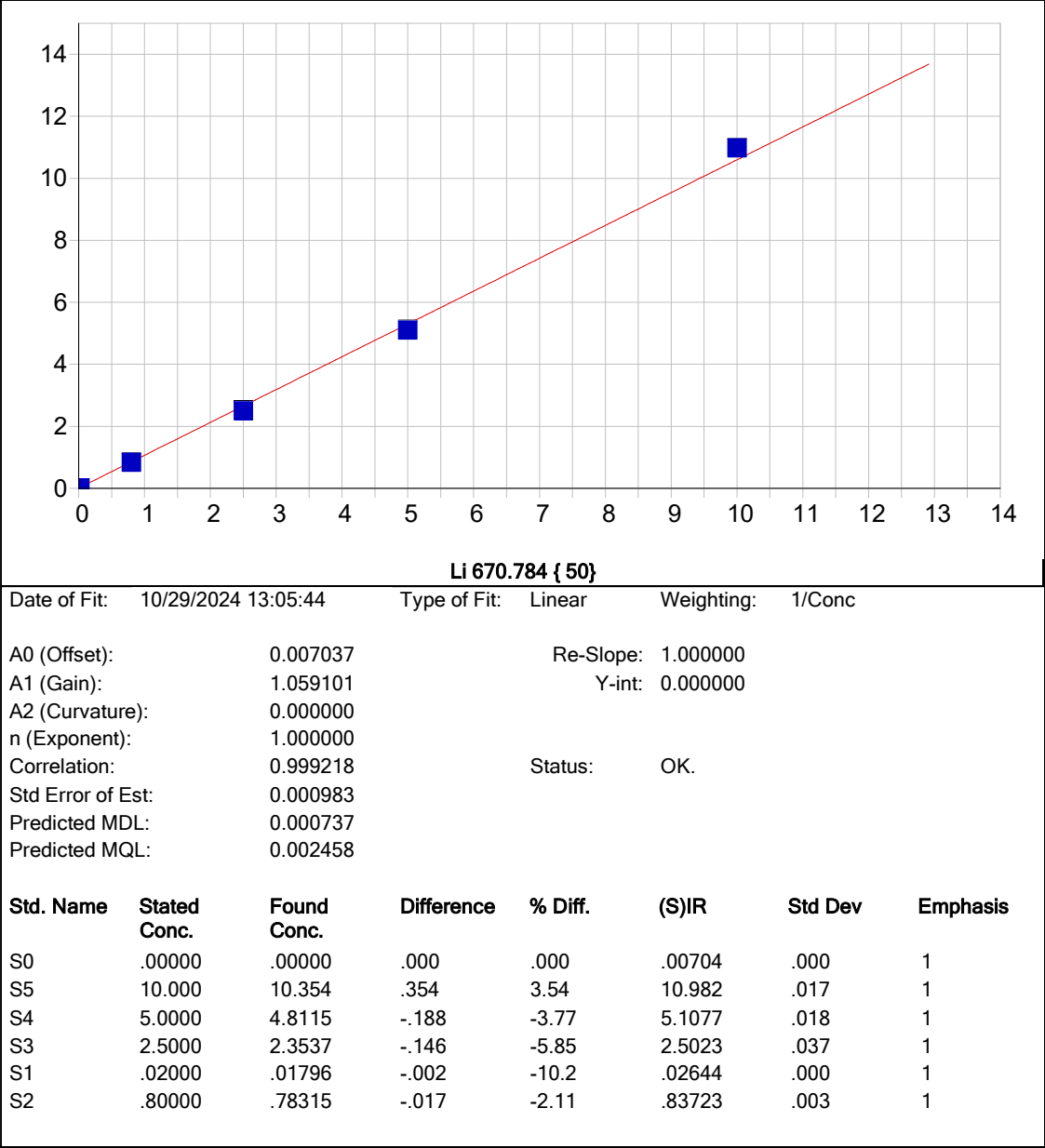
P 177.495 {490}

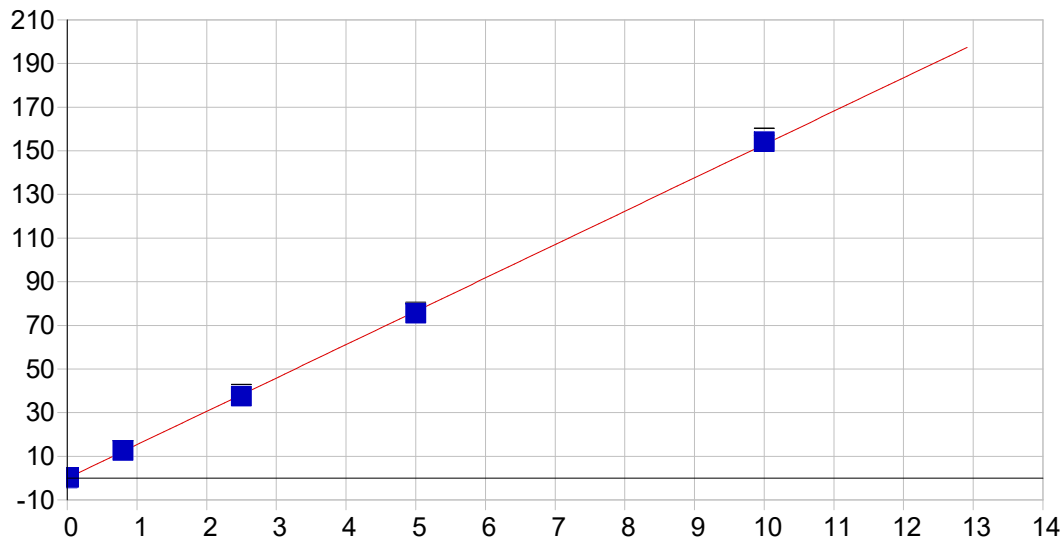
Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001346 Re-Slope: 1.000000
A1 (Gain): 0.031260 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999033 Status: OK.
Std Error of Est: 0.000032
Predicted MDL: 0.002533
Predicted MQL: 0.008442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00135	.000	1
S1	.02000	.01728	-.003	-13.6	-.00081	.000	1
S3	2.5000	2.3444	-.156	-6.22	.07193	.000	1
S4	5.0000	4.7919	-.208	-4.16	.14842	.001	1
S5	10.000	10.396	.396	3.96	.32358	.001	1
S2	.80000	.77057	-.029	-3.68	.02274	.000	1





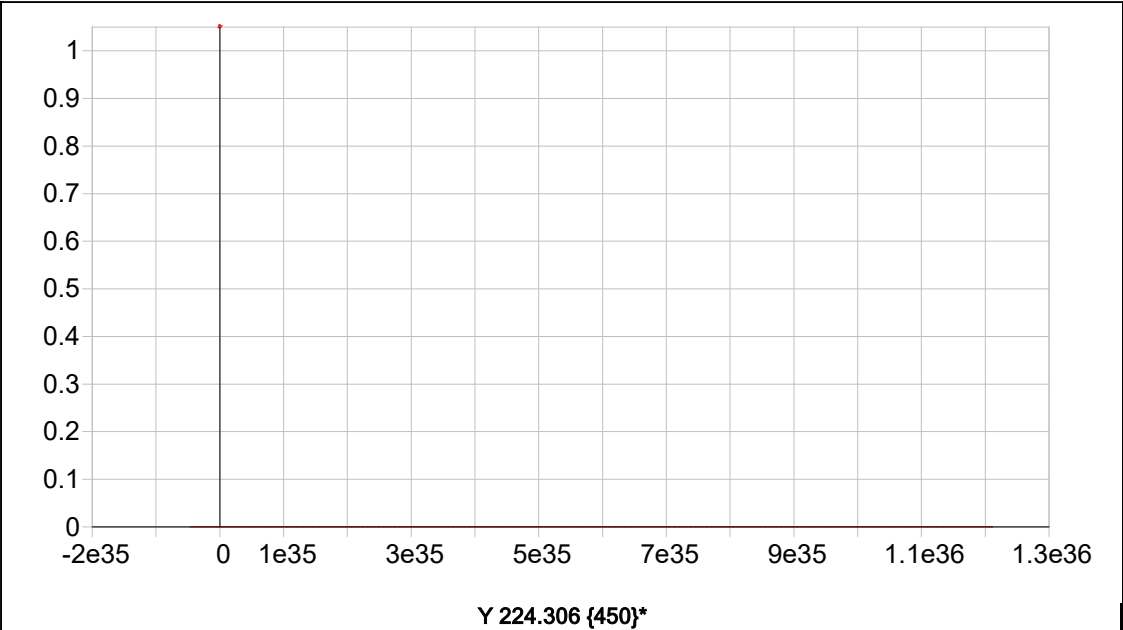


Sr 407.771 { 83}

Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000608 Re-Slope: 1.000000
A1 (Gain): 15.289362 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999918 Status: OK.
Std Error of Est: 0.004587
Predicted MDL: 0.000032
Predicted MQL: 0.000108

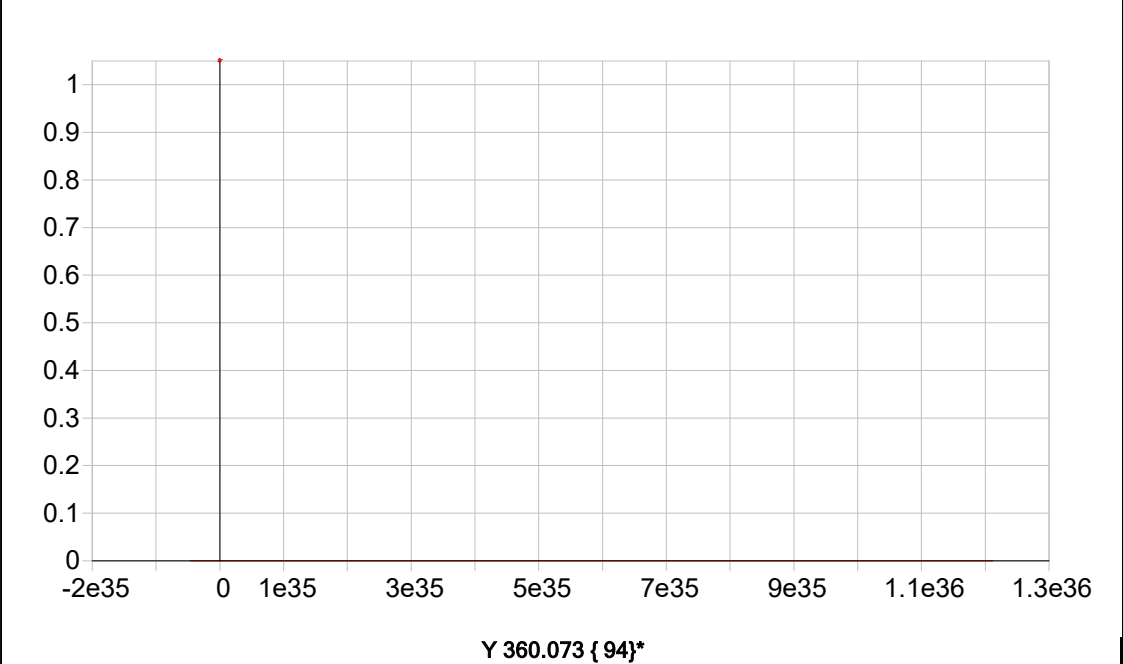
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.02000	.01982	-.000	-.881	.30401	.001	1
S3	2.5000	2.4543	-.046	-1.83	37.562	.820	1
S4	5.0000	4.9390	-.061	-1.22	75.590	.493	1
S5	10.000	10.082	.082	.825	154.31	1.60	1
S2	.80000	.82437	.024	3.05	12.616	.031	1



Date of Fit: 10/29/2024 13:05:44 Type of Fit: Linear Weighting: 1/Conc

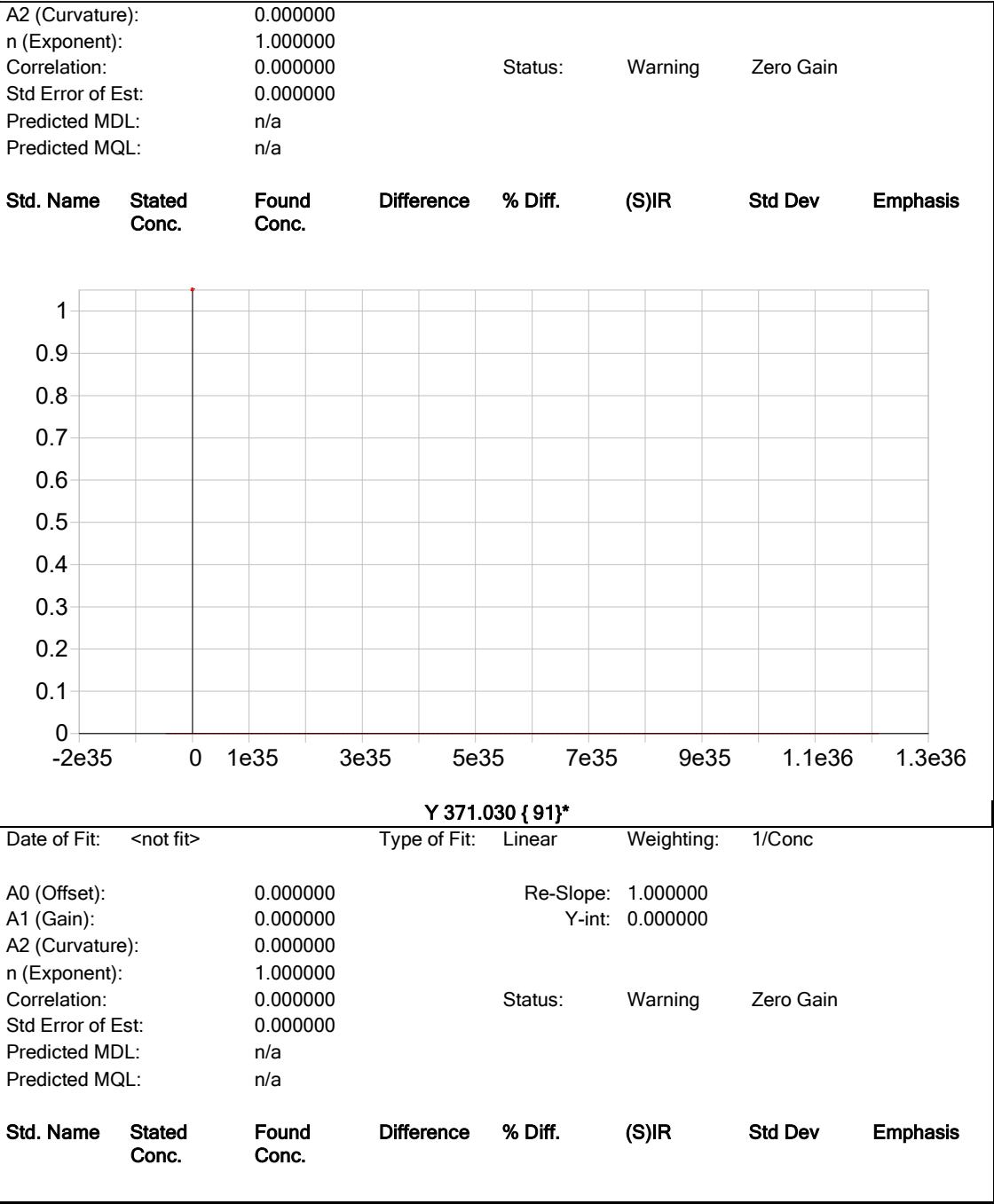
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

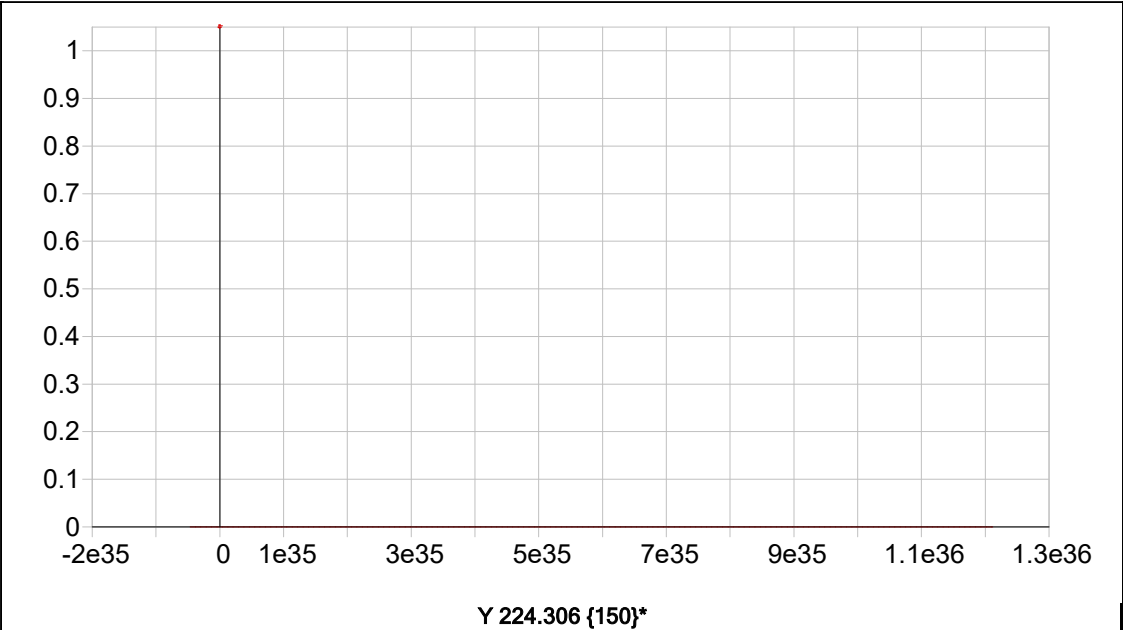
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* The plot shows a single data point at the origin (0, 1). The x-axis ranges from -2e35 to 1.3e36 with major ticks every 2e35. The y-axis ranges from 0 to 1 with major ticks every 0.1. A red dot marks the data point at (0, 1).							

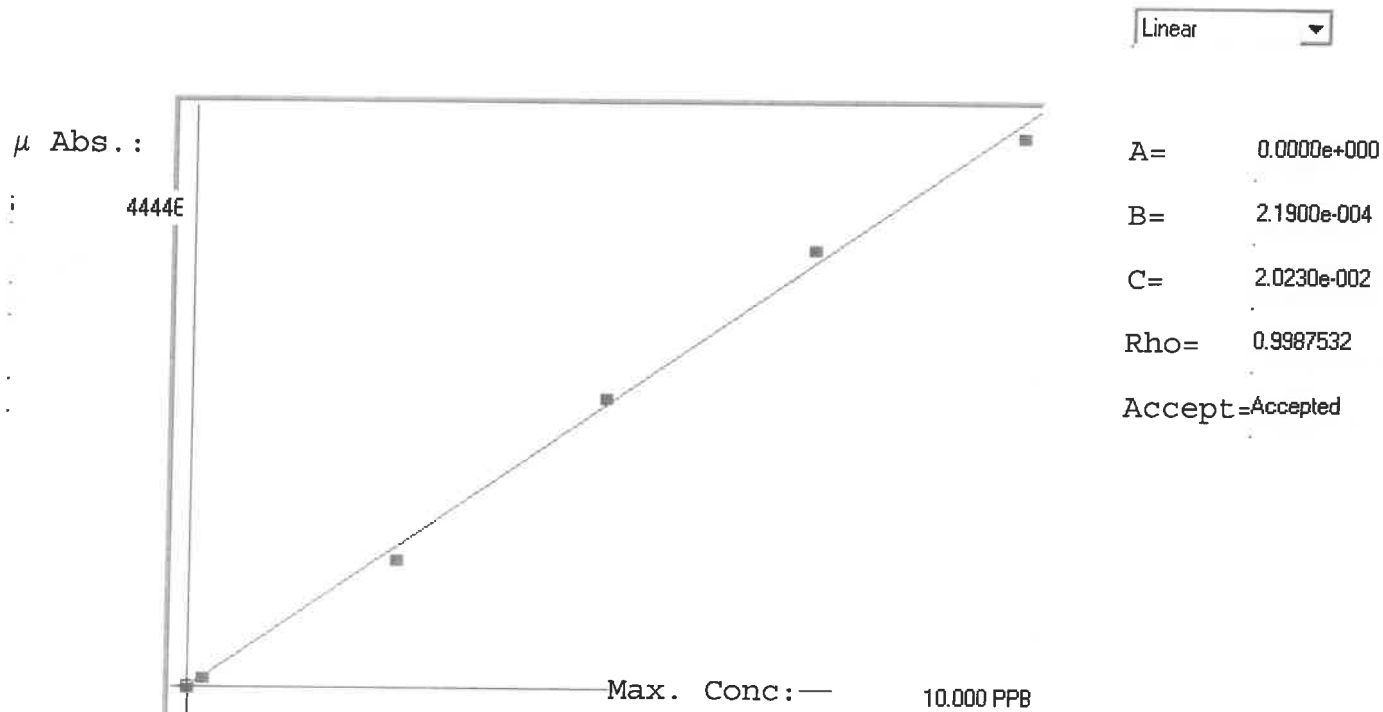
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		

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

LB133185

7471B

INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	0.023	0.023	11	0.000	11					1
0.2	0.200	0.215	0.015	889	0.0 %	889					2
2.5	2.500	2.285	-0.215	10342	0.0 %	10342					3
5.0	5.000	5.154	0.154	23440	0.0 %	23440					4
7.5	7.500	7.769	0.269	35384	0.0 %	35384					5
10.0	10.000	9.754	-0.246	44446	0.0 %	44446					2

LB133185 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 29 Oct 2024 10:07:32

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	11	-	0.0000	7471B	PPB	29 Oct 2024 10:10:33	S	Std
0.2 - 1	502	889	-	0.2000	7471B	PPB	29 Oct 2024 10:12:51	S	Std
2.5 - 1	52.5	10342	-	2.5000	7471B	PPB	29 Oct 2024 10:15:07	S	Std
5.0 - 1	35	23440	-	5.0000	7471B	PPB	29 Oct 2024 10:17:24	S	Std
7.5 - 1	37.5	35384	-	7.5000	7471B	PPB	29 Oct 2024 10:19:42	S	Std
10.0 - 1	500	44446	-	10.0000	7471B	PPB	29 Oct 2024 10:29:33	S	Std
ICV57 - 1	ICV57	18909	4.1614	-7471B	PPB	29 Oct 2024 10:32:20	U	SMPL	
ICB57 - 1	ICB57	-370	-0.0608	-7471B	PPB	29 Oct 2024 10:34:36	U	SMPL	
CCV86 - 1	CCV86	23331	5.1298	-7471B	PPB	29 Oct 2024 10:36:54	U	SMPL	
CCB86 - 1	CCB86	-414	-0.0704	-7471B	PPB	29 Oct 2024 10:39:08	U	SMPL	
CRA - 1	CRA	805	0.1965	-7471B	PPB	29 Oct 2024 10:41:26	U	SMPL	
HighStd - 1	HighStd	44910	9.8557	-7471B	PPB	29 Oct 2024 10:43:40	U	SMPL	
ChkStd - 1	ChkStd	32476	7.1326	-7471B	PPB	29 Oct 2024 10:45:55	U	SMPL	
PB164487BL - 1	PBS	-427	-0.0733	-7471B	PPB	29 Oct 2024 10:48:16	U	SMPL	
PB164487BS - 1	LCSS	15933	3.5096	-7471B	PPB	29 Oct 2024 10:50:37	U	SMPL	
P4574-01 - 1	GRAVEL-1	-55	0.0082	-7471B	PPB	29 Oct 2024 10:52:53	U	SMPL	
P4574-01DUP - 1	GRAVEL-1DUP	81	0.0380	-7471B	PPB	29 Oct 2024 10:55:14	U	SMPL	
P4574-01MS - 1	GRAVEL-1MS	18635	4.0795	-7471B	PPB	29 Oct 2024 10:57:31	U	SMPL	
P4574-01MSD - 1	GRAVEL-1MSD	18788	4.1349	-7471B	PPB	29 Oct 2024 10:59:48	U	SMPL	
P4574-04 - 1	GRAVEL-2	368	0.1008	-7471B	PPB	29 Oct 2024 11:02:05	U	SMPL	
CCV87 - 1	CCV87	23549	5.1776	-7471B	PPB	29 Oct 2024 11:04:23	U	SMPL	
CCB87 - 1	CCB87	-396	-0.0665	-7471B	PPB	29 Oct 2024 11:06:38	U	SMPL	
P4574-07 - 1	CONCRETE-1	59	0.0332	-7471B	PPB	29 Oct 2024 11:08:56	U	SMPL	
P4574-09 - 1	CONCRETE-2	-11	0.0178	-7471B	PPB	29 Oct 2024 11:11:12	U	SMPL	
P4574-11 - 1	CONCRETE-3	197	0.0634	-7471B	PPB	29 Oct 2024 11:13:27	U	SMPL	
P4575-01 - 1	PL-02-102424	9114	2.0162	-7471B	PPB	29 Oct 2024 11:15:42	U	SMPL	
P4577-01 - 1	TR-05-102524	4314	0.9650	-7471B	PPB	29 Oct 2024 11:17:58	U	SMPL	
P4578-03 - 1	WB-305-TOP	169263	37.0896	-7471B	PPB	29 Oct 2024 11:20:17	U	SMPL	
P4578-04 - 1	WB-305-TOP-1	133265	29.2058	-7471B	PPB	29 Oct 2024 11:22:36	U	SMPL	
P4578-05 - 1	WB-305-BOT	4440	0.9926	-7471B	PPB	29 Oct 2024 11:25:15	U	SMPL	
P4578-07 - 1	WB-305-BOT-1	2202	0.5025	-7471B	PPB	29 Oct 2024 11:27:53	U	SMPL	
P4594-01 - 1	TP-4	3	0.0209	-7471B	PPB	29 Oct 2024 11:30:10	U	SMPL	
CCV88 - 1	CCV88	24018	5.2803	-7471B	PPB	29 Oct 2024 11:32:27	U	SMPL	
CCB88 - 1	CCB88	-179	-0.0190	-7471B	PPB	29 Oct 2024 11:34:43	U	SMPL	
P4594-05 - 1	BP-F17	591	0.1497	-7471B	PPB	29 Oct 2024 11:37:01	U	SMPL	
P4594-09 - 1	BP-F16	594	0.1503	-7471B	PPB	29 Oct 2024 11:39:16	U	SMPL	
P4594-13 - 1	TP-5	23	0.0253	-7471B	PPB	29 Oct 2024 11:41:31	U	SMPL	
P4594-17 - 1	BP-F15	213	0.0669	-7471B	PPB	29 Oct 2024 11:43:47	U	SMPL	
P4595-01 - 1	PITKIN-COMP	12028	2.6544	-7471B	PPB	29 Oct 2024 11:46:02	U	SMPL	
P4574-01LX5 - 1		-281	-0.0413	-7471B	PPB	29 Oct 2024 11:48:18	U	SMPL	
P4574-01A - 1		17102	3.7656	-7471B	PPB	29 Oct 2024 11:50:37	U	SMPL	
P4578-03DLX10 - 1		17872	3.9343	-7471B	PPB	29 Oct 2024 11:52:53	U	SMPL	
P4578-04DLX10 - 1		11625	2.5662	-7471B	PPB	29 Oct 2024 11:55:13	U	SMPL	
CCV89 - 1	CCV89	23913	5.2573	-7471B	PPB	29 Oct 2024 11:57:31	U	SMPL	
CCB89 - 1	CCB89	-261	-0.0369	-7471B	PPB	29 Oct 2024 11:59:48	U	SMPL	

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

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 #3 2. N/A

Start Digest Date: 10/29/2024 Time : 11:30 Temp : 95 °C

End Digest Date: 10/29/2024 Time : 13:45 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6000
LFS-2	1.00	M6009
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
1:1 HNO3	10.00	MP81119
Conc. HNO3	5.00	M6103
30% H2O2	3.00	M5634
CONC: HCL	10.00	M6095
PTFE Boiling Stones	N/A	M5585
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 # 3 Cell # 35 Temp: 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/29/24 14:00	<i>[Signature]</i> Met dig	<i>[Signature]</i> Meta Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4594-01	TP-4	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	1
P4594-05	BP-F17	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	2
P4594-09	BP-F16	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	3
P4594-13	TP-5	N/A	2.38	100	Brown	Yellow	Medium	N/A	N/A	4
P4594-17	BP-F15	N/A	2.43	100	Brown	Yellow	Medium	N/A	N/A	5
P4595-01	PITKIN-COMP	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	6
P4597-01	RED-1-1	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	7
P4597-04	RED-1-2	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	8
P4597-07	BLUE-2-1	N/A	2.11	100	Brown	Yellow	Medium	N/A	N/A	9
P4597-10	BLUE-2-2	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	10
P4598-01	BP-F12	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	11
P4598-05	BP-F11	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	12
P4598-09	TP-8	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	13
P4598-09DUP	TP-8DUP	N/A	2.41	100	Brown	Yellow	Medium	N/A	N/A	14
P4598-09MS	TP-8MS	N/A	2.07	100	Brown	Yellow	Medium	N/A	M6000,M6009	15
P4598-09MSD	TP-8MSD	N/A	2.18	100	Brown	Yellow	Medium	N/A	M6000,M6009	16
PB164478TB	PB164478TB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PB164499BL	PBS499	N/A	2.02	100	Colorless	Colorless	Clear	N/A	N/A	17
PB164499BS	LCS499	N/A	2.02	100	Colorless	Colorless	Clear	N/A	M6000,M6009	18

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB164499

Worklist ID : 184901

Department : Digestion

Date : 10-29-2024 10:32:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4594-01	TP-4	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/26/2024	6010D
P4594-05	BP-F17	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/26/2024	6010D
P4594-09	BP-F16	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/26/2024	6010D
P4594-13	TP-5	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/26/2024	6010D
P4594-17	BP-F15	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/26/2024	6010D
P4595-01	PITKIN-COMP	Solid	Metals ICP-TAL	Cool 4 deg C	TULL02	K61	10/28/2024	6010D
P4597-01	RED-1-1	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/28/2024	6010D
P4597-04	RED-1-2	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/28/2024	6010D
P4597-07	BLUE-2-1	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/28/2024	6010D
P4597-10	BLUE-2-2	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/28/2024	6010D
P4598-01	BP-F12	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/25/2024	6010D
P4598-05	BP-F11	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/25/2024	6010D
P4598-09	TP-8	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	K63	10/25/2024	6010D

Date/Time

10/29/24 10:36

Raw Sample Received by:

Raw Sample Relinquished by:

889Cmet dis
for CDR

Date/Time

10/29/24 11:45

Raw Sample Received by:

Raw Sample Relinquished by:

2-C (SM)
889Cmet dis



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/29/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/28/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133172

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4594-01	TP-4	1	1.15	8.65	9.8	8.87	89.2	
P4594-02	TP-4-EPH	2	1.15	8.55	9.7	8.83	89.8	
P4594-03	TP-4-VOC	3	1.18	8.62	9.8	8.85	89.0	
P4594-05	BP-F17	4	1.14	8.85	9.99	9.02	89.0	
P4594-06	BP-F17-EPH	5	1.17	8.56	9.73	8.77	88.8	
P4594-07	BP-F17-VOC	6	1.19	8.73	9.92	8.98	89.2	
P4594-09	BP-F16	7	1.18	8.40	9.58	8.3	84.8	
P4594-10	BP-F16-EPH	8	1.12	8.70	9.82	8.68	86.9	
P4594-11	BP-F16-VOC	9	1.16	8.63	9.79	8.34	83.2	
P4594-13	TP-5	10	1.16	8.66	9.82	8.87	89.0	
P4594-14	TP-5-EPH	11	1.17	8.38	9.55	8.63	89.0	
P4594-15	TP-5-VOC	12	1.12	8.65	9.77	8.86	89.5	
P4594-17	BP-F15	13	1.19	8.58	9.77	8.84	89.2	
P4594-18	BP-F15-EPH	14	1.18	8.66	9.84	8.78	87.8	
P4594-19	BP-F15-VOC	15	1.12	8.77	9.89	8.81	87.7	
P4595-01	PITKIN-COMP	16	1.12	8.73	9.85	9.28	93.5	
P4595-03	PITKIN-THP2	17	1.15	8.69	9.84	9.36	94.5	
P4595-04	PITKIN-TPH3	18	1.17	8.80	9.97	9.4	93.5	
P4595-05	PITKIN-GRAB	19	1.15	8.37	9.52	9.16	95.7	
P4597-01	RED-1-1	20	1.15	8.44	9.59	8.61	88.4	
P4597-02	RED-1-1-E2	21	1.15	8.68	9.83	9.00	90.4	
P4597-04	RED-1-2	22	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4597-05	RED-1-2-E2	23	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4597-07	BLUE-2-1	24	1.16	8.69	9.85	8.58	85.4	
P4597-08	BLUE-2-1-E2	25	1.17	8.65	9.82	8.37	83.2	
P4597-10	BLUE-2-2	26	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4597-11	BLUE-2-2-E2	27	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4598-01	BP-F12	28	1.12	8.73	9.85	8.81	88.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/29/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/28/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133172

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
P4598-02	BP-F12-EPH	29	1.19	8.65	9.84	8.72	87.1	
P4598-03	BP-F12-VOC	30	1.15	8.82	9.97	8.63	84.8	
P4598-05	BP-F11	31	1.17	8.50	9.67	8.8	89.8	
P4598-06	BP-F11-EPH	32	1.15	8.81	9.96	9.16	90.9	
P4598-07	BP-F11-VOC	33	1.17	8.49	9.66	8.73	89.0	
P4598-09	TP-8	34	1.18	8.60	9.78	9.02	91.2	
P4598-10	TP-8-EPH	35	1.17	8.68	9.85	8.97	89.9	
P4598-11	TP-8-VOC	36	1.12	8.55	9.67	9.05	92.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

133142

WorkList Name : %1-102824 WorkList ID : 184850 Department : Wet-Chemistry Date : 10-28-2024 08:24:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4594-01	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-02	TP-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-03	TP-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-05	BP-F17	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-06	BP-F17-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-07	BP-F17-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-09	BP-F16	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-10	BP-F16-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-11	BP-F16-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-13	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-14	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-15	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-17	BP-F15	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-18	BP-F15-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4594-19	BP-F15-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/26/2024	Chemtech -SO
P4595-01	PITKIN-COMP	Solid	Percent Solids	Cool 4 deg C	TULL02	K61	10/28/2024	Chemtech -SO
P4595-03	PITKIN-THP2	Solid	Percent Solids	Cool 4 deg C	TULL02	K61	10/28/2024	Chemtech -SO
P4595-04	PITKIN-TPH3	Solid	Percent Solids	Cool 4 deg C	TULL02	K61	10/28/2024	Chemtech -SO
P4595-05	PITKIN-GRAB	Solid	Percent Solids	Cool 4 deg C	TULL02	K61	10/28/2024	Chemtech -SO
P4597-01	RED-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-02	RED-1-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO

Date/Time 10/26/24 15:35
 Raw Sample Received by: JG
 Raw Sample Relinquished by: JG
 Date/Time 10/26/24 17:20
 Raw Sample Received by: JG
 Raw Sample Relinquished by: JG

WORKLIST(Hardcopy Internal Chain)

133172

WorkList Name : %1-102824 WorkList ID : 184850 Department : Wet-Chemistry Date : 10-28-2024 08:24:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4597-04	RED-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-05	RED-1-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-07	BLUE-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-08	BLUE-2-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-10	BLUE-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4597-11	BLUE-2-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4598-01	BP-F12	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/28/2024	Chemtech -SO
P4598-02	BP-F12-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-03	BP-F12-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-05	BP-F11	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-06	BP-F11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-07	BP-F11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-09	TP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-10	TP-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4598-11	TP-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO

Date/Time 10/26/24 15435
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/26/24 17120
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133185

Review By	jaswal	Review On	10/30/2024 12:41:40 AM
Supervise By	mohan	Supervise On	10/30/2024 12:42:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP82944,MP82945,MP82946,MP82947,MP82948,MP82949
ICV Standard	MP82950
CCV Standard	MP82952
ICSA Standard	
CRI Standard	MP82954
LCS Standard	
Chk Standard	MP82951,MP82953,MP82955,MP82958

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/29/24 10:10		Mohan	OK
2	S0.2	S0.2	CAL2	10/29/24 10:12		Mohan	OK
3	S2.5	S2.5	CAL3	10/29/24 10:15		Mohan	OK
4	S5	S5	CAL4	10/29/24 10:17		Mohan	OK
5	S7.5	S7.5	CAL5	10/29/24 10:19		Mohan	OK
6	S10	S10	CAL6	10/29/24 10:29		Mohan	OK
7	ICV57	ICV57	ICV	10/29/24 10:32		Mohan	OK
8	ICB57	ICB57	ICB	10/29/24 10:34		Mohan	OK
9	CCV86	CCV86	CCV	10/29/24 10:36		Mohan	OK
10	CCB86	CCB86	CCB	10/29/24 10:39		Mohan	OK
11	CRA	CRA	CRDL	10/29/24 10:41		Mohan	OK
12	HighStd	HighStd	HIGH STD	10/29/24 10:43		Mohan	OK
13	ChkStd	ChkStd	SAM	10/29/24 10:45		Mohan	OK
14	PB164487BL	PB164487BL	MB	10/29/24 10:48		Mohan	OK
15	PB164487BS	PB164487BS	LCS	10/29/24 10:50		Mohan	OK
16	P4574-01	GRAVEL-1	SAM	10/29/24 10:52		Mohan	OK
17	P4574-01DUP	GRAVEL-1DUP	DUP	10/29/24 10:55		Mohan	OK
18	P4574-01MS	GRAVEL-1MS	MS	10/29/24 10:57		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133185

Review By	jaswal	Review On	10/30/2024 12:41:40 AM
Supervise By	mohan	Supervise On	10/30/2024 12:42:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82944,MP82945,MP82946,MP82947,MP82948,MP82949		
ICV Standard	MP82950		
CCV Standard	MP82952		
ICSA Standard			
CRI Standard	MP82954		
LCS Standard			
Chk Standard	MP82951,MP82953,MP82955,MP82958		

19	P4574-01MSD	GRAVEL-1MSD	MSD	10/29/24 10:59		Mohan	OK
20	P4574-04	GRAVEL-2	SAM	10/29/24 11:02		Mohan	OK
21	CCV87	CCV87	CCV	10/29/24 11:04		Mohan	OK
22	CCB87	CCB87	CCB	10/29/24 11:06		Mohan	OK
23	P4574-07	CONCRETE-1	SAM	10/29/24 11:08		Mohan	OK
24	P4574-09	CONCRETE-2	SAM	10/29/24 11:11		Mohan	OK
25	P4574-11	CONCRETE-3	SAM	10/29/24 11:13		Mohan	OK
26	P4575-01	PL-02-102424	SAM	10/29/24 11:15		Mohan	OK
27	P4577-01	TR-05-102524	SAM	10/29/24 11:17		Mohan	OK
28	P4578-03	WB-305-TOP	SAM	10/29/24 11:20	High	Mohan	Dilution
29	P4578-04	WB-305-TOP-1	SAM	10/29/24 11:22	High	Mohan	Dilution
30	P4578-05	WB-305-BOT	SAM	10/29/24 11:25		Mohan	OK
31	P4578-07	WB-305-BOT-1	SAM	10/29/24 11:27		Mohan	OK
32	P4594-01	TP-4	SAM	10/29/24 11:30		Mohan	OK
33	CCV88	CCV88	CCV	10/29/24 11:32		Mohan	OK
34	CCB88	CCB88	CCB	10/29/24 11:34		Mohan	OK
35	P4594-05	BP-F17	SAM	10/29/24 11:37		Mohan	OK
36	P4594-09	BP-F16	SAM	10/29/24 11:39		Mohan	OK
37	P4594-13	TP-5	SAM	10/29/24 11:41		Mohan	OK
38	P4594-17	BP-F15	SAM	10/29/24 11:43		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133185

Review By	jaswal	Review On	10/30/2024 12:41:40 AM
Supervise By	mohan	Supervise On	10/30/2024 12:42:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82944,MP82945,MP82946,MP82947,MP82948,MP82949		
ICV Standard	MP82950		
CCV Standard	MP82952		
ICSA Standard			
CRI Standard	MP82954		
LCS Standard			
Chk Standard	MP82951,MP82953,MP82955,MP82958		

39	P4595-01	PITKIN-COMP	SAM	10/29/24 11:46		Mohan	OK
40	P4574-01L	GRAVEL-1L	SD	10/29/24 11:48		Mohan	OK
41	P4574-01A	GRAVEL-1A	PS	10/29/24 11:50		Mohan	OK
42	P4578-03DL	WB-305-TOPDL	SAM	10/29/24 11:52	Report 10X	Mohan	Confirms
43	P4578-04DL	WB-305-TOP-1DL	SAM	10/29/24 11:55	Report 10X	Mohan	Confirms
44	CCV89	CCV89	CCV	10/29/24 11:57		Mohan	OK
45	CCB89	CCB89	CCB	10/29/24 11:59		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

Review By	kareem	Review On	11/6/2024 11:05:31 PM
Supervise By	mohan	Supervise On	11/7/2024 10:04:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084		
ICV Standard	MP83085		
CCV Standard	MP83088		
ICSA Standard	MP83086,MP83087		
CRI Standard	MP83084		
LCS Standard			
Chk Standard	MP83091,MP83092		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/30/24 16:34		Kareem	OK
2	S1	S1	CAL2	10/30/24 16:38		Kareem	OK
3	S2	S2	CAL3	10/30/24 16:42		Kareem	OK
4	S3	S3	CAL4	10/30/24 16:46		Kareem	OK
5	S4	S4	CAL5	10/30/24 16:51		Kareem	OK
6	S5	S5	CAL6	10/30/24 16:55		Kareem	OK
7	ICV01	ICV01	ICV	10/30/24 16:59		Kareem	OK
8	LLICV01	LLICV01	LLICV	10/30/24 17:03		Kareem	OK
9	ICB01	ICB01	ICB	10/30/24 17:07		Kareem	OK
10	CRI01	CRI01	CRDL	10/30/24 17:12		Kareem	OK
11	ICSA01	ICSA01	ICSA	10/30/24 17:16		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	10/30/24 17:27		Kareem	OK
13	CCV01	CCV01	CCV	10/30/24 17:33		Kareem	OK
14	CCB01	CCB01	CCB	10/30/24 17:37		Kareem	OK
15	P4596-07	TOTE-WATER-COMP	SAM	10/30/24 17:46		Kareem	OK
16	P4596-07DUP	TOTE-WATER-COMP	DUP	10/30/24 17:50		Kareem	OK
17	P4596-07L	TOTE-WATER-COMP	SD	10/30/24 17:54		Kareem	OK
18	P4596-07MS	TOTE-WATER-COMP	MS	10/30/24 17:59	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

Review By	kareem	Review On	11/6/2024 11:05:31 PM
Supervise By	mohan	Supervise On	11/7/2024 10:04:01 PM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

19	P4596-07MSD	TOTE-WATER-COMP	MSD	10/30/24 18:03	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
20	P4596-07A	TOTE-WATER-COMP	PS	10/30/24 18:07	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
21	P4594-04	TP-4	SAM	10/30/24 18:11		Kareem	OK
22	P4594-08	BP-F17	SAM	10/30/24 18:15		Kareem	OK
23	P4594-12	BP-F16	SAM	10/30/24 18:20		Kareem	OK
24	P4594-16	TP-5	SAM	10/30/24 18:24		Kareem	OK
25	CCV02	CCV02	CCV	10/30/24 18:29		Kareem	OK
26	CCB02	CCB02	CCB	10/30/24 18:33		Kareem	OK
27	P4594-20	BP-F15	SAM	10/30/24 18:39		Kareem	OK
28	P4595-02	PITKIN-COMP	SAM	10/30/24 18:43		Kareem	OK
29	P4597-03	RED-1-1	SAM	10/30/24 18:47		Kareem	OK
30	P4597-06	RED-1-2	SAM	10/30/24 18:52		Kareem	OK
31	P4597-09	BLUE-2-1	SAM	10/30/24 18:56		Kareem	OK
32	P4597-12	BLUE-2-2	SAM	10/30/24 19:01		Kareem	OK
33	P4598-04	BP-F12	SAM	10/30/24 19:05		Kareem	OK
34	P4598-08	BP-F11	SAM	10/30/24 19:10		Kareem	OK
35	P4598-12	TP-8	SAM	10/30/24 19:14		Kareem	OK
36	P4598-12DUP	TP-8DUP	DUP	10/30/24 19:19		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

Review By	kareem	Review On	11/6/2024 11:05:31 PM
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CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

37	CCV03	CCV03	CCV	10/30/24 19:23		Kareem	OK
38	CCB03	CCB03	CCB	10/30/24 19:27		Kareem	OK
39	P4598-12L	TP-8L	SD	10/30/24 19:32		Kareem	OK
40	P4598-12MS	TP-8MS	MS	10/30/24 19:36	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
41	P4598-12MSD	TP-8MSD	MSD	10/30/24 19:40	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
42	P4598-12A	TP-8A	PS	10/30/24 19:45	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
43	PB164478TB	PB164478TB	MB	10/30/24 19:49		Kareem	OK
44	PB164508BS	PB164508BS	LCS	10/30/24 19:57	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
45	PB164508BL	PB164508BL	MB	10/30/24 20:01		Kareem	OK
46	P4594-01	TP-4	SAM	10/30/24 20:06		Kareem	OK
47	P4594-05	BP-F17	SAM	10/30/24 20:10		Kareem	OK
48	P4594-09	BP-F16	SAM	10/30/24 20:14		Kareem	OK
49	CCV04	CCV04	CCV	10/30/24 20:18		Kareem	OK
50	CCB04	CCB04	CCB	10/30/24 20:23		Kareem	OK
51	P4594-13	TP-5	SAM	10/30/24 20:28		Kareem	OK
52	P4594-17	BP-F15	SAM	10/30/24 20:32		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

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CCV Standard	MP83088		
ICSA Standard	MP83086,MP83087		
CRI Standard	MP83084		
LCS Standard			
Chk Standard	MP83091,MP83092		

53	P4595-01	PITKIN-COMP	SAM	10/30/24 20:36		Kareem	OK
54	P4597-01	RED-1-1	SAM	10/30/24 20:40		Kareem	OK
55	P4597-04	RED-1-2	SAM	10/30/24 20:44		Kareem	OK
56	P4597-07	BLUE-2-1	SAM	10/30/24 20:49		Kareem	OK
57	P4597-10	BLUE-2-2	SAM	10/30/24 20:53		Kareem	OK
58	P4598-01	BP-F12	SAM	10/30/24 20:57		Kareem	OK
59	P4598-05	BP-F11	SAM	10/30/24 21:01		Kareem	OK
60	P4598-09	TP-8	SAM	10/30/24 21:06		Kareem	OK
61	CCV05	CCV05	CCV	10/30/24 21:10		Kareem	OK
62	CCB05	CCB05	CCB	10/30/24 21:14		Kareem	OK
63	P4598-09DUP	TP-8DUP	DUP	10/30/24 21:18		Kareem	OK
64	P4598-09L	TP-8L	SD	10/30/24 21:22		Kareem	OK
65	P4598-09MS	TP-8MS	MS	10/30/24 21:26	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
66	P4598-09MSD	TP-8MSD	MSD	10/30/24 21:30	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
67	P4598-09A	TP-8A	PS	10/30/24 21:34	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
68	P4598-09RE	TP-8RE	SAM	10/30/24 21:38	Not use	Kareem	Not Ok
69	PB164499BL	PB164499BL	MB	10/30/24 21:42		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

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CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

70	PB164499BS	PB164499BS	LCS	10/30/24 21:47	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
71	P4611-01	TP-1	SAM	10/30/24 21:51		Kareem	OK
72	P4611-04	TP-2	SAM	10/30/24 21:55		Kareem	OK
73	CCV06	CCV06	CCV	10/30/24 21:59		Kareem	OK
74	CCB06	CCB06	CCB	10/30/24 22:03		Kareem	OK
75	P4611-07	TP-3	SAM	10/30/24 22:11		Kareem	OK
76	P4611-10	TP-4	SAM	10/30/24 22:15		Kareem	OK
77	P4611-13	TP-5	SAM	10/30/24 22:19		Kareem	OK
78	P4611-16	TP-6	SAM	10/30/24 22:24		Kareem	OK
79	P4612-03	MOO-24-00335	SAM	10/30/24 22:28		Kareem	OK
80	P4612-05	CONCRETE-PAD	SAM	10/30/24 22:32		Kareem	OK
81	P4613-01	ARS20-0001	SAM	10/30/24 22:36		Kareem	OK
82	P4614-01	NB-07-102924	SAM	10/30/24 22:41		Kareem	OK
83	P4616-01	BP-F10	SAM	10/30/24 22:45		Kareem	OK
84	P4616-05	BP-F9-MOVED	SAM	10/30/24 22:49		Kareem	OK
85	CCV07	CCV07	CCV	10/30/24 22:53		Kareem	OK
86	CCB07	CCB07	CCB	10/30/24 22:58		Kareem	OK
87	P4617-01	RO-SOIL	SAM	10/30/24 23:03		Kareem	OK
88	P4617-01DUP	RO-SOILDUP	DUP	10/30/24 23:07		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133235

Review By	kareem	Review On	11/6/2024 11:05:31 PM
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ICV Standard	MP83085		
CCV Standard	MP83088		
ICSA Standard	MP83086,MP83087		
CRI Standard	MP83084		
LCS Standard			
Chk Standard	MP83091,MP83092		

89	P4617-01L	RO-SOILL	SD	10/30/24 23:11		Kareem	OK
90	P4617-01MS	RO-SOILMS	MS	10/30/24 23:15	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
91	P4617-01MSD	RO-SOILMSD	MSD	10/30/24 23:19	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
92	P4617-01A	RO-SOILA	PS	10/30/24 23:23	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
93	P4618-01	HR-01-102924	SAM	10/30/24 23:27		Kareem	OK
94	P4618-03	HR-04-102924	SAM	10/30/24 23:32		Kareem	OK
95	P4619-01	SU-03-102924	SAM	10/30/24 23:36		Kareem	OK
96	PB164523BL	PB164523BL	MB	10/30/24 23:40		Kareem	OK
97	CCV08	CCV08	CCV	10/30/24 23:44		Kareem	OK
98	CCB08	CCB08	CCB	10/30/24 23:48		Kareem	OK
99	LR1	LR1	HIGH STD	10/30/24 23:57		Kareem	OK
100	LR2	LR2	HIGH STD	10/31/24 00:02		Kareem	OK
101	PB164523BS	PB164523BS	LCS	10/31/24 00:09	0.1ml of m6010 and m6001 were added to 10ml of the sample	Kareem	OK
102	CCV09	CCV09	CCV	10/31/24 00:13		Kareem	OK
103	CCB09	CCB09	CCB	10/31/24 00:17		Kareem	OK



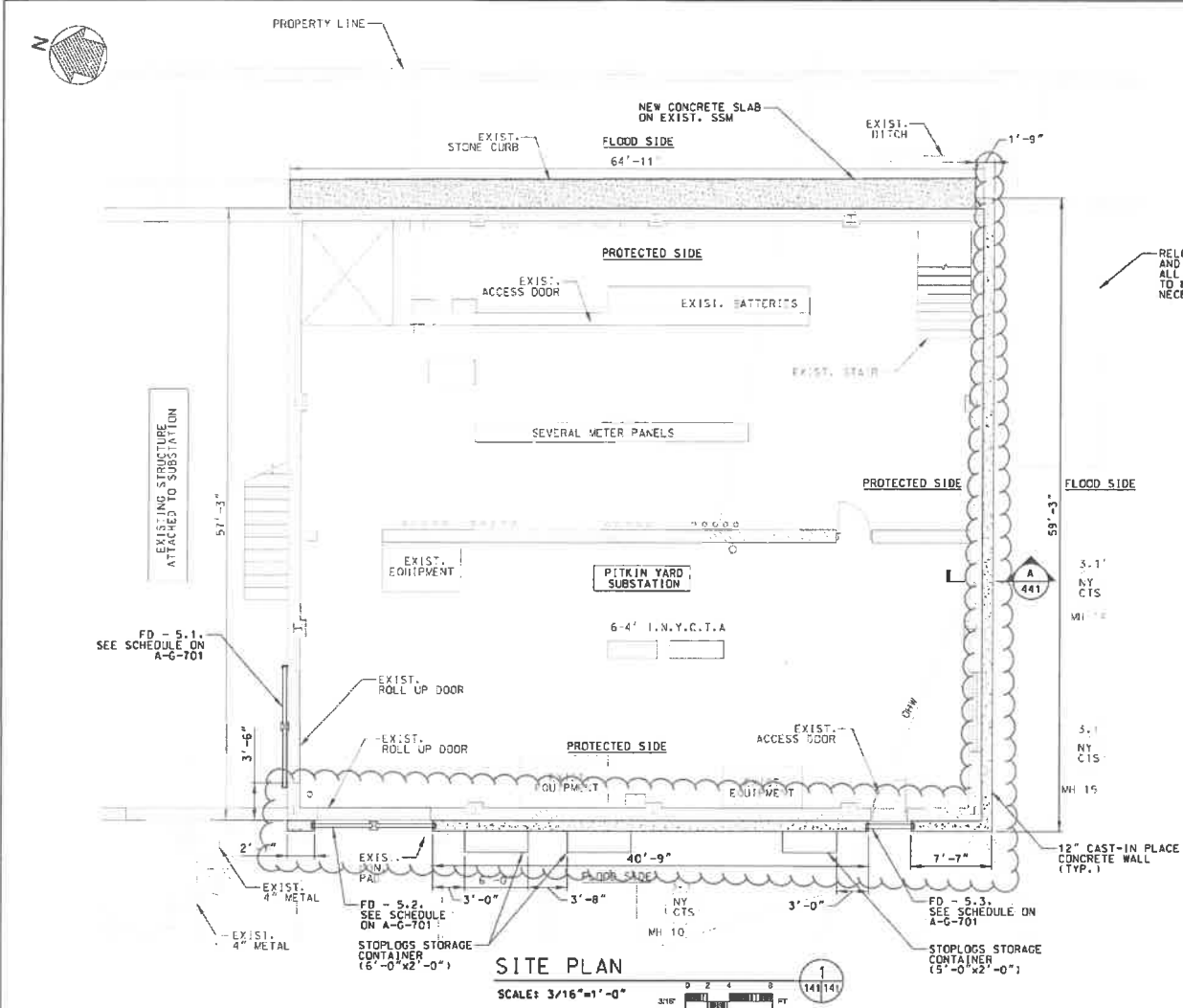
SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **P4595**
QUOTE NO.
COC Number **2041038**

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION										
COMPANY: PSEG TULLY				PROJECT NAME: Tully - Pitkin				BILL TO: PO#:										
ADDRESS: Eldert Ln & Blake Ave				PROJECT NO.: LOCATION:				ADDRESS:										
CITY BROOKLYN STATE: NJ ZIP:				PROJECT MANAGER:				CITY STATE: ZIP:										
ATTENTION:				e-mail:				ATTENTION: PHONE:										
PHONE:		FAX:		PHONE:		FAX:		ANALYSIS										
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION														
FAX (RUSH) _____ DAYS*				☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)				1 SVOC - PAH 2 TCLP Extraction 3 TCLP ICP Metals 4 TCLP Mercury 5 Corrosivity / Ammonia 6 Relative Cu / Sulfide 7 TAL Metals + Mercury 8 TPH 9 TCL VOC										
HARDCOPY (DATA PACKAGE): _____ DAYS*				☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP														
EDD: _____ DAYS*				☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B														
*TO BE APPROVED BY CHEMTECH				+ Raw Data) ☐ Other _____														
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS				☐ EDD FORMAT _____														
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION		PRESERVATIVES				COMMENTS						
					COMP	GRAB	DATE	TIME	# OF BOTTLES	E	E	E	E	E	E	E	E	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
1.		Pitkin - COMP		Soil	X		10-28-24	811	7	X	X	X	X	X	X	X	X	30.1 PP-7
2.		Pitkin - TPH2			X			816	1								X	
3.		Pitkin - TPH3			X			822	1								X	
4.		Pitkin - Grab				X		829	4								X	
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER:		DATE/TIME: 845		RECEIVED BY:		Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.5 °C												
1. JT		10-28-24		1.		Comments:												
RELINQUISHED BY SAMPLER:		DATE/TIME:		RECEIVED BY:														
2.				2.		PID calibrated 10-28-24												
RELINQUISHED BY SAMPLER:		DATE/TIME: 1200		RECEIVED BY:		Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other _____												
3. JT		10-28-24		3.		CHEMTECH: ☐ Picked Up ☐ Field Sampling Shipment Complete												
☐ YES ☐ NO																		



- GENERAL NOTES:
1. PROVIDE ARCHITECTURAL CONCRETE AND FINISH TREATMENTS FOR PERIMETER FLOOD WALL AS SHOWN ON THE PRELIMINARY DRAWINGS. CONCRETE SHALL HAVE VERTICAL REVEAL JOINTS AT 4 FEET ON CENTER.
 2. RESTORE SITE HARDSCAPING MATERIALS, FENCING AND PLANTINGS ADJACENT TO THE BUILDING AT AREAS FOR THE FLOOD WALL INSTALLATION.
 3. FLOOD DEVICE DETAILS SHOWN HERE ARE FOR REFERENCE ONLY. FLOOD DEVICE SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE PROVIDED BY THE MANUFACTURER IN ACCORDANCE WITH DESIGN DOCUMENTS FOR ENGINEER'S REVIEW.
 4. REFER TO P36343-A-G-701 FOR FLOOD DEVICE OPENING SCHEDULE.
 5. PREFORMED EXPANSION JOINT FILLER COMPLYING WITH ASTM D1752, TYPE-I (SPONGE RUBBER)
- BUILDING CODE NOTES:
1. ALL WORK HAS BE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE AND REFERENCED CODE, STANDARDS AND REGULATIONS.
 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF NEW YORK STATE, OSHA 1926, AND OSHA 1910.3
 3. EXISTING BUILDING CODE CLASSIFICATIONS:
3.1 OCCUPANCY: "U" UTILITY STRUCTURE
3.2 CONSTRUCTION: I/A
3.3 UNOCCUPIED
 4. BUILDING IS AN ELECTRICAL SUBSTATION AND IS UNOCCUPIED.
 5. ACCESSIBILITY - BUILDING IS EXEMPT FROM ACCESSIBILITY REQUIREMENT OF THE NYS BUILDING CODE PER SECTION BC 1103.2.4 UTILITY BUILDINGS AND BC 1103.2.9 EQUIPMENT SPACES.
 6. PROJECT WORK SCOPE - FLOOD MITIGATION ONLY.
6.1 NO CHANGE IN OCCUPANCY OR USE OF BUILDING.
6.2 NO CHANGE IN CONSTRUCTION TYPE.
6.3 NO CHANGE IN MEANS OF EGRESS FROM BUILDING.
 7. 2020 EXISTING BUILDING CODE OF NEW YORK STATE SHALL GOVERN WORK. METHOD OF COMPLIANCE SHALL BE CLASSIFICATION OF WORK:
7.1 ALTERATION LEVEL 1 - REPLACEMENT OF CONDUIT SEALANTS.
7.2 ALTERATION LEVEL 2 - CONCRETE FLOOD WALL AND FLOOD BARRIER DEVICES.

IT IS A VIOLATION OF THE PROFESSIONAL LICENSE LAW FOR ANY PERSON TO ALTER THIS DRAWING IN ANY WAY UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER/REGISTERED ARCHITECT. THE ALTERING ENGINEER/ARCHITECT SHALL DETAIL TO THE DRAWING HIS/HER SEAL AND THE MODIFICATION ALTERED BY FOLLOWED BY HIS/HER COUNTY, RE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISION	DESCRIPTION	DATE	APPROVED



CONTRACT P-36343
FLOOD MITIGATION AT TWENTY-SIX (26) SUBSTATIONS
IN THE BOROUGH OF BROOKLYN, MANHATTAN AND QUEENS

**PITKIN YARD SUBSTATION
SITE PLAN**



DRAWN BY	NA. DARBHA	<i>Darbha</i>	DATE:	12/08/2023
DESIGNED BY	E. DAWKINS, RA	<i>Evel Dawkins</i>	DISCIPLINE:	ARCHITECTURAL
CHECKED BY	L. ASH-HABIB	<i>Liliana Ashhab</i>	PROJECT NO.:	P36343-PIT-A-141
APPROVED BY	E. DAWKINS, RA	<i>Evel Dawkins</i>	REVISION	

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Tully - Pitkin

Chemtech Order ID: _____

Service Order #: _____

Sampler Name: JT

Work Order #: _____

Client Project Coordinator & Phone: _____

Labor WBS #: _____

Facility/Site: Mow Building

Page #: 1 of 1

Site Address: Eldert Lane &

Date: 10-28-24

Blake Ave, Brooklyn NJ

Arrive Time: 800

Depart Time: 845

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: NA

Dimensions/CY: NA

Temp (range): _____ °C

PID Readings (range): 30.1

PPM

Odor: Y / (N)

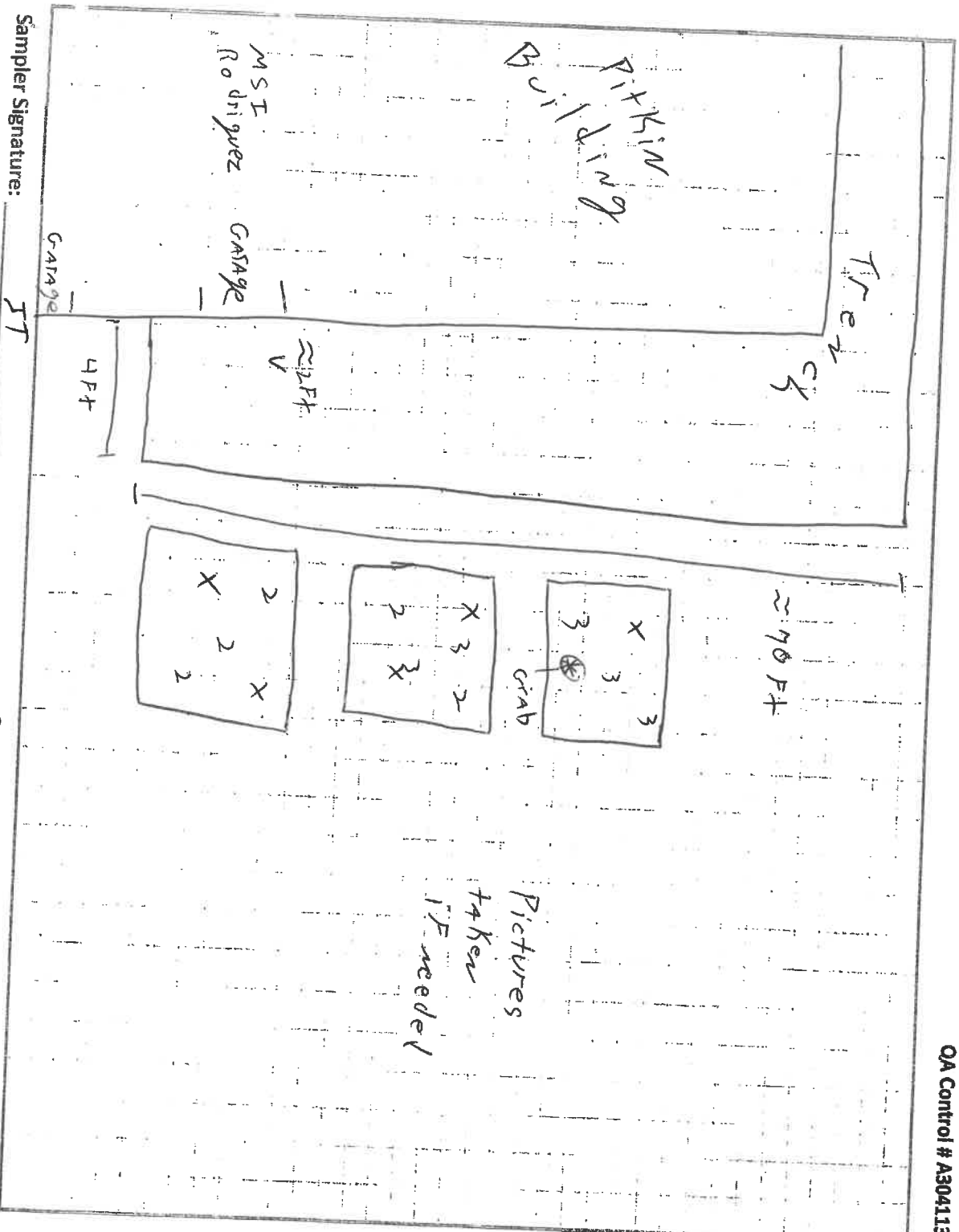
Color: Y / (N)

Sample Description: Brown soil, a little Rock

Field Observations: Sample taken from storage bags next to excavation

Grid/Area Composite Map:

QA Control # A304113



Sampler Signature: _____

Client Signature: _____

Supervisor Review/Date: _____

Date/Time Arrived at Lab: _____



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4595	TULL02	Order Date : 10/28/2024 11:31:00 AM	Project Mgr :
Client Name : Tully Construction Co., Inc.		Project Name : Liberty Ave & 76th St Pitkin Yard.	Report Type : Level 1
Client Contact : Dean Devoe		Receive DateTime : 10/28/2024 12:00:00 AM	EDD Type : Excel NY 375
Invoice Name : Tully Construction Co., Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Dean Devoe			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4595-05	PITKIN-GRAB	Solid	10/28/2024	08:29	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By : JT

Date / Time : 10-28-24 12:15

Received By : [Signature]

Date / Time : 10-28-24 12:15

Storage Area : VOA Refridgerator Room