

ANALYTICAL RESULTS SUMMARY

METALS

PROJECT NAME : R37106

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : Q3765

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3765

Project ID : R37106

Client : Tetra Tech, EMI

Lab Sample Number

Q3765-01
Q3765-02
Q3765-03
Q3765-04
Q3765-05
Q3765-06
Q3765-07
Q3765-08
Q3765-09
Q3765-10
Q3765-11
Q3765-12
Q3765-13
Q3765-14

Client Sample Number

MC0KF5
MC0KF7
MC0KF9
MC0KG0
MC0KG1
MC0KG1MS
MC0KG1MSD
MC0KG2
MC0KG3
MC0KG4
MC0KG5
MC0KG6
MC0KG7
MC0KG8

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:11 am, Dec 15, 2025

Date: 12/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R37106

Project Manager : Ava Heiss

Order ID # Q3765

Test Name: Metals ICP-TAL

A. Number of Samples and Date of Receipt:

14 Water samples were received on 12/03/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals ICP-TAL. This data package contains results for Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (MC0KG1MS) analysis met criteria for all compounds except for Beryllium, Cadmium, Silver and Thallium due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (MC0KG1MSD) analysis met criteria for all compounds except for Barium, Beryllium, Cadmium, Cobalt, Magnesium, Manganese, Potassium, Silver, Sodium and Thallium due to Chemical Interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The Post Digest Spike (MC0KG1A) analysis met criteria for all compounds except for Barium, Beryllium, Cadmium, Cobalt, Magnesium, Manganese, Potassium, Sodium and Thallium, due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of Spike.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:12 am, Dec 15, 2025

Signature_____

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 #: Q3765

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/15/2025

LAB CHRONICLE

OrderID:	Q3765	OrderDate:	12/3/2025 12:31:00 PM
Client:	Tetra Tech, EMI	Project:	R37106
Contact:	Ava Heiss	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3765-01	MC0KF5	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-02	MC0KF7	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-03	MC0KF9	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-04	MC0KG0	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-05	MC0KG1	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-08	MC0KG2	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-09	MC0KG3	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-10	MC0KG4	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-11	MC0KG5	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-12	MC0KG6	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-13	MC0KG7	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3765-14	MC0KG8	Water			12/01/25			12/03/25

LAB CHRONICLE

Metals ICP-TAL	6010D	12/05/25	12/09/25
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Hit Summary Sheet
SW-846

SDG No.: Q3765
Client: Tetra Tech, EMI

Order ID: Q3765
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KF5								
Q3765-01	MC0KF5	Water	Aluminum	25.7	J	5.67	50.0	ug/L
Q3765-01	MC0KF5	Water	Antimony	21.5	J	3.38	25.0	ug/L
Q3765-01	MC0KF5	Water	Barium	32.2	J	7.28	50.0	ug/L
Q3765-01	MC0KF5	Water	Cadmium	18.4		0.25	3.00	ug/L
Q3765-01	MC0KF5	Water	Calcium	48100		117	1000	ug/L
Q3765-01	MC0KF5	Water	Chromium	1.12	J	1.06	5.00	ug/L
Q3765-01	MC0KF5	Water	Copper	3.92	J	2.30	10.0	ug/L
Q3765-01	MC0KF5	Water	Iron	97.2		11.7	50.0	ug/L
Q3765-01	MC0KF5	Water	Lead	82.2		1.15	6.00	ug/L
Q3765-01	MC0KF5	Water	Magnesium	9120		122	1000	ug/L
Q3765-01	MC0KF5	Water	Manganese	42.7		2.97	10.0	ug/L
Q3765-01	MC0KF5	Water	Nickel	2.39	J	1.53	20.0	ug/L
Q3765-01	MC0KF5	Water	Potassium	1840		459	1000	ug/L
Q3765-01	MC0KF5	Water	Selenium	5.81	J	4.82	10.0	ug/L
Q3765-01	MC0KF5	Water	Sodium	10100		434	1000	ug/L
Q3765-01	MC0KF5	Water	Thallium	2.51	J	2.19	20.0	ug/L
Q3765-01	MC0KF5	Water	Zinc	47.3		8.33	20.0	ug/L
Q3765-01	MC0KF5	Water	Hardness, Total	158000		795	6620	ug/L
Client ID : MC0KF7								
Q3765-02	MC0KF7	Water	Aluminum	29.2	J	5.67	50.0	ug/L
Q3765-02	MC0KF7	Water	Antimony	47.9		3.38	25.0	ug/L
Q3765-02	MC0KF7	Water	Barium	24.6	J	7.28	50.0	ug/L
Q3765-02	MC0KF7	Water	Cadmium	41.5		0.25	3.00	ug/L
Q3765-02	MC0KF7	Water	Calcium	45800		117	1000	ug/L
Q3765-02	MC0KF7	Water	Chromium	1.10	J	1.06	5.00	ug/L
Q3765-02	MC0KF7	Water	Copper	9.74	J	2.30	10.0	ug/L
Q3765-02	MC0KF7	Water	Iron	213		11.7	50.0	ug/L
Q3765-02	MC0KF7	Water	Lead	186		1.15	6.00	ug/L
Q3765-02	MC0KF7	Water	Magnesium	8960		122	1000	ug/L
Q3765-02	MC0KF7	Water	Manganese	15.1		2.97	10.0	ug/L
Q3765-02	MC0KF7	Water	Nickel	4.62	J	1.53	20.0	ug/L
Q3765-02	MC0KF7	Water	Potassium	1760		459	1000	ug/L
Q3765-02	MC0KF7	Water	Selenium	23.4		4.82	10.0	ug/L
Q3765-02	MC0KF7	Water	Sodium	5050		434	1000	ug/L
Q3765-02	MC0KF7	Water	Zinc	60.7		8.33	20.0	ug/L
Q3765-02	MC0KF7	Water	Hardness, Total	151000		795	6620	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3765
Client: Tetra Tech, EMI

Order ID: Q3765
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KF9								
Q3765-03	MC0KF9	Water	Aluminum	15.2	J	5.67	50.0	ug/L
Q3765-03	MC0KF9	Water	Antimony	5.43	J	3.38	25.0	ug/L
Q3765-03	MC0KF9	Water	Barium	15.4	J	7.28	50.0	ug/L
Q3765-03	MC0KF9	Water	Calcium	63100		117	1000	ug/L
Q3765-03	MC0KF9	Water	Chromium	1.81	J	1.06	5.00	ug/L
Q3765-03	MC0KF9	Water	Lead	1.22	J	1.15	6.00	ug/L
Q3765-03	MC0KF9	Water	Magnesium	12200		122	1000	ug/L
Q3765-03	MC0KF9	Water	Manganese	4.89	J	2.97	10.0	ug/L
Q3765-03	MC0KF9	Water	Potassium	4330		459	1000	ug/L
Q3765-03	MC0KF9	Water	Sodium	10600		434	1000	ug/L
Q3765-03	MC0KF9	Water	Zinc	10.5	J	8.33	20.0	ug/L
Q3765-03	MC0KF9	Water	Hardness, Total	208000		795	6620	ug/L
Client ID : MC0KG0								
Q3765-04	MC0KG0	Water	Aluminum	74.1		5.67	50.0	ug/L
Q3765-04	MC0KG0	Water	Antimony	6.41	J	3.38	25.0	ug/L
Q3765-04	MC0KG0	Water	Arsenic	3.55	J	2.56	10.0	ug/L
Q3765-04	MC0KG0	Water	Barium	54.3		7.28	50.0	ug/L
Q3765-04	MC0KG0	Water	Cadmium	37.9		0.25	3.00	ug/L
Q3765-04	MC0KG0	Water	Calcium	11100		117	1000	ug/L
Q3765-04	MC0KG0	Water	Chromium	8.53		1.06	5.00	ug/L
Q3765-04	MC0KG0	Water	Copper	47.8		2.30	10.0	ug/L
Q3765-04	MC0KG0	Water	Iron	1930		11.7	50.0	ug/L
Q3765-04	MC0KG0	Water	Lead	7110		1.15	6.00	ug/L
Q3765-04	MC0KG0	Water	Magnesium	503	J	122	1000	ug/L
Q3765-04	MC0KG0	Water	Manganese	150		2.97	10.0	ug/L
Q3765-04	MC0KG0	Water	Nickel	24.2		1.53	20.0	ug/L
Q3765-04	MC0KG0	Water	Potassium	2320		459	1000	ug/L
Q3765-04	MC0KG0	Water	Sodium	1270		434	1000	ug/L
Q3765-04	MC0KG0	Water	Zinc	230		8.33	20.0	ug/L
Q3765-04	MC0KG0	Water	Hardness, Total	29800		795	6620	ug/L
Client ID : MC0KG1								
Q3765-05	MC0KG1	Water	Aluminum	150		5.67	50.0	ug/L
Q3765-05	MC0KG1	Water	Antimony	69.0		3.38	25.0	ug/L
Q3765-05	MC0KG1	Water	Arsenic	16.8		2.56	10.0	ug/L
Q3765-05	MC0KG1	Water	Barium	22.1	J	7.28	50.0	ug/L
Q3765-05	MC0KG1	Water	Cadmium	363		0.25	3.00	ug/L
Q3765-05	MC0KG1	Water	Calcium	6350		117	1000	ug/L
Q3765-05	MC0KG1	Water	Chromium	6.20		1.06	5.00	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3765 **Order ID:** Q3765
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3765-05	MC0KG1	Water	Copper	101		2.30	10.0	ug/L
Q3765-05	MC0KG1	Water	Iron	1350		11.7	50.0	ug/L
Q3765-05	MC0KG1	Water	Lead	9120		1.15	6.00	ug/L
Q3765-05	MC0KG1	Water	Magnesium	1420		122	1000	ug/L
Q3765-05	MC0KG1	Water	Manganese	57.0		2.97	10.0	ug/L
Q3765-05	MC0KG1	Water	Nickel	23.3		1.53	20.0	ug/L
Q3765-05	MC0KG1	Water	Potassium	1580		459	1000	ug/L
Q3765-05	MC0KG1	Water	Selenium	5.45	J	4.82	10.0	ug/L
Q3765-05	MC0KG1	Water	Sodium	1310		434	1000	ug/L
Q3765-05	MC0KG1	Water	Thallium	5.50	J	2.19	20.0	ug/L
Q3765-05	MC0KG1	Water	Zinc	421		8.33	20.0	ug/L
Q3765-05	MC0KG1	Water	Hardness, Total	21700		795	6620	ug/L

Client ID : MC0KG2

Q3765-08	MC0KG2	Water	Antimony	16.5	J	3.38	25.0	ug/L
Q3765-08	MC0KG2	Water	Arsenic	3.68	J	2.56	10.0	ug/L
Q3765-08	MC0KG2	Water	Barium	16.0	J	7.28	50.0	ug/L
Q3765-08	MC0KG2	Water	Cadmium	32.7		0.25	3.00	ug/L
Q3765-08	MC0KG2	Water	Calcium	14100		117	1000	ug/L
Q3765-08	MC0KG2	Water	Chromium	2.73	J	1.06	5.00	ug/L
Q3765-08	MC0KG2	Water	Cobalt	2.52	J	1.13	15.0	ug/L
Q3765-08	MC0KG2	Water	Copper	4.16	J	2.30	10.0	ug/L
Q3765-08	MC0KG2	Water	Iron	449		11.7	50.0	ug/L
Q3765-08	MC0KG2	Water	Lead	74.7		1.15	6.00	ug/L
Q3765-08	MC0KG2	Water	Magnesium	2090		122	1000	ug/L
Q3765-08	MC0KG2	Water	Manganese	855		2.97	10.0	ug/L
Q3765-08	MC0KG2	Water	Nickel	4.71	J	1.53	20.0	ug/L
Q3765-08	MC0KG2	Water	Potassium	2270		459	1000	ug/L
Q3765-08	MC0KG2	Water	Selenium	4.94	J	4.82	10.0	ug/L
Q3765-08	MC0KG2	Water	Sodium	2800		434	1000	ug/L
Q3765-08	MC0KG2	Water	Thallium	4.23	J	2.19	20.0	ug/L
Q3765-08	MC0KG2	Water	Zinc	168		8.33	20.0	ug/L
Q3765-08	MC0KG2	Water	Hardness, Total	43800		795	6620	ug/L

Client ID : MC0KG3

Q3765-09	MC0KG3	Water	Aluminum	2300		5.67	50.0	ug/L
Q3765-09	MC0KG3	Water	Antimony	15.4	J	3.38	25.0	ug/L
Q3765-09	MC0KG3	Water	Arsenic	12.8		2.56	10.0	ug/L
Q3765-09	MC0KG3	Water	Barium	26.2	J	7.28	50.0	ug/L
Q3765-09	MC0KG3	Water	Cadmium	32.9		0.25	3.00	ug/L
Q3765-09	MC0KG3	Water	Calcium	14000		117	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3765 **Order ID:** Q3765
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3765-09	MC0KG3	Water	Chromium	6.24		1.06	5.00	ug/L
Q3765-09	MC0KG3	Water	Cobalt	3.28	J	1.13	15.0	ug/L
Q3765-09	MC0KG3	Water	Copper	13.3		2.30	10.0	ug/L
Q3765-09	MC0KG3	Water	Iron	4300		11.7	50.0	ug/L
Q3765-09	MC0KG3	Water	Lead	2900		1.15	6.00	ug/L
Q3765-09	MC0KG3	Water	Magnesium	6870		122	1000	ug/L
Q3765-09	MC0KG3	Water	Manganese	67.6		2.97	10.0	ug/L
Q3765-09	MC0KG3	Water	Nickel	21.7		1.53	20.0	ug/L
Q3765-09	MC0KG3	Water	Potassium	2390		459	1000	ug/L
Q3765-09	MC0KG3	Water	Sodium	940	J	434	1000	ug/L
Q3765-09	MC0KG3	Water	Zinc	189		8.33	20.0	ug/L
Q3765-09	MC0KG3	Water	Hardness, Total	63200		795	6620	ug/L

Client ID : MC0KG4

Q3765-10	MC0KG4	Water	Aluminum	306		5.67	50.0	ug/L
Q3765-10	MC0KG4	Water	Antimony	32.2		3.38	25.0	ug/L
Q3765-10	MC0KG4	Water	Arsenic	12.7		2.56	10.0	ug/L
Q3765-10	MC0KG4	Water	Barium	55.2		7.28	50.0	ug/L
Q3765-10	MC0KG4	Water	Cadmium	6.05		0.25	3.00	ug/L
Q3765-10	MC0KG4	Water	Calcium	93500		117	1000	ug/L
Q3765-10	MC0KG4	Water	Chromium	4.15	J	1.06	5.00	ug/L
Q3765-10	MC0KG4	Water	Cobalt	1.61	J	1.13	15.0	ug/L
Q3765-10	MC0KG4	Water	Copper	45.5		2.30	10.0	ug/L
Q3765-10	MC0KG4	Water	Iron	1920		11.7	50.0	ug/L
Q3765-10	MC0KG4	Water	Lead	5800		1.15	6.00	ug/L
Q3765-10	MC0KG4	Water	Magnesium	17200		122	1000	ug/L
Q3765-10	MC0KG4	Water	Manganese	230		2.97	10.0	ug/L
Q3765-10	MC0KG4	Water	Nickel	6.55	J	1.53	20.0	ug/L
Q3765-10	MC0KG4	Water	Potassium	2650		459	1000	ug/L
Q3765-10	MC0KG4	Water	Sodium	20200		434	1000	ug/L
Q3765-10	MC0KG4	Water	Thallium	4.83	J	2.19	20.0	ug/L
Q3765-10	MC0KG4	Water	Zinc	129		8.33	20.0	ug/L
Q3765-10	MC0KG4	Water	Hardness, Total	304000		795	6620	ug/L

Client ID : MC0KG5

Q3765-11	MC0KG5	Water	Aluminum	17.1	J	5.67	50.0	ug/L
Q3765-11	MC0KG5	Water	Antimony	7.61	J	3.38	25.0	ug/L
Q3765-11	MC0KG5	Water	Barium	37.4	J	7.28	50.0	ug/L
Q3765-11	MC0KG5	Water	Calcium	77600		117	1000	ug/L
Q3765-11	MC0KG5	Water	Lead	45.9		1.15	6.00	ug/L
Q3765-11	MC0KG5	Water	Magnesium	15600		122	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3765 **Order ID:** Q3765
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3765-11	MC0KG5	Water	Potassium	2220		459	1000	ug/L
Q3765-11	MC0KG5	Water	Sodium	25800		434	1000	ug/L
Q3765-11	MC0KG5	Water	Thallium	3.93	J	2.19	20.0	ug/L
Q3765-11	MC0KG5	Water	Hardness, Total	258000		795	6620	ug/L

Client ID : MC0KG6

Q3765-12	MC0KG6	Water	Aluminum	14.0	J	5.67	50.0	ug/L
Q3765-12	MC0KG6	Water	Antimony	8.14	J	3.38	25.0	ug/L
Q3765-12	MC0KG6	Water	Barium	86.9		7.28	50.0	ug/L
Q3765-12	MC0KG6	Water	Calcium	77400		117	1000	ug/L
Q3765-12	MC0KG6	Water	Iron	108		11.7	50.0	ug/L
Q3765-12	MC0KG6	Water	Lead	22.8		1.15	6.00	ug/L
Q3765-12	MC0KG6	Water	Magnesium	18600		122	1000	ug/L
Q3765-12	MC0KG6	Water	Manganese	12.8		2.97	10.0	ug/L
Q3765-12	MC0KG6	Water	Potassium	5950		459	1000	ug/L
Q3765-12	MC0KG6	Water	Sodium	38200		434	1000	ug/L
Q3765-12	MC0KG6	Water	Zinc	16.2	J	8.33	20.0	ug/L
Q3765-12	MC0KG6	Water	Hardness, Total	270000		795	6620	ug/L

Client ID : MC0KG7

Q3765-13	MC0KG7	Water	Aluminum	15.0	J	5.67	50.0	ug/L
Q3765-13	MC0KG7	Water	Antimony	11.1	J	3.38	25.0	ug/L
Q3765-13	MC0KG7	Water	Barium	17.8	J	7.28	50.0	ug/L
Q3765-13	MC0KG7	Water	Cadmium	0.60	J	0.25	3.00	ug/L
Q3765-13	MC0KG7	Water	Calcium	13300		117	1000	ug/L
Q3765-13	MC0KG7	Water	Chromium	2.52	J	1.06	5.00	ug/L
Q3765-13	MC0KG7	Water	Copper	4.65	J	2.30	10.0	ug/L
Q3765-13	MC0KG7	Water	Iron	239		11.7	50.0	ug/L
Q3765-13	MC0KG7	Water	Lead	117		1.15	6.00	ug/L
Q3765-13	MC0KG7	Water	Magnesium	1280		122	1000	ug/L
Q3765-13	MC0KG7	Water	Manganese	7.92	J	2.97	10.0	ug/L
Q3765-13	MC0KG7	Water	Potassium	777	J	459	1000	ug/L
Q3765-13	MC0KG7	Water	Selenium	6.09	J	4.82	10.0	ug/L
Q3765-13	MC0KG7	Water	Zinc	13.6	J	8.33	20.0	ug/L
Q3765-13	MC0KG7	Water	Hardness, Total	38500		795	6620	ug/L

Client ID : MC0KG8

Q3765-14	MC0KG8	Water	Aluminum	17.3	J	5.67	50.0	ug/L
Q3765-14	MC0KG8	Water	Antimony	10.8	J	3.38	25.0	ug/L
Q3765-14	MC0KG8	Water	Barium	16.7	J	7.28	50.0	ug/L
Q3765-14	MC0KG8	Water	Cadmium	0.66	J	0.25	3.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3765 **Order ID:** Q3765
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3765-14	MC0KG8	Water	Calcium	12900		117	1000	ug/L
Q3765-14	MC0KG8	Water	Copper	4.88	J	2.30	10.0	ug/L
Q3765-14	MC0KG8	Water	Iron	245		11.7	50.0	ug/L
Q3765-14	MC0KG8	Water	Lead	118		1.15	6.00	ug/L
Q3765-14	MC0KG8	Water	Magnesium	1260		122	1000	ug/L
Q3765-14	MC0KG8	Water	Manganese	7.34	J	2.97	10.0	ug/L
Q3765-14	MC0KG8	Water	Potassium	768	J	459	1000	ug/L
Q3765-14	MC0KG8	Water	Thallium	3.71	J	2.19	20.0	ug/L
Q3765-14	MC0KG8	Water	Zinc	13.3	J	8.33	20.0	ug/L
Q3765-14	MC0KG8	Water	Hardness, Total	37400		795	6620	ug/L



SAMPLE DATA

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KF5
Lab Sample ID: Q3765-01
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	25.7	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-36-0	Antimony	21.5	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-39-3	Barium	32.2	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-43-9	Cadmium	18.4	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-70-2	Calcium	48100		1	117	1000	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-47-3	Chromium	1.12	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-50-8	Copper	3.92	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
Hardness	Hardness, Total	158000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7439-89-6	Iron	97.2		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7439-92-1	Lead	82.2		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7439-95-4	Magnesium	9120	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7439-96-5	Manganese	42.7	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-02-0	Nickel	2.39	J	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-09-7	Potassium	1840	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7782-49-2	Selenium	5.81	J	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-23-5	Sodium	10100	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-28-0	Thallium	2.51	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A
7440-66-6	Zinc	47.3		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 18:14	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KF7
Lab Sample ID: Q3765-02
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	29.2	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-36-0	Antimony	47.9		1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-39-3	Barium	24.6	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-43-9	Cadmium	41.5	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-70-2	Calcium	45800		1	117	1000	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-47-3	Chromium	1.10	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-50-8	Copper	9.74	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
Hardness	Hardness, Total	151000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7439-89-6	Iron	213		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7439-92-1	Lead	186		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7439-95-4	Magnesium	8960	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7439-96-5	Manganese	15.1	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-02-0	Nickel	4.62	J	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-09-7	Potassium	1760	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7782-49-2	Selenium	23.4		1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-23-5	Sodium	5050	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A
7440-66-6	Zinc	60.7		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 18:19	6010D	M3010A

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KF9
Lab Sample ID: Q3765-03
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15.2	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-36-0	Antimony	5.43	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-39-3	Barium	15.4	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-70-2	Calcium	63100		1	117	1000	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-47-3	Chromium	1.81	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
Hardness	Hardness, Total	208000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7439-92-1	Lead	1.22	J	1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7439-95-4	Magnesium	12200	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7439-96-5	Manganese	4.89	JN	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-09-7	Potassium	4330	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-23-5	Sodium	10600	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A
7440-66-6	Zinc	10.5	J	1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 18:23	6010D	M3010A

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG0
Lab Sample ID: Q3765-04
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	74.1		1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-36-0	Antimony	6.41	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-38-2	Arsenic	3.55	J	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-39-3	Barium	54.3	N	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-43-9	Cadmium	37.9	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-70-2	Calcium	11100		1	117	1000	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-47-3	Chromium	8.53		1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-50-8	Copper	47.8		1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
Hardness	Hardness, Total	29800		1	795	6620	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7439-89-6	Iron	1930		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7439-92-1	Lead	7110		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7439-95-4	Magnesium	503	JN	1	122	1000	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7439-96-5	Manganese	150	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-02-0	Nickel	24.2		1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-09-7	Potassium	2320	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-23-5	Sodium	1270	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A
7440-66-6	Zinc	230		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 18:27	6010D	M3010A

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N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG1
Lab Sample ID: Q3765-05
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	150		1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-36-0	Antimony	69.0		1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-38-2	Arsenic	16.8		1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-39-3	Barium	22.1	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-43-9	Cadmium	363	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-70-2	Calcium	6350		1	117	1000	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-47-3	Chromium	6.20		1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-50-8	Copper	101		1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
Hardness	Hardness, Total	21700		1	795	6620	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7439-89-6	Iron	1350		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7439-92-1	Lead	9120		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7439-95-4	Magnesium	1420	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7439-96-5	Manganese	57.0	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-02-0	Nickel	23.3		1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-09-7	Potassium	1580	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7782-49-2	Selenium	5.45	J	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-23-5	Sodium	1310	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-28-0	Thallium	5.50	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A
7440-66-6	Zinc	421		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 18:40	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG2
Lab Sample ID: Q3765-08
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5.67	U	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-36-0	Antimony	16.5	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-38-2	Arsenic	3.68	J	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-39-3	Barium	16.0	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-43-9	Cadmium	32.7	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-70-2	Calcium	14100		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-47-3	Chromium	2.73	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-48-4	Cobalt	2.52	JN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-50-8	Copper	4.16	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
Hardness	Hardness, Total	43800		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7439-89-6	Iron	449		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7439-92-1	Lead	74.7		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7439-95-4	Magnesium	2090	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7439-96-5	Manganese	855	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-02-0	Nickel	4.71	J	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-09-7	Potassium	2270	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7782-49-2	Selenium	4.94	J	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-23-5	Sodium	2800	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-28-0	Thallium	4.23	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A
7440-66-6	Zinc	168		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:05	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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J = Estimated Value

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG3
Lab Sample ID: Q3765-09
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2300		1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-36-0	Antimony	15.4	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-38-2	Arsenic	12.8		1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-39-3	Barium	26.2	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-43-9	Cadmium	32.9	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-70-2	Calcium	14000		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-47-3	Chromium	6.24		1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-48-4	Cobalt	3.28	JN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-50-8	Copper	13.3		1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
Hardness	Hardness, Total	63200		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7439-89-6	Iron	4300		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7439-92-1	Lead	2900		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7439-95-4	Magnesium	6870	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7439-96-5	Manganese	67.6	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-02-0	Nickel	21.7		1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-09-7	Potassium	2390	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-23-5	Sodium	940	JN	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A
7440-66-6	Zinc	189		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:09	6010D	M3010A

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LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG4
Lab Sample ID: Q3765-10
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	306		1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-36-0	Antimony	32.2		1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-38-2	Arsenic	12.7		1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-39-3	Barium	55.2	N	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-43-9	Cadmium	6.05	N	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-70-2	Calcium	93500		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-47-3	Chromium	4.15	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-48-4	Cobalt	1.61	JN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-50-8	Copper	45.5		1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
Hardness	Hardness, Total	304000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7439-89-6	Iron	1920		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7439-92-1	Lead	5800		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7439-95-4	Magnesium	17200	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7439-96-5	Manganese	230	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-02-0	Nickel	6.55	J	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-09-7	Potassium	2650	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-23-5	Sodium	20200	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-28-0	Thallium	4.83	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A
7440-66-6	Zinc	129		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:13	6010D	M3010A

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG5
Lab Sample ID: Q3765-11
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17.1	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-36-0	Antimony	7.61	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-39-3	Barium	37.4	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-70-2	Calcium	77600		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
Hardness	Hardness, Total	258000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7439-92-1	Lead	45.9		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7439-95-4	Magnesium	15600	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7439-96-5	Manganese	2.97	UN	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-09-7	Potassium	2220	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-23-5	Sodium	25800	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-28-0	Thallium	3.93	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:17	6010D	M3010A

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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG6
Lab Sample ID: Q3765-12
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14.0	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-36-0	Antimony	8.14	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-39-3	Barium	86.9	N	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-70-2	Calcium	77400		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
Hardness	Hardness, Total	270000		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7439-89-6	Iron	108		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7439-92-1	Lead	22.8		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7439-95-4	Magnesium	18600	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7439-96-5	Manganese	12.8	N	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-09-7	Potassium	5950	N	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-23-5	Sodium	38200	N	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A
7440-66-6	Zinc	16.2	J	1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:38	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG7
Lab Sample ID: Q3765-13
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15.0	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-36-0	Antimony	11.1	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-39-3	Barium	17.8	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-43-9	Cadmium	0.60	JN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-70-2	Calcium	13300		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-47-3	Chromium	2.52	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-50-8	Copper	4.65	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
Hardness	Hardness, Total	38500		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7439-89-6	Iron	239		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7439-92-1	Lead	117		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7439-95-4	Magnesium	1280	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7439-96-5	Manganese	7.92	JN	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-09-7	Potassium	777	JN	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7782-49-2	Selenium	6.09	J	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-23-5	Sodium	434	UN	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A
7440-66-6	Zinc	13.6	J	1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:43	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

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* = indicates the duplicate analysis is not within control limits.

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG8
Lab Sample ID: Q3765-14
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3765
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17.3	J	1	5.67	50.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-36-0	Antimony	10.8	J	1	3.38	25.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-39-3	Barium	16.7	JN	1	7.28	50.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-41-7	Beryllium	0.28	UN	1	0.28	3.00	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-43-9	Cadmium	0.66	JN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-70-2	Calcium	12900		1	117	1000	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-48-4	Cobalt	1.13	UN	1	1.13	15.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-50-8	Copper	4.88	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
Hardness	Hardness, Total	37400		1	795	6620	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7439-89-6	Iron	245		1	11.7	50.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7439-92-1	Lead	118		1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7439-95-4	Magnesium	1260	N	1	122	1000	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7439-96-5	Manganese	7.34	JN	1	2.97	10.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-09-7	Potassium	768	JN	1	459	1000	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-23-5	Sodium	434	UN	1	434	1000	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-28-0	Thallium	3.71	JN	1	2.19	20.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A
7440-66-6	Zinc	13.3	J	1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:47	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Antimony	3970	4000	99	90 - 110	P	12/09/2025	12:15	LB138174
	Arsenic	3860	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Barium	7460	8000	93	90 - 110	P	12/09/2025	12:15	LB138174
	Beryllium	189	200	94	90 - 110	P	12/09/2025	12:15	LB138174
	Cadmium	1900	2000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Calcium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Chromium	788	800	98	90 - 110	P	12/09/2025	12:15	LB138174
	Cobalt	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Copper	975	1000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Iron	3830	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Lead	3750	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Magnesium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Manganese	1870	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Nickel	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Potassium	19100	20000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Selenium	3930	4000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Silver	938	1000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Sodium	18500	20000	92	90 - 110	P	12/09/2025	12:15	LB138174
	Thallium	3760	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Vanadium	1930	2000	97	90 - 110	P	12/09/2025	12:15	LB138174
	Zinc	1980	2000	99	90 - 110	P	12/09/2025	12:15	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.7	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Antimony	55.1	50.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Arsenic	21.2	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Barium	99.5	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Beryllium	6.04	6.0	101	80 - 120	P	12/09/2025	12:19	LB138174
	Cadmium	5.98	6.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Calcium	2030	2000	102	80 - 120	P	12/09/2025	12:19	LB138174
	Chromium	10.0	10.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Cobalt	29.5	30.0	98	80 - 120	P	12/09/2025	12:19	LB138174
	Copper	21.1	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Iron	99.9	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Lead	10.6	12.0	88	80 - 120	P	12/09/2025	12:19	LB138174
	Magnesium	2100	2000	105	80 - 120	P	12/09/2025	12:19	LB138174
	Manganese	20.7	20.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Nickel	40.1	40.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Potassium	2050	2000	103	80 - 120	P	12/09/2025	12:19	LB138174
	Selenium	22.0	20.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Silver	10.4	10.0	104	80 - 120	P	12/09/2025	12:19	LB138174
	Sodium	2030	2000	101	80 - 120	P	12/09/2025	12:19	LB138174
	Thallium	43.8	40.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Vanadium	41.1	40.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Zinc	42.9	40.0	107	80 - 120	P	12/09/2025	12:19	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9680	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Antimony	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Arsenic	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Barium	9670	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Beryllium	237	250	95	90 - 110	P	12/09/2025	12:49	LB138174
	Cadmium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Chromium	990	1000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Copper	1230	1250	99	90 - 110	P	12/09/2025	12:49	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Lead	4870	5000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Manganese	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Potassium	25200	25000	101	90 - 110	P	12/09/2025	12:49	LB138174
	Selenium	4950	5000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Silver	1250	1250	100	90 - 110	P	12/09/2025	12:49	LB138174
	Sodium	25100	25000	100	90 - 110	P	12/09/2025	12:49	LB138174
	Thallium	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Vanadium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	12:49	LB138174
CCV02	Aluminum	9650	10000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Antimony	5030	5000	101	90 - 110	P	12/09/2025	13:41	LB138174
	Arsenic	5030	5000	100	90 - 110	P	12/09/2025	13:41	LB138174
	Barium	9370	10000	94	90 - 110	P	12/09/2025	13:41	LB138174
	Beryllium	235	250	94	90 - 110	P	12/09/2025	13:41	LB138174
	Cadmium	2440	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Chromium	981	1000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Cobalt	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	13:41	LB138174
	Iron	4830	5000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	13:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23800	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Manganese	2330	2500	93	90 - 110	P	12/09/2025	13:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Selenium	5090	5000	102	90 - 110	P	12/09/2025	13:41	LB138174
	Silver	1230	1250	99	90 - 110	P	12/09/2025	13:41	LB138174
	Sodium	24400	25000	97	90 - 110	P	12/09/2025	13:41	LB138174
	Thallium	5160	5000	103	90 - 110	P	12/09/2025	13:41	LB138174
	Vanadium	2390	2500	96	90 - 110	P	12/09/2025	13:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	13:41	LB138174
CCV03	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Antimony	5000	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Barium	9800	10000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Beryllium	226	250	90	90 - 110	P	12/09/2025	15:09	LB138174
	Cadmium	2410	2500	96	90 - 110	P	12/09/2025	15:09	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Chromium	953	1000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	15:09	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	15:09	LB138174
	Lead	4850	5000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Magnesium	23800	25000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Manganese	2450	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	15:09	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	15:09	LB138174
	Sodium	25800	25000	103	90 - 110	P	12/09/2025	15:09	LB138174
	Thallium	4790	5000	96	90 - 110	P	12/09/2025	15:09	LB138174
	Vanadium	2440	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Zinc	2410	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
CCV04	Aluminum	9320	10000	93	90 - 110	P	12/09/2025	16:00	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	16:00	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Barium	9210	10000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Beryllium	228	250	91	90 - 110	P	12/09/2025	16:00	LB138174
	Cadmium	2400	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Calcium	23100	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Chromium	993	1000	99	90 - 110	P	12/09/2025	16:00	LB138174
	Cobalt	2410	2500	97	90 - 110	P	12/09/2025	16:00	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:00	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Lead	4820	5000	96	90 - 110	P	12/09/2025	16:00	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Manganese	2300	2500	92	90 - 110	P	12/09/2025	16:00	LB138174
	Nickel	2410	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Silver	1260	1250	101	90 - 110	P	12/09/2025	16:00	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	16:00	LB138174
	Thallium	4920	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	16:00	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	16:00	LB138174
CCV05	Aluminum	9810	10000	98	90 - 110	P	12/09/2025	16:50	LB138174
	Antimony	4970	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Arsenic	4940	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Barium	9410	10000	94	90 - 110	P	12/09/2025	16:50	LB138174
	Beryllium	229	250	92	90 - 110	P	12/09/2025	16:50	LB138174
	Cadmium	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Chromium	987	1000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:50	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Manganese	2370	2500	95	90 - 110	P	12/09/2025	16:50	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Potassium	24700	25000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Selenium	5000	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	16:50	LB138174
	Sodium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Thallium	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Vanadium	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
	Zinc	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
CCV06	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Antimony	5010	5000	100	90 - 110	P	12/09/2025	17:41	LB138174
	Arsenic	4970	5000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Barium	9340	10000	93	90 - 110	P	12/09/2025	17:41	LB138174
	Beryllium	232	250	93	90 - 110	P	12/09/2025	17:41	LB138174
	Cadmium	2410	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Chromium	986	1000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	17:41	LB138174
	Iron	4900	5000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	17:41	LB138174
	Nickel	2420	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Selenium	5050	5000	101	90 - 110	P	12/09/2025	17:41	LB138174
	Silver	1240	1250	99	90 - 110	P	12/09/2025	17:41	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Thallium	4800	5000	96	90 - 110	P	12/09/2025	17:41	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	17:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	17:41	LB138174
CCV07	Aluminum	9570	10000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Antimony	4890	5000	98	90 - 110	P	12/09/2025	18:31	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	18:31	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	227	250	91	90 - 110	P	12/09/2025	18:31	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	18:31	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Chromium	951	1000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Iron	5080	5000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Magnesium	23500	25000	94	90 - 110	P	12/09/2025	18:31	LB138174
	Manganese	2410	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	18:31	LB138174
	Selenium	4870	5000	97	90 - 110	P	12/09/2025	18:31	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Thallium	4650	5000	93	90 - 110	P	12/09/2025	18:31	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	18:31	LB138174
CCV08	Aluminum	9450	10000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Antimony	4850	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Arsenic	4790	5000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Barium	9180	10000	92	90 - 110	P	12/09/2025	19:30	LB138174
	Beryllium	225	250	90	90 - 110	P	12/09/2025	19:30	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Calcium	23400	25000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Chromium	956	1000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Cobalt	2370	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Copper	1210	1250	97	90 - 110	P	12/09/2025	19:30	LB138174
	Iron	4910	5000	98	90 - 110	P	12/09/2025	19:30	LB138174
	Lead	4740	5000	95	90 - 110	P	12/09/2025	19:30	LB138174
	Magnesium	23300	25000	93	90 - 110	P	12/09/2025	19:30	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	19:30	LB138174
	Nickel	2360	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Potassium	24300	25000	97	90 - 110	P	12/09/2025	19:30	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4840	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Silver	1200	1250	96	90 - 110	P	12/09/2025	19:30	LB138174
	Sodium	24100	25000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Thallium	4690	5000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Zinc	2410	2500	96	90 - 110	P	12/09/2025	19:30	LB138174
CCV09	Aluminum	9360	10000	94	90 - 110	P	12/09/2025	20:37	LB138174
	Antimony	4880	5000	98	90 - 110	P	12/09/2025	20:37	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Barium	9610	10000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Beryllium	241	250	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	20:37	LB138174
	Chromium	962	1000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Iron	5130	5000	103	90 - 110	P	12/09/2025	20:37	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	20:37	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	20:37	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	20:37	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Selenium	4850	5000	97	90 - 110	P	12/09/2025	20:37	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Thallium	5060	5000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	20:37	LB138174
CCV10	Aluminum	9390	10000	94	90 - 110	P	12/09/2025	21:27	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Arsenic	4890	5000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Barium	9460	10000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Beryllium	239	250	96	90 - 110	P	12/09/2025	21:27	LB138174
	Cadmium	2360	2500	94	90 - 110	P	12/09/2025	21:27	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23100	25000	92	90 - 110	P	12/09/2025	21:27	LB138174
	Chromium	948	1000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	21:27	LB138174
	Iron	4950	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Magnesium	22900	25000	91	90 - 110	P	12/09/2025	21:27	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	21:27	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	21:27	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	21:27	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Thallium	5230	5000	105	90 - 110	P	12/09/2025	21:27	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	21:27	LB138174
	Zinc	2430	2500	97	90 - 110	P	12/09/2025	21:27	LB138174
CCV11	Aluminum	9410	10000	94	90 - 110	P	12/09/2025	22:17	LB138174
	Antimony	4930	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Arsenic	4850	5000	97	90 - 110	P	12/09/2025	22:17	LB138174
	Barium	9600	10000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Beryllium	248	250	99	90 - 110	P	12/09/2025	22:17	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	22:17	LB138174
	Chromium	963	1000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Cobalt	2400	2500	96	90 - 110	P	12/09/2025	22:17	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	22:17	LB138174
	Iron	4940	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	22:17	LB138174
	Magnesium	23000	25000	92	90 - 110	P	12/09/2025	22:17	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	22:17	LB138174
	Nickel	2390	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Potassium	24500	25000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	22:17	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24100	25000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Thallium	5240	5000	105	90 - 110	P	12/09/2025	22:17	LB138174
	Vanadium	2350	2500	94	90 - 110	P	12/09/2025	22:17	LB138174
	Zinc	2440	2500	97	90 - 110	P	12/09/2025	22:17	LB138174
CCV12	Aluminum	9590	10000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Antimony	4970	5000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Arsenic	4830	5000	97	90 - 110	P	12/09/2025	23:20	LB138174
	Barium	9960	10000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Beryllium	251	250	100	90 - 110	P	12/09/2025	23:20	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	23:20	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	23:20	LB138174
	Chromium	943	1000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Cobalt	2410	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	23:20	LB138174
	Iron	5040	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Lead	4790	5000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Magnesium	23400	25000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Manganese	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Nickel	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Potassium	25000	25000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	23:20	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:20	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	23:20	LB138174
	Thallium	5030	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Zinc	2470	2500	99	90 - 110	P	12/09/2025	23:20	LB138174
CCV13	Aluminum	9730	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Antimony	5110	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Arsenic	5020	5000	100	90 - 110	P	12/09/2025	23:41	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Beryllium	252	250	101	90 - 110	P	12/09/2025	23:41	LB138174
	Cadmium	2440	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Chromium	966	1000	97	90 - 110	P	12/09/2025	23:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV13	Cobalt	2470	2500	99	90 - 110	P	12/09/2025	23:41	LB138174
	Copper	1270	1250	102	90 - 110	P	12/09/2025	23:41	LB138174
	Iron	4960	5000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	23:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Manganese	2350	2500	94	90 - 110	P	12/09/2025	23:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	23:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Selenium	5120	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:41	LB138174
	Sodium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Thallium	5350	5000	107	90 - 110	P	12/09/2025	23:41	LB138174
	Vanadium	2420	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	23:41	LB138174

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7670	8000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Antimony	3920	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Arsenic	3860	4000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Barium	7640	8000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Beryllium	195	200	97	90 - 110	P	12/11/2025	11:30	LB138198
	Cadmium	1910	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Calcium	19300	20000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Chromium	797	800	100	90 - 110	P	12/11/2025	11:30	LB138198
	Cobalt	1940	2000	97	90 - 110	P	12/11/2025	11:30	LB138198
	Copper	994	1000	99	90 - 110	P	12/11/2025	11:30	LB138198
	Iron	3940	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Lead	3800	4000	95	90 - 110	P	12/11/2025	11:30	LB138198
	Magnesium	19300	20000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Manganese	1910	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Nickel	1950	2000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Potassium	19700	20000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Selenium	3900	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Silver	1010	1000	101	90 - 110	P	12/11/2025	11:30	LB138198
	Sodium	19100	20000	95	90 - 110	P	12/11/2025	11:30	LB138198
	Thallium	3940	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Vanadium	1930	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Zinc	2040	2000	102	90 - 110	P	12/11/2025	11:30	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	112	100	112	80 - 120	P	12/11/2025	11:41	LB138198
	Antimony	51.5	50.0	103	80 - 120	P	12/11/2025	11:41	LB138198
	Arsenic	19.7	20.0	98	80 - 120	P	12/11/2025	11:41	LB138198
	Barium	104	100	104	80 - 120	P	12/11/2025	11:41	LB138198
	Beryllium	6.49	6.0	108	80 - 120	P	12/11/2025	11:41	LB138198
	Cadmium	6.06	6.0	101	80 - 120	P	12/11/2025	11:41	LB138198
	Calcium	2100	2000	105	80 - 120	P	12/11/2025	11:41	LB138198
	Chromium	10.6	10.0	106	80 - 120	P	12/11/2025	11:41	LB138198
	Cobalt	30.7	30.0	102	80 - 120	P	12/11/2025	11:41	LB138198
	Copper	22.0	20.0	110	80 - 120	P	12/11/2025	11:41	LB138198
	Iron	112	100	112	80 - 120	P	12/11/2025	11:41	LB138198
	Lead	13.6	12.0	113	80 - 120	P	12/11/2025	11:41	LB138198
	Magnesium	2150	2000	107	80 - 120	P	12/11/2025	11:41	LB138198
	Manganese	21.7	20.0	108	80 - 120	P	12/11/2025	11:41	LB138198
	Nickel	42.0	40.0	105	80 - 120	P	12/11/2025	11:41	LB138198
	Potassium	2120	2000	106	80 - 120	P	12/11/2025	11:41	LB138198
	Selenium	21.2	20.0	106	80 - 120	P	12/11/2025	11:41	LB138198
	Silver	11.1	10.0	111	80 - 120	P	12/11/2025	11:41	LB138198
	Sodium	2070	2000	103	80 - 120	P	12/11/2025	11:41	LB138198
	Thallium	35.4	40.0	88	80 - 120	P	12/11/2025	11:41	LB138198
	Vanadium	40.4	40.0	101	80 - 120	P	12/11/2025	11:41	LB138198
	Zinc	44.5	40.0	111	80 - 120	P	12/11/2025	11:41	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Antimony	5050	5000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Arsenic	5000	5000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Barium	9950	10000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Beryllium	243	250	97	90 - 110	P	12/11/2025	12:14	LB138198
	Cadmium	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Calcium	25000	25000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Chromium	988	1000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Cobalt	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	12:14	LB138198
	Iron	4960	5000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Magnesium	25000	25000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Manganese	2470	2500	99	90 - 110	P	12/11/2025	12:14	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Potassium	24800	25000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Selenium	5030	5000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	12:14	LB138198
	Sodium	24200	25000	97	90 - 110	P	12/11/2025	12:14	LB138198
	Thallium	5140	5000	103	90 - 110	P	12/11/2025	12:14	LB138198
	Vanadium	2510	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Zinc	2540	2500	102	90 - 110	P	12/11/2025	12:14	LB138198
CCV02	Aluminum	10200	10000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Antimony	5070	5000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Arsenic	5060	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Barium	10400	10000	104	90 - 110	P	12/11/2025	13:04	LB138198
	Beryllium	255	250	102	90 - 110	P	12/11/2025	13:04	LB138198
	Cadmium	2480	2500	99	90 - 110	P	12/11/2025	13:04	LB138198
	Calcium	25400	25000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Chromium	1040	1000	104	90 - 110	P	12/11/2025	13:04	LB138198
	Cobalt	2490	2500	100	90 - 110	P	12/11/2025	13:04	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	13:04	LB138198
	Iron	5040	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	13:04	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25300	25000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Manganese	2580	2500	103	90 - 110	P	12/11/2025	13:04	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	13:04	LB138198
	Potassium	25200	25000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Selenium	5060	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Silver	1270	1250	102	90 - 110	P	12/11/2025	13:04	LB138198
	Sodium	25500	25000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Thallium	5350	5000	107	90 - 110	P	12/11/2025	13:04	LB138198
	Vanadium	2550	2500	102	90 - 110	P	12/11/2025	13:04	LB138198
	Zinc	2570	2500	103	90 - 110	P	12/11/2025	13:04	LB138198
CCV03	Aluminum	9670	10000	97	90 - 110	P	12/11/2025	13:55	LB138198
	Antimony	4890	5000	98	90 - 110	P	12/11/2025	13:55	LB138198
	Arsenic	4870	5000	98	90 - 110	P	12/11/2025	13:55	LB138198
	Barium	9540	10000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Beryllium	247	250	99	90 - 110	P	12/11/2025	13:55	LB138198
	Cadmium	2380	2500	95	90 - 110	P	12/11/2025	13:55	LB138198
	Calcium	23800	25000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Chromium	958	1000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Cobalt	2380	2500	95	90 - 110	P	12/11/2025	13:55	LB138198
	Copper	1220	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Iron	4590	5000	92	90 - 110	P	12/11/2025	13:55	LB138198
	Lead	4790	5000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Magnesium	23800	25000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Manganese	2360	2500	94	90 - 110	P	12/11/2025	13:55	LB138198
	Nickel	2390	2500	96	90 - 110	P	12/11/2025	13:55	LB138198
	Potassium	23300	25000	93	90 - 110	P	12/11/2025	13:55	LB138198
	Selenium	4940	5000	99	90 - 110	P	12/11/2025	13:55	LB138198
	Silver	1210	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Sodium	23200	25000	93	90 - 110	P	12/11/2025	13:55	LB138198
	Thallium	5070	5000	101	90 - 110	P	12/11/2025	13:55	LB138198
	Vanadium	2390	2500	96	90 - 110	P	12/11/2025	13:55	LB138198
	Zinc	2450	2500	98	90 - 110	P	12/11/2025	13:55	LB138198
CCV04	Aluminum	9980	10000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Antimony	5090	5000	102	90 - 110	P	12/11/2025	14:59	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5030	5000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Barium	10300	10000	103	90 - 110	P	12/11/2025	14:59	LB138198
	Beryllium	242	250	97	90 - 110	P	12/11/2025	14:59	LB138198
	Cadmium	2440	2500	98	90 - 110	P	12/11/2025	14:59	LB138198
	Calcium	25000	25000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	14:59	LB138198
	Cobalt	2460	2500	98	90 - 110	P	12/11/2025	14:59	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Iron	5200	5000	104	90 - 110	P	12/11/2025	14:59	LB138198
	Lead	4940	5000	99	90 - 110	P	12/11/2025	14:59	LB138198
	Magnesium	24600	25000	98	90 - 110	P	12/11/2025	14:59	LB138198
	Manganese	2570	2500	103	90 - 110	P	12/11/2025	14:59	LB138198
	Nickel	2470	2500	99	90 - 110	P	12/11/2025	14:59	LB138198
	Potassium	25700	25000	103	90 - 110	P	12/11/2025	14:59	LB138198
	Selenium	5030	5000	101	90 - 110	P	12/11/2025	14:59	LB138198
	Silver	1250	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Sodium	26500	25000	106	90 - 110	P	12/11/2025	14:59	LB138198
	Thallium	4740	5000	95	90 - 110	P	12/11/2025	14:59	LB138198
	Vanadium	2520	2500	101	90 - 110	P	12/11/2025	14:59	LB138198
	Zinc	2530	2500	101	90 - 110	P	12/11/2025	14:59	LB138198
CCV05	Aluminum	9820	10000	98	90 - 110	P	12/11/2025	15:50	LB138198
	Antimony	5060	5000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Arsenic	5020	5000	100	90 - 110	P	12/11/2025	15:50	LB138198
	Barium	9770	10000	98	90 - 110	P	12/11/2025	15:50	LB138198
	Beryllium	236	250	94	90 - 110	P	12/11/2025	15:50	LB138198
	Cadmium	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Calcium	24300	25000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Chromium	968	1000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Cobalt	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	15:50	LB138198
	Iron	5050	5000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Lead	4930	5000	99	90 - 110	P	12/11/2025	15:50	LB138198
	Magnesium	24200	25000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Manganese	2400	2500	96	90 - 110	P	12/11/2025	15:50	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Potassium	25200	25000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Selenium	5090	5000	102	90 - 110	P	12/11/2025	15:50	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	15:50	LB138198
	Sodium	24700	25000	99	90 - 110	P	12/11/2025	15:50	LB138198
	Thallium	4800	5000	96	90 - 110	P	12/11/2025	15:50	LB138198
	Vanadium	2450	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Zinc	2490	2500	100	90 - 110	P	12/11/2025	15:50	LB138198
CCV06	Aluminum	10100	10000	101	90 - 110	P	12/11/2025	16:40	LB138198
	Antimony	5010	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Arsenic	4990	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Barium	10400	10000	104	90 - 110	P	12/11/2025	16:40	LB138198
	Beryllium	249	250	99	90 - 110	P	12/11/2025	16:40	LB138198
	Cadmium	2430	2500	97	90 - 110	P	12/11/2025	16:40	LB138198
	Calcium	24900	25000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	16:40	LB138198
	Cobalt	2450	2500	98	90 - 110	P	12/11/2025	16:40	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	16:40	LB138198
	Iron	5030	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Lead	4880	5000	98	90 - 110	P	12/11/2025	16:40	LB138198
	Magnesium	24500	25000	98	90 - 110	P	12/11/2025	16:40	LB138198
	Manganese	2530	2500	101	90 - 110	P	12/11/2025	16:40	LB138198
	Nickel	2450	2500	98	90 - 110	P	12/11/2025	16:40	LB138198
	Potassium	25000	25000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Selenium	4950	5000	99	90 - 110	P	12/11/2025	16:40	LB138198
	Silver	1260	1250	101	90 - 110	P	12/11/2025	16:40	LB138198
	Sodium	25600	25000	102	90 - 110	P	12/11/2025	16:40	LB138198
	Thallium	4660	5000	93	90 - 110	P	12/11/2025	16:40	LB138198
	Vanadium	2500	2500	100	90 - 110	P	12/11/2025	16:40	LB138198
	Zinc	2510	2500	100	90 - 110	P	12/11/2025	16:40	LB138198
CCV07	Aluminum	9680	10000	97	90 - 110	P	12/11/2025	17:53	LB138198
	Antimony	4780	5000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Arsenic	4800	5000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Barium	9980	10000	100	90 - 110	P	12/11/2025	17:53	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	95	90 - 110	P	12/11/2025	17:53	LB138198
	Cadmium	2360	2500	94	90 - 110	P	12/11/2025	17:53	LB138198
	Calcium	24400	25000	98	90 - 110	P	12/11/2025	17:53	LB138198
	Chromium	969	1000	97	90 - 110	P	12/11/2025	17:53	LB138198
	Cobalt	2350	2500	94	90 - 110	P	12/11/2025	17:53	LB138198
	Copper	1200	1250	96	90 - 110	P	12/11/2025	17:53	LB138198
	Iron	4600	5000	92	90 - 110	P	12/11/2025	17:53	LB138198
	Lead	4680	5000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Magnesium	23900	25000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Manganese	2430	2500	97	90 - 110	P	12/11/2025	17:53	LB138198
	Nickel	2330	2500	93	90 - 110	P	12/11/2025	17:53	LB138198
	Potassium	23500	25000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Selenium	4750	5000	95	90 - 110	P	12/11/2025	17:53	LB138198
	Silver	1180	1250	95	90 - 110	P	12/11/2025	17:53	LB138198
	Sodium	23400	25000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Thallium	4600	5000	92	90 - 110	P	12/11/2025	17:53	LB138198
	Vanadium	2440	2500	98	90 - 110	P	12/11/2025	17:53	LB138198
	Zinc	2430	2500	97	90 - 110	P	12/11/2025	17:53	LB138198
CCV08	Aluminum	9550	10000	96	90 - 110	P	12/11/2025	18:48	LB138198
	Antimony	4740	5000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Arsenic	4800	5000	96	90 - 110	P	12/11/2025	18:48	LB138198
	Barium	9680	10000	97	90 - 110	P	12/11/2025	18:48	LB138198
	Beryllium	244	250	97	90 - 110	P	12/11/2025	18:48	LB138198
	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	18:48	LB138198
	Calcium	23800	25000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Chromium	946	1000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Cobalt	2330	2500	93	90 - 110	P	12/11/2025	18:48	LB138198
	Copper	1190	1250	95	90 - 110	P	12/11/2025	18:48	LB138198
	Iron	4840	5000	97	90 - 110	P	12/11/2025	18:48	LB138198
	Lead	5040	5000	101	90 - 110	P	12/11/2025	18:48	LB138198
	Magnesium	23500	25000	94	90 - 110	P	12/11/2025	18:48	LB138198
	Manganese	2360	2500	95	90 - 110	P	12/11/2025	18:48	LB138198
	Nickel	2590	2500	104	90 - 110	P	12/11/2025	18:48	LB138198
	Potassium	23100	25000	92	90 - 110	P	12/11/2025	18:48	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4760	5000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Silver	1180	1250	94	90 - 110	P	12/11/2025	18:48	LB138198
	Sodium	26800	25000	107	90 - 110	P	12/11/2025	18:48	LB138198
	Thallium	4880	5000	98	90 - 110	P	12/11/2025	18:48	LB138198
	Vanadium	2400	2500	96	90 - 110	P	12/11/2025	18:48	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	18:48	LB138198
CCV09	Aluminum	9330	10000	93	90 - 110	P	12/11/2025	19:41	LB138198
	Antimony	4630	5000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Arsenic	4680	5000	94	90 - 110	P	12/11/2025	19:41	LB138198
	Barium	9790	10000	98	90 - 110	P	12/11/2025	19:41	LB138198
	Beryllium	239	250	95	90 - 110	P	12/11/2025	19:41	LB138198
	Cadmium	2290	2500	92	90 - 110	P	12/11/2025	19:41	LB138198
	Calcium	23600	25000	94	90 - 110	P	12/11/2025	19:41	LB138198
	Chromium	951	1000	95	90 - 110	P	12/11/2025	19:41	LB138198
	Cobalt	2280	2500	91	90 - 110	P	12/11/2025	19:41	LB138198
	Copper	1150	1250	92	90 - 110	P	12/11/2025	19:41	LB138198
	Iron	4780	5000	96	90 - 110	P	12/11/2025	19:41	LB138198
	Lead	4930	5000	98	90 - 110	P	12/11/2025	19:41	LB138198
	Magnesium	23100	25000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Manganese	2380	2500	95	90 - 110	P	12/11/2025	19:41	LB138198
	Nickel	2530	2500	101	90 - 110	P	12/11/2025	19:41	LB138198
	Potassium	22700	25000	91	90 - 110	P	12/11/2025	19:41	LB138198
	Selenium	4600	5000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Silver	1140	1250	91	90 - 110	P	12/11/2025	19:41	LB138198
	Sodium	27400	25000	110	90 - 110	P	12/11/2025	19:41	LB138198
	Thallium	4800	5000	96	90 - 110	P	12/11/2025	19:41	LB138198
	Vanadium	2360	2500	94	90 - 110	P	12/11/2025	19:41	LB138198
	Zinc	2350	2500	94	90 - 110	P	12/11/2025	19:41	LB138198
CCV10	Aluminum	9150	10000	92	90 - 110	P	12/11/2025	20:33	LB138198
	Antimony	4750	5000	95	90 - 110	P	12/11/2025	20:33	LB138198
	Arsenic	4830	5000	97	90 - 110	P	12/11/2025	20:33	LB138198
	Barium	9290	10000	93	90 - 110	P	12/11/2025	20:33	LB138198
	Beryllium	231	250	92	90 - 110	P	12/11/2025	20:33	LB138198
	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	20:33	LB138198

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3765
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23000	25000	92	90 - 110	P	12/11/2025	20:33	LB138198
	Chromium	931	1000	93	90 - 110	P	12/11/2025	20:33	LB138198
	Cobalt	2330	2500	93	90 - 110	P	12/11/2025	20:33	LB138198
	Copper	1180	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Iron	4930	5000	99	90 - 110	P	12/11/2025	20:33	LB138198
	Lead	5010	5000	100	90 - 110	P	12/11/2025	20:33	LB138198
	Magnesium	22600	25000	91	90 - 110	P	12/11/2025	20:33	LB138198
	Manganese	2260	2500	90	90 - 110	P	12/11/2025	20:33	LB138198
	Nickel	2580	2500	103	90 - 110	P	12/11/2025	20:33	LB138198
	Potassium	23500	25000	94	90 - 110	P	12/11/2025	20:33	LB138198
	Selenium	4820	5000	96	90 - 110	P	12/11/2025	20:33	LB138198
	Silver	1170	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Sodium	27400	25000	110	90 - 110	P	12/11/2025	20:33	LB138198
	Thallium	4940	5000	99	90 - 110	P	12/11/2025	20:33	LB138198
	Vanadium	2320	2500	93	90 - 110	P	12/11/2025	20:33	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	20:33	LB138198
CCV11	Aluminum	9200	10000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Antimony	4540	5000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Arsenic	4600	5000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Barium	9320	10000	93	90 - 110	P	12/11/2025	20:55	LB138198
	Beryllium	232	250	93	90 - 110	P	12/11/2025	20:55	LB138198
	Cadmium	2270	2500	91	90 - 110	P	12/11/2025	20:55	LB138198
	Calcium	23100	25000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Chromium	913	1000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Cobalt	2250	2500	90	90 - 110	P	12/11/2025	20:55	LB138198
	Copper	1140	1250	91	90 - 110	P	12/11/2025	20:55	LB138198
	Iron	4740	5000	95	90 - 110	P	12/11/2025	20:55	LB138198
	Lead	4830	5000	96	90 - 110	P	12/11/2025	20:55	LB138198
	Magnesium	22600	25000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Manganese	2250	2500	90	90 - 110	P	12/11/2025	20:55	LB138198
	Nickel	2500	2500	100	90 - 110	P	12/11/2025	20:55	LB138198
	Potassium	22700	25000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Selenium	4520	5000	90	90 - 110	P	12/11/2025	20:55	LB138198
	Silver	1130	1250	91	90 - 110	P	12/11/2025	20:55	LB138198

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	26300	25000	105	90 - 110	P	12/11/2025	20:55	LB138198
	Thallium	4560	5000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Vanadium	2320	2500	93	90 - 110	P	12/11/2025	20:55	LB138198
	Zinc	2330	2500	93	90 - 110	P	12/11/2025	20:55	LB138198

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	104	100	104	65 - 135	P	12/09/2025	12:28	LB138174
	Antimony	54.0	50.0	108	65 - 135	P	12/09/2025	12:28	LB138174
	Arsenic	19.1	20.0	96	65 - 135	P	12/09/2025	12:28	LB138174
	Barium	96.1	100	96	65 - 135	P	12/09/2025	12:28	LB138174
	Beryllium	6.05	6.0	101	65 - 135	P	12/09/2025	12:28	LB138174
	Cadmium	5.84	6.0	97	65 - 135	P	12/09/2025	12:28	LB138174
	Calcium	2020	2000	101	65 - 135	P	12/09/2025	12:28	LB138174
	Chromium	10.4	10.0	104	65 - 135	P	12/09/2025	12:28	LB138174
	Cobalt	29.3	30.0	98	65 - 135	P	12/09/2025	12:28	LB138174
	Copper	21.5	20.0	107	65 - 135	P	12/09/2025	12:28	LB138174
	Iron	86.6	100	87	65 - 135	P	12/09/2025	12:28	LB138174
	Lead	12.0	12.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Magnesium	2090	2000	104	65 - 135	P	12/09/2025	12:28	LB138174
	Manganese	19.8	20.0	99	65 - 135	P	12/09/2025	12:28	LB138174
	Nickel	39.7	40.0	99	65 - 135	P	12/09/2025	12:28	LB138174
	Potassium	1970	2000	98	65 - 135	P	12/09/2025	12:28	LB138174
	Selenium	19.3	20.0	97	65 - 135	P	12/09/2025	12:28	LB138174
	Silver	10.0	10.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Sodium	1860	2000	93	65 - 135	P	12/09/2025	12:28	LB138174
	Thallium	44.4	40.0	111	65 - 135	P	12/09/2025	12:28	LB138174
	Vanadium	38.4	40.0	96	65 - 135	P	12/09/2025	12:28	LB138174
	Zinc	41.9	40.0	105	65 - 135	P	12/09/2025	12:28	LB138174
CRI01	Aluminum	113	100	113	65 - 135	P	12/11/2025	11:50	LB138198
	Antimony	51.9	50.0	104	65 - 135	P	12/11/2025	11:50	LB138198
	Arsenic	21.2	20.0	106	65 - 135	P	12/11/2025	11:50	LB138198
	Barium	97.8	100	98	65 - 135	P	12/11/2025	11:50	LB138198
	Beryllium	6.39	6.0	106	65 - 135	P	12/11/2025	11:50	LB138198
	Cadmium	5.86	6.0	98	65 - 135	P	12/11/2025	11:50	LB138198
	Calcium	2040	2000	102	65 - 135	P	12/11/2025	11:50	LB138198
	Chromium	10.3	10.0	103	65 - 135	P	12/11/2025	11:50	LB138198
	Cobalt	29.9	30.0	100	65 - 135	P	12/11/2025	11:50	LB138198
	Copper	21.8	20.0	109	65 - 135	P	12/11/2025	11:50	LB138198
	Iron	109	100	109	65 - 135	P	12/11/2025	11:50	LB138198
	Lead	13.7	12.0	114	65 - 135	P	12/11/2025	11:50	LB138198
	Magnesium	2130	2000	106	65 - 135	P	12/11/2025	11:50	LB138198
	Manganese	20.3	20.0	102	65 - 135	P	12/11/2025	11:50	LB138198

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Nickel	41.1	40.0	103	65 - 135	P	12/11/2025	11:50	LB138198
	Potassium	2030	2000	102	65 - 135	P	12/11/2025	11:50	LB138198
	Selenium	20.9	20.0	105	65 - 135	P	12/11/2025	11:50	LB138198
	Silver	11.3	10.0	113	65 - 135	P	12/11/2025	11:50	LB138198
	Sodium	1920	2000	96	65 - 135	P	12/11/2025	11:50	LB138198
	Thallium	39.1	40.0	98	65 - 135	P	12/11/2025	11:50	LB138198
	Vanadium	41.2	40.0	103	65 - 135	P	12/11/2025	11:50	LB138198
	Zinc	43.9	40.0	110	65 - 135	P	12/11/2025	11:50	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	12:24	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	12:24	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:24	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	12:24	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:24	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:24	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	12:53	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	12:53	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:53	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	12:53	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:53	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
CCB02	Aluminum	11.3	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	13:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	13:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	13:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	13:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	13:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	13:45	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Thallium	5.85	+/-20	J	40.0	P	12/09/2025	13:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
CCB03	Aluminum	11.3	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	15:13	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	15:13	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	15:13	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	15:13	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	15:13	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Thallium	5.03	+/-20	J	40.0	P	12/09/2025	15:13	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
CCB04	Aluminum	11.3	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	16:04	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	16:04	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:04	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	16:04	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:04	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
CCB05	Aluminum	11.3	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	16:54	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	16:54	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:54	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	16:54	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:54	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
CCB06	Aluminum	11.3	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	17:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	17:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	17:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	17:45	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	17:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	17:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Thallium	5.28	+/-20	J	40.0	P	12/09/2025	17:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
CCB07	Aluminum	11.3	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	18:36	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	18:36	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	18:36	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	18:36	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	18:36	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
CCB08	Aluminum	11.3	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	19:34	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	19:34	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	19:34	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	19:34	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	19:34	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Thallium	5.64	+/-20	J	40.0	P	12/09/2025	19:34	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
CCB09	Aluminum	11.3	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	20:41	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	20:41	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	20:41	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	20:41	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	20:41	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	20:41	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	7.51	+/-20	J	40.0	P	12/09/2025	20:41	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
CCB10	Aluminum	11.3	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	21:31	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	21:31	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	21:31	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	21:31	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	21:31	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Thallium	8.81	+/-20	J	40.0	P	12/09/2025	21:31	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Aluminum	11.3	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	22:22	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	22:22	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	22:22	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	22:22	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	22:22	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	22:22	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
CCB12	Aluminum	11.3	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	23:25	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	23:25	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:25	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	23:25	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:25	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Thallium	5.46	+/-20	J	40.0	P	12/09/2025	23:25	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Aluminum	11.3	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	23:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	23:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	23:45	LB138174
CCB13									

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB13	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Thallium	10.7	+/-20	J	40.0	P	12/09/2025	23:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	23:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:45	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI **SDG No.:** Q3765
Contract: TETR16 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	12/11/2025	11:46	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	11:46	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	11:46	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	11:46	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	11:46	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	11:46	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	11:46	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	11:46	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	11:46	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	11:46	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	11:46	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	11:46	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	11:46	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	11:46	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	11:46	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	11:46	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	11:46	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	11:46	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	11:46	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	11:46	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	11:46	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	11:46	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	12/11/2025	12:18	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	12:18	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	12:18	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	12:18	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	12:18	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	12:18	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	12:18	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	12:18	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	12:18	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	12:18	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	12:18	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	12:18	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	12:18	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	12:18	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	12:18	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	12:18	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	12:18	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	12:18	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
CCB02	Aluminum	11.3	+/-50	U	100	P	12/11/2025	13:08	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	13:08	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	13:08	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	13:08	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	13:08	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	13:08	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	13:08	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	13:08	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	13:08	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	13:08	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	13:08	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	13:08	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	13:08	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	13:08	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	13:08	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	13:08	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	12/11/2025	13:08	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	13:08	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
CCB03	Aluminum	11.3	+/-50	U	100	P	12/11/2025	13:59	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	13:59	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	13:59	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	13:59	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	13:59	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	13:59	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	13:59	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	13:59	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	13:59	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	13:59	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	13:59	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	13:59	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	13:59	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	13:59	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	13:59	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	13:59	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	13:59	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	13:59	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
CCB04	Aluminum	20.3	+/-50	J	100	P	12/11/2025	15:04	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	15:04	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	15:04	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	15:04	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	15:04	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	15:04	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	15:04	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	15:04	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	15:04	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	15:04	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	15:04	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	15:04	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	12/11/2025	15:04	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	15:04	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	15:04	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	15:04	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	15:04	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	15:04	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
CCB05	Aluminum	13.8	+/-50	J	100	P	12/11/2025	15:54	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	15:54	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	15:54	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	15:54	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	15:54	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	15:54	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	15:54	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	15:54	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	15:54	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	15:54	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	15:54	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	15:54	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	15:54	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	15:54	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	15:54	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	15:54	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	15:54	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	15:54	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
CCB06	Aluminum	11.3	+/-50	U	100	P	12/11/2025	16:44	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	16:44	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	16:44	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	16:44	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	16:44	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	16:44	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	16:44	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	16:44	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	16:44	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	16:44	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	16:44	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	16:44	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	16:44	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	16:44	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	16:44	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	16:44	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	16:44	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	16:44	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
CCB07	Aluminum	11.3	+/-50	U	100	P	12/11/2025	17:57	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	17:57	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	17:57	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	17:57	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	17:57	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	17:57	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	17:57	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	17:57	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	17:57	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	17:57	LB138198
	Iron	23.9	+/-50	J	100	P	12/11/2025	17:57	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	17:57	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	17:57	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	17:57	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	17:57	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	17:57	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	17:57	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	17:57	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
CCB08	Aluminum	11.3	+/-50	U	100	P	12/11/2025	18:52	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	18:52	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	18:52	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	18:52	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	18:52	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	18:52	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	18:52	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	18:52	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	18:52	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	18:52	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	18:52	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	18:52	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	18:52	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	18:52	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	18:52	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	18:52	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	18:52	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	18:52	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
CCB09	Aluminum	11.3	+/-50	U	100	P	12/11/2025	19:45	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	19:45	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	19:45	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	19:45	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	19:45	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	19:45	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	19:45	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	19:45	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	19:45	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	19:45	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	19:45	LB138198
	Lead	3.43	+/-6	J	12.0	P	12/11/2025	19:45	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	19:45	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	19:45	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	19:45	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	19:45	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	19:45	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	19:45	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
CCB10	Aluminum	11.3	+/-50	U	100	P	12/11/2025	20:37	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	20:37	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	20:37	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	20:37	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	20:37	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	20:37	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	20:37	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	20:37	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	20:37	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	20:37	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	20:37	LB138198
	Lead	2.34	+/-6	J	12.0	P	12/11/2025	20:37	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	20:37	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	20:37	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	20:37	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	20:37	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	20:37	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	20:37	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
	Aluminum	17.9	+/-50	J	100	P	12/11/2025	20:59	LB138198
	Antimony	6.76	+/-25	U	50.0	P	12/11/2025	20:59	LB138198
	Arsenic	5.12	+/-10	U	20.0	P	12/11/2025	20:59	LB138198
	Barium	14.6	+/-50	U	100	P	12/11/2025	20:59	LB138198
	Beryllium	0.56	+/-3	U	6.00	P	12/11/2025	20:59	LB138198
	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	20:59	LB138198
	Calcium	234	+/-1000	U	2000	P	12/11/2025	20:59	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	20:59	LB138198
	Cobalt	2.26	+/-15	U	30.0	P	12/11/2025	20:59	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	20:59	LB138198
	Iron	23.4	+/-50	U	100	P	12/11/2025	20:59	LB138198
	Lead	2.32	+/-6	J	12.0	P	12/11/2025	20:59	LB138198
	Magnesium	244	+/-1000	U	2000	P	12/11/2025	20:59	LB138198
	Manganese	5.94	+/-10	U	20.0	P	12/11/2025	20:59	LB138198

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	20:59	LB138198
	Potassium	918	+/-1000	U	2000	P	12/11/2025	20:59	LB138198
	Selenium	9.64	+/-10	U	20.0	P	12/11/2025	20:59	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	20:59	LB138198
	Sodium	868	+/-1000	U	2000	P	12/11/2025	20:59	LB138198
	Thallium	4.38	+/-20	U	40.0	P	12/11/2025	20:59	LB138198
	Vanadium	6.26	+/-20	U	40.0	P	12/11/2025	20:59	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	20:59	LB138198

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3765

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170841BL	WATER			Batch Number:	PB170841		Prep Date:	12/05/2025	
	Aluminum	5.67	<25	U	50.0	P	12/11/2025	12:31	LB138198
	Antimony	3.38	<12.5	U	25.0	P	12/11/2025	12:31	LB138198
	Arsenic	2.56	<5	U	10.0	P	12/11/2025	12:31	LB138198
	Barium	7.28	<25	U	50.0	P	12/11/2025	12:31	LB138198
	Beryllium	0.28	<1.5	U	3.00	P	12/11/2025	12:31	LB138198
	Cadmium	0.25	<1.5	U	3.00	P	12/11/2025	12:31	LB138198
	Calcium	117	<500	U	1000	P	12/11/2025	12:31	LB138198
	Chromium	1.06	<2.5	U	5.00	P	12/11/2025	12:31	LB138198
	Cobalt	1.13	<7.5	U	15.0	P	12/11/2025	12:31	LB138198
	Copper	2.30	<5	U	10.0	P	12/11/2025	12:31	LB138198
	Iron	11.7	<25	U	50.0	P	12/11/2025	12:31	LB138198
	Lead	1.15	<3	U	6.00	P	12/11/2025	12:31	LB138198
	Magnesium	122	<500	U	1000	P	12/11/2025	12:31	LB138198
	Manganese	2.97	<5	U	10.0	P	12/11/2025	12:31	LB138198
	Nickel	1.53	<10	U	20.0	P	12/11/2025	12:31	LB138198
	Potassium	459	<500	U	1000	P	12/11/2025	12:31	LB138198
	Selenium	4.82	<5	U	10.0	P	12/11/2025	12:31	LB138198
	Silver	0.81	<2.5	U	5.00	P	12/11/2025	12:31	LB138198
	Sodium	434	<500	U	1000	P	12/11/2025	12:31	LB138198
	Thallium	2.19	<10	U	20.0	P	12/11/2025	12:31	LB138198
	Vanadium	3.13	<10	U	20.0	P	12/11/2025	12:31	LB138198
	Zinc	8.33	<10	U	20.0	P	12/11/2025	12:31	LB138198

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3765</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	239000	255000	94	216000	294000	12/09/2025	12:32	LB138174
	Antimony	2.17			-50	50	12/09/2025	12:32	LB138174
	Arsenic	5.20			-20	20	12/09/2025	12:32	LB138174
	Barium	5.08	6.0	85	-94	106	12/09/2025	12:32	LB138174
	Beryllium	1.40			-6	6	12/09/2025	12:32	LB138174
	Cadmium	4.58	1.0	458	-5	7	12/09/2025	12:32	LB138174
	Calcium	225000	245000	92	208000	282000	12/09/2025	12:32	LB138174
	Chromium	45.9	52.0	88	42	62	12/09/2025	12:32	LB138174
	Cobalt	2.34			-30	30	12/09/2025	12:32	LB138174
	Copper	-2.36	2.0	118	-18	22	12/09/2025	12:32	LB138174
	Iron	94200	101000	93	85600	116500	12/09/2025	12:32	LB138174
	Lead	3.51			-12	12	12/09/2025	12:32	LB138174
	Magnesium	243000	255000	95	216000	294000	12/09/2025	12:32	LB138174
	Manganese	8.08	7.0	115	-13	27	12/09/2025	12:32	LB138174
	Nickel	6.00	2.0	300	-38	42	12/09/2025	12:32	LB138174
	Potassium	101			0	0	12/09/2025	12:32	LB138174
	Selenium	1.24			-20	20	12/09/2025	12:32	LB138174
	Silver	-1.30			-10	10	12/09/2025	12:32	LB138174
	Sodium	64.9			0	0	12/09/2025	12:32	LB138174
	Thallium	28.4			-40	40	12/09/2025	12:32	LB138174
	Vanadium	5.43			-40	40	12/09/2025	12:32	LB138174
	Zinc	5.79			-40	40	12/09/2025	12:32	LB138174
ICSAB01	Aluminum	239000	247000	97	209000	285000	12/09/2025	12:37	LB138174
	Antimony	595	618	96	525	711	12/09/2025	12:37	LB138174
	Arsenic	107	104	103	88.4	120	12/09/2025	12:37	LB138174
	Barium	456	537	85	437	637	12/09/2025	12:37	LB138174
	Beryllium	468	495	94	420	570	12/09/2025	12:37	LB138174
	Cadmium	979	972	101	826	1120	12/09/2025	12:37	LB138174
	Calcium	225000	235000	96	199000	271000	12/09/2025	12:37	LB138174
	Chromium	545	542	101	460	624	12/09/2025	12:37	LB138174
	Cobalt	487	476	102	404	548	12/09/2025	12:37	LB138174
	Copper	464	511	91	434	588	12/09/2025	12:37	LB138174
	Iron	95200	99300	96	84400	114500	12/09/2025	12:37	LB138174
	Lead	53.9	49.0	110	37	61	12/09/2025	12:37	LB138174
	Magnesium	243000	248000	98	210000	286000	12/09/2025	12:37	LB138174
	Manganese	457	507	90	430	584	12/09/2025	12:37	LB138174
	Nickel	965	954	101	810	1100	12/09/2025	12:37	LB138174
	Potassium	42.5			0	0	12/09/2025	12:37	LB138174
	Selenium	49.8	46.0	108	26	66	12/09/2025	12:37	LB138174
	Silver	180	201	90	170	232	12/09/2025	12:37	LB138174
	Sodium	87.5			0	0	12/09/2025	12:37	LB138174
	Thallium	148	108	137	68	148	12/09/2025	12:37	LB138174

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3765</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	465	491	95	417	565	12/09/2025	12:37	LB138174
	Zinc	1040	952	109	809	1095	12/09/2025	12:37	LB138174
ICSA01	Aluminum	249000	255000	98	216000	294000	12/11/2025	11:54	LB138198
	Antimony	4.13			-50	50	12/11/2025	11:54	LB138198
	Arsenic	2.67			-20	20	12/11/2025	11:54	LB138198
	Barium	4.34	6.0	72	-94	106	12/11/2025	11:54	LB138198
	Beryllium	1.04			-6	6	12/11/2025	11:54	LB138198
	Cadmium	3.39	1.0	339	-5	7	12/11/2025	11:54	LB138198
	Calcium	235000	245000	96	208000	282000	12/11/2025	11:54	LB138198
	Chromium	52.4	52.0	101	42	62	12/11/2025	11:54	LB138198
	Cobalt	2.61			-30	30	12/11/2025	11:54	LB138198
	Copper	2.84	2.0	142	-18	22	12/11/2025	11:54	LB138198
	Iron	91200	101000	90	85600	116500	12/11/2025	11:54	LB138198
	Lead	7.82			-12	12	12/11/2025	11:54	LB138198
	Magnesium	254000	255000	100	216000	294000	12/11/2025	11:54	LB138198
	Manganese	9.15	7.0	131	-13	27	12/11/2025	11:54	LB138198
	Nickel	6.93	2.0	346	-38	42	12/11/2025	11:54	LB138198
	Potassium	120			0	0	12/11/2025	11:54	LB138198
	Selenium	1.32			-20	20	12/11/2025	11:54	LB138198
	Silver	7.73			-10	10	12/11/2025	11:54	LB138198
	Sodium	84.2			0	0	12/11/2025	11:54	LB138198
	Thallium	14.0			-40	40	12/11/2025	11:54	LB138198
	Vanadium	5.97			-40	40	12/11/2025	11:54	LB138198
	Zinc	5.57			-40	40	12/11/2025	11:54	LB138198
ICSAB01	Aluminum	240000	247000	97	209000	285000	12/11/2025	11:59	LB138198
	Antimony	583	618	94	525	711	12/11/2025	11:59	LB138198
	Arsenic	105	104	101	88.4	120	12/11/2025	11:59	LB138198
	Barium	502	537	94	437	637	12/11/2025	11:59	LB138198
	Beryllium	485	495	98	420	570	12/11/2025	11:59	LB138198
	Cadmium	946	972	97	826	1120	12/11/2025	11:59	LB138198
	Calcium	229000	235000	97	199000	271000	12/11/2025	11:59	LB138198
	Chromium	535	542	99	460	624	12/11/2025	11:59	LB138198
	Cobalt	475	476	100	404	548	12/11/2025	11:59	LB138198
	Copper	458	511	90	434	588	12/11/2025	11:59	LB138198
	Iron	89800	99300	90	84400	114500	12/11/2025	11:59	LB138198
	Lead	58.0	49.0	118	37	61	12/11/2025	11:59	LB138198
	Magnesium	243000	248000	98	210000	286000	12/11/2025	11:59	LB138198
	Manganese	494	507	97	430	584	12/11/2025	11:59	LB138198
	Nickel	944	954	99	810	1100	12/11/2025	11:59	LB138198
	Potassium	58.7			0	0	12/11/2025	11:59	LB138198
	Selenium	46.2	46.0	100	26	66	12/11/2025	11:59	LB138198
	Silver	180	201	90	170	232	12/11/2025	11:59	LB138198

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3765</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	100			0	0	12/11/2025	11:59	LB138198
	Thallium	119	108	110	68	148	12/11/2025	11:59	LB138198
	Vanadium	470	491	96	417	565	12/11/2025	11:59	LB138198
	Zinc	987	952	104	809	1095	12/11/2025	11:59	LB138198



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3765</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3765-05</u>	client id: <u>MC0KG1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3765-06</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1070		150		1000	92		P
Antimony	ug/L	88 - 113	446		69.0		400	94		P
Arsenic	ug/L	87 - 113	389		16.8		400	93		P
Barium	ug/L	88 - 113	115		22.1	J	100	92		P
Beryllium	ug/L	89 - 112	85.2		3.00	U	100	85	N	P
Cadmium	ug/L	88 - 113	405		363		100	41	N	P
Calcium	ug/L	87 - 113	7060		6350		500	142		P
Chromium	ug/L	90 - 113	197		6.20		200	96		P
Cobalt	ug/L	89 - 114	91.0		15.0	U	100	91		P
Copper	ug/L	86 - 114	238		101		150	91		P
Iron	ug/L	87 - 115	2650		1350		1500	87		P
Lead	ug/L	86 - 113	6310		9120		500	-563		P
Magnesium	ug/L	85 - 113	2340		1420		1000	92		P
Manganese	ug/L	90 - 114	167		57.0		100	110		P
Nickel	ug/L	88 - 113	245		23.3		250	89		P
Potassium	ug/L	86 - 114	6140		1580		5000	91		P
Selenium	ug/L	83 - 114	911		5.45	J	1000	91		P
Silver	ug/L	84 - 115	9.14		5.00	U	37.5	24	N	P
Sodium	ug/L	87 - 115	2630		1310		1500	88		P
Thallium	ug/L	85 - 114	840		5.50	J	1000	83	N	P
Vanadium	ug/L	90 - 111	143		20.0	U	150	95		P
Zinc	ug/L	87 - 115	516		421		100	94		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Tetra Tech, EMI</u>	level:	<u>low</u>	sdg no.:	<u>Q3765</u>
contract:	<u>TETR16</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3765-05</u>	client id:	<u>MC0KG1MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3765-07	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1040		150		1000	89		P
Antimony	ug/L	88 - 113	431		69.0		400	90		P
Arsenic	ug/L	87 - 113	373		16.8		400	89		P
Barium	ug/L	88 - 113	109		22.1	J	100	87	N	P
Beryllium	ug/L	89 - 112	82.4		3.00	U	100	82	N	P
Cadmium	ug/L	88 - 113	387		363		100	24	N	P
Calcium	ug/L	87 - 113	6670		6350		500	64		P
Chromium	ug/L	90 - 113	221		6.20		200	107		P
Cobalt	ug/L	89 - 114	87.4		15.0	U	100	87	N	P
Copper	ug/L	86 - 114	230		101		150	86		P
Iron	ug/L	87 - 115	2670		1350		1500	88		P
Lead	ug/L	86 - 113	6040		9120		500	-616		P
Magnesium	ug/L	85 - 113	2230		1420		1000	81	N	P
Manganese	ug/L	90 - 114	146		57.0		100	89	N	P
Nickel	ug/L	88 - 113	250		23.3		250	91		P
Potassium	ug/L	86 - 114	5730		1580		5000	83	N	P
Selenium	ug/L	83 - 114	879		5.45	J	1000	87		P
Silver	ug/L	84 - 115	10.1		5.00	U	37.5	27	N	P
Sodium	ug/L	87 - 115	2430		1310		1500	75	N	P
Thallium	ug/L	85 - 114	800		5.50	J	1000	79	N	P
Vanadium	ug/L	90 - 111	136		20.0	U	150	91		P
Zinc	ug/L	87 - 115	488		421		100	67		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3765</u>	
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>MC0KG1A</u>
Sample ID: <u>Q3765-05</u>	Spiked ID: <u>Q3765-05A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	108		22.1	J	100	86	N	P
Beryllium	ug/L	89 - 112	82.6		3.00	U	100	83	N	P
Cadmium	ug/L	88 - 113	449		363		100	86	N	P
Cobalt	ug/L	89 - 114	88.6		15.0	U	100	89	N	P
Magnesium	ug/L	85 - 113	2260		1420		1000	84	N	P
Manganese	ug/L	90 - 114	143		57.0		100	86	N	P
Potassium	ug/L	86 - 114	5840		1580		5000	85	N	P
Silver	ug/L	84 - 115	32.4		5.00	U	37.5	86		P
Sodium	ug/L	87 - 115	2480		1310		1500	78	N	P
Thallium	ug/L	85 - 114	795		5.50	J	1000	79	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech, EMI **Level:** LOW **SDG No.:** Q3765
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3765-05 **Client ID:** MC0KG1DUP
Percent Solids for Sample: NA **Duplicate ID** Q3765-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	150		154		3		P
Antimony	ug/L	20	69.0		70.1		2		P
Arsenic	ug/L	20	16.8		19.1		13		P
Barium	ug/L	20	22.1	J	22.6	J	2		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	363		369		2		P
Calcium	ug/L	20	6350		6420		1		P
Chromium	ug/L	20	6.20		6.08		2		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	101		102		1		P
Iron	ug/L	20	1350		1290		5		P
Lead	ug/L	20	9120		9260		2		P
Magnesium	ug/L	20	1420		1440		1		P
Manganese	ug/L	20	57.0		58.1		2		P
Nickel	ug/L	20	23.3		24.0		3		P
Potassium	ug/L	20	1580		1490		6		P
Selenium	ug/L	20	5.45	J	6.67	J	20		P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1310		1230		6		P
Thallium	ug/L	20	5.50	J	4.96	J	10		P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	421		415		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech, EMI</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3765</u>
Contract:	<u>TETR16</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3765-06</u>	Client ID:	<u>MC0KG1MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3765-07	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1070		1040		3		P
Antimony	ug/L	20	446		431		3		P
Arsenic	ug/L	20	389		373		4		P
Barium	ug/L	20	115		109		5		P
Beryllium	ug/L	20	85.2		82.4		3		P
Cadmium	ug/L	20	405		387		5		P
Calcium	ug/L	20	7060		6670		6		P
Chromium	ug/L	20	197		221		11		P
Cobalt	ug/L	20	91.0		87.4		4		P
Copper	ug/L	20	238		230		3		P
Iron	ug/L	20	2650		2670		1		P
Lead	ug/L	20	6310		6040		4		P
Magnesium	ug/L	20	2340		2230		5		P
Manganese	ug/L	20	167		146		13		P
Nickel	ug/L	20	245		250		2		P
Potassium	ug/L	20	6140		5730		7		P
Selenium	ug/L	20	911		879		4		P
Silver	ug/L	20	9.14		10.1		10		P
Sodium	ug/L	20	2630		2430		8		P
Thallium	ug/L	20	840		800		5		P
Vanadium	ug/L	20	143		136		5		P
Zinc	ug/L	20	516		488		6		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Tetra Tech, EMI</u>	SDG No.:	<u>Q3765</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170841BS							
Aluminum	ug/L	1000	1040		104	86 - 115	P
Antimony	ug/L	400	418		104	88 - 113	P
Arsenic	ug/L	400	412		103	87 - 113	P
Barium	ug/L	100	101		101	88 - 113	P
Beryllium	ug/L	100	107		107	89 - 112	P
Cadmium	ug/L	100	102		102	88 - 113	P
Calcium	ug/L	500	528	J	106	87 - 113	P
Chromium	ug/L	200	201		100	90 - 113	P
Cobalt	ug/L	100	101		101	89 - 114	P
Copper	ug/L	150	160		107	86 - 114	P
Iron	ug/L	1500	1460		97	87 - 115	P
Lead	ug/L	500	501		100	86 - 113	P
Magnesium	ug/L	1000	1050		105	85 - 113	P
Manganese	ug/L	100	103		103	90 - 114	P
Nickel	ug/L	250	256		102	88 - 113	P
Potassium	ug/L	5000	4860		97	86 - 114	P
Selenium	ug/L	1000	1070		107	83 - 114	P
Silver	ug/L	37.5	37.7		100	84 - 115	P
Sodium	ug/L	1500	1460		97	87 - 115	P
Thallium	ug/L	1000	1040		104	85 - 114	P
Vanadium	ug/L	150	155		103	90 - 111	P
Zinc	ug/L	100	109		109	87 - 115	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

MC0KG1L

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **Lb No.:** lb138174 **Lab Sample ID :** Q3765-05L **SDG No.:** Q3765
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	150		133	J	11		P
Antimony	69.0		70.3	J	2		P
Arsenic	16.8		17.6	J	5		P
Barium	22.1	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	363		379		5		P
Calcium	6350		6250		2		P
Chromium	6.20		5.68	J	9		P
Cobalt	15.0	U	75.0	U			P
Copper	101		103		1		P
Iron	1350		1270		6		P
Lead	9120		9380		3		P
Magnesium	1420		1340	J	6		P
Manganese	57.0		56.1		2		P
Nickel	23.3		24.9	J	7		P
Potassium	1580		5000	U	100.0		P
Selenium	5.45	J	50.0	U	100.0		P
Silver	5.00	U	25.0	U			P
Sodium	1310		5000	U	100.0		P
Thallium	5.50	J	20.1	J	266		P
Vanadium	20.0	U	100	U			P
Zinc	421		417		1		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Tetra Tech, EMI **SDG No.:** Q3765
Contract: TETR16 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170841							
PB170841BL	PB170841BL	MB	WATER	12/05/2025	50.0	25.0	
PB170841BS	PB170841BS	LCS	WATER	12/05/2025	50.0	25.0	
Q3765-01	MC0KF5	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-02	MC0KF7	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-03	MC0KF9	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-04	MC0KG0	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-05	MC0KG1	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-05DUP	MC0KG1DUP	DUP	WATER	12/05/2025	50.0	25.0	
Q3765-06	MC0KG1MS	MS	WATER	12/05/2025	50.0	25.0	
Q3765-07	MC0KG1MSD	MSD	WATER	12/05/2025	50.0	25.0	
Q3765-08	MC0KG2	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-09	MC0KG3	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-10	MC0KG4	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-11	MC0KG5	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-12	MC0KG6	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-13	MC0KG7	SAM	WATER	12/05/2025	50.0	25.0	
Q3765-14	MC0KG8	SAM	WATER	12/05/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3765

Instrument id number:

Method:

Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1138	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	1143	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	1147	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	1151	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	1155	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	1159	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	1215	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	1219	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	1224	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	1228	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	1232	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	1237	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	1249	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	1253	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	1341	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	1345	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	1509	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	1513	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	1600	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	1604	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	1650	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	1654	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	1741	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	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-01	MC0KF5	1	1814	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-02	MC0KF7	1	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-03	MC0KF9	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-04	MC0KG0	1	1827	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	1831	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	1836	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-05	MC0KG1	1	1840	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-05DUP	MC0KG1DUP	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-05L	MC0KG1L	5	1848	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-06	MC0KG1MS	1	1852	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-07	MC0KG1MSD	1	1856	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-05A	MC0KG1A	1	1901	Ag,Ba,Be,Cd,Co,K,Mg,Mn,Na,Tl
Q3765-08	MC0KG2	1	1905	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-09	MC0KG3	1	1909	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-10	MC0KG4	1	1913	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-11	MC0KG5	1	1917	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	1930	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3765

Instrument id number:

Method:

Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB08	CCB08	1	1934	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-12	MC0KG6	1	1938	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-13	MC0KG7	1	1943	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3765-14	MC0KG8	1	1947	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	2037	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	2041	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	2320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV13	CCV13	1	2341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB13	CCB13	1	2345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

A

B

C

D

E

F

G

H

metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3765

Instrument id number:
Method:
Run number: LB138198

Start date: 12/11/2025

End date: 12/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	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	1109	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	1113	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	1117	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	1121	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	1126	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	1130	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	1141	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	1146	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	1150	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	1154	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	1159	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	1214	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	1218	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170841BL	PB170841BL	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170841BS	PB170841BS	1	1235	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	1304	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	1308	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	1355	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	1359	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	1459	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	1504	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	1550	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	1554	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	1640	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	1644	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	1753	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	1757	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	1848	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	1852	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	1941	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	1945	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2033	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2055	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2059	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



SHIPPING DOCUMENTS

Q3765

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 3-120225-104849-0112

DateShipped: 12/2/2025

Lab: Alliance Technical Group, LLC

CarrierName: FedEx

Lab Contact: Yazmeen Gomez

AirbillNo: 8866 4105 7106

DAS #: R37106

Lab Phone: (908) 728-3147

Cooler #:

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-WW-01-20251201	MC0KF5	Waste Water/ START	Grab	Metals(7)	3218 (HNO3, 6 C) (1)	WW-01	12/01/2025 13:55	PH 1.0 # 513329
ET-WW-02-20251201	MC0KF7	Waste Water/ START	Grab	Metals(7)	3222 (HNO3, 6 C) (1)	WW-02	12/01/2025 13:30	
ET-WW-03-20251201	MC0KF9	Waste Water/ START	Grab	Metals(7)	3224 (HNO3, 6 C) (1)	WW-03	12/01/2025 14:35	
ET-WW-04-20251201	MC0KG0	Waste Water/ START	Grab	Metals(7)	3225 (HNO3, 6 C) (1)	WW-04	12/01/2025 11:29	
ET-WW-05-20251201	MC0KG1	Waste Water/ START	Grab	Metals(7)	3226 (HNO3, 6 C), 3248 (HNO3, 6 C) (2)	WW-05	12/01/2025 12:45	
ET-WW-06-20251201	MC0KG2	Waste Water/ START	Grab	Metals(7)	3227 (HNO3, 6 C) (1)	WW-06	12/01/2025 13:45	
ET-WW-08-20251201	MC0KG3	Waste Water/ START	Grab	Metals(7)	3228 (HNO3, 6 C) (1)	WW-08	12/01/2025 12:26	
ET-SW-01-20251201	MC0KG4	Surface Water/ START	Grab	Metals(7)	3229 (HNO3, 6 C) (1)	SW-01	12/01/2025 14:15	
ET-SW-02-20251201	MC0KG5	Surface Water/ START	Grab	Metals(7)	3230 (HNO3, 6 C) (1)	SW-02	12/01/2025 13:01	
ET-SW-03-20251201	MC0KG6	Surface Water/ START	Grab	Metals(7)	3231 (HNO3, 6 C) (1)	SW-03	12/01/2025 13:12	

Sample(s) to be used for Lab QC: ET-WW-05-20251201 Tag 3226, ET-WW-05-20251201 Tag 3248	Shipment for Case Complete? Y
	Samples Transferred From Chain of Custody #
Analysis Key: Metals=CLP ICP-AES Metals	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sample Shipment	Guil [Signature] / START	12/2/25 11:45	[Signature]	12/3/25 10:53	IL 600 #1 3.3

USEPA CLP COC (LAB COPY)

DateShipped: 12/2/2025

CarrierName: FedEx

AirbillNo: 8866 4105 7106

CHAIN OF CUSTODY RECORD

DAS #: R37106

Cooler #:

No: 3-120225-104849-0112

Lab: Alliance Technical Group, LLC

Lab Contact: Yazmeen Gomez

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-SW-04-20251201	MC0KG7	Surface Water/START	Grab	Metals(7)	3232 (HNO3, 6 C) (1)	SW-04	12/01/2025 11:54	PH 1.0 513329 L
ET-DUP-02-20251201	MC0KG8	Surface Water/START	Grab	Metals(7)	3233 (HNO3, 6 C) (1)	QC	12/01/2025 12:00	

Special Instructions:	Shipment for Case Complete? Y
	Samples Transferred From Chain of Custody #
Analysis Key: Metals=CLP ICP-AES Metals	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sample Shipment	Gomez / START	12/2/25 145	CL	10:53 12/3/25	TR Co #1 3.3

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312