

LAB CHRONICLE

OrderID:	Q1774	OrderDate:	4/10/2025 10:43:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	CTO WE13
Contact:	Ernie Wu	Location:	F11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1774-02	TT-073-IDWGW-2025 0409	Water			04/09/25			04/10/25
			Mercury	7470A		04/10/25	04/11/25	
			Metals ICP-TAL	6010D		04/11/25	04/14/25	
Q1774-03	TT-074-IDWGW-2025 0409	Water			04/09/25			04/10/25
			Mercury	7470A		04/10/25	04/11/25	
			Metals ICP-TAL	6010D		04/11/25	04/14/25	
Q1774-04	TT-075-IDWGW-2025 0409	Water			04/09/25			04/10/25
			Mercury	7470A		04/10/25	04/11/25	
			Metals ICP-TAL	6010D		04/11/25	04/14/25	

Hit Summary Sheet SW-846

SDG No.: Q1774

Order ID: Q1774

Client: Tetra Tech NUS, Inc.

Project ID: CTO WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TT-073-IDWGW-20250409									
Q1774-02	TT-073-IDWGW-20250409	Water	Aluminum	10000		28.3	40.0	50.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Arsenic	9.21	J	3.48	8.00	10.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Barium	94.7		6.28	12.5	50.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Beryllium	1.44	J	0.13	0.75	3.00	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Calcium	11100		33.0	250	1000	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Chromium	37.4		0.66	2.50	5.00	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Cobalt	8.71	J	0.50	3.75	15.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Copper	42.7		7.07	8.00	10.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Iron	9850		18.5	40.0	50.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Lead	22.2		3.51	4.80	6.00	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Magnesium	3630		39.4	250	1000	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Manganese	237		1.46	2.50	10.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Nickel	18.1	J	0.85	5.00	20.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Potassium	78500		685	800	1000	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Sodium	61400		237	500	1000	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Vanadium	22.5		3.06	10.0	20.0	ug/L
Q1774-02	TT-073-IDWGW-20250409	Water	Zinc	45.6		1.75	5.00	20.0	ug/L
Client ID : TT-074-IDWGW-20250409									
Q1774-03	TT-074-IDWGW-20250409	Water	Aluminum	28500		28.3	40.0	50.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Arsenic	9.31	J	3.48	8.00	10.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Barium	122		6.28	12.5	50.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Beryllium	1.67	J	0.13	0.75	3.00	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Calcium	10500		33.0	250	1000	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Chromium	51.0		0.66	2.50	5.00	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Cobalt	14.4	J	0.50	3.75	15.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Copper	35.5		7.07	8.00	10.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Iron	20200		18.5	40.0	50.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Lead	36.6		3.51	4.80	6.00	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Magnesium	6070		39.4	250	1000	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Manganese	459		1.46	2.50	10.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Nickel	24.6		0.85	5.00	20.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Potassium	2890		685	800	1000	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Sodium	33100		237	500	1000	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Vanadium	55.0		3.06	10.0	20.0	ug/L
Q1774-03	TT-074-IDWGW-20250409	Water	Zinc	62.0		1.75	5.00	20.0	ug/L

Client ID : TT-075-IDWGW-20250409

Hit Summary Sheet
SW-846

SDG No.: Q1774

Order ID: Q1774

Client: Tetra Tech NUS, Inc.

Project ID: CTO WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1774-04	TT-075-IDWGW-20250409	Water	Aluminum	16600		28.3	40.0	50.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Arsenic	7.46	J	3.48	8.00	10.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Barium	102		6.28	12.5	50.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Beryllium	1.65	J	0.13	0.75	3.00	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Calcium	12900		33.0	250	1000	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Chromium	38.6		0.66	2.50	5.00	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Cobalt	9.44	J	0.50	3.75	15.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Copper	30.6		7.07	8.00	10.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Iron	14100		18.5	40.0	50.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Lead	29.9		3.51	4.80	6.00	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Magnesium	4550		39.4	250	1000	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Manganese	518		1.46	2.50	10.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Nickel	22.8		0.85	5.00	20.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Potassium	2280		685	800	1000	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Sodium	25000		237	500	1000	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Vanadium	19.5	J	3.06	10.0	20.0	ug/L
Q1774-04	TT-075-IDWGW-20250409	Water	Zinc	49.3		1.75	5.00	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-073-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10000		1	28.3	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-38-2	Arsenic	9.21	J	1	3.48	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-39-3	Barium	94.7	N	1	6.28	12.5	50.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-41-7	Beryllium	1.44	J	1	0.13	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-43-9	Cadmium	0.75	U	1	0.094	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-70-2	Calcium	11100		1	33.0	250	1000	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-47-3	Chromium	37.4	N	1	0.66	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-48-4	Cobalt	8.71	J	1	0.50	3.75	15.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-50-8	Copper	42.7	N	1	7.07	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7439-89-6	Iron	9850		1	18.5	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7439-92-1	Lead	22.2		1	3.51	4.80	6.00	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7439-95-4	Magnesium	3630	N	1	39.4	250	1000	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7439-96-5	Manganese	237	N	1	1.46	2.50	10.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/10/25 14:20	04/11/25 11:09	SW7470A	
7440-02-0	Nickel	18.1	J	1	0.85	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-09-7	Potassium	78500		1	685	800	1000	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-22-4	Silver	2.50	U	1	0.58	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-23-5	Sodium	61400		1	237	500	1000	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-62-2	Vanadium	22.5	N	1	3.06	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010
7440-66-6	Zinc	45.6	N	1	1.75	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:05	SW6010	SW3010

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Cloudy	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
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 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
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 OR = Over Range
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-074-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	28500		1	28.3	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-38-2	Arsenic	9.31	J	1	3.48	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-39-3	Barium	122	N	1	6.28	12.5	50.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-41-7	Beryllium	1.67	J	1	0.13	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-43-9	Cadmium	0.75	U	1	0.094	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-70-2	Calcium	10500		1	33.0	250	1000	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-47-3	Chromium	51.0	N	1	0.66	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-48-4	Cobalt	14.4	J	1	0.50	3.75	15.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-50-8	Copper	35.5	N	1	7.07	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7439-89-6	Iron	20200		1	18.5	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7439-92-1	Lead	36.6		1	3.51	4.80	6.00	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7439-95-4	Magnesium	6070	N	1	39.4	250	1000	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7439-96-5	Manganese	459	N	1	1.46	2.50	10.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/10/25 14:20	04/11/25 11:12	SW7470A	
7440-02-0	Nickel	24.6		1	0.85	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-09-7	Potassium	2890		1	685	800	1000	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-22-4	Silver	2.50	U	1	0.58	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-23-5	Sodium	33100		1	237	500	1000	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-62-2	Vanadium	55.0	N	1	3.06	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010
7440-66-6	Zinc	62.0	N	1	1.75	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:09	SW6010	SW3010

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
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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 NUS, Inc.	Date Collected:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-075-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	16600		1	28.3	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-38-2	Arsenic	7.46	J	1	3.48	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-39-3	Barium	102	N	1	6.28	12.5	50.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-41-7	Beryllium	1.65	J	1	0.13	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-43-9	Cadmium	0.75	U	1	0.094	0.75	3.00	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-70-2	Calcium	12900		1	33.0	250	1000	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-47-3	Chromium	38.6	N	1	0.66	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-48-4	Cobalt	9.44	J	1	0.50	3.75	15.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-50-8	Copper	30.6	N	1	7.07	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7439-89-6	Iron	14100		1	18.5	40.0	50.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7439-92-1	Lead	29.9		1	3.51	4.80	6.00	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7439-95-4	Magnesium	4550	N	1	39.4	250	1000	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7439-96-5	Manganese	518	N	1	1.46	2.50	10.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/10/25 14:20	04/11/25 11:19	SW7470A	
7440-02-0	Nickel	22.8		1	0.85	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-09-7	Potassium	2280		1	685	800	1000	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-22-4	Silver	2.50	U	1	0.58	2.50	5.00	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-23-5	Sodium	25000		1	237	500	1000	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-62-2	Vanadium	19.5	JN	1	3.06	10.0	20.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010
7440-66-6	Zinc	49.3	N	1	1.75	5.00	20.0	ug/L	04/11/25 10:15	04/14/25 15:14	SW6010	SW3010

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Cloudy	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
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METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV84	Mercury	3.61	4.0	90	90 - 110	CV	04/11/2025	10:03	LB135388

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV59	Mercury	5.05	5.0	101	90 - 110	CV	04/11/2025	10:07	LB135388
CCV60	Mercury	4.52	5.0	90	90 - 110	CV	04/11/2025	10:37	LB135388
CCV61	Mercury	4.67	5.0	93	90 - 110	CV	04/11/2025	11:14	LB135388
CCV62	Mercury	4.81	5.0	96	90 - 110	CV	04/11/2025	11:41	LB135388

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

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	2360	2500	94	90 - 110	P	04/14/2025	13:56	LB135424
	Antimony	1040	1000	104	90 - 110	P	04/14/2025	13:56	LB135424
	Arsenic	1060	1000	106	90 - 110	P	04/14/2025	13:56	LB135424
	Barium	534	520	103	90 - 110	P	04/14/2025	13:56	LB135424
	Beryllium	496	510	97	90 - 110	P	04/14/2025	13:56	LB135424
	Cadmium	507	510	99	90 - 110	P	04/14/2025	13:56	LB135424
	Calcium	9360	10000	94	90 - 110	P	04/14/2025	13:56	LB135424
	Chromium	507	520	98	90 - 110	P	04/14/2025	13:56	LB135424
	Cobalt	490	520	94	90 - 110	P	04/14/2025	13:56	LB135424
	Copper	513	510	100	90 - 110	P	04/14/2025	13:56	LB135424
	Iron	9380	10000	94	90 - 110	P	04/14/2025	13:56	LB135424
	Lead	1000	1000	100	90 - 110	P	04/14/2025	13:56	LB135424
	Magnesium	5990	6000	100	90 - 110	P	04/14/2025	13:56	LB135424
	Manganese	483	520	93	90 - 110	P	04/14/2025	13:56	LB135424
	Nickel	494	530	93	90 - 110	P	04/14/2025	13:56	LB135424
	Potassium	9740	9900	98	90 - 110	P	04/14/2025	13:56	LB135424
	Selenium	1050	1000	105	90 - 110	P	04/14/2025	13:56	LB135424
	Silver	246	250	98	90 - 110	P	04/14/2025	13:56	LB135424
	Sodium	10100	10000	101	90 - 110	P	04/14/2025	13:56	LB135424
	Thallium	1030	1000	103	90 - 110	P	04/14/2025	13:56	LB135424
	Vanadium	474	500	95	90 - 110	P	04/14/2025	13:56	LB135424
	Zinc	994	1000	99	90 - 110	P	04/14/2025	13:56	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

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	97.5	100	98	80 - 120	P	04/14/2025	14:01	LB135424
	Antimony	53.2	50.0	106	80 - 120	P	04/14/2025	14:01	LB135424
	Arsenic	22.8	20.0	114	80 - 120	P	04/14/2025	14:01	LB135424
	Barium	96.1	100	96	80 - 120	P	04/14/2025	14:01	LB135424
	Beryllium	6.00	6.0	100	80 - 120	P	04/14/2025	14:01	LB135424
	Cadmium	6.12	6.0	102	80 - 120	P	04/14/2025	14:01	LB135424
	Calcium	1980	2000	99	80 - 120	P	04/14/2025	14:01	LB135424
	Chromium	9.81	10.0	98	80 - 120	P	04/14/2025	14:01	LB135424
	Cobalt	29.6	30.0	98	80 - 120	P	04/14/2025	14:01	LB135424
	Copper	22.6	20.0	113	80 - 120	P	04/14/2025	14:01	LB135424
	Iron	99.4	100	99	80 - 120	P	04/14/2025	14:01	LB135424
	Lead	12.4	12.0	103	80 - 120	P	04/14/2025	14:01	LB135424
	Magnesium	2080	2000	104	80 - 120	P	04/14/2025	14:01	LB135424
	Manganese	20.6	20.0	103	80 - 120	P	04/14/2025	14:01	LB135424
	Nickel	39.5	40.0	99	80 - 120	P	04/14/2025	14:01	LB135424
	Potassium	1920	2000	96	80 - 120	P	04/14/2025	14:01	LB135424
	Selenium	19.0	20.0	95	80 - 120	P	04/14/2025	14:01	LB135424
	Silver	10.0	10.0	100	80 - 120	P	04/14/2025	14:01	LB135424
	Sodium	1840	2000	92	80 - 120	P	04/14/2025	14:01	LB135424
	Thallium	41.8	40.0	105	80 - 120	P	04/14/2025	14:01	LB135424
	Vanadium	40.4	40.0	101	80 - 120	P	04/14/2025	14:01	LB135424
	Zinc	41.6	40.0	104	80 - 120	P	04/14/2025	14:01	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9750	10000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Antimony	4920	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Arsenic	4910	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Barium	9640	10000	96	90 - 110	P	04/14/2025	14:31	LB135424
	Beryllium	256	250	102	90 - 110	P	04/14/2025	14:31	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Calcium	24400	25000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Chromium	1000	1000	100	90 - 110	P	04/14/2025	14:31	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Copper	1240	1250	100	90 - 110	P	04/14/2025	14:31	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	14:31	LB135424
	Lead	4940	5000	99	90 - 110	P	04/14/2025	14:31	LB135424
	Magnesium	24400	25000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Manganese	2440	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Nickel	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Potassium	23800	25000	95	90 - 110	P	04/14/2025	14:31	LB135424
	Selenium	4930	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Silver	1250	1250	100	90 - 110	P	04/14/2025	14:31	LB135424
	Sodium	23800	25000	95	90 - 110	P	04/14/2025	14:31	LB135424
	Thallium	5050	5000	101	90 - 110	P	04/14/2025	14:31	LB135424
	Vanadium	2440	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Zinc	2510	2500	100	90 - 110	P	04/14/2025	14:31	LB135424
CCV02	Aluminum	9730	10000	97	90 - 110	P	04/14/2025	15:22	LB135424
	Antimony	4950	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Arsenic	4930	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Barium	9580	10000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Beryllium	246	250	98	90 - 110	P	04/14/2025	15:22	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Chromium	995	1000	100	90 - 110	P	04/14/2025	15:22	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	15:22	LB135424
	Iron	4880	5000	98	90 - 110	P	04/14/2025	15:22	LB135424
	Lead	4930	5000	98	90 - 110	P	04/14/2025	15:22	LB135424

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 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	24000	25000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Manganese	2410	2500	96	90 - 110	P	04/14/2025	15:22	LB135424
	Nickel	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Potassium	24300	25000	97	90 - 110	P	04/14/2025	15:22	LB135424
	Selenium	4970	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Silver	1230	1250	98	90 - 110	P	04/14/2025	15:22	LB135424
	Sodium	24400	25000	98	90 - 110	P	04/14/2025	15:22	LB135424
	Thallium	4980	5000	100	90 - 110	P	04/14/2025	15:22	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	15:22	LB135424
	Zinc	2480	2500	99	90 - 110	P	04/14/2025	15:22	LB135424
CCV03	Aluminum	9760	10000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Antimony	4910	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Arsenic	4890	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Barium	9870	10000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Beryllium	248	250	99	90 - 110	P	04/14/2025	16:28	LB135424
	Cadmium	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Calcium	24400	25000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Chromium	983	1000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Cobalt	2480	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	16:28	LB135424
	Iron	4970	5000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Lead	4930	5000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Magnesium	24200	25000	97	90 - 110	P	04/14/2025	16:28	LB135424
	Manganese	2460	2500	98	90 - 110	P	04/14/2025	16:28	LB135424
	Nickel	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Potassium	26100	25000	104	90 - 110	P	04/14/2025	16:28	LB135424
	Selenium	4900	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Silver	1230	1250	99	90 - 110	P	04/14/2025	16:28	LB135424
	Sodium	26500	25000	106	90 - 110	P	04/14/2025	16:28	LB135424
	Thallium	4870	5000	97	90 - 110	P	04/14/2025	16:28	LB135424
CCV04	Vanadium	2450	2500	98	90 - 110	P	04/14/2025	16:28	LB135424
	Zinc	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Aluminum	9710	10000	97	90 - 110	P	04/14/2025	17:18	LB135424
	Antimony	4930	5000	99	90 - 110	P	04/14/2025	17:18	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4920	5000	98	90 - 110	P	04/14/2025	17:18	LB135424
	Barium	9580	10000	96	90 - 110	P	04/14/2025	17:18	LB135424
	Beryllium	248	250	99	90 - 110	P	04/14/2025	17:18	LB135424
	Cadmium	2480	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Calcium	24200	25000	97	90 - 110	P	04/14/2025	17:18	LB135424
	Chromium	1000	1000	100	90 - 110	P	04/14/2025	17:18	LB135424
	Cobalt	2480	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	17:18	LB135424
	Iron	4930	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Lead	4940	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Magnesium	24100	25000	96	90 - 110	P	04/14/2025	17:18	LB135424
	Manganese	2410	2500	96	90 - 110	P	04/14/2025	17:18	LB135424
	Nickel	2470	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Potassium	26000	25000	104	90 - 110	P	04/14/2025	17:18	LB135424
	Selenium	4950	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Silver	1240	1250	99	90 - 110	P	04/14/2025	17:18	LB135424
	Sodium	25900	25000	104	90 - 110	P	04/14/2025	17:18	LB135424
	Thallium	4960	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	17:18	LB135424
	Zinc	2450	2500	98	90 - 110	P	04/14/2025	17:18	LB135424
CCV05	Aluminum	9700	10000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Antimony	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Arsenic	4860	5000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Barium	9570	10000	96	90 - 110	P	04/14/2025	18:16	LB135424
	Beryllium	256	250	102	90 - 110	P	04/14/2025	18:16	LB135424
	Cadmium	2470	2500	99	90 - 110	P	04/14/2025	18:16	LB135424
	Calcium	24300	25000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Chromium	986	1000	99	90 - 110	P	04/14/2025	18:16	LB135424
	Cobalt	2470	2500	99	90 - 110	P	04/14/2025	18:16	LB135424
	Copper	1240	1250	99	90 - 110	P	04/14/2025	18:16	LB135424
	Iron	4770	5000	95	90 - 110	P	04/14/2025	18:16	LB135424
	Lead	4920	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Magnesium	24200	25000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Manganese	2430	2500	97	90 - 110	P	04/14/2025	18:16	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 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	04/14/2025	18:16	LB135424
	Potassium	23600	25000	94	90 - 110	P	04/14/2025	18:16	LB135424
	Selenium	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Silver	1230	1250	98	90 - 110	P	04/14/2025	18:16	LB135424
	Sodium	23400	25000	94	90 - 110	P	04/14/2025	18:16	LB135424
	Thallium	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Vanadium	2440	2500	97	90 - 110	P	04/14/2025	18:16	LB135424
	Zinc	2460	2500	98	90 - 110	P	04/14/2025	18:16	LB135424
CCV06	Aluminum	9630	10000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Antimony	4840	5000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Arsenic	4780	5000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Barium	9740	10000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Beryllium	252	250	101	90 - 110	P	04/14/2025	19:07	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Calcium	24200	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Chromium	957	1000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Cobalt	2460	2500	99	90 - 110	P	04/14/2025	19:07	LB135424
	Copper	1230	1250	98	90 - 110	P	04/14/2025	19:07	LB135424
	Iron	4560	5000	91	90 - 110	P	04/14/2025	19:07	LB135424
	Lead	4870	5000	98	90 - 110	P	04/14/2025	19:07	LB135424
	Magnesium	24000	25000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Manganese	2440	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Nickel	2450	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Potassium	24300	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Selenium	4820	5000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Silver	1190	1250	95	90 - 110	P	04/14/2025	19:07	LB135424
	Sodium	24200	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Thallium	4870	5000	98	90 - 110	P	04/14/2025	19:07	LB135424
	Vanadium	2430	2500	97	90 - 110	P	04/14/2025	19:07	LB135424
	Zinc	2350	2500	94	90 - 110	P	04/14/2025	19:07	LB135424
CCV07	Aluminum	9540	10000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Antimony	4810	5000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Arsenic	4740	5000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Barium	9610	10000	96	90 - 110	P	04/14/2025	19:57	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 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	240	250	96	90 - 110	P	04/14/2025	19:57	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	19:57	LB135424
	Calcium	24000	25000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Chromium	974	1000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	19:57	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	19:57	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Lead	4820	5000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Magnesium	23700	25000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	19:57	LB135424
	Nickel	2420	2500	97	90 - 110	P	04/14/2025	19:57	LB135424
	Potassium	25300	25000	101	90 - 110	P	04/14/2025	19:57	LB135424
	Selenium	4770	5000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Silver	1200	1250	96	90 - 110	P	04/14/2025	19:57	LB135424
	Sodium	25400	25000	102	90 - 110	P	04/14/2025	19:57	LB135424
	Thallium	4850	5000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	19:57	LB135424
	Zinc	2400	2500	96	90 - 110	P	04/14/2025	19:57	LB135424
CCV08	Aluminum	9600	10000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Antimony	4870	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Arsenic	4810	5000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Barium	9830	10000	98	90 - 110	P	04/14/2025	20:48	LB135424
	Beryllium	242	250	97	90 - 110	P	04/14/2025	20:48	LB135424
	Cadmium	2440	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Chromium	955	1000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	20:48	LB135424
	Iron	4750	5000	95	90 - 110	P	04/14/2025	20:48	LB135424
	Lead	4850	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Magnesium	23600	25000	94	90 - 110	P	04/14/2025	20:48	LB135424
	Manganese	2420	2500	97	90 - 110	P	04/14/2025	20:48	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Potassium	23800	25000	95	90 - 110	P	04/14/2025	20:48	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4860	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Silver	1190	1250	96	90 - 110	P	04/14/2025	20:48	LB135424
	Sodium	24000	25000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Thallium	4810	5000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	20:48	LB135424
	Zinc	2390	2500	96	90 - 110	P	04/14/2025	20:48	LB135424
CCV09	Aluminum	9520	10000	95	90 - 110	P	04/14/2025	21:38	LB135424
	Antimony	4820	5000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Arsenic	4770	5000	95	90 - 110	P	04/14/2025	21:38	LB135424
	Barium	9610	10000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Beryllium	246	250	98	90 - 110	P	04/14/2025	21:38	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	21:38	LB135424
	Calcium	23900	25000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Chromium	973	1000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	21:38	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	21:38	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Lead	4840	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Magnesium	23600	25000	94	90 - 110	P	04/14/2025	21:38	LB135424
	Manganese	2400	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
	Nickel	2430	2500	97	90 - 110	P	04/14/2025	21:38	LB135424
	Potassium	25400	25000	102	90 - 110	P	04/14/2025	21:38	LB135424
	Selenium	4800	5000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Silver	1220	1250	97	90 - 110	P	04/14/2025	21:38	LB135424
	Sodium	25700	25000	103	90 - 110	P	04/14/2025	21:38	LB135424
	Thallium	4830	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
	Zinc	2410	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
CCV10	Aluminum	9550	10000	96	90 - 110	P	04/14/2025	22:28	LB135424
	Antimony	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Arsenic	4830	5000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Barium	9670	10000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Beryllium	243	250	97	90 - 110	P	04/14/2025	22:28	LB135424
	Cadmium	2450	2500	98	90 - 110	P	04/14/2025	22:28	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23800	25000	95	90 - 110	P	04/14/2025	22:28	LB135424
	Chromium	977	1000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Cobalt	2450	2500	98	90 - 110	P	04/14/2025	22:28	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	22:28	LB135424
	Iron	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Lead	4870	5000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Magnesium	23600	25000	95	90 - 110	P	04/14/2025	22:28	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	22:28	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	22:28	LB135424
	Potassium	24400	25000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Selenium	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Silver	1220	1250	98	90 - 110	P	04/14/2025	22:28	LB135424
	Sodium	24000	25000	96	90 - 110	P	04/14/2025	22:28	LB135424
	Thallium	4900	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	22:28	LB135424
	Zinc	2430	2500	97	90 - 110	P	04/14/2025	22:28	LB135424
CCV11	Aluminum	9490	10000	95	90 - 110	P	04/14/2025	22:40	LB135424
	Antimony	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Arsenic	4800	5000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Barium	9830	10000	98	90 - 110	P	04/14/2025	22:40	LB135424
	Beryllium	241	250	96	90 - 110	P	04/14/2025	22:40	LB135424
	Cadmium	2450	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Chromium	958	1000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	22:40	LB135424
	Iron	4930	5000	99	90 - 110	P	04/14/2025	22:40	LB135424
	Lead	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Magnesium	23500	25000	94	90 - 110	P	04/14/2025	22:40	LB135424
	Manganese	2420	2500	97	90 - 110	P	04/14/2025	22:40	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Potassium	25200	25000	101	90 - 110	P	04/14/2025	22:40	LB135424
	Selenium	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Silver	1210	1250	97	90 - 110	P	04/14/2025	22:40	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1774
 Contract: TETR06 Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774
 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	25700	25000	103	90 - 110	P	04/14/2025	22:40	LB135424
	Thallium	4870	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	22:40	LB135424
	Zinc	2400	2500	96	90 - 110	P	04/14/2025	22:40	LB135424
CCV12	Aluminum	9430	10000	94	90 - 110	P	04/14/2025	23:06	LB135424
	Antimony	4830	5000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Arsenic	4760	5000	95	90 - 110	P	04/14/2025	23:06	LB135424
	Barium	9900	10000	99	90 - 110	P	04/14/2025	23:06	LB135424
	Beryllium	229	250	92	90 - 110	P	04/14/2025	23:06	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	23:06	LB135424
	Calcium	23900	25000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Chromium	965	1000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	23:06	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	23:06	LB135424
	Iron	5060	5000	101	90 - 110	P	04/14/2025	23:06	LB135424
	Lead	4830	5000	97	90 - 110	P	04/14/2025	23:06	LB135424
	Magnesium	23200	25000	93	90 - 110	P	04/14/2025	23:06	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	23:06	LB135424
	Nickel	2420	2500	97	90 - 110	P	04/14/2025	23:06	LB135424
	Potassium	27200	25000	109	90 - 110	P	04/14/2025	23:06	LB135424
	Selenium	4800	5000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Silver	1200	1250	96	90 - 110	P	04/14/2025	23:06	LB135424
	Sodium	27500	25000	110	90 - 110	P	04/14/2025	23:06	LB135424
	Thallium	4850	5000	97	90 - 110	P	04/14/2025	23:06	LB135424
	Vanadium	2380	2500	95	90 - 110	P	04/14/2025	23:06	LB135424
	Zinc	2410	2500	96	90 - 110	P	04/14/2025	23:06	LB135424



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	104	40 - 160	CV	04/11/2025	10:12	LB135388
CRI01	Aluminum	91.7	100	92	40 - 160	P	04/14/2025	14:09	LB135424
	Antimony	51.7	50.0	103	40 - 160	P	04/14/2025	14:09	LB135424
	Arsenic	22.3	20.0	112	40 - 160	P	04/14/2025	14:09	LB135424
	Barium	95.6	100	96	40 - 160	P	04/14/2025	14:09	LB135424
	Beryllium	5.76	6.0	96	40 - 160	P	04/14/2025	14:09	LB135424
	Cadmium	6.08	6.0	101	40 - 160	P	04/14/2025	14:09	LB135424
	Calcium	1970	2000	98	40 - 160	P	04/14/2025	14:09	LB135424
	Chromium	9.67	10.0	97	40 - 160	P	04/14/2025	14:09	LB135424
	Cobalt	29.3	30.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Copper	22.7	20.0	113	40 - 160	P	04/14/2025	14:09	LB135424
	Iron	102	100	102	40 - 160	P	04/14/2025	14:09	LB135424
	Lead	12.2	12.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Magnesium	2060	2000	103	40 - 160	P	04/14/2025	14:09	LB135424
	Manganese	20.4	20.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Nickel	39.4	40.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Potassium	1930	2000	97	40 - 160	P	04/14/2025	14:09	LB135424
	Selenium	19.6	20.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Silver	9.88	10.0	99	40 - 160	P	04/14/2025	14:09	LB135424
	Sodium	1840	2000	92	40 - 160	P	04/14/2025	14:09	LB135424
	Thallium	41.8	40.0	104	40 - 160	P	04/14/2025	14:09	LB135424
	Vanadium	40.7	40.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Zinc	41.0	40.0	102	40 - 160	P	04/14/2025	14:09	LB135424



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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Tetra Tech NUS, Inc.				SDG No.:	Q1774				
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q1774	SAS No.:	Q1774			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB84	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	04/11/2025	10:05	LB135388

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Tetra Tech NUS, Inc.</u>		SDG No.: <u>Q1774</u>								
Contract: <u>TETR06</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1774</u>	SAS No.: <u>Q1774</u>							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB59	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	04/11/2025	10:09	LB135388
CCB60	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	04/11/2025	10:39	LB135388
CCB61	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	04/11/2025	11:16	LB135388
CCB62	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	04/11/2025	11:43	LB135388

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	14:05	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	14:05	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:05	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	14:05	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	14:05	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	14:05	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	14:05	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	14:05	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	14:05	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:05	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	14:05	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	14:05	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	14:05	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	14:05	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	14:05	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	14:05	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:05	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	14:05	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	14:05	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	14:05	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	14:05	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	14:05	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	14:35	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	14:35	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:35	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	14:35	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	14:35	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	14:35	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	14:35	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	14:35	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	14:35	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:35	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	14:35	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	14:35	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	14:35	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	14:35	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	14:35	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	14:35	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	14:35	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	14:35	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	14:35	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	14:35	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	14:35	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	14:35	LB135424
CCB02	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	15:26	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	15:26	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	15:26	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	15:26	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	15:26	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	15:26	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	15:26	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	15:26	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	15:26	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	15:26	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	15:26	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	15:26	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	15:26	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	15:26	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	15:26	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	15:26	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	15:26	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	15:26	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	15:26	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	15:26	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	15:26	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	15:26	LB135424
CCB03	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	16:32	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	16:32	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	16:32	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	16:32	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	16:32	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	16:32	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	16:32	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	16:32	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	16:32	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	16:32	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	16:32	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	16:32	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	16:32	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	16:32	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	16:32	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	16:32	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	16:32	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	16:32	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	16:32	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	16:32	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	16:32	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	16:32	LB135424
CCB04	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	17:22	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	17:22	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	17:22	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	17:22	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	17:22	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	17:22	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	17:22	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	17:22	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	17:22	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	17:22	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	17:22	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	17:22	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	17:22	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	17:22	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	17:22	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	17:22	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	17:22	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	17:22	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	17:22	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	17:22	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	17:22	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	17:22	LB135424
CCB05	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	18:20	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	18:20	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	18:20	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	18:20	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	18:20	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	18:20	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	18:20	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	18:20	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	18:20	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	18:20	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	18:20	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	18:20	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	18:20	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	18:20	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	18:20	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	18:20	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	18:20	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	18:20	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	18:20	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	18:20	LB135424
CCB06	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	18:20	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	18:20	LB135424
	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	19:11	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	19:11	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	19:11	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	19:11	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	19:11	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	19:11	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	19:11	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	19:11	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	19:11	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	19:11	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	19:11	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	19:11	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	19:11	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	19:11	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	19:11	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	19:11	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	19:11	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	19:11	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	19:11	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	19:11	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	19:11	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	19:11	LB135424
CCB07	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	20:01	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	20:01	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:01	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	20:01	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	20:01	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	20:01	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	20:01	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	20:01	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	20:01	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:01	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	20:01	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	20:01	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	20:01	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	20:01	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	20:01	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	20:01	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:01	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	20:01	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	20:01	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	20:01	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	20:01	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	20:01	LB135424
CCB08	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	20:52	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	20:52	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:52	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	20:52	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	20:52	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	20:52	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	20:52	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	20:52	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	20:52	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:52	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	20:52	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	20:52	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	20:52	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	20:52	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	20:52	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	20:52	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	20:52	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	20:52	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	20:52	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	20:52	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	20:52	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	20:52	LB135424
CCB09	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	21:42	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	21:42	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	21:42	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	21:42	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	21:42	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	21:42	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	21:42	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	21:42	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	21:42	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	21:42	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	21:42	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	21:42	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	21:42	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	21:42	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	21:42	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	21:42	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	21:42	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	21:42	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	21:42	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	21:42	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	21:42	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	21:42	LB135424
CCB10	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	22:32	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	22:32	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:32	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	22:32	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	22:32	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	22:32	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	22:32	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	22:32	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	22:32	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:32	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	22:32	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	22:32	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	22:32	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	22:32	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	22:32	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	22:32	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:32	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	22:32	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	22:32	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	22:32	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	22:32	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	22:32	LB135424
	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	22:44	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	22:44	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:44	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	22:44	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	22:44	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	22:44	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	22:44	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	22:44	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	22:44	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:44	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	22:44	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	22:44	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	22:44	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	22:44	LB135424

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1774								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1774	SAS No.: Q1774							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	22:44	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	22:44	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	22:44	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	22:44	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	22:44	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	22:44	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	22:44	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	22:44	LB135424
CCB12	Aluminum	100	+/-100	U	80.0	100	P	04/14/2025	23:11	LB135424
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	04/14/2025	23:11	LB135424
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	23:11	LB135424
	Barium	100	+/-100	U	25.0	100	P	04/14/2025	23:11	LB135424
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	23:11	LB135424
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	04/14/2025	23:11	LB135424
	Calcium	2000	+/-2000	U	500	2000	P	04/14/2025	23:11	LB135424
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	23:11	LB135424
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	04/14/2025	23:11	LB135424
	Copper	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	23:11	LB135424
	Iron	100	+/-100	U	80.0	100	P	04/14/2025	23:11	LB135424
	Lead	12.0	+/-12.0	U	9.60	12.0	P	04/14/2025	23:11	LB135424
	Magnesium	2000	+/-2000	U	500	2000	P	04/14/2025	23:11	LB135424
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	04/14/2025	23:11	LB135424
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	23:11	LB135424
	Potassium	2000	+/-2000	U	1600	2000	P	04/14/2025	23:11	LB135424
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	04/14/2025	23:11	LB135424
	Silver	10.0	+/-10.0	U	5.00	10.0	P	04/14/2025	23:11	LB135424
	Sodium	2000	+/-2000	U	1000	2000	P	04/14/2025	23:11	LB135424
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	23:11	LB135424
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	04/14/2025	23:11	LB135424
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	04/14/2025	23:11	LB135424

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167569BL		WATER		Batch Number:		PB167569		Prep Date:	04/10/2025	
	Mercury	0.20	<0.20	U	0.16	0.20	CV	04/11/2025	10:35	LB135388

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167567BL	WATER			Batch Number:		PB167567		Prep Date:	04/11/2025	
	Aluminum	50.0	<50.0	U	40.0	50.0	P	04/14/2025	17:52	LB135424
	Antimony	25.0	<25.0	U	6.25	25.0	P	04/14/2025	17:52	LB135424
	Arsenic	10.0	<10.0	U	8.00	10.0	P	04/14/2025	17:52	LB135424
	Barium	50.0	<50.0	U	12.5	50.0	P	04/14/2025	17:52	LB135424
	Beryllium	3.00	<3.00	U	0.75	3.00	P	04/14/2025	17:52	LB135424
	Cadmium	3.00	<3.00	U	0.75	3.00	P	04/14/2025	17:52	LB135424
	Calcium	1000	<1000	U	250	1000	P	04/14/2025	17:52	LB135424
	Chromium	5.00	<5.00	U	2.50	5.00	P	04/14/2025	17:52	LB135424
	Cobalt	15.0	<15.0	U	3.75	15.0	P	04/14/2025	17:52	LB135424
	Copper	10.0	<10.0	U	8.00	10.0	P	04/14/2025	17:52	LB135424
	Iron	50.0	<50.0	U	40.0	50.0	P	04/14/2025	17:52	LB135424
	Lead	6.00	<6.00	U	4.80	6.00	P	04/14/2025	17:52	LB135424
	Magnesium	1000	<1000	U	250	1000	P	04/14/2025	17:52	LB135424
	Manganese	10.0	<10.0	U	2.50	10.0	P	04/14/2025	17:52	LB135424
	Nickel	20.0	<20.0	U	5.00	20.0	P	04/14/2025	17:52	LB135424
	Potassium	1000	<1000	U	800	1000	P	04/14/2025	17:52	LB135424
	Selenium	10.0	<10.0	U	8.00	10.0	P	04/14/2025	17:52	LB135424
	Silver	5.00	<5.00	U	2.50	5.00	P	04/14/2025	17:52	LB135424
	Sodium	1000	<1000	U	500	1000	P	04/14/2025	17:52	LB135424
	Thallium	20.0	<20.0	U	10.0	20.0	P	04/14/2025	17:52	LB135424
	Vanadium	20.0	<20.0	U	10.0	20.0	P	04/14/2025	17:52	LB135424
	Zinc	20.0	<20.0	U	5.00	20.0	P	04/14/2025	17:52	LB135424

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	236000	255000	92	216000	294000	04/14/2025	14:14	LB135424
	Antimony	1.38			-50	50	04/14/2025	14:14	LB135424
	Arsenic	10.8			-20	20	04/14/2025	14:14	LB135424
	Barium	4.69	6.0	78	-94	106	04/14/2025	14:14	LB135424
	Beryllium	1.32			-6	6	04/14/2025	14:14	LB135424
	Cadmium	-1.94	1.0	194	-5	7	04/14/2025	14:14	LB135424
	Calcium	226000	245000	92	208000	282000	04/14/2025	14:14	LB135424
	Chromium	55.2	52.0	106	42	62	04/14/2025	14:14	LB135424
	Cobalt	1.77			-30	30	04/14/2025	14:14	LB135424
	Copper	9.26	2.0	463	-18	22	04/14/2025	14:14	LB135424
	Iron	99000	101000	98	85600	116500	04/14/2025	14:14	LB135424
	Lead	5.03			-12	12	04/14/2025	14:14	LB135424
	Magnesium	242000	255000	95	216000	294000	04/14/2025	14:14	LB135424
	Manganese	-0.13	7.0	2	-13	27	04/14/2025	14:14	LB135424
	Nickel	1.20	2.0	60	-38	42	04/14/2025	14:14	LB135424
	Potassium	11.8			0	0	04/14/2025	14:14	LB135424
	Selenium	-0.72			-20	20	04/14/2025	14:14	LB135424
	Silver	-3.74			-10	10	04/14/2025	14:14	LB135424
	Sodium	81.4			0	0	04/14/2025	14:14	LB135424
	Thallium	5.49			-40	40	04/14/2025	14:14	LB135424
	Vanadium	3.78			-40	40	04/14/2025	14:14	LB135424
	Zinc	4.10			-40	40	04/14/2025	14:14	LB135424
ICSAB01	Aluminum	236000	247000	96	209000	285000	04/14/2025	14:18	LB135424
	Antimony	646	618	104	525	711	04/14/2025	14:18	LB135424
	Arsenic	114	104	110	88.4	120	04/14/2025	14:18	LB135424
	Barium	479	537	89	437	637	04/14/2025	14:18	LB135424
	Beryllium	493	495	100	420	570	04/14/2025	14:18	LB135424
	Cadmium	1040	972	107	826	1120	04/14/2025	14:18	LB135424
	Calcium	226000	235000	96	199000	271000	04/14/2025	14:18	LB135424
	Chromium	553	542	102	460	624	04/14/2025	14:18	LB135424
	Cobalt	507	476	106	404	548	04/14/2025	14:18	LB135424
	Copper	506	511	99	434	588	04/14/2025	14:18	LB135424
	Iron	95200	99300	96	84400	114500	04/14/2025	14:18	LB135424
	Lead	53.8	49.0	110	37	61	04/14/2025	14:18	LB135424
	Magnesium	243000	248000	98	210000	286000	04/14/2025	14:18	LB135424
	Manganese	471	507	93	430	584	04/14/2025	14:18	LB135424
	Nickel	1000	954	105	810	1100	04/14/2025	14:18	LB135424
	Potassium	-12.3			0	0	04/14/2025	14:18	LB135424
	Selenium	47.1	46.0	102	26	66	04/14/2025	14:18	LB135424
	Silver	179	201	89	170	232	04/14/2025	14:18	LB135424
	Sodium	66.6			0	0	04/14/2025	14:18	LB135424
	Thallium	103	108	95	68	148	04/14/2025	14:18	LB135424

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech NUS, Inc.</u>	SDG No.: <u>Q1774</u>
Contract: <u>TETR06</u> Lab Code: <u>CHEM</u>	Case No.: <u>Q1774</u> SAS No.: <u>Q1774</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	473	491	96	417	565	04/14/2025	14:18	LB135424
	Zinc	1040	952	109	809	1095	04/14/2025	14:18	LB135424



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. level: low sdg no.: Q1774
contract: TETR06 lab code: CHEM case no.: Q1774 sas no.: Q1774
matrix: Water sample id: Q1746-05 client id: B-158-GW01MS
Percent Solids for Sample: NA Spiked ID: Q1746-05MS Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.22		0.20	J	4.0	51	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1774</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1774</u> sas no.: <u>Q1774</u>
matrix: <u>Water</u>	sample id: <u>Q1746-05</u>	client id: <u>B-158-GW01MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1746-05MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.16		0.20	J	4.0	49	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Tetra Tech NUS, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q1774</u>
contract:	<u>TETR06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1774</u>
matrix:	<u>Water</u>	sample id:	<u>Q1774-02</u>	client id:	<u>TT-073-IDWGW-20250409MS</u>
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1774-02MS</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	9510		10000		1000	-49		P
Antimony	ug/L	88 - 113	380		25.0	U	400	95		P
Arsenic	ug/L	87 - 113	378		9.21	J	400	92		P
Barium	ug/L	88 - 113	137		94.7		100	42	N	P
Beryllium	ug/L	89 - 112	94.1		1.44	J	100	93		P
Cadmium	ug/L	88 - 113	97.2		3.00	U	100	97		P
Calcium	ug/L	87 - 113	5740		11100		500	-1080		P
Chromium	ug/L	90 - 113	205		37.4		200	84	N	P
Cobalt	ug/L	89 - 114	98.5		8.71	J	100	90		P
Copper	ug/L	86 - 114	158		42.7		150	77	N	P
Iron	ug/L	87 - 115	6130		9850		1500	-248		P
Lead	ug/L	86 - 113	479		22.2		500	91		P
Magnesium	ug/L	85 - 113	2820		3630		1000	-81	N	P
Manganese	ug/L	90 - 114	207		237		100	-30	N	P
Nickel	ug/L	88 - 113	244		18.1	J	250	90		P
Potassium	ug/L	86 - 114	38100		78500		5000	-807		P
Selenium	ug/L	83 - 114	900		10.0	U	1000	90		P
Silver	ug/L	84 - 115	33.7		5.00	U	37.5	90		P
Sodium	ug/L	87 - 115	27200		61400		1500	-2285		P
Thallium	ug/L	85 - 114	935		20.0	U	1000	94		P
Vanadium	ug/L	90 - 111	148		22.5		150	84	N	P
Zinc	ug/L	87 - 115	122		45.6		100	77	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1774</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1774</u> sas no.: <u>Q1774</u>
matrix: <u>Water</u>	sample id: <u>Q1774-02</u>	client id: <u>TT-073-IDWGW-20250409MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1774-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	9360		10000		1000	-64		P
Antimony	ug/L	88 - 113	377		25.0	U	400	94		P
Arsenic	ug/L	87 - 113	375		9.21	J	400	91		P
Barium	ug/L	88 - 113	140		94.7		100	45	N	P
Beryllium	ug/L	89 - 112	95.1		1.44	J	100	94		P
Cadmium	ug/L	88 - 113	96.1		3.00	U	100	96		P
Calcium	ug/L	87 - 113	6340		11100		500	-960		P
Chromium	ug/L	90 - 113	204		37.4		200	83	N	P
Cobalt	ug/L	89 - 114	98.1		8.71	J	100	89		P
Copper	ug/L	86 - 114	158		42.7		150	77	N	P
Iron	ug/L	87 - 115	6480		9850		1500	-225		P
Lead	ug/L	86 - 113	473		22.2		500	90		P
Magnesium	ug/L	85 - 113	3000		3630		1000	-62	N	P
Manganese	ug/L	90 - 114	220		237		100	-17	N	P
Nickel	ug/L	88 - 113	241		18.1	J	250	89		P
Potassium	ug/L	86 - 114	41400		78500		5000	-742		P
Selenium	ug/L	83 - 114	891		10.0	U	1000	89		P
Silver	ug/L	84 - 115	33.6		5.00	U	37.5	90		P
Sodium	ug/L	87 - 115	29800		61400		1500	-2109		P
Thallium	ug/L	85 - 114	928		20.0	U	1000	93		P
Vanadium	ug/L	90 - 111	147		22.5		150	83	N	P
Zinc	ug/L	87 - 115	120		45.6		100	74	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Matrix: Water

Level: LOW

Client ID: B-158-GW01A

Sample ID: Q1746-05

Spiked ID: Q1746-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.23		0.20	J	4.00	76		CV

A
B
C
D
E
F
G
H

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

Matrix: Water **Level:** LOW **Client ID:** TT-073-IDWGW-20250409A

Sample ID: Q1774-02 **Spiked ID:** Q1774-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	163		94.7		100	69		P
Chromium	ug/L	90 - 113	208		37.4		200	85		P
Copper	ug/L	86 - 114	168		42.7		150	84		P
Magnesium	ug/L	85 - 113	3860		3630		1000	24		P
Manganese	ug/L	90 - 114	306		237		100	69		P
Vanadium	ug/L	90 - 111	149		22.5		150	85		P
Zinc	ug/L	87 - 115	128		45.6		100	83		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1774</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1774</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1746-05</u>	Client ID:	<u>B-158-GW01DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1746-05DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	J	0.20	J	0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1774</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1774</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1746-05MS</u>	Client ID:	<u>B-158-GW01MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1746-05MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.22		2.16		3		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774
Matrix: Water **Sample ID:** Q1774-02 **Client ID:** TT-073-IDWGW-20250409DUP
Percent Solids for Sample: NA **Duplicate ID** Q1774-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	10000		11700		16		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	9.21	J	8.39	J	9		P
Barium	ug/L	20	94.7		94.5		0		P
Beryllium	ug/L	20	1.44	J	1.48	J	3		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	11100		10600		5		P
Chromium	ug/L	20	37.4		35.7		5		P
Cobalt	ug/L	20	8.71	J	8.49	J	3		P
Copper	ug/L	20	42.7		40.2		6		P
Iron	ug/L	20	9850		9770		1		P
Lead	ug/L	20	22.2		21.8		2		P
Magnesium	ug/L	20	3630		3740		3		P
Manganese	ug/L	20	237		233		2		P
Nickel	ug/L	20	18.1	J	16.4	J	10		P
Potassium	ug/L	20	78500		73600		6		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	61400		57300		7		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	22.5		22.2		1		P
Zinc	ug/L	20	45.6		41.0		11		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774
Matrix: Water **Sample ID:** Q1774-02MS **Client ID:** TT-073-IDWGW-20250409MSD
Percent Solids for Sample: NA **Duplicate ID** Q1774-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	9510		9360		2		P
Antimony	ug/L	20	380		377		1		P
Arsenic	ug/L	20	378		375		1		P
Barium	ug/L	20	137		140		2		P
Beryllium	ug/L	20	94.1		95.1		1		P
Cadmium	ug/L	20	97.2		96.1		1		P
Calcium	ug/L	20	5740		6340		10		P
Chromium	ug/L	20	205		204		0		P
Cobalt	ug/L	20	98.5		98.1		0		P
Copper	ug/L	20	158		158		0		P
Iron	ug/L	20	6130		6480		6		P
Lead	ug/L	20	479		473		1		P
Magnesium	ug/L	20	2820		3000		6		P
Manganese	ug/L	20	207		220		6		P
Nickel	ug/L	20	244		241		1		P
Potassium	ug/L	20	38100		41400		8		P
Selenium	ug/L	20	900		891		1		P
Silver	ug/L	20	33.7		33.6		0		P
Sodium	ug/L	20	27200		29800		9		P
Thallium	ug/L	20	935		928		1		P
Vanadium	ug/L	20	148		147		1		P
Zinc	ug/L	20	122		120		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1774 **SAS No.:** Q1774

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167567BS							
Aluminum	ug/L	1000	948		95	86 - 115	P
Antimony	ug/L	400	405		101	88 - 113	P
Arsenic	ug/L	400	401		100	87 - 113	P
Barium	ug/L	100	96.6		97	88 - 113	P
Beryllium	ug/L	100	95.2		95	89 - 112	P
Cadmium	ug/L	100	101		101	88 - 113	P
Calcium	ug/L	500	504	J	101	87 - 113	P
Chromium	ug/L	200	199		100	90 - 113	P
Cobalt	ug/L	100	98.3		98	89 - 114	P
Copper	ug/L	150	154		103	86 - 114	P
Iron	ug/L	1500	1530		102	87 - 115	P
Lead	ug/L	500	500		100	86 - 113	P
Magnesium	ug/L	1000	943	J	94	85 - 113	P
Manganese	ug/L	100	99.1		99	90 - 114	P
Nickel	ug/L	250	246		98	88 - 113	P
Potassium	ug/L	5000	4890		98	86 - 114	P
Selenium	ug/L	1000	1010		101	83 - 114	P
Silver	ug/L	37.5	36.6		98	84 - 115	P
Sodium	ug/L	1500	1430		95	87 - 115	P
Thallium	ug/L	1000	1030		103	85 - 114	P
Vanadium	ug/L	150	145		97	90 - 111	P
Zinc	ug/L	100	99.1		99	87 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167569BS Mercury	ug/L	4.0	4.04		101	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B-158-GW01L

Lab Name: Chemtech Consulting Group **Contract:** TETR06
Lab Code: CHEM **Lb No.:** lb135388 **Lab Sample ID :** Q1746-05L **SDG No.:** Q1774
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
Mercury	0.20 J	1.00 U	100.0		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TT-073-IDWGW-20250409L

Lab Name: Chemtech Consulting Group

Contract: TETR06

Lab Code: CHEM **Lb No.:** lb135424

Lab Sample ID : Q1774-02L

SDG No.: Q1774

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
Aluminum	10000		13000		30		P
Antimony	25.0	U	125	U			P
Arsenic	9.21	J	50.0	U	100.0		P
Barium	94.7		94.4	J	0		P
Beryllium	1.44	J	1.72	J	20		P
Cadmium	3.00	U	15.0	U			P
Calcium	11100		11100		0		P
Chromium	37.4		37.6		0		P
Cobalt	8.71	J	8.38	J	4		P
Copper	42.7		44.2	J	3		P
Iron	9850		9760		1		P
Lead	22.2		23.8	J	7		P
Magnesium	3630		4070	J	12		P
Manganese	237		247		4		P
Nickel	18.1	J	15.7	J	13		P
Potassium	78500		68100		13		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	61400		52200		15		P
Thallium	20.0	U	100	U			P
Vanadium	22.5		24.1	J	7		P
Zinc	45.6		42.6	J	7		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1774

Contract: TETR06

Lab Code: CHEM

Case No.: Q1774

SAS No.: Q1774

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1774</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1774</u>
		SAS No.:	<u>Q1774</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167567							
PB167567BL	PB167567BL	MB	WATER	04/11/2025	50.0	25.0	
PB167567BS	PB167567BS	LCS	WATER	04/11/2025	50.0	25.0	
Q1774-02	TT-073-IDWGW-20250409	SAM	WATER	04/11/2025	50.0	25.0	
Q1774-02DUP	TT-073-IDWGW-20250409DUP	DUP	WATER	04/11/2025	50.0	25.0	
Q1774-02MS	TT-073-IDWGW-20250409MS	MS	WATER	04/11/2025	50.0	25.0	
Q1774-02MSD	TT-073-IDWGW-20250409MSD	MSD	WATER	04/11/2025	50.0	25.0	
Q1774-03	TT-074-IDWGW-20250409	SAM	WATER	04/11/2025	50.0	25.0	
Q1774-04	TT-075-IDWGW-20250409	SAM	WATER	04/11/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1774</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1774</u>
		SAS No.:	<u>Q1774</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167569							
PB167569BL	PB167569BL	MB	WATER	04/10/2025	30.0	30.0	
PB167569BS	PB167569BS	LCS	WATER	04/10/2025	30.0	30.0	
Q1746-05DUP	B-158-GW01DUP	DUP	WATER	04/10/2025	30.0	30.0	
Q1746-05MS	B-158-GW01MS	MS	WATER	04/10/2025	30.0	30.0	
Q1746-05MSD	B-158-GW01MSD	MSD	WATER	04/10/2025	30.0	30.0	
Q1774-02	TT-073-IDWGW-20250409	SAM	WATER	04/10/2025	30.0	30.0	
Q1774-03	TT-074-IDWGW-20250409	SAM	WATER	04/10/2025	30.0	30.0	
Q1774-04	TT-075-IDWGW-20250409	SAM	WATER	04/10/2025	30.0	30.0	

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ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: CHEM **Case no.:** Q1774 **Sas no.:** Q1774 **Sdg no.:** Q1774

Instrument id number: **Method:** **Run number:** LB135388

Start date: 04/11/2025 **End date:** 04/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0945	HG
S0.2	S0.2	1	0948	HG
S2.5	S2.5	1	0950	HG
S5	S5	1	0952	HG
S7.5	S7.5	1	0954	HG
S10	S10	1	1000	HG
ICV84	ICV84	1	1003	HG
ICB84	ICB84	1	1005	HG
CCV59	CCV59	1	1007	HG
CCB59	CCB59	1	1009	HG
CRA	CRA	1	1012	HG
PB167569BL	PB167569BL	1	1035	HG
CCV60	CCV60	1	1037	HG
CCB60	CCB60	1	1039	HG
PB167569BS	PB167569BS	1	1046	HG
Q1746-05DUP	B-158-GW01DUP	1	1058	HG
Q1746-05MS	B-158-GW01MS	1	1100	HG
Q1746-05MSD	B-158-GW01MSD	1	1103	HG
Q1774-02	TT-073-IDWGW-20250409	1	1109	HG
Q1774-03	TT-074-IDWGW-20250409	1	1112	HG
CCV61	CCV61	1	1114	HG
CCB61	CCB61	1	1116	HG
Q1774-04	TT-075-IDWGW-20250409	1	1119	HG
Q1746-05L	B-158-GW01L	5	1128	HG
Q1746-05A	B-158-GW01A	1	1130	HG
CCV62	CCV62	1	1141	HG
CCB62	CCB62	1	1143	HG

metals
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ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: CHEM **Case no.:** Q1774 **Sas no.:** Q1774 **Sdg no.:** Q1774

Instrument id number: **Method:** **Run number:** LB135424

Start date: 04/14/2025 **End date:** 04/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1313	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	1317	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	1322	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	1326	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	1330	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	1334	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	1356	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	1401	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	1405	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	1409	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	1414	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	1418	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	1431	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	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02	TT-073-IDWGW-20250409	1	1505	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-03	TT-074-IDWGW-20250409	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-04	TT-075-IDWGW-20250409	1	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02DUP	TT-073-IDWGW-20250409DUP	1	1518	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	1522	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	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02L	TT-073-IDWGW-20250409L	5	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02MS	TT-073-IDWGW-20250409MS	1	1535	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02MSD	TT-073-IDWGW-20250409MSD	1	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1774-02A	TT-073-IDWGW-20250409A	1	1543	Ba,Cr,Cu,Mg,Mn,V,Zn
CCV03	CCV03	1	1628	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	1632	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	1718	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	1722	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167567BL	PB167567BL	1	1752	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167567BS	PB167567BS	1	1756	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	1816	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	1820	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	1907	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	1911	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	1957	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	2001	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	2048	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	2052	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	2138	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	2142	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	2228	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: CHEM **Case no.:** Q1774 **Sas no.:** Q1774 **Sdg no.:** Q1774

Instrument id number: **Method:** **Run number:** LB135424

Start date: 04/14/2025 **End date:** 04/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB10	CCB10	1	2232	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	2240	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	2244	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	2306	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	2311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn