

LAB CHRONICLE

OrderID:	Q2064	OrderDate:	5/16/2025 10:39:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2064-01	RW8-SP100-70-20250 514	Water			05/14/25			05/16/25
			Mercury	7470A		05/16/25	05/20/25	
			Metals ICP-TAL	6010D		05/16/25	05/19/25	
Q2064-04	RW8-SP303-70-20250 514	Water			05/14/25			05/16/25
			Mercury	7470A		05/16/25	05/20/25	
			Metals ICP-TAL	6010D		05/16/25	05/19/25	
Q2064-05	RW8-SP100-90-20250 514	Water			05/14/25			05/16/25
			Mercury	7470A		05/16/25	05/20/25	
			Metals ICP-TAL	6010D		05/16/25	05/19/25	
Q2064-08	RW8-SP303-90-20250 514	Water			05/14/25			05/16/25
			Mercury	7470A		05/16/25	05/20/25	
			Metals ICP-TAL	6010D		05/16/25	05/19/25	

Hit Summary Sheet SW-846

SDG No.: Q2064 **Order ID:** Q2064
Client: Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : RW8-SP100-70-20250514									
Q2064-01	RW8-SP100-70-20250514	Water	Aluminum	87.2		5.67	40.0	50.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Calcium	2200		117	250	1000	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Cobalt	3.20	J	1.13	3.75	15.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Copper	2.73	J	2.30	8.00	10.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Iron	2720		11.7	40.0	50.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Lead	3.49	J	1.15	4.80	6.00	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Magnesium	869	J	122	250	1000	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Manganese	48.6		2.97	7.50	10.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Nickel	3.67	J	1.53	5.00	20.0	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Potassium	746	J	459	800	1000	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Sodium	7070		434	500	1000	ug/L
Q2064-01	RW8-SP100-70-20250514	Water	Zinc	10.1	J	8.33	7.50	20.0	ug/L
Client ID : RW8-SP303-70-20250514									
Q2064-04	RW8-SP303-70-20250514	Water	Aluminum	7.58	J	5.67	40.0	50.0	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Calcium	522	J	117	250	1000	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Copper	3.22	J	2.30	8.00	10.0	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Iron	247		11.7	40.0	50.0	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Lead	1.47	J	1.15	4.80	6.00	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Magnesium	275	J	122	250	1000	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Manganese	14.1		2.97	7.50	10.0	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Nickel	9.76	J	1.53	5.00	20.0	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Potassium	320000		459	800	1000	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Sodium	51100		434	500	1000	ug/L
Q2064-04	RW8-SP303-70-20250514	Water	Zinc	31.1		8.33	7.50	20.0	ug/L
Client ID : RW8-SP100-90-20250514									
Q2064-05	RW8-SP100-90-20250514	Water	Aluminum	32.9	J	5.67	40.0	50.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Calcium	2080		117	250	1000	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Cobalt	2.86	J	1.13	3.75	15.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Copper	23.6		2.30	8.00	10.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Iron	1440		11.7	40.0	50.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Lead	45.9		1.15	4.80	6.00	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Magnesium	796	J	122	250	1000	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Manganese	26.2		2.97	7.50	10.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Nickel	3.85	J	1.53	5.00	20.0	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Potassium	526	J	459	800	1000	ug/L
Q2064-05	RW8-SP100-90-20250514	Water	Sodium	5900		434	500	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2064

Order ID: Q2064

Client: Tetra Tech NUS, Inc.

Project ID: NWIRP Bethpage 112G08005-WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2064-05	RW8-SP100-90-20250514	Water	Zinc	114		8.33	7.50	20.0	ug/L
Client ID : RW8-SP303-90-20250514									
Q2064-08	RW8-SP303-90-20250514	Water	Aluminum	9.84	J	5.67	40.0	50.0	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Barium	15.2	J	7.28	12.5	50.0	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Calcium	572	J	117	250	1000	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Iron	281		11.7	40.0	50.0	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Magnesium	284	J	122	250	1000	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Manganese	23.9		2.97	7.50	10.0	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Nickel	18.7	J	1.53	5.00	20.0	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Potassium	320000		459	800	1000	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Sodium	51400		434	500	1000	ug/L
Q2064-08	RW8-SP303-90-20250514	Water	Zinc	26.4		8.33	7.50	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/16/25
Client Sample ID:	RW8-SP100-70-20250514	SDG No.:	Q2064
Lab Sample ID:	Q2064-01	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	87.2		1	5.67	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-36-0	Antimony	6.25	U	1	3.38	6.25	25.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-39-3	Barium	12.5	U	1	7.28	12.5	50.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-41-7	Beryllium	0.75	U	1	0.28	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-70-2	Calcium	2200		1	117	250	1000	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-48-4	Cobalt	3.20	J	1	1.13	3.75	15.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-50-8	Copper	2.73	J	1	2.30	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7439-89-6	Iron	2720	N	1	11.7	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7439-92-1	Lead	3.49	J	1	1.15	4.80	6.00	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7439-95-4	Magnesium	869	J	1	122	250	1000	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7439-96-5	Manganese	48.6		1	2.97	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/16/25 14:20	05/20/25 11:13	7470A	
7440-02-0	Nickel	3.67	J	1	1.53	5.00	20.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-09-7	Potassium	746	J	1	459	800	1000	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-22-4	Silver	2.50	UN	1	0.81	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-23-5	Sodium	7070		1	434	500	1000	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010
7440-66-6	Zinc	10.1	J	1	8.33	7.50	20.0	ug/L	05/16/25 10:30	05/19/25 18:52	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/16/25
Client Sample ID:	RW8-SP303-70-20250514	SDG No.:	Q2064
Lab Sample ID:	Q2064-04	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	7.58	J	1	5.67	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-36-0	Antimony	6.25	U	1	3.38	6.25	25.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-39-3	Barium	12.5	U	1	7.28	12.5	50.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-41-7	Beryllium	0.75	U	1	0.28	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-70-2	Calcium	522	J	1	117	250	1000	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-50-8	Copper	3.22	J	1	2.30	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7439-89-6	Iron	247	N	1	11.7	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7439-92-1	Lead	1.47	J	1	1.15	4.80	6.00	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7439-95-4	Magnesium	275	J	1	122	250	1000	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7439-96-5	Manganese	14.1		1	2.97	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/16/25 14:20	05/20/25 11:23	7470A	
7440-02-0	Nickel	9.76	J	1	1.53	5.00	20.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-09-7	Potassium	320000		1	459	800	1000	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-22-4	Silver	2.50	UN	1	0.81	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-23-5	Sodium	51100		1	434	500	1000	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010
7440-66-6	Zinc	31.1		1	8.33	7.50	20.0	ug/L	05/16/25 10:30	05/19/25 18:56	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/16/25
Client Sample ID:	RW8-SP100-90-20250514	SDG No.:	Q2064
Lab Sample ID:	Q2064-05	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	32.9	J	1	5.67	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-36-0	Antimony	6.25	U	1	3.38	6.25	25.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-39-3	Barium	12.5	U	1	7.28	12.5	50.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-41-7	Beryllium	0.75	U	1	0.28	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-70-2	Calcium	2080		1	117	250	1000	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-48-4	Cobalt	2.86	J	1	1.13	3.75	15.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-50-8	Copper	23.6		1	2.30	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7439-89-6	Iron	1440	N	1	11.7	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7439-92-1	Lead	45.9		1	1.15	4.80	6.00	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7439-95-4	Magnesium	796	J	1	122	250	1000	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7439-96-5	Manganese	26.2		1	2.97	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/16/25 14:20	05/20/25 11:25	7470A	
7440-02-0	Nickel	3.85	J	1	1.53	5.00	20.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-09-7	Potassium	526	J	1	459	800	1000	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-22-4	Silver	2.50	UN	1	0.81	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-23-5	Sodium	5900		1	434	500	1000	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010
7440-66-6	Zinc	114		1	8.33	7.50	20.0	ug/L	05/16/25 10:30	05/19/25 19:01	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/16/25
Client Sample ID:	RW8-SP303-90-20250514	SDG No.:	Q2064
Lab Sample ID:	Q2064-08	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	9.84	J	1	5.67	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-36-0	Antimony	6.25	U	1	3.38	6.25	25.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-39-3	Barium	15.2	J	1	7.28	12.5	50.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-41-7	Beryllium	0.75	U	1	0.28	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-70-2	Calcium	572	J	1	117	250	1000	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-50-8	Copper	8.00	U	1	2.30	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7439-89-6	Iron	281	N	1	11.7	40.0	50.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7439-92-1	Lead	4.80	U	1	1.15	4.80	6.00	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7439-95-4	Magnesium	284	J	1	122	250	1000	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7439-96-5	Manganese	23.9		1	2.97	7.50	10.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/16/25 14:20	05/20/25 11:27	7470A	
7440-02-0	Nickel	18.7	J	1	1.53	5.00	20.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-09-7	Potassium	320000		1	459	800	1000	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-22-4	Silver	2.50	UN	1	0.81	2.50	5.00	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-23-5	Sodium	51400		1	434	500	1000	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010
7440-66-6	Zinc	26.4		1	8.33	7.50	20.0	ug/L	05/16/25 10:30	05/19/25 19:05	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
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
ICV11	Mercury	4.19	4.0	105	90 - 110	CV	05/20/2025	09:36	LB135832

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

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
CCV40	Mercury	4.95	5.0	99	90 - 110	CV	05/20/2025	09:43	LB135832
CCV41	Mercury	4.68	5.0	94	90 - 110	CV	05/20/2025	10:13	LB135832
CCV42	Mercury	4.92	5.0	98	90 - 110	CV	05/20/2025	10:42	LB135832
CCV43	Mercury	5.34	5.0	107	90 - 110	CV	05/20/2025	11:09	LB135832
CCV44	Mercury	4.83	5.0	97	90 - 110	CV	05/20/2025	11:36	LB135832
CCV45	Mercury	4.84	5.0	97	90 - 110	CV	05/20/2025	11:55	LB135832

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

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	2510	2500	100	90 - 110	P	05/19/2025	12:28	LB135823
	Antimony	1030	1000	102	90 - 110	P	05/19/2025	12:28	LB135823
	Arsenic	992	1000	99	90 - 110	P	05/19/2025	12:28	LB135823
	Barium	493	520	95	90 - 110	P	05/19/2025	12:28	LB135823
	Beryllium	501	510	98	90 - 110	P	05/19/2025	12:28	LB135823
	Cadmium	508	510	100	90 - 110	P	05/19/2025	12:28	LB135823
	Calcium	9850	10000	98	90 - 110	P	05/19/2025	12:28	LB135823
	Chromium	519	520	100	90 - 110	P	05/19/2025	12:28	LB135823
	Cobalt	503	520	97	90 - 110	P	05/19/2025	12:28	LB135823
	Copper	515	510	101	90 - 110	P	05/19/2025	12:28	LB135823
	Iron	9600	10000	96	90 - 110	P	05/19/2025	12:28	LB135823
	Lead	998	1000	100	90 - 110	P	05/19/2025	12:28	LB135823
	Magnesium	5770	6000	96	90 - 110	P	05/19/2025	12:28	LB135823
	Manganese	511	520	98	90 - 110	P	05/19/2025	12:28	LB135823
	Nickel	504	530	95	90 - 110	P	05/19/2025	12:28	LB135823
	Potassium	9360	9900	95	90 - 110	P	05/19/2025	12:28	LB135823
	Selenium	1010	1000	101	90 - 110	P	05/19/2025	12:28	LB135823
	Silver	232	250	93	90 - 110	P	05/19/2025	12:28	LB135823
	Sodium	9970	10000	100	90 - 110	P	05/19/2025	12:28	LB135823
	Thallium	1030	1000	103	90 - 110	P	05/19/2025	12:28	LB135823
	Vanadium	497	500	100	90 - 110	P	05/19/2025	12:28	LB135823
	Zinc	1020	1000	102	90 - 110	P	05/19/2025	12:28	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

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	106	100	106	80 - 120	P	05/19/2025	12:38	LB135823
	Antimony	54.4	50.0	109	80 - 120	P	05/19/2025	12:38	LB135823
	Arsenic	18.1	20.0	91	80 - 120	P	05/19/2025	12:38	LB135823
	Barium	95.7	100	96	80 - 120	P	05/19/2025	12:38	LB135823
	Beryllium	6.32	6.0	105	80 - 120	P	05/19/2025	12:38	LB135823
	Cadmium	6.31	6.0	105	80 - 120	P	05/19/2025	12:38	LB135823
	Calcium	2040	2000	102	80 - 120	P	05/19/2025	12:38	LB135823
	Chromium	9.85	10.0	98	80 - 120	P	05/19/2025	12:38	LB135823
	Cobalt	30.1	30.0	100	80 - 120	P	05/19/2025	12:38	LB135823
	Copper	22.6	20.0	113	80 - 120	P	05/19/2025	12:38	LB135823
	Iron	101	100	101	80 - 120	P	05/19/2025	12:38	LB135823
	Lead	11.2	12.0	93	80 - 120	P	05/19/2025	12:38	LB135823
	Magnesium	2130	2000	106	80 - 120	P	05/19/2025	12:38	LB135823
	Manganese	21.6	20.0	108	80 - 120	P	05/19/2025	12:38	LB135823
	Nickel	40.4	40.0	101	80 - 120	P	05/19/2025	12:38	LB135823
	Potassium	1880	2000	94	80 - 120	P	05/19/2025	12:38	LB135823
	Selenium	22.2	20.0	111	80 - 120	P	05/19/2025	12:38	LB135823
	Silver	10.5	10.0	105	80 - 120	P	05/19/2025	12:38	LB135823
	Sodium	1840	2000	92	80 - 120	P	05/19/2025	12:38	LB135823
	Thallium	44.4	40.0	111	80 - 120	P	05/19/2025	12:38	LB135823
	Vanadium	41.2	40.0	103	80 - 120	P	05/19/2025	12:38	LB135823
	Zinc	41.7	40.0	104	80 - 120	P	05/19/2025	12:38	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
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	10300	10000	104	90 - 110	P	05/19/2025	13:15	LB135823
	Antimony	5120	5000	102	90 - 110	P	05/19/2025	13:15	LB135823
	Arsenic	5120	5000	102	90 - 110	P	05/19/2025	13:15	LB135823
	Barium	10100	10000	101	90 - 110	P	05/19/2025	13:15	LB135823
	Beryllium	269	250	107	90 - 110	P	05/19/2025	13:15	LB135823
	Cadmium	2540	2500	102	90 - 110	P	05/19/2025	13:15	LB135823
	Calcium	25400	25000	102	90 - 110	P	05/19/2025	13:15	LB135823
	Chromium	1020	1000	102	90 - 110	P	05/19/2025	13:15	LB135823
	Cobalt	2550	2500	102	90 - 110	P	05/19/2025	13:15	LB135823
	Copper	1290	1250	104	90 - 110	P	05/19/2025	13:15	LB135823
	Iron	4980	5000	100	90 - 110	P	05/19/2025	13:15	LB135823
	Lead	5090	5000	102	90 - 110	P	05/19/2025	13:15	LB135823
	Magnesium	25300	25000	101	90 - 110	P	05/19/2025	13:15	LB135823
	Manganese	2580	2500	103	90 - 110	P	05/19/2025	13:15	LB135823
	Nickel	2550	2500	102	90 - 110	P	05/19/2025	13:15	LB135823
	Potassium	24900	25000	99	90 - 110	P	05/19/2025	13:15	LB135823
	Selenium	5180	5000	104	90 - 110	P	05/19/2025	13:15	LB135823
	Silver	1280	1250	102	90 - 110	P	05/19/2025	13:15	LB135823
	Sodium	25000	25000	100	90 - 110	P	05/19/2025	13:15	LB135823
	Thallium	5220	5000	104	90 - 110	P	05/19/2025	13:15	LB135823
CCV02	Vanadium	2540	2500	101	90 - 110	P	05/19/2025	13:15	LB135823
	Zinc	2600	2500	104	90 - 110	P	05/19/2025	13:15	LB135823
	Aluminum	10200	10000	102	90 - 110	P	05/19/2025	14:13	LB135823
	Antimony	5060	5000	101	90 - 110	P	05/19/2025	14:13	LB135823
	Arsenic	5060	5000	101	90 - 110	P	05/19/2025	14:13	LB135823
	Barium	10200	10000	102	90 - 110	P	05/19/2025	14:13	LB135823
	Beryllium	257	250	103	90 - 110	P	05/19/2025	14:13	LB135823
	Cadmium	2540	2500	101	90 - 110	P	05/19/2025	14:13	LB135823
	Calcium	25300	25000	101	90 - 110	P	05/19/2025	14:13	LB135823
	Chromium	1020	1000	102	90 - 110	P	05/19/2025	14:13	LB135823
	Cobalt	2540	2500	102	90 - 110	P	05/19/2025	14:13	LB135823
	Copper	1280	1250	102	90 - 110	P	05/19/2025	14:13	LB135823
	Iron	5170	5000	103	90 - 110	P	05/19/2025	14:13	LB135823
	Lead	5070	5000	101	90 - 110	P	05/19/2025	14:13	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

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	25100	25000	101	90 - 110	P	05/19/2025	14:13	LB135823
	Manganese	2550	2500	102	90 - 110	P	05/19/2025	14:13	LB135823
	Nickel	2540	2500	102	90 - 110	P	05/19/2025	14:13	LB135823
	Potassium	25800	25000	103	90 - 110	P	05/19/2025	14:13	LB135823
	Selenium	5100	5000	102	90 - 110	P	05/19/2025	14:13	LB135823
	Silver	1280	1250	102	90 - 110	P	05/19/2025	14:13	LB135823
	Sodium	26000	25000	104	90 - 110	P	05/19/2025	14:13	LB135823
	Thallium	5210	5000	104	90 - 110	P	05/19/2025	14:13	LB135823
	Vanadium	2540	2500	102	90 - 110	P	05/19/2025	14:13	LB135823
	Zinc	2570	2500	103	90 - 110	P	05/19/2025	14:13	LB135823
CCV03	Aluminum	9860	10000	99	90 - 110	P	05/19/2025	15:14	LB135823
	Antimony	4930	5000	99	90 - 110	P	05/19/2025	15:14	LB135823
	Arsenic	4900	5000	98	90 - 110	P	05/19/2025	15:14	LB135823
	Barium	9580	10000	96	90 - 110	P	05/19/2025	15:14	LB135823
	Beryllium	255	250	102	90 - 110	P	05/19/2025	15:14	LB135823
	Cadmium	2430	2500	97	90 - 110	P	05/19/2025	15:14	LB135823
	Calcium	24200	25000	97	90 - 110	P	05/19/2025	15:14	LB135823
	Chromium	982	1000	98	90 - 110	P	05/19/2025	15:14	LB135823
	Cobalt	2440	2500	98	90 - 110	P	05/19/2025	15:14	LB135823
	Copper	1240	1250	99	90 - 110	P	05/19/2025	15:14	LB135823
	Iron	4730	5000	94	90 - 110	P	05/19/2025	15:14	LB135823
	Lead	4880	5000	98	90 - 110	P	05/19/2025	15:14	LB135823
	Magnesium	24400	25000	98	90 - 110	P	05/19/2025	15:14	LB135823
	Manganese	2440	2500	98	90 - 110	P	05/19/2025	15:14	LB135823
	Nickel	2440	2500	98	90 - 110	P	05/19/2025	15:14	LB135823
	Potassium	23700	25000	95	90 - 110	P	05/19/2025	15:14	LB135823
	Selenium	4960	5000	99	90 - 110	P	05/19/2025	15:14	LB135823
	Silver	1230	1250	98	90 - 110	P	05/19/2025	15:14	LB135823
	Sodium	23600	25000	94	90 - 110	P	05/19/2025	15:14	LB135823
	Thallium	4950	5000	99	90 - 110	P	05/19/2025	15:14	LB135823
	Vanadium	2430	2500	97	90 - 110	P	05/19/2025	15:14	LB135823
	Zinc	2480	2500	99	90 - 110	P	05/19/2025	15:14	LB135823
CCV04	Aluminum	9920	10000	99	90 - 110	P	05/19/2025	16:03	LB135823
	Antimony	4960	5000	99	90 - 110	P	05/19/2025	16:03	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
 Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
 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	4940	5000	99	90 - 110	P	05/19/2025	16:03	LB135823
	Barium	9750	10000	98	90 - 110	P	05/19/2025	16:03	LB135823
	Beryllium	252	250	101	90 - 110	P	05/19/2025	16:03	LB135823
	Cadmium	2450	2500	98	90 - 110	P	05/19/2025	16:03	LB135823
	Calcium	24300	25000	97	90 - 110	P	05/19/2025	16:03	LB135823
	Chromium	989	1000	99	90 - 110	P	05/19/2025	16:03	LB135823
	Cobalt	2460	2500	98	90 - 110	P	05/19/2025	16:03	LB135823
	Copper	1250	1250	100	90 - 110	P	05/19/2025	16:03	LB135823
	Iron	4970	5000	99	90 - 110	P	05/19/2025	16:03	LB135823
	Lead	4880	5000	98	90 - 110	P	05/19/2025	16:03	LB135823
	Magnesium	24300	25000	97	90 - 110	P	05/19/2025	16:03	LB135823
	Manganese	2460	2500	98	90 - 110	P	05/19/2025	16:03	LB135823
	Nickel	2450	2500	98	90 - 110	P	05/19/2025	16:03	LB135823
	Potassium	25000	25000	100	90 - 110	P	05/19/2025	16:03	LB135823
	Selenium	5030	5000	101	90 - 110	P	05/19/2025	16:03	LB135823
	Silver	1250	1250	100	90 - 110	P	05/19/2025	16:03	LB135823
	Sodium	25100	25000	100	90 - 110	P	05/19/2025	16:03	LB135823
	Thallium	5180	5000	104	90 - 110	P	05/19/2025	16:03	LB135823
	Vanadium	2450	2500	98	90 - 110	P	05/19/2025	16:03	LB135823
	Zinc	2510	2500	101	90 - 110	P	05/19/2025	16:03	LB135823
CCV05	Aluminum	9910	10000	99	90 - 110	P	05/19/2025	16:47	LB135823
	Antimony	4930	5000	99	90 - 110	P	05/19/2025	16:47	LB135823
	Arsenic	4890	5000	98	90 - 110	P	05/19/2025	16:47	LB135823
	Barium	9850	10000	98	90 - 110	P	05/19/2025	16:47	LB135823
	Beryllium	258	250	103	90 - 110	P	05/19/2025	16:47	LB135823
	Cadmium	2440	2500	98	90 - 110	P	05/19/2025	16:47	LB135823
	Calcium	24300	25000	97	90 - 110	P	05/19/2025	16:47	LB135823
	Chromium	980	1000	98	90 - 110	P	05/19/2025	16:47	LB135823
	Cobalt	2450	2500	98	90 - 110	P	05/19/2025	16:47	LB135823
	Copper	1240	1250	99	90 - 110	P	05/19/2025	16:47	LB135823
	Iron	4730	5000	95	90 - 110	P	05/19/2025	16:47	LB135823
	Lead	4870	5000	97	90 - 110	P	05/19/2025	16:47	LB135823
	Magnesium	24500	25000	98	90 - 110	P	05/19/2025	16:47	LB135823
	Manganese	2480	2500	99	90 - 110	P	05/19/2025	16:47	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
 Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
 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	2440	2500	98	90 - 110	P	05/19/2025	16:47	LB135823
	Potassium	23800	25000	95	90 - 110	P	05/19/2025	16:47	LB135823
	Selenium	4990	5000	100	90 - 110	P	05/19/2025	16:47	LB135823
	Silver	1220	1250	98	90 - 110	P	05/19/2025	16:47	LB135823
	Sodium	23900	25000	96	90 - 110	P	05/19/2025	16:47	LB135823
	Thallium	5190	5000	104	90 - 110	P	05/19/2025	16:47	LB135823
	Vanadium	2450	2500	98	90 - 110	P	05/19/2025	16:47	LB135823
	Zinc	2470	2500	99	90 - 110	P	05/19/2025	16:47	LB135823
CCV06	Aluminum	10200	10000	102	90 - 110	P	05/19/2025	17:35	LB135823
	Antimony	5000	5000	100	90 - 110	P	05/19/2025	17:35	LB135823
	Arsenic	4920	5000	98	90 - 110	P	05/19/2025	17:35	LB135823
	Barium	9800	10000	98	90 - 110	P	05/19/2025	17:35	LB135823
	Beryllium	260	250	104	90 - 110	P	05/19/2025	17:35	LB135823
	Cadmium	2480	2500	99	90 - 110	P	05/19/2025	17:35	LB135823
	Calcium	24800	25000	99	90 - 110	P	05/19/2025	17:35	LB135823
	Chromium	1000	1000	100	90 - 110	P	05/19/2025	17:35	LB135823
	Cobalt	2500	2500	100	90 - 110	P	05/19/2025	17:35	LB135823
	Copper	1250	1250	100	90 - 110	P	05/19/2025	17:35	LB135823
	Iron	4810	5000	96	90 - 110	P	05/19/2025	17:35	LB135823
	Lead	4940	5000	99	90 - 110	P	05/19/2025	17:35	LB135823
	Magnesium	25100	25000	100	90 - 110	P	05/19/2025	17:35	LB135823
	Manganese	2500	2500	100	90 - 110	P	05/19/2025	17:35	LB135823
	Nickel	2480	2500	99	90 - 110	P	05/19/2025	17:35	LB135823
	Potassium	24000	25000	96	90 - 110	P	05/19/2025	17:35	LB135823
	Selenium	5010	5000	100	90 - 110	P	05/19/2025	17:35	LB135823
	Silver	1240	1250	99	90 - 110	P	05/19/2025	17:35	LB135823
	Sodium	23900	25000	96	90 - 110	P	05/19/2025	17:35	LB135823
	Thallium	5240	5000	105	90 - 110	P	05/19/2025	17:35	LB135823
	Vanadium	2490	2500	100	90 - 110	P	05/19/2025	17:35	LB135823
	Zinc	2510	2500	100	90 - 110	P	05/19/2025	17:35	LB135823
CCV07	Aluminum	9790	10000	98	90 - 110	P	05/19/2025	18:21	LB135823
	Antimony	4970	5000	99	90 - 110	P	05/19/2025	18:21	LB135823
	Arsenic	4960	5000	99	90 - 110	P	05/19/2025	18:21	LB135823
	Barium	9920	10000	99	90 - 110	P	05/19/2025	18:21	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
 Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
 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	244	250	98	90 - 110	P	05/19/2025	18:21	LB135823
	Cadmium	2460	2500	99	90 - 110	P	05/19/2025	18:21	LB135823
	Calcium	24400	25000	97	90 - 110	P	05/19/2025	18:21	LB135823
	Chromium	987	1000	99	90 - 110	P	05/19/2025	18:21	LB135823
	Cobalt	2460	2500	98	90 - 110	P	05/19/2025	18:21	LB135823
	Copper	1250	1250	100	90 - 110	P	05/19/2025	18:21	LB135823
	Iron	5100	5000	102	90 - 110	P	05/19/2025	18:21	LB135823
	Lead	4910	5000	98	90 - 110	P	05/19/2025	18:21	LB135823
	Magnesium	24300	25000	97	90 - 110	P	05/19/2025	18:21	LB135823
	Manganese	2460	2500	98	90 - 110	P	05/19/2025	18:21	LB135823
	Nickel	2460	2500	98	90 - 110	P	05/19/2025	18:21	LB135823
	Potassium	25500	25000	102	90 - 110	P	05/19/2025	18:21	LB135823
	Selenium	5060	5000	101	90 - 110	P	05/19/2025	18:21	LB135823
	Silver	1240	1250	99	90 - 110	P	05/19/2025	18:21	LB135823
	Sodium	25400	25000	102	90 - 110	P	05/19/2025	18:21	LB135823
	Thallium	5140	5000	103	90 - 110	P	05/19/2025	18:21	LB135823
	Vanadium	2450	2500	98	90 - 110	P	05/19/2025	18:21	LB135823
	Zinc	2500	2500	100	90 - 110	P	05/19/2025	18:21	LB135823
CCV08	Aluminum	9850	10000	98	90 - 110	P	05/19/2025	19:09	LB135823
	Antimony	4980	5000	100	90 - 110	P	05/19/2025	19:09	LB135823
	Arsenic	4990	5000	100	90 - 110	P	05/19/2025	19:09	LB135823
	Barium	9660	10000	97	90 - 110	P	05/19/2025	19:09	LB135823
	Beryllium	258	250	103	90 - 110	P	05/19/2025	19:09	LB135823
	Cadmium	2470	2500	99	90 - 110	P	05/19/2025	19:09	LB135823
	Calcium	24300	25000	97	90 - 110	P	05/19/2025	19:09	LB135823
	Chromium	985	1000	98	90 - 110	P	05/19/2025	19:09	LB135823
	Cobalt	2470	2500	99	90 - 110	P	05/19/2025	19:09	LB135823
	Copper	1250	1250	100	90 - 110	P	05/19/2025	19:09	LB135823
	Iron	4840	5000	97	90 - 110	P	05/19/2025	19:09	LB135823
	Lead	4910	5000	98	90 - 110	P	05/19/2025	19:09	LB135823
	Magnesium	24400	25000	98	90 - 110	P	05/19/2025	19:09	LB135823
	Manganese	2460	2500	98	90 - 110	P	05/19/2025	19:09	LB135823
	Nickel	2470	2500	99	90 - 110	P	05/19/2025	19:09	LB135823
	Potassium	24600	25000	98	90 - 110	P	05/19/2025	19:09	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
 Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
 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	5060	5000	101	90 - 110	P	05/19/2025	19:09	LB135823
	Silver	1240	1250	99	90 - 110	P	05/19/2025	19:09	LB135823
	Sodium	24200	25000	97	90 - 110	P	05/19/2025	19:09	LB135823
	Thallium	5120	5000	102	90 - 110	P	05/19/2025	19:09	LB135823
	Vanadium	2440	2500	98	90 - 110	P	05/19/2025	19:09	LB135823
	Zinc	2510	2500	100	90 - 110	P	05/19/2025	19:09	LB135823
CCV09	Aluminum	9590	10000	96	90 - 110	P	05/19/2025	19:55	LB135823
	Antimony	4940	5000	99	90 - 110	P	05/19/2025	19:55	LB135823
	Arsenic	4930	5000	99	90 - 110	P	05/19/2025	19:55	LB135823
	Barium	9570	10000	96	90 - 110	P	05/19/2025	19:55	LB135823
	Beryllium	239	250	96	90 - 110	P	05/19/2025	19:55	LB135823
	Cadmium	2430	2500	97	90 - 110	P	05/19/2025	19:55	LB135823
	Calcium	23900	25000	95	90 - 110	P	05/19/2025	19:55	LB135823
	Chromium	998	1000	100	90 - 110	P	05/19/2025	19:55	LB135823
	Cobalt	2420	2500	97	90 - 110	P	05/19/2025	19:55	LB135823
	Copper	1230	1250	99	90 - 110	P	05/19/2025	19:55	LB135823
	Iron	5010	5000	100	90 - 110	P	05/19/2025	19:55	LB135823
	Lead	4870	5000	98	90 - 110	P	05/19/2025	19:55	LB135823
	Magnesium	23800	25000	95	90 - 110	P	05/19/2025	19:55	LB135823
	Manganese	2370	2500	95	90 - 110	P	05/19/2025	19:55	LB135823
	Nickel	2430	2500	97	90 - 110	P	05/19/2025	19:55	LB135823
	Potassium	24800	25000	99	90 - 110	P	05/19/2025	19:55	LB135823
	Selenium	4950	5000	99	90 - 110	P	05/19/2025	19:55	LB135823
	Silver	1240	1250	99	90 - 110	P	05/19/2025	19:55	LB135823
	Sodium	24500	25000	98	90 - 110	P	05/19/2025	19:55	LB135823
	Thallium	5050	5000	101	90 - 110	P	05/19/2025	19:55	LB135823
	Vanadium	2400	2500	96	90 - 110	P	05/19/2025	19:55	LB135823
	Zinc	2480	2500	99	90 - 110	P	05/19/2025	19:55	LB135823
CCV10	Aluminum	9740	10000	97	90 - 110	P	05/19/2025	20:11	LB135823
	Antimony	4930	5000	99	90 - 110	P	05/19/2025	20:11	LB135823
	Arsenic	4950	5000	99	90 - 110	P	05/19/2025	20:11	LB135823
	Barium	9450	10000	94	90 - 110	P	05/19/2025	20:11	LB135823
	Beryllium	256	250	102	90 - 110	P	05/19/2025	20:11	LB135823
	Cadmium	2440	2500	98	90 - 110	P	05/19/2025	20:11	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q2064
Contract: TETR06 Lab Code: CHEM Case No.: Q2064 SAS No.: Q2064
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	24000	25000	96	90 - 110	P	05/19/2025	20:11	LB135823
	Chromium	984	1000	98	90 - 110	P	05/19/2025	20:11	LB135823
	Cobalt	2440	2500	97	90 - 110	P	05/19/2025	20:11	LB135823
	Copper	1240	1250	99	90 - 110	P	05/19/2025	20:11	LB135823
	Iron	4710	5000	94	90 - 110	P	05/19/2025	20:11	LB135823
	Lead	4880	5000	98	90 - 110	P	05/19/2025	20:11	LB135823
	Magnesium	24300	25000	97	90 - 110	P	05/19/2025	20:11	LB135823
	Manganese	2400	2500	96	90 - 110	P	05/19/2025	20:11	LB135823
	Nickel	2440	2500	98	90 - 110	P	05/19/2025	20:11	LB135823
	Potassium	23300	25000	93	90 - 110	P	05/19/2025	20:11	LB135823
	Selenium	4990	5000	100	90 - 110	P	05/19/2025	20:11	LB135823
	Silver	1220	1250	98	90 - 110	P	05/19/2025	20:11	LB135823
	Sodium	22800	25000	91	90 - 110	P	05/19/2025	20:11	LB135823
	Thallium	5050	5000	101	90 - 110	P	05/19/2025	20:11	LB135823
	Vanadium	2410	2500	97	90 - 110	P	05/19/2025	20:11	LB135823
	Zinc	2450	2500	98	90 - 110	P	05/19/2025	20:11	LB135823



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.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	113	100	113	65 - 135	P	05/19/2025	12:48	LB135823
	Antimony	52.5	50.0	105	65 - 135	P	05/19/2025	12:48	LB135823
	Arsenic	19.7	20.0	99	65 - 135	P	05/19/2025	12:48	LB135823
	Barium	96.2	100	96	65 - 135	P	05/19/2025	12:48	LB135823
	Beryllium	6.10	6.0	102	65 - 135	P	05/19/2025	12:48	LB135823
	Cadmium	6.33	6.0	106	65 - 135	P	05/19/2025	12:48	LB135823
	Calcium	2050	2000	102	65 - 135	P	05/19/2025	12:48	LB135823
	Chromium	10.1	10.0	101	65 - 135	P	05/19/2025	12:48	LB135823
	Cobalt	30.0	30.0	100	65 - 135	P	05/19/2025	12:48	LB135823
	Copper	22.7	20.0	114	65 - 135	P	05/19/2025	12:48	LB135823
	Iron	102	100	102	65 - 135	P	05/19/2025	12:48	LB135823
	Lead	12.8	12.0	107	65 - 135	P	05/19/2025	12:48	LB135823
	Magnesium	2140	2000	107	65 - 135	P	05/19/2025	12:48	LB135823
	Manganese	21.4	20.0	107	65 - 135	P	05/19/2025	12:48	LB135823
	Nickel	40.0	40.0	100	65 - 135	P	05/19/2025	12:48	LB135823
	Potassium	1950	2000	98	65 - 135	P	05/19/2025	12:48	LB135823
	Selenium	23.9	20.0	119	65 - 135	P	05/19/2025	12:48	LB135823
	Silver	10.3	10.0	103	65 - 135	P	05/19/2025	12:48	LB135823
	Sodium	1890	2000	95	65 - 135	P	05/19/2025	12:48	LB135823
	Thallium	42.9	40.0	107	65 - 135	P	05/19/2025	12:48	LB135823
	Vanadium	43.2	40.0	108	65 - 135	P	05/19/2025	12:48	LB135823
	Zinc	42.3	40.0	106	65 - 135	P	05/19/2025	12:48	LB135823
CRA	Mercury	0.19	0.2	97	70 - 130	CV	05/20/2025	09:47	LB135832



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Tetra Tech NUS, Inc.				SDG No.:	Q2064				
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q2064	SAS No.:	Q2064			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB11	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	09:38	LB135832

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB40	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	09:45	LB135832
CCB41	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	10:15	LB135832
CCB42	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	10:44	LB135832
CCB43	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	11:11	LB135832
CCB44	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	11:39	LB135832
CCB45	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	05/20/2025	11:57	LB135832

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q2064								
Contract: TETR06	Lab Code: CHEM	Case No.: Q2064	SAS No.: Q2064							
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	05/19/2025	12:44	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	12:44	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	12:44	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	12:44	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	12:44	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	12:44	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	12:44	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	12:44	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	12:44	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	12:44	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	12:44	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	12:44	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	12:44	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	12:44	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	12:44	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	12:44	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	12:44	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	12:44	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	12:44	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	12:44	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	12:44	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	12:44	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	15.2	+/-100	J	80.0	100	P	05/19/2025	13:23	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	13:23	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	13:23	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	13:23	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	13:23	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	13:23	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	13:23	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	13:23	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	13:23	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	13:23	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	13:23	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	13:23	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	13:23	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	13:23	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	13:23	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	13:23	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	13:23	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	13:23	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	13:23	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	13:23	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	13:23	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	13:23	LB135823
CCB02	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	14:24	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	14:24	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	14:24	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	14:24	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	14:24	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	14:24	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	14:24	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	14:24	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	14:24	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	14:24	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	14:24	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	14:24	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	14:24	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	14:24	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	14:24	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	14:24	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	14:24	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q2064								
Contract: TETR06	Lab Code: CHEM	Case No.: Q2064	SAS No.: Q2064							
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	05/19/2025	14:24	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	14:24	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	14:24	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	14:24	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	14:24	LB135823
CCB03	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	15:19	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	15:19	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	15:19	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	15:19	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	15:19	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	15:19	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	15:19	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	15:19	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	15:19	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	15:19	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	15:19	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	15:19	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	15:19	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	15:19	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	15:19	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	15:19	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	15:19	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	15:19	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	15:19	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	15:19	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	15:19	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	15:19	LB135823
CCB04	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	16:07	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	16:07	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	16:07	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	16:07	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	16:07	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	16:07	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	16:07	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	16:07	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	16:07	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	16:07	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	16:07	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	16:07	LB135823



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Client:	Tetra Tech NUS, Inc.			SDG No.:	Q2064
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q2064
				SAS No.:	Q2064

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	05/19/2025	16:07	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	16:07	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	16:07	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	16:07	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	16:07	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	16:07	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	16:07	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	16:07	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	16:07	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	16:07	LB135823
CCB05	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	16:51	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	16:51	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	16:51	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	16:51	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	16:51	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	16:51	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	16:51	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	16:51	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	16:51	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	16:51	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	16:51	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	16:51	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	16:51	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	16:51	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	16:51	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	16:51	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	16:51	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	16:51	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	16:51	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	16:51	LB135823
Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	16:51	LB135823	
Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	16:51	LB135823	
CCB06	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	17:39	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	17:39	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	17:39	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	17:39	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	17:39	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	17:39	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	17:39	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q2064								
Contract: TETR06	Lab Code: CHEM	Case No.: Q2064	SAS No.: Q2064							
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	05/19/2025	17:39	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	17:39	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	17:39	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	17:39	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	17:39	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	17:39	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	17:39	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	17:39	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	17:39	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	17:39	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	17:39	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	17:39	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	17:39	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	17:39	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	17:39	LB135823
CCB07	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	18:25	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	18:25	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	18:25	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	18:25	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	18:25	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	18:25	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	18:25	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	18:25	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	18:25	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	18:25	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	18:25	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	18:25	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	18:25	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	18:25	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	18:25	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	18:25	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	18:25	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	18:25	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	18:25	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	18:25	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	18:25	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	18:25	LB135823
CCB08	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	19:14	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	19:14	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

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	15.0	20.0	P	05/19/2025	19:14	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	19:14	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	19:14	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	19:14	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	19:14	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	19:14	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	19:14	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	19:14	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	19:14	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	19:14	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	19:14	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	19:14	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	19:14	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	19:14	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	19:14	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	19:14	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	19:14	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	19:14	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	19:14	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	19:14	LB135823
CCB09	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	19:59	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	19:59	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	19:59	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	19:59	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	19:59	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	19:59	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	19:59	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	19:59	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	19:59	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	19:59	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	19:59	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	19:59	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	19:59	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	19:59	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	19:59	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	19:59	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	19:59	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	19:59	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	19:59	LB135823

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q2064								
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q2064	SAS No.:	Q2064			
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	05/19/2025	19:59	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	19:59	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	19:59	LB135823
CCB10	Aluminum	100	+/-100	U	80.0	100	P	05/19/2025	20:15	LB135823
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	05/19/2025	20:15	LB135823
	Arsenic	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	20:15	LB135823
	Barium	100	+/-100	U	25.0	100	P	05/19/2025	20:15	LB135823
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	20:15	LB135823
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	05/19/2025	20:15	LB135823
	Calcium	2000	+/-2000	U	500	2000	P	05/19/2025	20:15	LB135823
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	20:15	LB135823
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	05/19/2025	20:15	LB135823
	Copper	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	20:15	LB135823
	Iron	100	+/-100	U	80.0	100	P	05/19/2025	20:15	LB135823
	Lead	12.0	+/-12.0	U	9.60	12.0	P	05/19/2025	20:15	LB135823
	Magnesium	2000	+/-2000	U	500	2000	P	05/19/2025	20:15	LB135823
	Manganese	20.0	+/-20.0	U	15.0	20.0	P	05/19/2025	20:15	LB135823
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	05/19/2025	20:15	LB135823
	Potassium	2000	+/-2000	U	1600	2000	P	05/19/2025	20:15	LB135823
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	05/19/2025	20:15	LB135823
	Silver	10.0	+/-10.0	U	5.00	10.0	P	05/19/2025	20:15	LB135823
	Sodium	2000	+/-2000	U	1000	2000	P	05/19/2025	20:15	LB135823
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	20:15	LB135823
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	05/19/2025	20:15	LB135823
	Zinc	40.0	+/-40.0	U	15.0	40.0	P	05/19/2025	20:15	LB135823

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168071BL		WATER		Batch Number:		PB168071		Prep Date:	05/16/2025	
	Mercury	0.20	<0.20	U	0.16	0.20	CV	05/20/2025	11:02	LB135832

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168036BL	WATER			Batch Number:		PB168036		Prep Date:	05/16/2025	
	Aluminum	50.0	<50.0	U	40.0	50.0	P	05/19/2025	15:09	LB135823
	Antimony	25.0	<25.0	U	6.25	25.0	P	05/19/2025	15:09	LB135823
	Arsenic	10.0	<10.0	U	7.50	10.0	P	05/19/2025	15:09	LB135823
	Barium	50.0	<50.0	U	12.5	50.0	P	05/19/2025	15:09	LB135823
	Beryllium	3.00	<3.00	U	0.75	3.00	P	05/19/2025	15:09	LB135823
	Cadmium	3.00	<3.00	U	0.75	3.00	P	05/19/2025	15:09	LB135823
	Calcium	1000	<1000	U	250	1000	P	05/19/2025	15:09	LB135823
	Chromium	5.00	<5.00	U	2.50	5.00	P	05/19/2025	15:09	LB135823
	Cobalt	15.0	<15.0	U	3.75	15.0	P	05/19/2025	15:09	LB135823
	Copper	10.0	<10.0	U	8.00	10.0	P	05/19/2025	15:09	LB135823
	Iron	50.0	<50.0	U	40.0	50.0	P	05/19/2025	15:09	LB135823
	Lead	6.00	<6.00	U	4.80	6.00	P	05/19/2025	15:09	LB135823
	Magnesium	1000	<1000	U	250	1000	P	05/19/2025	15:09	LB135823
	Manganese	10.0	<10.0	U	7.50	10.0	P	05/19/2025	15:09	LB135823
	Nickel	20.0	<20.0	U	5.00	20.0	P	05/19/2025	15:09	LB135823
	Potassium	1000	<1000	U	800	1000	P	05/19/2025	15:09	LB135823
	Selenium	10.0	<10.0	U	8.00	10.0	P	05/19/2025	15:09	LB135823
	Silver	5.00	<5.00	U	2.50	5.00	P	05/19/2025	15:09	LB135823
	Sodium	1000	<1000	U	500	1000	P	05/19/2025	15:09	LB135823
	Thallium	20.0	<20.0	U	10.0	20.0	P	05/19/2025	15:09	LB135823
	Vanadium	20.0	<20.0	U	10.0	20.0	P	05/19/2025	15:09	LB135823
	Zinc	20.0	<20.0	U	7.50	20.0	P	05/19/2025	15:09	LB135823

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
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	245000	255000	96	216000	294000	05/19/2025	12:52	LB135823
	Antimony	-0.96			-50	50	05/19/2025	12:52	LB135823
	Arsenic	5.21			-20	20	05/19/2025	12:52	LB135823
	Barium	4.26	6.0	71	-94	106	05/19/2025	12:52	LB135823
	Beryllium	0.58			-6	6	05/19/2025	12:52	LB135823
	Cadmium	-4.22	1.0	422	-5	7	05/19/2025	12:52	LB135823
	Calcium	232000	245000	95	208000	282000	05/19/2025	12:52	LB135823
	Chromium	55.5	52.0	107	42	62	05/19/2025	12:52	LB135823
	Cobalt	1.33			-30	30	05/19/2025	12:52	LB135823
	Copper	9.33	2.0	466	-18	22	05/19/2025	12:52	LB135823
	Iron	99000	101000	98	85600	116500	05/19/2025	12:52	LB135823
	Lead	-0.59			-12	12	05/19/2025	12:52	LB135823
	Magnesium	247000	255000	97	216000	294000	05/19/2025	12:52	LB135823
	Manganese	4.75	7.0	68	-13	27	05/19/2025	12:52	LB135823
	Nickel	1.99	2.0	100	-38	42	05/19/2025	12:52	LB135823
	Potassium	-23.0			0	0	05/19/2025	12:52	LB135823
	Selenium	4.52			-20	20	05/19/2025	12:52	LB135823
	Silver	-0.75			-10	10	05/19/2025	12:52	LB135823
	Sodium	-58.2			0	0	05/19/2025	12:52	LB135823
	Thallium	9.42			-40	40	05/19/2025	12:52	LB135823
	Vanadium	3.00			-40	40	05/19/2025	12:52	LB135823
	Zinc	2.14			-40	40	05/19/2025	12:52	LB135823
ICSAB01	Aluminum	248000	247000	100	209000	285000	05/19/2025	12:57	LB135823
	Antimony	634	618	103	525	711	05/19/2025	12:57	LB135823
	Arsenic	115	104	111	88.4	120	05/19/2025	12:57	LB135823
	Barium	481	537	90	437	637	05/19/2025	12:57	LB135823
	Beryllium	518	495	105	420	570	05/19/2025	12:57	LB135823
	Cadmium	1030	972	106	826	1120	05/19/2025	12:57	LB135823
	Calcium	229000	235000	97	199000	271000	05/19/2025	12:57	LB135823
	Chromium	571	542	105	460	624	05/19/2025	12:57	LB135823
	Cobalt	509	476	107	404	548	05/19/2025	12:57	LB135823
	Copper	512	511	100	434	588	05/19/2025	12:57	LB135823
	Iron	94000	99300	95	84400	114500	05/19/2025	12:57	LB135823
	Lead	49.5	49.0	101	37	61	05/19/2025	12:57	LB135823
	Magnesium	247000	248000	100	210000	286000	05/19/2025	12:57	LB135823
	Manganese	489	507	96	430	584	05/19/2025	12:57	LB135823
	Nickel	1010	954	106	810	1100	05/19/2025	12:57	LB135823
	Potassium	-11.6			0	0	05/19/2025	12:57	LB135823
	Selenium	58.0	46.0	126	26	66	05/19/2025	12:57	LB135823
	Silver	213	201	106	170	232	05/19/2025	12:57	LB135823
	Sodium	-11.9			0	0	05/19/2025	12:57	LB135823
	Thallium	108	108	100	68	148	05/19/2025	12:57	LB135823

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech NUS, Inc.</u>	SDG No.: <u>Q2064</u>
Contract: <u>TETR06</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>Q2064</u>
	SAS No.: <u>Q2064</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	484	491	99	417	565	05/19/2025	12:57	LB135823
	Zinc	1050	952	110	809	1095	05/19/2025	12:57	LB135823



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2064</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2064</u> sas no.: <u>Q2064</u>
matrix: <u>Water</u>	sample id: <u>Q2033-01</u>	client id: <u>TW-WTS-08MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2033-01MS</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	1290		286		1000	100		P
Antimony	ug/L	88 - 113	413		25.0	U	400	103		P
Arsenic	ug/L	87 - 113	416		10.0	U	400	104		P
Barium	ug/L	88 - 113	264		160		100	105		P
Beryllium	ug/L	89 - 112	93.8		3.00	U	100	94		P
Cadmium	ug/L	88 - 113	99.9		3.00	U	100	100		P
Calcium	ug/L	87 - 113	253000		245000		500	1596		P
Chromium	ug/L	90 - 113	273		79.3		200	97		P
Cobalt	ug/L	89 - 114	100		1.98	J	100	98		P
Copper	ug/L	86 - 114	160		19.1		150	94		P
Iron	ug/L	87 - 115	7710		5530		1500	146	N	P
Lead	ug/L	86 - 113	481		4.28	J	500	95		P
Magnesium	ug/L	85 - 113	898	J	1000	U	1000	90		P
Manganese	ug/L	90 - 114	94.7		10.0	U	100	95		P
Nickel	ug/L	88 - 113	261		18.1	J	250	97		P
Potassium	ug/L	86 - 114	287000		256000		5000	624		P
Selenium	ug/L	83 - 114	1020		10.0	U	1000	102		P
Silver	ug/L	84 - 115	6.75		5.00	U	37.5	18	N	P
Sodium	ug/L	87 - 115	124000		109000		1500	1002		P
Thallium	ug/L	85 - 114	953		20.0	U	1000	95		P
Vanadium	ug/L	90 - 111	150		4.53	J	150	97		P
Zinc	ug/L	87 - 115	107		8.68	J	100	99		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Tetra Tech NUS, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q2064</u>
contract:	<u>TETR06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2064</u>
matrix:	<u>Water</u>	sample id:	<u>Q2033-01</u>	client id:	<u>TW-WTS-08MSD</u>
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q2033-01MSD</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	1280		286		1000	100		P
Antimony	ug/L	88 - 113	415		25.0	U	400	104		P
Arsenic	ug/L	87 - 113	416		10.0	U	400	104		P
Barium	ug/L	88 - 113	254		160		100	95		P
Beryllium	ug/L	89 - 112	105		3.00	U	100	105		P
Cadmium	ug/L	88 - 113	101		3.00	U	100	101		P
Calcium	ug/L	87 - 113	251000		245000		500	1261		P
Chromium	ug/L	90 - 113	276		79.3		200	98		P
Cobalt	ug/L	89 - 114	101		1.98	J	100	99		P
Copper	ug/L	86 - 114	162		19.1		150	95		P
Iron	ug/L	87 - 115	7010		5530		1500	99		P
Lead	ug/L	86 - 113	484		4.28	J	500	96		P
Magnesium	ug/L	85 - 113	927	J	1000	U	1000	93		P
Manganese	ug/L	90 - 114	94.6		10.0	U	100	95		P
Nickel	ug/L	88 - 113	263		18.1	J	250	98		P
Potassium	ug/L	86 - 114	263000		256000		5000	135		P
Selenium	ug/L	83 - 114	1030		10.0	U	1000	103		P
Silver	ug/L	84 - 115	5.41		5.00	U	37.5	14	N	P
Sodium	ug/L	87 - 115	111000		109000		1500	190		P
Thallium	ug/L	85 - 114	962		20.0	U	1000	96		P
Vanadium	ug/L	90 - 111	150		4.53	J	150	97		P
Zinc	ug/L	87 - 115	108		8.68	J	100	99		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Tetra Tech NUS, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q2064</u>		
contract:	<u>TETR06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2064</u>	sas no.:	<u>Q2064</u>
matrix:	<u>Water</u>	sample id:	<u>Q2064-01</u>	client id:	<u>RW8-SP100-70-20250514MS</u>		
Percent Solids for Sample:	NA	Spiked ID:	Q2064-01MS	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	3.25		0.20	U	4.0	81	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2064</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2064</u> sas no.: <u>Q2064</u>
matrix: <u>Water</u>	sample id: <u>Q2064-01</u>	client id: <u>RW8-SP100-70-20250514MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2064-01MSD</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	3.71		0.20	U	4.0	93		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
Matrix: Water **Level:** LOW **Client ID:** TW-WTS-08A
Sample ID: Q2033-01 **Spiked ID:** Q2033-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	87 - 115	6390		5530		1500	57	N	P
Silver	ug/L	84 - 115	31.6		5.00	U	37.5	84		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

Matrix: Water

Level: LOW

Client ID: RW8-SP100-70-20250514A

Sample ID: Q2064-01

Spiked ID: Q2064-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.98		0.20	U	4.00	100		CV

A
B
C
D
E
F
G
H

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
Matrix: Water **Sample ID:** Q2033-01 **Client ID:** TW-WTS-08DUP
Percent Solids for Sample: NA **Duplicate ID** Q2033-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	286		301		5		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	160		166		4		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	245000		251000		2		P
Chromium	ug/L	20	79.3		83.6		5		P
Cobalt	ug/L	20	1.98	J	1.93	J	3		P
Copper	ug/L	20	19.1		19.5		2		P
Iron	ug/L	20	5530		5830		5		P
Lead	ug/L	20	4.28	J	4.38	J	2		P
Magnesium	ug/L	20	1000	U	1000	U			P
Manganese	ug/L	20	10.0	U	10.0	U			P
Nickel	ug/L	20	18.1	J	18.9	J	4		P
Potassium	ug/L	20	256000		270000		5		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	109000		115000		5		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	4.53	J	4.93	J	8		P
Zinc	ug/L	20	8.68	J	20.0	U	200.0		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064
Matrix: Water **Sample ID:** Q2033-01MS **Client ID:** TW-WTS-08MSD
Percent Solids for Sample: NA **Duplicate ID** Q2033-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1290		1280		1		P
Antimony	ug/L	20	413		415		0		P
Arsenic	ug/L	20	416		416		0		P
Barium	ug/L	20	264		254		4		P
Beryllium	ug/L	20	93.8		105		11		P
Cadmium	ug/L	20	99.9		101		1		P
Calcium	ug/L	20	253000		251000		1		P
Chromium	ug/L	20	273		276		1		P
Cobalt	ug/L	20	100		101		1		P
Copper	ug/L	20	160		162		1		P
Iron	ug/L	20	7710		7010		10		P
Lead	ug/L	20	481		484		1		P
Magnesium	ug/L	20	898	J	927	J	3		P
Manganese	ug/L	20	94.7		94.6		0		P
Nickel	ug/L	20	261		263		1		P
Potassium	ug/L	20	287000		263000		9		P
Selenium	ug/L	20	1020		1030		1		P
Silver	ug/L	20	6.75		5.41		22		P
Sodium	ug/L	20	124000		111000		11		P
Thallium	ug/L	20	953		962		1		P
Vanadium	ug/L	20	150		150		0		P
Zinc	ug/L	20	107		108		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2064</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2064</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2064-01</u>	Client ID:	<u>RW8-SP100-70-20250514DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2064-01DUP	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	U	0.20	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2064</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2064</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2064-01MS</u>	Client ID:	<u>RW8-SP100-70-20250514MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2064-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.25		3.71		13		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168036BS							
Aluminum	ug/L	1000	937		94	86 - 115	P
Antimony	ug/L	400	395		99	88 - 113	P
Arsenic	ug/L	400	386		96	87 - 113	P
Barium	ug/L	100	88.9		89	88 - 113	P
Beryllium	ug/L	100	98.6		99	89 - 112	P
Cadmium	ug/L	100	96.1		96	88 - 113	P
Calcium	ug/L	500	476	J	95	87 - 113	P
Chromium	ug/L	200	191		96	90 - 113	P
Cobalt	ug/L	100	93.3		93	89 - 114	P
Copper	ug/L	150	147		98	86 - 114	P
Iron	ug/L	1500	1380		92	87 - 115	P
Lead	ug/L	500	469		94	86 - 113	P
Magnesium	ug/L	1000	912	J	91	85 - 113	P
Manganese	ug/L	100	94.2		94	90 - 114	P
Nickel	ug/L	250	236		94	88 - 113	P
Potassium	ug/L	5000	4430		89	86 - 114	P
Selenium	ug/L	1000	983		98	83 - 114	P
Silver	ug/L	37.5	35.9		96	84 - 115	P
Sodium	ug/L	1500	1410		94	87 - 115	P
Thallium	ug/L	1000	968		97	85 - 114	P
Vanadium	ug/L	150	139		93	90 - 111	P
Zinc	ug/L	100	97.0		97	87 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2064
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q2064 **SAS No.:** Q2064

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168071BS Mercury	ug/L	4.0	3.61		90	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-WTS-08L

Lab Name: Chemtech Consulting Group

Contract: TETR06

Lab Code: CHEM Lb No.: lb135823 Lab Sample ID : Q2033-01L SDG No.: Q2064

Matrix (soil/water): Water Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	286		237	J	17		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	160		162	J	1		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	245000		248000		1		P
Chromium	79.3		78.0		2		P
Cobalt	1.98	J	75.0	U	100.0		P
Copper	19.1		18.7	J	2		P
Iron	5530		5940		7		P
Lead	4.28	J	30.0	U	100.0		P
Magnesium	1000	U	5000	U			P
Manganese	10.0	U	50.0	U			P
Nickel	18.1	J	18.6	J	3		P
Potassium	256000		256000		0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	109000		109000		0		P
Thallium	20.0	U	100	U			P
Vanadium	4.53	J	100	U	100.0		P
Zinc	8.68	J	100	U	100.0		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

RW8-SP100-70-20250514L

Lab Name: Chemtech Consulting Group

Contract: TETR06

Lab Code: CHEM

Lb No.: lb135832

Lab Sample ID : Q2064-01L

SDG No.: Q2064

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.20 U	1.00 U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

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.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

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.: Q2064

Contract: TETR06

Lab Code: CHEM

Case No.: Q2064

SAS No.: Q2064

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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>Q2064</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2064</u>
		SAS No.:	<u>Q2064</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168036							
PB168036BL	PB168036BL	MB	WATER	05/16/2025	50.0	25.0	
PB168036BS	PB168036BS	LCS	WATER	05/16/2025	50.0	25.0	
Q2033-01DUP	TW-WTS-08DUP	DUP	WATER	05/16/2025	50.0	25.0	
Q2033-01MS	TW-WTS-08MS	MS	WATER	05/16/2025	50.0	25.0	
Q2033-01MSD	TW-WTS-08MSD	MSD	WATER	05/16/2025	50.0	25.0	
Q2064-01	RW8-SP100-70-20250514	SAM	WATER	05/16/2025	50.0	25.0	
Q2064-04	RW8-SP303-70-20250514	SAM	WATER	05/16/2025	50.0	25.0	
Q2064-05	RW8-SP100-90-20250514	SAM	WATER	05/16/2025	50.0	25.0	
Q2064-08	RW8-SP303-90-20250514	SAM	WATER	05/16/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q2064</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2064</u>
		SAS No.:	<u>Q2064</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168071							
PB168071BL	PB168071BL	MB	WATER	05/16/2025	30.0	30.0	
PB168071BS	PB168071BS	LCS	WATER	05/16/2025	30.0	30.0	
Q2064-01	RW8-SP100-70-20250514	SAM	WATER	05/16/2025	30.0	30.0	
Q2064-01DUP	RW8-SP100-70-20250514DUP	DUP	WATER	05/16/2025	30.0	30.0	
Q2064-01MS	RW8-SP100-70-20250514MS	MS	WATER	05/16/2025	30.0	30.0	
Q2064-01MSD	RW8-SP100-70-20250514MSD	MSD	WATER	05/16/2025	30.0	30.0	
Q2064-04	RW8-SP303-70-20250514	SAM	WATER	05/16/2025	30.0	30.0	
Q2064-05	RW8-SP100-90-20250514	SAM	WATER	05/16/2025	30.0	30.0	
Q2064-08	RW8-SP303-90-20250514	SAM	WATER	05/16/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2064 **Sas no.:** Q2064 **Sdg no.:** Q2064

Instrument id number: **Method:** **Run number:** LB135823

Start date: 05/19/2025 **End date:** 05/19/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1202	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	1206	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	1211	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	1215	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	1219	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	1223	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	1228	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	1238	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	1244	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	1248	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	1252	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	1257	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	1315	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	1323	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	1413	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	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168036BL	PB168036BL	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1514	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	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168036BS	PB168036BS	1	1524	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	1603	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	1607	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	1647	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	1651	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	1735	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	1739	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	1821	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	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2033-01DUP	TW-WTS-08DUP	1	1829	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2033-01L	TW-WTS-08L	5	1834	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2033-01MS	TW-WTS-08MS	1	1839	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2033-01MSD	TW-WTS-08MSD	1	1843	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2033-01A	TW-WTS-08A	1	1848	Ag,Fe
Q2064-01	RW8-SP100-70-20250514	1	1852	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2064-04	RW8-SP303-70-20250514	1	1856	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2064-05	RW8-SP100-90-20250514	1	1901	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2064-08	RW8-SP303-90-20250514	1	1905	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	1909	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	1914	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	1955	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	1959	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.:** Q2064 **Sas no.:** Q2064 **Sdg no.:** Q2064

Instrument id number: **Method:** **Run number:** LB135823

Start date: 05/19/2025 **End date:** 05/19/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV10	CCV10	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2015	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.:** Q2064 **Sas no.:** Q2064 **Sdg no.:** Q2064

Instrument id number: **Method:** **Run number:** LB135832

Start date: 05/20/2025 **End date:** 05/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0910	HG
S0.2	S0.2	1	0912	HG
S2.5	S2.5	1	0914	HG
S5	S5	1	0920	HG
S7.5	S7.5	1	0925	HG
S10	S10	1	0930	HG
ICV11	ICV11	1	0936	HG
ICB11	ICB11	1	0938	HG
CCV40	CCV40	1	0943	HG
CCB40	CCB40	1	0945	HG
CRA	CRA	1	0947	HG
CCV41	CCV41	1	1013	HG
CCB41	CCB41	1	1015	HG
CCV42	CCV42	1	1042	HG
CCB42	CCB42	1	1044	HG
PB168071BL	PB168071BL	1	1102	HG
PB168071BS	PB168071BS	1	1104	HG
CCV43	CCV43	1	1109	HG
CCB43	CCB43	1	1111	HG
Q2064-01	RW8-SP100-70-20250514	1	1113	HG
Q2064-01DUP	RW8-SP100-70-20250514DUP	1	1116	HG
Q2064-01MS	RW8-SP100-70-20250514MS	1	1118	HG
Q2064-01MSD	RW8-SP100-70-20250514MSD	1	1120	HG
Q2064-04	RW8-SP303-70-20250514	1	1123	HG
Q2064-05	RW8-SP100-90-20250514	1	1125	HG
Q2064-08	RW8-SP303-90-20250514	1	1127	HG
CCV44	CCV44	1	1136	HG
CCB44	CCB44	1	1139	HG
Q2064-01L	RW8-SP100-70-20250514L	5	1148	HG
Q2064-01A	RW8-SP100-70-20250514A	1	1150	HG
CCV45	CCV45	1	1155	HG
CCB45	CCB45	1	1157	HG