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

Hit Summary Sheet
SW-846

SDG No.: Q1901 **Order ID:** Q1901

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-167-SB01								
Q1901-02	B-167-SB01	SOIL	Aluminum	3600		0.90	5.36	mg/Kg
Q1901-02	B-167-SB01	SOIL	Arsenic	2.93		0.20	1.07	mg/Kg
Q1901-02	B-167-SB01	SOIL	Barium	90.5		0.78	5.36	mg/Kg
Q1901-02	B-167-SB01	SOIL	Beryllium	0.30	J	0.027	0.32	mg/Kg
Q1901-02	B-167-SB01	SOIL	Calcium	6590		11.9	107	mg/Kg
Q1901-02	B-167-SB01	SOIL	Chromium	13.3		0.050	0.54	mg/Kg
Q1901-02	B-167-SB01	SOIL	Cobalt	3.57		0.11	1.61	mg/Kg
Q1901-02	B-167-SB01	SOIL	Copper	29.1		0.24	1.07	mg/Kg
Q1901-02	B-167-SB01	SOIL	Iron	9760		4.27	5.36	mg/Kg
Q1901-02	B-167-SB01	SOIL	Lead	490		0.14	0.64	mg/Kg
Q1901-02	B-167-SB01	SOIL	Magnesium	1610		12.9	107	mg/Kg
Q1901-02	B-167-SB01	SOIL	Manganese	121		0.15	1.07	mg/Kg
Q1901-02	B-167-SB01	SOIL	Mercury	0.039		0.0090	0.016	mg/Kg
Q1901-02	B-167-SB01	SOIL	Nickel	11.4		0.14	2.14	mg/Kg
Q1901-02	B-167-SB01	SOIL	Potassium	592		29.7	107	mg/Kg
Q1901-02	B-167-SB01	SOIL	Silver	0.55		0.13	0.54	mg/Kg
Q1901-02	B-167-SB01	SOIL	Sodium	100	J	19.1	107	mg/Kg
Q1901-02	B-167-SB01	SOIL	Thallium	0.28	J	0.25	2.14	mg/Kg
Q1901-02	B-167-SB01	SOIL	Vanadium	12.8		0.27	2.14	mg/Kg
Q1901-02	B-167-SB01	SOIL	Zinc	69.7		0.25	2.14	mg/Kg
Client ID : B-170-SB01								
Q1901-03	B-170-SB01	SOIL	Aluminum	5350		0.91	5.43	mg/Kg
Q1901-03	B-170-SB01	SOIL	Arsenic	2.04		0.21	1.09	mg/Kg
Q1901-03	B-170-SB01	SOIL	Barium	55.0		0.79	5.43	mg/Kg
Q1901-03	B-170-SB01	SOIL	Beryllium	0.30	J	0.027	0.33	mg/Kg
Q1901-03	B-170-SB01	SOIL	Calcium	13000		12.0	109	mg/Kg
Q1901-03	B-170-SB01	SOIL	Chromium	12.2		0.051	0.54	mg/Kg
Q1901-03	B-170-SB01	SOIL	Cobalt	5.55		0.11	1.63	mg/Kg
Q1901-03	B-170-SB01	SOIL	Copper	45.2		0.24	1.09	mg/Kg
Q1901-03	B-170-SB01	SOIL	Iron	11300		4.33	5.43	mg/Kg
Q1901-03	B-170-SB01	SOIL	Lead	121		0.14	0.65	mg/Kg
Q1901-03	B-170-SB01	SOIL	Magnesium	3180		13.0	109	mg/Kg
Q1901-03	B-170-SB01	SOIL	Manganese	174		0.15	1.09	mg/Kg
Q1901-03	B-170-SB01	SOIL	Mercury	0.22		0.0080	0.015	mg/Kg
Q1901-03	B-170-SB01	SOIL	Nickel	13.9		0.14	2.17	mg/Kg
Q1901-03	B-170-SB01	SOIL	Potassium	1750		30.1	109	mg/Kg
Q1901-03	B-170-SB01	SOIL	Silver	0.22	J	0.13	0.54	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1901 **Order ID:** Q1901

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1901-03	B-170-SB01	SOIL	Sodium	187		19.3	109	mg/Kg
Q1901-03	B-170-SB01	SOIL	Vanadium	13.9		0.27	2.17	mg/Kg
Q1901-03	B-170-SB01	SOIL	Zinc	58.2		0.25	2.17	mg/Kg
Client ID :	**B-167-SB02**							
Q1901-04	B-167-SB02	SOIL	Aluminum	11100		1.42	8.47	mg/Kg
Q1901-04	B-167-SB02	SOIL	Arsenic	8.83		0.32	1.69	mg/Kg
Q1901-04	B-167-SB02	SOIL	Barium	20.3		1.24	8.47	mg/Kg
Q1901-04	B-167-SB02	SOIL	Beryllium	0.89		0.042	0.51	mg/Kg
Q1901-04	B-167-SB02	SOIL	Cadmium	0.69		0.041	0.51	mg/Kg
Q1901-04	B-167-SB02	SOIL	Calcium	1510		18.8	169	mg/Kg
Q1901-04	B-167-SB02	SOIL	Chromium	28.8		0.080	0.85	mg/Kg
Q1901-04	B-167-SB02	SOIL	Cobalt	11.5		0.17	2.54	mg/Kg
Q1901-04	B-167-SB02	SOIL	Copper	16.5		0.37	1.69	mg/Kg
Q1901-04	B-167-SB02	SOIL	Iron	28100		6.76	8.47	mg/Kg
Q1901-04	B-167-SB02	SOIL	Lead	17.3		0.22	1.02	mg/Kg
Q1901-04	B-167-SB02	SOIL	Magnesium	4900		20.3	169	mg/Kg
Q1901-04	B-167-SB02	SOIL	Manganese	195		0.24	1.69	mg/Kg
Q1901-04	B-167-SB02	SOIL	Mercury	0.076		0.014	0.024	mg/Kg
Q1901-04	B-167-SB02	SOIL	Nickel	24.5		0.22	3.39	mg/Kg
Q1901-04	B-167-SB02	SOIL	Potassium	1870		46.9	169	mg/Kg
Q1901-04	B-167-SB02	SOIL	Sodium	1140		30.1	169	mg/Kg
Q1901-04	B-167-SB02	SOIL	Thallium	1.15	J	0.39	3.39	mg/Kg
Q1901-04	B-167-SB02	SOIL	Vanadium	34.8		0.42	3.39	mg/Kg
Q1901-04	B-167-SB02	SOIL	Zinc	61.9		0.39	3.39	mg/Kg
Client ID :	**B-170-SB02**							
Q1901-05	B-170-SB02	SOIL	Aluminum	8500		0.92	5.50	mg/Kg
Q1901-05	B-170-SB02	SOIL	Arsenic	1.07	J	0.21	1.10	mg/Kg
Q1901-05	B-170-SB02	SOIL	Barium	4.05	J	0.80	5.50	mg/Kg
Q1901-05	B-170-SB02	SOIL	Beryllium	0.18	J	0.028	0.33	mg/Kg
Q1901-05	B-170-SB02	SOIL	Calcium	959		12.2	110	mg/Kg
Q1901-05	B-170-SB02	SOIL	Chromium	8.86		0.052	0.55	mg/Kg
Q1901-05	B-170-SB02	SOIL	Cobalt	2.02		0.11	1.65	mg/Kg
Q1901-05	B-170-SB02	SOIL	Copper	2.71		0.24	1.10	mg/Kg
Q1901-05	B-170-SB02	SOIL	Iron	6400		4.39	5.50	mg/Kg
Q1901-05	B-170-SB02	SOIL	Lead	3.70		0.14	0.66	mg/Kg
Q1901-05	B-170-SB02	SOIL	Magnesium	1400		13.2	110	mg/Kg
Q1901-05	B-170-SB02	SOIL	Manganese	41.6		0.15	1.10	mg/Kg
Q1901-05	B-170-SB02	SOIL	Mercury	0.018		0.0090	0.016	mg/Kg
Q1901-05	B-170-SB02	SOIL	Nickel	6.18		0.14	2.20	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1901 **Order ID:** Q1901

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1901-05	B-170-SB02	SOIL	Potassium	365		30.5	110	mg/Kg
Q1901-05	B-170-SB02	SOIL	Selenium	0.38	J	0.29	1.10	mg/Kg
Q1901-05	B-170-SB02	SOIL	Sodium	469		19.6	110	mg/Kg
Q1901-05	B-170-SB02	SOIL	Vanadium	10.8		0.28	2.20	mg/Kg
Q1901-05	B-170-SB02	SOIL	Zinc	9.64		0.25	2.20	mg/Kg
Client ID :	**FB04262025**							
Q1901-06	FB04262025	Water	Aluminum	6.11	J	5.67	50.0	ug/L
Q1901-06	FB04262025	Water	Manganese	6.66	J	2.97	10.0	ug/L

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3600	*	1	0.90	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.68	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-38-2	Arsenic	2.93		1	0.20	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-39-3	Barium	90.5		1	0.78	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-41-7	Beryllium	0.30	J*	1	0.027	0.32	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.32	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-70-2	Calcium	6590		1	11.9	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-47-3	Chromium	13.3		1	0.050	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-48-4	Cobalt	3.57		1	0.11	1.61	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-50-8	Copper	29.1	*	1	0.24	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-89-6	Iron	9760		1	4.27	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-92-1	Lead	490	*	1	0.14	0.64	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-95-4	Magnesium	1610	*	1	12.9	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-96-5	Manganese	121		1	0.15	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-97-6	Mercury	0.039		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 13:59	SW7471B	
7440-02-0	Nickel	11.4		1	0.14	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-09-7	Potassium	592		1	29.7	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-22-4	Silver	0.55		1	0.13	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-23-5	Sodium	100	J	1	19.1	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-28-0	Thallium	0.28	J	1	0.25	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-62-2	Vanadium	12.8		1	0.27	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-66-6	Zinc	69.7	*	1	0.25	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050

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

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	83

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5350	*	1	0.91	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.71	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-38-2	Arsenic	2.04		1	0.21	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-39-3	Barium	55.0		1	0.79	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-41-7	Beryllium	0.30	J*	1	0.027	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-70-2	Calcium	13000		1	12.0	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-47-3	Chromium	12.2		1	0.051	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-48-4	Cobalt	5.55		1	0.11	1.63	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-50-8	Copper	45.2	*	1	0.24	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-89-6	Iron	11300		1	4.33	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-92-1	Lead	121	*	1	0.14	0.65	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-95-4	Magnesium	3180	*	1	13.0	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-96-5	Manganese	174		1	0.15	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-97-6	Mercury	0.22		1	0.0080	0.015	mg/Kg	04/29/25 15:15	04/30/25 14:08	SW7471B	
7440-02-0	Nickel	13.9		1	0.14	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-09-7	Potassium	1750		1	30.1	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-22-4	Silver	0.22	J	1	0.13	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-23-5	Sodium	187		1	19.3	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-62-2	Vanadium	13.9		1	0.27	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-66-6	Zinc	58.2	*	1	0.25	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050

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

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

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	53.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11100	*	1	1.42	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-36-0	Antimony	0.37	UN	1	0.37	4.23	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-38-2	Arsenic	8.83		1	0.32	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-39-3	Barium	20.3		1	1.24	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-41-7	Beryllium	0.89	*	1	0.042	0.51	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-43-9	Cadmium	0.69		1	0.041	0.51	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-70-2	Calcium	1510		1	18.8	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-47-3	Chromium	28.8		1	0.080	0.85	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-48-4	Cobalt	11.5		1	0.17	2.54	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-50-8	Copper	16.5	*	1	0.37	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-89-6	Iron	28100		1	6.76	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-92-1	Lead	17.3	*	1	0.22	1.02	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-95-4	Magnesium	4900	*	1	20.3	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-96-5	Manganese	195		1	0.24	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-97-6	Mercury	0.076		1	0.014	0.024	mg/Kg	04/29/25 15:15	04/30/25 14:15	SW7471B	
7440-02-0	Nickel	24.5		1	0.22	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-09-7	Potassium	1870		1	46.9	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7782-49-2	Selenium	0.44	U	1	0.44	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-22-4	Silver	0.20	U	1	0.20	0.85	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-23-5	Sodium	1140		1	30.1	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-28-0	Thallium	1.15	J	1	0.39	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-62-2	Vanadium	34.8		1	0.42	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-66-6	Zinc	61.9	*	1	0.39	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050

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

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8500	*	1	0.92	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.75	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-38-2	Arsenic	1.07	J	1	0.21	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-39-3	Barium	4.05	J	1	0.80	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-41-7	Beryllium	0.18	J*	1	0.028	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-70-2	Calcium	959		1	12.2	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-47-3	Chromium	8.86		1	0.052	0.55	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-48-4	Cobalt	2.02		1	0.11	1.65	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-50-8	Copper	2.71	*	1	0.24	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-89-6	Iron	6400		1	4.39	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-92-1	Lead	3.70	*	1	0.14	0.66	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-95-4	Magnesium	1400	*	1	13.2	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-96-5	Manganese	41.6		1	0.15	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 14:17	SW7471B	
7440-02-0	Nickel	6.18		1	0.14	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-09-7	Potassium	365		1	30.5	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7782-49-2	Selenium	0.38	J	1	0.29	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.55	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-23-5	Sodium	469		1	19.6	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-62-2	Vanadium	10.8		1	0.28	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-66-6	Zinc	9.64	*	1	0.25	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050

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

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

J = Estimated Value
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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	FB04262025	SDG No.:	Q1901
Lab Sample ID:	Q1901-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6.11	J	1	5.67	50.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-70-2	Calcium	117	U	1	117	1000	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7439-96-5	Manganese	6.66	J	1	2.97	10.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	04/30/25 13:30	05/01/25 14:26	SW7470A	
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-09-7	Potassium	459	U	1	459	1000	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-23-5	Sodium	434	U	1	434	1000	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	SW3010
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	04/30/25 10:20	05/01/25 17:57	SW6010	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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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB109	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	13:38	LB135611

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB52	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	13:42	LB135611
CCB53	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:13	LB135611
CCB54	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:40	LB135611
CCB55	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:58	LB135611

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB112	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	11:49	LB135623

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB62	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	12:01	LB135623
CCB63	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	12:51	LB135623
CCB64	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	13:23	LB135623
CCB65	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	14:02	LB135623
CCB66	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	14:40	LB135623
CCB67	Mercury	0.20	+/-0.20	U	0.20	CV	05/01/2025	15:25	LB135623

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	16:36	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	16:36	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	16:36	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	16:36	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	16:36	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	16:36	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	16:36	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	16:36	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	16:36	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	17:38	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	17:38	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	17:38	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	17:38	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	17:38	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	17:38	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	17:38	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	17:38	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	17:38	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
CCB02	Aluminum	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	18:35	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	18:35	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	18:35	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	18:35	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	18:35	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	18:35	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	18:35	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	18:35	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	18:35	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
CCB03	Aluminum	100	+/-100	U	100	P	04/30/2025	19:41	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	19:41	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	19:41	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	19:41	LB135614
	Cadmium	1.42	+/-6.00	J	6.00	P	04/30/2025	19:41	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	19:41	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	19:41	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Iron	35.4	+/-100	J	100	P	04/30/2025	19:41	LB135614
	Lead	3.92	+/-12.0	J	12.0	P	04/30/2025	19:41	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	19:41	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	19:41	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	19:41	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
CCB04	Aluminum	100	+/-100	U	100	P	04/30/2025	20:27	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	20:27	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	20:27	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	20:27	LB135614
	Cadmium	0.57	+/-6.00	J	6.00	P	04/30/2025	20:27	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	20:27	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	20:27	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Iron	23.9	+/-100	J	100	P	04/30/2025	20:27	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	20:27	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	20:27	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	20:27	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	20:27	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
CCB05	Aluminum	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	21:13	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:13	LB135614
	Cadmium	0.94	+/-6.00	J	6.00	P	04/30/2025	21:13	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	21:13	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	21:13	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	21:13	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	21:13	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	21:13	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	21:13	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
CCB06	Aluminum	19.2	+/-100	J	100	P	04/30/2025	21:58	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	21:58	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	21:58	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:58	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:58	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	21:58	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	21:58	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	21:58	LB135614
	Lead	2.39	+/-12.0	J	12.0	P	04/30/2025	21:58	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	21:58	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	21:58	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	21:58	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
CCB07	Aluminum	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	22:44	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	22:44	LB135614
	Cadmium	0.88	+/-6.00	J	6.00	P	04/30/2025	22:44	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	22:44	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	22:44	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	22:44	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	22:44	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	22:44	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	22:44	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
CCB08	Aluminum	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	23:09	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	23:09	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	23:09	LB135614
	Calcium	2000	+/-2000	U	2000	P	04/30/2025	23:09	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	23:09	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	23:09	LB135614
	Magnesium	2000	+/-2000	U	2000	P	04/30/2025	23:09	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Potassium	2000	+/-2000	U	2000	P	04/30/2025	23:09	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Sodium	2000	+/-2000	U	2000	P	04/30/2025	23:09	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	05/01/2025	14:11	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	14:11	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	14:11	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	14:11	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	14:11	LB135636
	Cadmium	6.00	+/-6.00	U	6.00	P	05/01/2025	14:11	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	14:11	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	14:11	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	14:11	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	14:11	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	14:11	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	14:11	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	14:11	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	14:11	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	14:11	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	14:11	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	14:11	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	14:11	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	14:11	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	14:11	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	14:11	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	14:11	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	05/01/2025	15:12	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	15:12	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	15:12	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	15:12	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	15:12	LB135636
	Cadmium	6.00	+/-6.00	U	6.00	P	05/01/2025	15:12	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	15:12	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	15:12	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	15:12	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	15:12	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	15:12	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	15:12	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	15:12	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	15:12	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	15:12	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	15:12	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	15:12	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	15:12	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	15:12	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	15:12	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	15:12	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	15:12	LB135636
CCB02	Aluminum	100	+/-100	U	100	P	05/01/2025	16:04	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	16:04	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	16:04	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	16:04	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	16:04	LB135636
	Cadmium	0.60	+/-6.00	J	6.00	P	05/01/2025	16:04	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	16:04	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	16:04	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	16:04	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	16:04	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	16:04	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	16:04	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	16:04	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	16:04	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	16:04	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	16:04	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	16:04	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	16:04	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	16:04	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	16:04	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	16:04	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	16:04	LB135636
CCB03	Aluminum	100	+/-100	U	100	P	05/01/2025	17:07	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	17:07	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	17:07	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	17:07	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	17:07	LB135636
	Cadmium	0.88	+/-6.00	J	6.00	P	05/01/2025	17:07	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	17:07	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	17:07	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	17:07	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	17:07	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	17:07	LB135636
	Lead	3.14	+/-12.0	J	12.0	P	05/01/2025	17:07	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	17:07	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	17:07	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	17:07	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	17:07	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	17:07	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	17:07	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	17:07	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	17:07	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	17:07	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	17:07	LB135636
CCB04	Aluminum	100	+/-100	U	100	P	05/01/2025	17:53	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	17:53	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	17:53	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	17:53	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	17:53	LB135636
	Cadmium	0.92	+/-6.00	J	6.00	P	05/01/2025	17:53	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	17:53	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	17:53	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	17:53	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	17:53	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	17:53	LB135636
	Lead	2.63	+/-12.0	J	12.0	P	05/01/2025	17:53	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	17:53	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	17:53	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	17:53	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	17:53	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	17:53	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	17:53	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	17:53	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	17:53	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	17:53	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	17:53	LB135636
CCB05	Aluminum	100	+/-100	U	100	P	05/01/2025	18:40	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	18:40	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	18:40	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	18:40	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	18:40	LB135636
	Cadmium	0.89	+/-6.00	J	6.00	P	05/01/2025	18:40	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	18:40	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	18:40	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	18:40	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	18:40	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	18:40	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	18:40	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	18:40	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	18:40	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	18:40	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	18:40	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	18:40	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	18:40	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	18:40	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	18:40	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	18:40	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	18:40	LB135636
CCB06	Aluminum	100	+/-100	U	100	P	05/01/2025	19:27	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	19:27	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	19:27	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	19:27	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	19:27	LB135636
	Cadmium	6.00	+/-6.00	U	6.00	P	05/01/2025	19:27	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	19:27	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	19:27	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	19:27	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	19:27	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	19:27	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	19:27	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	19:27	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	19:27	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	19:27	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	19:27	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	19:27	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	19:27	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	19:27	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	19:27	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	19:27	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	19:27	LB135636
CCB07	Aluminum	100	+/-100	U	100	P	05/01/2025	20:15	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	20:15	LB135636
	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	20:15	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	20:15	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	20:15	LB135636
	Cadmium	6.00	+/-6.00	U	6.00	P	05/01/2025	20:15	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	20:15	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	20:15	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	20:15	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	20:15	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	20:15	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	20:15	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	20:15	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	20:15	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	20:15	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	20:15	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	20:15	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	20:15	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	20:15	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	20:15	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	20:15	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	20:15	LB135636
CCB08	Aluminum	100	+/-100	U	100	P	05/01/2025	20:28	LB135636
	Antimony	50.0	+/-50.0	U	50.0	P	05/01/2025	20:28	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	05/01/2025	20:28	LB135636
	Barium	100	+/-100	U	100	P	05/01/2025	20:28	LB135636
	Beryllium	6.00	+/-6.00	U	6.00	P	05/01/2025	20:28	LB135636
	Cadmium	6.00	+/-6.00	U	6.00	P	05/01/2025	20:28	LB135636
	Calcium	2000	+/-2000	U	2000	P	05/01/2025	20:28	LB135636
	Chromium	10.0	+/-10.0	U	10.0	P	05/01/2025	20:28	LB135636
	Cobalt	30.0	+/-30.0	U	30.0	P	05/01/2025	20:28	LB135636
	Copper	20.0	+/-20.0	U	20.0	P	05/01/2025	20:28	LB135636
	Iron	100	+/-100	U	100	P	05/01/2025	20:28	LB135636
	Lead	12.0	+/-12.0	U	12.0	P	05/01/2025	20:28	LB135636
	Magnesium	2000	+/-2000	U	2000	P	05/01/2025	20:28	LB135636
	Manganese	20.0	+/-20.0	U	20.0	P	05/01/2025	20:28	LB135636
	Nickel	40.0	+/-40.0	U	40.0	P	05/01/2025	20:28	LB135636
	Potassium	2000	+/-2000	U	2000	P	05/01/2025	20:28	LB135636
	Selenium	20.0	+/-20.0	U	20.0	P	05/01/2025	20:28	LB135636
	Silver	10.0	+/-10.0	U	10.0	P	05/01/2025	20:28	LB135636
	Sodium	2000	+/-2000	U	2000	P	05/01/2025	20:28	LB135636
	Thallium	40.0	+/-40.0	U	40.0	P	05/01/2025	20:28	LB135636
	Vanadium	40.0	+/-40.0	U	40.0	P	05/01/2025	20:28	LB135636
	Zinc	40.0	+/-40.0	U	40.0	P	05/01/2025	20:28	LB135636

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	15:27	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	15:27	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	15:27	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.8	+/-100	J	100	P	05/06/2025	16:34	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	16:34	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	16:34	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	16:34	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
CCB02	Aluminum	14.3	+/-100	J	100	P	05/06/2025	17:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	17:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	17:20	LB135689
	Cadmium	0.60	+/-6.00	J	6.00	P	05/06/2025	17:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	17:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	17:20	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
CCB03	Aluminum	15.8	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	18:13	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	18:13	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	18:13	LB135689
	Cadmium	0.59	+/-6.00	J	6.00	P	05/06/2025	18:13	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	18:13	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Iron	23.9	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	18:13	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
CCB04	Aluminum	16.7	+/-100	J	100	P	05/06/2025	19:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	19:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	19:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	19:20	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
CCB05	Aluminum	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:06	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:06	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:06	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
CCB06	Aluminum	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:35	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:35	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:35	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689

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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167786BL		**SOLID**		**Batch Number:**	**PB167786**		**Prep Date:**	**04/29/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	04/30/2025	13:51	LB135611

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167812BL		**WATER**		**Batch Number:**	**PB167812**		**Prep Date:**	**04/30/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	05/01/2025	13:55	LB135623

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167781BL		**SOLID**		**Batch Number:**	**PB167781**		**Prep Date:**	**04/29/2025**	
	Aluminum	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Antimony	2.40	<2.40	U	2.40	P	05/06/2025	18:25	LB135689
	Arsenic	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Barium	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Beryllium	0.29	<0.29	U	0.29	P	05/06/2025	18:25	LB135689
	Cadmium	0.29	<0.29	U	0.29	P	05/06/2025	18:25	LB135689
	Calcium	96.2	<96.2	U	96.2	P	05/06/2025	18:25	LB135689
	Chromium	0.48	<0.48	U	0.48	P	05/06/2025	18:25	LB135689
	Cobalt	1.44	<1.44	U	1.44	P	05/06/2025	18:25	LB135689
	Copper	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Iron	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Lead	0.58	<0.58	U	0.58	P	05/06/2025	18:25	LB135689
	Magnesium	96.2	<96.2	U	96.2	P	05/06/2025	18:25	LB135689
	Manganese	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Nickel	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Potassium	96.2	<96.2	U	96.2	P	05/06/2025	18:25	LB135689
	Selenium	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Silver	0.48	<0.48	U	0.48	P	05/06/2025	18:25	LB135689
	Sodium	96.2	<96.2	U	96.2	P	05/06/2025	18:25	LB135689
	Thallium	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Vanadium	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Zinc	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167799BL		**WATER**		**Batch Number:**	**PB167799**		**Prep Date:**	**04/30/2025**	
	Aluminum	50.0	<50.0	U	50.0	P	05/01/2025	16:50	LB135636
	Antimony	25.0	<25.0	U	25.0	P	05/01/2025	16:50	LB135636
	Arsenic	10.0	<10.0	U	10.0	P	05/01/2025	16:50	LB135636
	Barium	50.0	<50.0	U	50.0	P	05/01/2025	16:50	LB135636
	Beryllium	3.00	<3.00	U	3.00	P	05/01/2025	16:50	LB135636
	Cadmium	3.00	<3.00	U	3.00	P	05/01/2025	16:50	LB135636
	Calcium	1000	<1000	U	1000	P	05/01/2025	16:50	LB135636
	Chromium	5.00	<5.00	U	5.00	P	05/01/2025	16:50	LB135636
	Cobalt	15.0	<15.0	U	15.0	P	05/01/2025	16:50	LB135636
	Copper	10.0	<10.0	U	10.0	P	05/01/2025	16:50	LB135636
	Iron	50.0	<50.0	U	50.0	P	05/01/2025	16:50	LB135636
	Lead	6.00	<6.00	U	6.00	P	05/01/2025	16:50	LB135636
	Magnesium	1000	<1000	U	1000	P	05/01/2025	16:50	LB135636
	Manganese	10.0	<10.0	U	10.0	P	05/01/2025	16:50	LB135636
	Nickel	20.0	<20.0	U	20.0	P	05/01/2025	16:50	LB135636

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Instrument: P4

Potassium	1000	<1000	U	1000	P	05/01/2025	16:50	LB135636
Selenium	10.0	<10.0	U	10.0	P	05/01/2025	16:50	LB135636
Silver	5.00	<5.00	U	5.00	P	05/01/2025	16:50	LB135636
Sodium	1000	<1000	U	1000	P	05/01/2025	16:50	LB135636
Thallium	20.0	<20.0	U	20.0	P	05/01/2025	16:50	LB135636
Vanadium	20.0	<20.0	U	20.0	P	05/01/2025	16:50	LB135636
Zinc	20.0	<20.0	U	20.0	P	05/01/2025	16:50	LB135636

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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
ICV109	Mercury	4.20	4.0	105	90 - 110	CV	04/30/2025	13:35	LB135611

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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
CCV52	Mercury	5.02	5.0	100	90 - 110	CV	04/30/2025	13:40	LB135611
CCV53	Mercury	4.99	5.0	100	90 - 110	CV	04/30/2025	14:10	LB135611
CCV54	Mercury	5.02	5.0	100	90 - 110	CV	04/30/2025	14:38	LB135611
CCV55	Mercury	5.06	5.0	101	90 - 110	CV	04/30/2025	14:56	LB135611

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: **Portal Partners Tri-Venture** **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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
ICV112	Mercury	3.81	4.0	95	90 - 110	CV	05/01/2025	11:47	LB135623

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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
CCV62	Mercury	4.80	5.0	96	90 - 110	CV	05/01/2025	11:58	LB135623
CCV63	Mercury	5.01	5.0	100	90 - 110	CV	05/01/2025	12:49	LB135623
CCV64	Mercury	5.09	5.0	102	90 - 110	CV	05/01/2025	13:19	LB135623
CCV65	Mercury	4.77	5.0	95	90 - 110	CV	05/01/2025	13:58	LB135623
CCV66	Mercury	4.60	5.0	92	90 - 110	CV	05/01/2025	14:29	LB135623
CCV67	Mercury	4.61	5.0	92	90 - 110	CV	05/01/2025	15:23	LB135623

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2320	2500	93	90 - 110	P	04/30/2025	16:18	LB135614
	Antimony	973	1000	97	90 - 110	P	04/30/2025	16:18	LB135614
	Arsenic	986	1000	99	90 - 110	P	04/30/2025	16:18	LB135614
	Barium	537	520	103	90 - 110	P	04/30/2025	16:18	LB135614
	Beryllium	473	510	93	90 - 110	P	04/30/2025	16:18	LB135614
	Cadmium	500	510	98	90 - 110	P	04/30/2025	16:18	LB135614
	Calcium	9270	10000	93	90 - 110	P	04/30/2025	16:18	LB135614
	Chromium	510	520	98	90 - 110	P	04/30/2025	16:18	LB135614
	Cobalt	487	520	94	90 - 110	P	04/30/2025	16:18	LB135614
	Copper	495	510	97	90 - 110	P	04/30/2025	16:18	LB135614
	Iron	9190	10000	92	90 - 110	P	04/30/2025	16:18	LB135614
	Lead	987	1000	99	90 - 110	P	04/30/2025	16:18	LB135614
	Magnesium	5510	6000	92	90 - 110	P	04/30/2025	16:18	LB135614
	Manganese	468	520	90	90 - 110	P	04/30/2025	16:18	LB135614
	Nickel	526	530	99	90 - 110	P	04/30/2025	16:18	LB135614
	Potassium	10000	9900	101	90 - 110	P	04/30/2025	16:18	LB135614
	Selenium	1010	1000	101	90 - 110	P	04/30/2025	16:18	LB135614
	Silver	262	250	105	90 - 110	P	04/30/2025	16:18	LB135614
	Sodium	9910	10000	99	90 - 110	P	04/30/2025	16:18	LB135614
	Thallium	1080	1000	108	90 - 110	P	04/30/2025	16:18	LB135614
	Vanadium	455	500	91	90 - 110	P	04/30/2025	16:18	LB135614
	Zinc	969	1000	97	90 - 110	P	04/30/2025	16:18	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	95.4	100	95	80 - 120	P	04/30/2025	16:28	LB135614
	Antimony	55.5	50.0	111	80 - 120	P	04/30/2025	16:28	LB135614
	Arsenic	22.6	20.0	113	80 - 120	P	04/30/2025	16:28	LB135614
	Barium	93.5	100	94	80 - 120	P	04/30/2025	16:28	LB135614
	Beryllium	6.43	6.0	107	80 - 120	P	04/30/2025	16:28	LB135614
	Cadmium	6.58	6.0	110	80 - 120	P	04/30/2025	16:28	LB135614
	Calcium	2040	2000	102	80 - 120	P	04/30/2025	16:28	LB135614
	Chromium	9.76	10.0	98	80 - 120	P	04/30/2025	16:28	LB135614
	Cobalt	30.9	30.0	103	80 - 120	P	04/30/2025	16:28	LB135614
	Copper	23.3	20.0	116	80 - 120	P	04/30/2025	16:28	LB135614
	Iron	92.8	100	93	80 - 120	P	04/30/2025	16:28	LB135614
	Lead	12.4	12.0	103	80 - 120	P	04/30/2025	16:28	LB135614
	Magnesium	2180	2000	109	80 - 120	P	04/30/2025	16:28	LB135614
	Manganese	21.3	20.0	106	80 - 120	P	04/30/2025	16:28	LB135614
	Nickel	41.8	40.0	104	80 - 120	P	04/30/2025	16:28	LB135614
	Potassium	1970	2000	98	80 - 120	P	04/30/2025	16:28	LB135614
	Selenium	16.3	20.0	82	80 - 120	P	04/30/2025	16:28	LB135614
	Silver	10.7	10.0	107	80 - 120	P	04/30/2025	16:28	LB135614
	Sodium	1740	2000	87	80 - 120	P	04/30/2025	16:28	LB135614
	Thallium	45.6	40.0	114	80 - 120	P	04/30/2025	16:28	LB135614
	Vanadium	40.2	40.0	100	80 - 120	P	04/30/2025	16:28	LB135614
	Zinc	42.5	40.0	106	80 - 120	P	04/30/2025	16:28	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	9840	10000	98	90 - 110	P	04/30/2025	17:27	LB135614
	Antimony	4970	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Arsenic	5000	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Barium	9810	10000	98	90 - 110	P	04/30/2025	17:27	LB135614
	Beryllium	239	250	96	90 - 110	P	04/30/2025	17:27	LB135614
	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Calcium	24300	25000	97	90 - 110	P	04/30/2025	17:27	LB135614
	Chromium	1020	1000	102	90 - 110	P	04/30/2025	17:27	LB135614
	Cobalt	2510	2500	100	90 - 110	P	04/30/2025	17:27	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Iron	5130	5000	103	90 - 110	P	04/30/2025	17:27	LB135614
	Lead	5060	5000	101	90 - 110	P	04/30/2025	17:27	LB135614
	Magnesium	24100	25000	96	90 - 110	P	04/30/2025	17:27	LB135614
	Manganese	2430	2500	97	90 - 110	P	04/30/2025	17:27	LB135614
	Nickel	2520	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Potassium	25700	25000	103	90 - 110	P	04/30/2025	17:27	LB135614
	Selenium	5010	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Sodium	25400	25000	102	90 - 110	P	04/30/2025	17:27	LB135614
	Thallium	5240	5000	105	90 - 110	P	04/30/2025	17:27	LB135614
	Vanadium	2450	2500	98	90 - 110	P	04/30/2025	17:27	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	17:27	LB135614
CCV02	Aluminum	10000	10000	100	90 - 110	P	04/30/2025	18:30	LB135614
	Antimony	4770	5000	95	90 - 110	P	04/30/2025	18:30	LB135614
	Arsenic	4820	5000	96	90 - 110	P	04/30/2025	18:30	LB135614
	Barium	9940	10000	99	90 - 110	P	04/30/2025	18:30	LB135614
	Beryllium	261	250	104	90 - 110	P	04/30/2025	18:30	LB135614
	Cadmium	2560	2500	102	90 - 110	P	04/30/2025	18:30	LB135614
	Calcium	25400	25000	102	90 - 110	P	04/30/2025	18:30	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	18:30	LB135614
	Cobalt	2510	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Copper	1220	1250	97	90 - 110	P	04/30/2025	18:30	LB135614
	Iron	5020	5000	100	90 - 110	P	04/30/2025	18:30	LB135614
	Lead	5080	5000	102	90 - 110	P	04/30/2025	18:30	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	25800	25000	103	90 - 110	P	04/30/2025	18:30	LB135614
	Manganese	2520	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Nickel	2520	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Potassium	24400	25000	98	90 - 110	P	04/30/2025	18:30	LB135614
	Selenium	4770	5000	95	90 - 110	P	04/30/2025	18:30	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	18:30	LB135614
	Sodium	23700	25000	95	90 - 110	P	04/30/2025	18:30	LB135614
	Thallium	5180	5000	104	90 - 110	P	04/30/2025	18:30	LB135614
	Vanadium	2540	2500	102	90 - 110	P	04/30/2025	18:30	LB135614
	Zinc	2490	2500	100	90 - 110	P	04/30/2025	18:30	LB135614
CCV03	Aluminum	10100	10000	101	90 - 110	P	04/30/2025	19:37	LB135614
	Antimony	5030	5000	100	90 - 110	P	04/30/2025	19:37	LB135614
	Arsenic	5060	5000	101	90 - 110	P	04/30/2025	19:37	LB135614
	Barium	9770	10000	98	90 - 110	P	04/30/2025	19:37	LB135614
	Beryllium	264	250	106	90 - 110	P	04/30/2025	19:37	LB135614
	Cadmium	2570	2500	103	90 - 110	P	04/30/2025	19:37	LB135614
	Calcium	25100	25000	101	90 - 110	P	04/30/2025	19:37	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	19:37	LB135614
	Cobalt	2540	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
	Copper	1260	1250	101	90 - 110	P	04/30/2025	19:37	LB135614
	Iron	5170	5000	103	90 - 110	P	04/30/2025	19:37	LB135614
	Lead	5110	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Magnesium	25400	25000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Manganese	2480	2500	99	90 - 110	P	04/30/2025	19:37	LB135614
	Nickel	2550	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
	Potassium	24100	25000	96	90 - 110	P	04/30/2025	19:37	LB135614
	Selenium	5080	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Silver	1270	1250	102	90 - 110	P	04/30/2025	19:37	LB135614
	Sodium	23200	25000	93	90 - 110	P	04/30/2025	19:37	LB135614
	Thallium	5240	5000	105	90 - 110	P	04/30/2025	19:37	LB135614
	Vanadium	2510	2500	100	90 - 110	P	04/30/2025	19:37	LB135614
	Zinc	2540	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
CCV04	Aluminum	9940	10000	99	90 - 110	P	04/30/2025	20:23	LB135614
	Antimony	4980	5000	100	90 - 110	P	04/30/2025	20:23	LB135614

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- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	5000	5000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Barium	9720	10000	97	90 - 110	P	04/30/2025	20:23	LB135614
	Beryllium	251	250	100	90 - 110	P	04/30/2025	20:23	LB135614
	Cadmium	2550	2500	102	90 - 110	P	04/30/2025	20:23	LB135614
	Calcium	24900	25000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	20:23	LB135614
	Cobalt	2520	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	20:23	LB135614
	Iron	5490	5000	110	90 - 110	P	04/30/2025	20:23	LB135614
	Lead	5100	5000	102	90 - 110	P	04/30/2025	20:23	LB135614
	Magnesium	25300	25000	101	90 - 110	P	04/30/2025	20:23	LB135614
	Manganese	2430	2500	97	90 - 110	P	04/30/2025	20:23	LB135614
	Nickel	2530	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
	Potassium	24600	25000	99	90 - 110	P	04/30/2025	20:23	LB135614
	Selenium	4970	5000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Silver	1270	1250	101	90 - 110	P	04/30/2025	20:23	LB135614
	Sodium	23800	25000	95	90 - 110	P	04/30/2025	20:23	LB135614
	Thallium	5140	5000	103	90 - 110	P	04/30/2025	20:23	LB135614
	Vanadium	2480	2500	99	90 - 110	P	04/30/2025	20:23	LB135614
	Zinc	2520	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
CCV05	Aluminum	9810	10000	98	90 - 110	P	04/30/2025	21:08	LB135614
	Antimony	4960	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Arsenic	4970	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Barium	9680	10000	97	90 - 110	P	04/30/2025	21:08	LB135614
	Beryllium	252	250	101	90 - 110	P	04/30/2025	21:08	LB135614
	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	21:08	LB135614
	Calcium	25000	25000	100	90 - 110	P	04/30/2025	21:08	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	21:08	LB135614
	Cobalt	2510	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
	Copper	1240	1250	99	90 - 110	P	04/30/2025	21:08	LB135614
	Iron	5060	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Lead	5070	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Magnesium	25500	25000	102	90 - 110	P	04/30/2025	21:08	LB135614
	Manganese	2440	2500	98	90 - 110	P	04/30/2025	21:08	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2510	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
	Potassium	24100	25000	96	90 - 110	P	04/30/2025	21:08	LB135614
	Selenium	4940	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Silver	1260	1250	100	90 - 110	P	04/30/2025	21:08	LB135614
	Sodium	23100	25000	93	90 - 110	P	04/30/2025	21:08	LB135614
	Thallium	5160	5000	103	90 - 110	P	04/30/2025	21:08	LB135614
	Vanadium	2480	2500	99	90 - 110	P	04/30/2025	21:08	LB135614
	Zinc	2500	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
CCV06	Aluminum	9680	10000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Antimony	5010	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Arsenic	5030	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Barium	9680	10000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Beryllium	238	250	95	90 - 110	P	04/30/2025	21:54	LB135614
	Cadmium	2500	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Calcium	24200	25000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Chromium	1010	1000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Cobalt	2490	2500	99	90 - 110	P	04/30/2025	21:54	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	21:54	LB135614
	Iron	5070	5000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Lead	5010	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Magnesium	24200	25000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Manganese	2400	2500	96	90 - 110	P	04/30/2025	21:54	LB135614
	Nickel	2490	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Potassium	24600	25000	98	90 - 110	P	04/30/2025	21:54	LB135614
	Selenium	5060	5000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Silver	1230	1250	98	90 - 110	P	04/30/2025	21:54	LB135614
	Sodium	24000	25000	96	90 - 110	P	04/30/2025	21:54	LB135614
	Thallium	5110	5000	102	90 - 110	P	04/30/2025	21:54	LB135614
	Vanadium	2430	2500	97	90 - 110	P	04/30/2025	21:54	LB135614
	Zinc	2450	2500	98	90 - 110	P	04/30/2025	21:54	LB135614
CCV07	Aluminum	9820	10000	98	90 - 110	P	04/30/2025	22:40	LB135614
	Antimony	5220	5000	104	90 - 110	P	04/30/2025	22:40	LB135614
	Arsenic	5170	5000	103	90 - 110	P	04/30/2025	22:40	LB135614
	Barium	9890	10000	99	90 - 110	P	04/30/2025	22:40	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	238	250	95	90 - 110	P	04/30/2025	22:40	LB135614
	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Calcium	24000	25000	96	90 - 110	P	04/30/2025	22:40	LB135614
	Chromium	995	1000	100	90 - 110	P	04/30/2025	22:40	LB135614
	Cobalt	2450	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Copper	1290	1250	103	90 - 110	P	04/30/2025	22:40	LB135614
	Iron	5110	5000	102	90 - 110	P	04/30/2025	22:40	LB135614
	Lead	4900	5000	98	90 - 110	P	04/30/2025	22:40	LB135614
	Magnesium	23900	25000	96	90 - 110	P	04/30/2025	22:40	LB135614
	Manganese	2400	2500	96	90 - 110	P	04/30/2025	22:40	LB135614
	Nickel	2460	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Potassium	25200	25000	101	90 - 110	P	04/30/2025	22:40	LB135614
	Selenium	5260	5000	105	90 - 110	P	04/30/2025	22:40	LB135614
	Silver	1240	1250	99	90 - 110	P	04/30/2025	22:40	LB135614
	Sodium	24900	25000	100	90 - 110	P	04/30/2025	22:40	LB135614
	Thallium	5030	5000	101	90 - 110	P	04/30/2025	22:40	LB135614
	Vanadium	2440	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	22:40	LB135614
CCV08	Aluminum	9980	10000	100	90 - 110	P	04/30/2025	23:05	LB135614
	Antimony	5150	5000	103	90 - 110	P	04/30/2025	23:05	LB135614
	Arsenic	5120	5000	102	90 - 110	P	04/30/2025	23:05	LB135614
	Barium	9730	10000	97	90 - 110	P	04/30/2025	23:05	LB135614
	Beryllium	246	250	98	90 - 110	P	04/30/2025	23:05	LB135614
	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Calcium	24000	25000	96	90 - 110	P	04/30/2025	23:05	LB135614
	Chromium	989	1000	99	90 - 110	P	04/30/2025	23:05	LB135614
	Cobalt	2440	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Copper	1280	1250	103	90 - 110	P	04/30/2025	23:05	LB135614
	Iron	5100	5000	102	90 - 110	P	04/30/2025	23:05	LB135614
	Lead	4880	5000	98	90 - 110	P	04/30/2025	23:05	LB135614
	Magnesium	23600	25000	94	90 - 110	P	04/30/2025	23:05	LB135614
	Manganese	2380	2500	95	90 - 110	P	04/30/2025	23:05	LB135614
	Nickel	2450	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Potassium	25000	25000	100	90 - 110	P	04/30/2025	23:05	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	5200	5000	104	90 - 110	P	04/30/2025	23:05	LB135614
	Silver	1240	1250	100	90 - 110	P	04/30/2025	23:05	LB135614
	Sodium	24400	25000	98	90 - 110	P	04/30/2025	23:05	LB135614
	Thallium	5020	5000	100	90 - 110	P	04/30/2025	23:05	LB135614
	Vanadium	2420	2500	97	90 - 110	P	04/30/2025	23:05	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	23:05	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2390	2500	96	90 - 110	P	05/01/2025	13:44	LB135636
	Antimony	1020	1000	102	90 - 110	P	05/01/2025	13:44	LB135636
	Arsenic	1010	1000	100	90 - 110	P	05/01/2025	13:44	LB135636
	Barium	495	520	95	90 - 110	P	05/01/2025	13:44	LB135636
	Beryllium	496	510	97	90 - 110	P	05/01/2025	13:44	LB135636
	Cadmium	508	510	100	90 - 110	P	05/01/2025	13:44	LB135636
	Calcium	9240	10000	92	90 - 110	P	05/01/2025	13:44	LB135636
	Chromium	506	520	97	90 - 110	P	05/01/2025	13:44	LB135636
	Cobalt	497	520	96	90 - 110	P	05/01/2025	13:44	LB135636
	Copper	508	510	100	90 - 110	P	05/01/2025	13:44	LB135636
	Iron	9100	10000	91	90 - 110	P	05/01/2025	13:44	LB135636
	Lead	989	1000	99	90 - 110	P	05/01/2025	13:44	LB135636
	Magnesium	5540	6000	92	90 - 110	P	05/01/2025	13:44	LB135636
	Manganese	476	520	92	90 - 110	P	05/01/2025	13:44	LB135636
	Nickel	500	530	94	90 - 110	P	05/01/2025	13:44	LB135636
	Potassium	8970	9900	91	90 - 110	P	05/01/2025	13:44	LB135636
	Selenium	1040	1000	104	90 - 110	P	05/01/2025	13:44	LB135636
	Silver	240	250	96	90 - 110	P	05/01/2025	13:44	LB135636
	Sodium	9020	10000	90	90 - 110	P	05/01/2025	13:44	LB135636
	Thallium	1030	1000	103	90 - 110	P	05/01/2025	13:44	LB135636
	Vanadium	466	500	93	90 - 110	P	05/01/2025	13:44	LB135636
	Zinc	982	1000	98	90 - 110	P	05/01/2025	13:44	LB135636

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	95.4	100	95	80 - 120	P	05/01/2025	14:01	LB135636
	Antimony	53.5	50.0	107	80 - 120	P	05/01/2025	14:01	LB135636
	Arsenic	23.7	20.0	119	80 - 120	P	05/01/2025	14:01	LB135636
	Barium	95.8	100	96	80 - 120	P	05/01/2025	14:01	LB135636
	Beryllium	6.09	6.0	102	80 - 120	P	05/01/2025	14:01	LB135636
	Cadmium	6.39	6.0	107	80 - 120	P	05/01/2025	14:01	LB135636
	Calcium	2040	2000	102	80 - 120	P	05/01/2025	14:01	LB135636
	Chromium	10.5	10.0	105	80 - 120	P	05/01/2025	14:01	LB135636
	Cobalt	31.3	30.0	104	80 - 120	P	05/01/2025	14:01	LB135636
	Copper	22.9	20.0	114	80 - 120	P	05/01/2025	14:01	LB135636
	Iron	106	100	106	80 - 120	P	05/01/2025	14:01	LB135636
	Lead	13.1	12.0	109	80 - 120	P	05/01/2025	14:01	LB135636
	Magnesium	2160	2000	108	80 - 120	P	05/01/2025	14:01	LB135636
	Manganese	21.3	20.0	107	80 - 120	P	05/01/2025	14:01	LB135636
	Nickel	42.7	40.0	107	80 - 120	P	05/01/2025	14:01	LB135636
	Potassium	2130	2000	106	80 - 120	P	05/01/2025	14:01	LB135636
	Selenium	22.9	20.0	114	80 - 120	P	05/01/2025	14:01	LB135636
	Silver	10.2	10.0	102	80 - 120	P	05/01/2025	14:01	LB135636
	Sodium	2030	2000	102	80 - 120	P	05/01/2025	14:01	LB135636
	Thallium	42.0	40.0	105	80 - 120	P	05/01/2025	14:01	LB135636
	Vanadium	41.1	40.0	103	80 - 120	P	05/01/2025	14:01	LB135636
	Zinc	43.0	40.0	108	80 - 120	P	05/01/2025	14:01	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	10000	10000	100	90 - 110	P	05/01/2025	15:05	LB135636
	Antimony	5110	5000	102	90 - 110	P	05/01/2025	15:05	LB135636
	Arsenic	5090	5000	102	90 - 110	P	05/01/2025	15:05	LB135636
	Barium	9650	10000	96	90 - 110	P	05/01/2025	15:05	LB135636
	Beryllium	256	250	102	90 - 110	P	05/01/2025	15:05	LB135636
	Cadmium	2500	2500	100	90 - 110	P	05/01/2025	15:05	LB135636
	Calcium	24500	25000	98	90 - 110	P	05/01/2025	15:05	LB135636
	Chromium	1000	1000	100	90 - 110	P	05/01/2025	15:05	LB135636
	Cobalt	2500	2500	100	90 - 110	P	05/01/2025	15:05	LB135636
	Copper	1280	1250	102	90 - 110	P	05/01/2025	15:05	LB135636
	Iron	4820	5000	96	90 - 110	P	05/01/2025	15:05	LB135636
	Lead	5010	5000	100	90 - 110	P	05/01/2025	15:05	LB135636
	Magnesium	24600	25000	98	90 - 110	P	05/01/2025	15:05	LB135636
	Manganese	2450	2500	98	90 - 110	P	05/01/2025	15:05	LB135636
	Nickel	2500	2500	100	90 - 110	P	05/01/2025	15:05	LB135636
	Potassium	24100	25000	96	90 - 110	P	05/01/2025	15:05	LB135636
	Selenium	5140	5000	103	90 - 110	P	05/01/2025	15:05	LB135636
	Silver	1250	1250	100	90 - 110	P	05/01/2025	15:05	LB135636
	Sodium	24000	25000	96	90 - 110	P	05/01/2025	15:05	LB135636
	Thallium	5140	5000	103	90 - 110	P	05/01/2025	15:05	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	15:05	LB135636
	Zinc	2510	2500	100	90 - 110	P	05/01/2025	15:05	LB135636
CCV02	Aluminum	9810	10000	98	90 - 110	P	05/01/2025	16:00	LB135636
	Antimony	4970	5000	99	90 - 110	P	05/01/2025	16:00	LB135636
	Arsenic	4930	5000	99	90 - 110	P	05/01/2025	16:00	LB135636
	Barium	10200	10000	102	90 - 110	P	05/01/2025	16:00	LB135636
	Beryllium	230	250	92	90 - 110	P	05/01/2025	16:00	LB135636
	Cadmium	2470	2500	99	90 - 110	P	05/01/2025	16:00	LB135636
	Calcium	24700	25000	99	90 - 110	P	05/01/2025	16:00	LB135636
	Chromium	995	1000	100	90 - 110	P	05/01/2025	16:00	LB135636
	Cobalt	2480	2500	99	90 - 110	P	05/01/2025	16:00	LB135636
	Copper	1250	1250	100	90 - 110	P	05/01/2025	16:00	LB135636
	Iron	5210	5000	104	90 - 110	P	05/01/2025	16:00	LB135636
	Lead	4980	5000	100	90 - 110	P	05/01/2025	16:00	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	24500	25000	98	90 - 110	P	05/01/2025	16:00	LB135636
	Manganese	2480	2500	99	90 - 110	P	05/01/2025	16:00	LB135636
	Nickel	2480	2500	99	90 - 110	P	05/01/2025	16:00	LB135636
	Potassium	25900	25000	104	90 - 110	P	05/01/2025	16:00	LB135636
	Selenium	4960	5000	99	90 - 110	P	05/01/2025	16:00	LB135636
	Silver	1220	1250	98	90 - 110	P	05/01/2025	16:00	LB135636
	Sodium	25500	25000	102	90 - 110	P	05/01/2025	16:00	LB135636
	Thallium	5100	5000	102	90 - 110	P	05/01/2025	16:00	LB135636
	Vanadium	2480	2500	99	90 - 110	P	05/01/2025	16:00	LB135636
	Zinc	2460	2500	98	90 - 110	P	05/01/2025	16:00	LB135636
CCV03	Aluminum	9800	10000	98	90 - 110	P	05/01/2025	17:03	LB135636
	Antimony	5040	5000	101	90 - 110	P	05/01/2025	17:03	LB135636
	Arsenic	5040	5000	101	90 - 110	P	05/01/2025	17:03	LB135636
	Barium	9950	10000	100	90 - 110	P	05/01/2025	17:03	LB135636
	Beryllium	228	250	91	90 - 110	P	05/01/2025	17:03	LB135636
	Cadmium	2510	2500	100	90 - 110	P	05/01/2025	17:03	LB135636
	Calcium	24400	25000	98	90 - 110	P	05/01/2025	17:03	LB135636
	Chromium	988	1000	99	90 - 110	P	05/01/2025	17:03	LB135636
	Cobalt	2500	2500	100	90 - 110	P	05/01/2025	17:03	LB135636
	Copper	1270	1250	102	90 - 110	P	05/01/2025	17:03	LB135636
	Iron	5240	5000	105	90 - 110	P	05/01/2025	17:03	LB135636
	Lead	5010	5000	100	90 - 110	P	05/01/2025	17:03	LB135636
	Magnesium	24200	25000	97	90 - 110	P	05/01/2025	17:03	LB135636
	Manganese	2440	2500	98	90 - 110	P	05/01/2025	17:03	LB135636
	Nickel	2500	2500	100	90 - 110	P	05/01/2025	17:03	LB135636
	Potassium	25600	25000	102	90 - 110	P	05/01/2025	17:03	LB135636
	Selenium	5060	5000	101	90 - 110	P	05/01/2025	17:03	LB135636
	Silver	1220	1250	97	90 - 110	P	05/01/2025	17:03	LB135636
	Sodium	25300	25000	101	90 - 110	P	05/01/2025	17:03	LB135636
	Thallium	5140	5000	103	90 - 110	P	05/01/2025	17:03	LB135636
	Vanadium	2470	2500	99	90 - 110	P	05/01/2025	17:03	LB135636
	Zinc	2460	2500	99	90 - 110	P	05/01/2025	17:03	LB135636
CCV04	Aluminum	9890	10000	99	90 - 110	P	05/01/2025	17:49	LB135636
	Antimony	5210	5000	104	90 - 110	P	05/01/2025	17:49	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	5160	5000	103	90 - 110	P	05/01/2025	17:49	LB135636
	Barium	10000	10000	100	90 - 110	P	05/01/2025	17:49	LB135636
	Beryllium	229	250	92	90 - 110	P	05/01/2025	17:49	LB135636
	Cadmium	2470	2500	99	90 - 110	P	05/01/2025	17:49	LB135636
	Calcium	24000	25000	96	90 - 110	P	05/01/2025	17:49	LB135636
	Chromium	987	1000	99	90 - 110	P	05/01/2025	17:49	LB135636
	Cobalt	2480	2500	99	90 - 110	P	05/01/2025	17:49	LB135636
	Copper	1290	1250	103	90 - 110	P	05/01/2025	17:49	LB135636
	Iron	5260	5000	105	90 - 110	P	05/01/2025	17:49	LB135636
	Lead	4950	5000	99	90 - 110	P	05/01/2025	17:49	LB135636
	Magnesium	23600	25000	94	90 - 110	P	05/01/2025	17:49	LB135636
	Manganese	2400	2500	96	90 - 110	P	05/01/2025	17:49	LB135636
	Nickel	2480	2500	99	90 - 110	P	05/01/2025	17:49	LB135636
	Potassium	26300	25000	105	90 - 110	P	05/01/2025	17:49	LB135636
	Selenium	5240	5000	105	90 - 110	P	05/01/2025	17:49	LB135636
	Silver	1250	1250	100	90 - 110	P	05/01/2025	17:49	LB135636
	Sodium	26500	25000	106	90 - 110	P	05/01/2025	17:49	LB135636
	Thallium	5130	5000	103	90 - 110	P	05/01/2025	17:49	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	17:49	LB135636
	Zinc	2540	2500	102	90 - 110	P	05/01/2025	17:49	LB135636
CCV05	Aluminum	9820	10000	98	90 - 110	P	05/01/2025	18:36	LB135636
	Antimony	5100	5000	102	90 - 110	P	05/01/2025	18:36	LB135636
	Arsenic	5090	5000	102	90 - 110	P	05/01/2025	18:36	LB135636
	Barium	9950	10000	100	90 - 110	P	05/01/2025	18:36	LB135636
	Beryllium	234	250	94	90 - 110	P	05/01/2025	18:36	LB135636
	Cadmium	2500	2500	100	90 - 110	P	05/01/2025	18:36	LB135636
	Calcium	24100	25000	96	90 - 110	P	05/01/2025	18:36	LB135636
	Chromium	984	1000	98	90 - 110	P	05/01/2025	18:36	LB135636
	Cobalt	2490	2500	100	90 - 110	P	05/01/2025	18:36	LB135636
	Copper	1270	1250	102	90 - 110	P	05/01/2025	18:36	LB135636
	Iron	4990	5000	100	90 - 110	P	05/01/2025	18:36	LB135636
	Lead	4980	5000	100	90 - 110	P	05/01/2025	18:36	LB135636
	Magnesium	23800	25000	95	90 - 110	P	05/01/2025	18:36	LB135636
	Manganese	2410	2500	96	90 - 110	P	05/01/2025	18:36	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2500	2500	100	90 - 110	P	05/01/2025	18:36	LB135636
	Potassium	25000	25000	100	90 - 110	P	05/01/2025	18:36	LB135636
	Selenium	5150	5000	103	90 - 110	P	05/01/2025	18:36	LB135636
	Silver	1230	1250	98	90 - 110	P	05/01/2025	18:36	LB135636
	Sodium	25000	25000	100	90 - 110	P	05/01/2025	18:36	LB135636
	Thallium	5200	5000	104	90 - 110	P	05/01/2025	18:36	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	18:36	LB135636
	Zinc	2500	2500	100	90 - 110	P	05/01/2025	18:36	LB135636
CCV06	Aluminum	9920	10000	99	90 - 110	P	05/01/2025	19:23	LB135636
	Antimony	5030	5000	101	90 - 110	P	05/01/2025	19:23	LB135636
	Arsenic	4990	5000	100	90 - 110	P	05/01/2025	19:23	LB135636
	Barium	9830	10000	98	90 - 110	P	05/01/2025	19:23	LB135636
	Beryllium	247	250	99	90 - 110	P	05/01/2025	19:23	LB135636
	Cadmium	2460	2500	98	90 - 110	P	05/01/2025	19:23	LB135636
	Calcium	23900	25000	96	90 - 110	P	05/01/2025	19:23	LB135636
	Chromium	980	1000	98	90 - 110	P	05/01/2025	19:23	LB135636
	Cobalt	2460	2500	98	90 - 110	P	05/01/2025	19:23	LB135636
	Copper	1260	1250	101	90 - 110	P	05/01/2025	19:23	LB135636
	Iron	4800	5000	96	90 - 110	P	05/01/2025	19:23	LB135636
	Lead	4920	5000	98	90 - 110	P	05/01/2025	19:23	LB135636
	Magnesium	23800	25000	95	90 - 110	P	05/01/2025	19:23	LB135636
	Manganese	2410	2500	96	90 - 110	P	05/01/2025	19:23	LB135636
	Nickel	2460	2500	98	90 - 110	P	05/01/2025	19:23	LB135636
	Potassium	24500	25000	98	90 - 110	P	05/01/2025	19:23	LB135636
	Selenium	5030	5000	101	90 - 110	P	05/01/2025	19:23	LB135636
	Silver	1240	1250	99	90 - 110	P	05/01/2025	19:23	LB135636
	Sodium	24700	25000	99	90 - 110	P	05/01/2025	19:23	LB135636
	Thallium	5200	5000	104	90 - 110	P	05/01/2025	19:23	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	19:23	LB135636
	Zinc	2520	2500	101	90 - 110	P	05/01/2025	19:23	LB135636
CCV07	Aluminum	9850	10000	98	90 - 110	P	05/01/2025	20:11	LB135636
	Antimony	5070	5000	101	90 - 110	P	05/01/2025	20:11	LB135636
	Arsenic	5090	5000	102	90 - 110	P	05/01/2025	20:11	LB135636
	Barium	9790	10000	98	90 - 110	P	05/01/2025	20:11	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	251	250	100	90 - 110	P	05/01/2025	20:11	LB135636
	Cadmium	2500	2500	100	90 - 110	P	05/01/2025	20:11	LB135636
	Calcium	24200	25000	97	90 - 110	P	05/01/2025	20:11	LB135636
	Chromium	995	1000	100	90 - 110	P	05/01/2025	20:11	LB135636
	Cobalt	2490	2500	100	90 - 110	P	05/01/2025	20:11	LB135636
	Copper	1270	1250	102	90 - 110	P	05/01/2025	20:11	LB135636
	Iron	4840	5000	97	90 - 110	P	05/01/2025	20:11	LB135636
	Lead	4980	5000	100	90 - 110	P	05/01/2025	20:11	LB135636
	Magnesium	24300	25000	97	90 - 110	P	05/01/2025	20:11	LB135636
	Manganese	2420	2500	97	90 - 110	P	05/01/2025	20:11	LB135636
	Nickel	2500	2500	100	90 - 110	P	05/01/2025	20:11	LB135636
	Potassium	24200	25000	97	90 - 110	P	05/01/2025	20:11	LB135636
	Selenium	5120	5000	102	90 - 110	P	05/01/2025	20:11	LB135636
	Silver	1250	1250	100	90 - 110	P	05/01/2025	20:11	LB135636
	Sodium	24500	25000	98	90 - 110	P	05/01/2025	20:11	LB135636
	Thallium	5190	5000	104	90 - 110	P	05/01/2025	20:11	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	20:11	LB135636
	Zinc	2530	2500	101	90 - 110	P	05/01/2025	20:11	LB135636
CCV08	Aluminum	9910	10000	99	90 - 110	P	05/01/2025	20:24	LB135636
	Antimony	5230	5000	105	90 - 110	P	05/01/2025	20:24	LB135636
	Arsenic	5180	5000	104	90 - 110	P	05/01/2025	20:24	LB135636
	Barium	9880	10000	99	90 - 110	P	05/01/2025	20:24	LB135636
	Beryllium	242	250	97	90 - 110	P	05/01/2025	20:24	LB135636
	Cadmium	2490	2500	100	90 - 110	P	05/01/2025	20:24	LB135636
	Calcium	24100	25000	96	90 - 110	P	05/01/2025	20:24	LB135636
	Chromium	980	1000	98	90 - 110	P	05/01/2025	20:24	LB135636
	Cobalt	2500	2500	100	90 - 110	P	05/01/2025	20:24	LB135636
	Copper	1290	1250	104	90 - 110	P	05/01/2025	20:24	LB135636
	Iron	4920	5000	98	90 - 110	P	05/01/2025	20:24	LB135636
	Lead	4990	5000	100	90 - 110	P	05/01/2025	20:24	LB135636
	Magnesium	23800	25000	95	90 - 110	P	05/01/2025	20:24	LB135636
	Manganese	2420	2500	97	90 - 110	P	05/01/2025	20:24	LB135636
	Nickel	2500	2500	100	90 - 110	P	05/01/2025	20:24	LB135636
	Potassium	24700	25000	99	90 - 110	P	05/01/2025	20:24	LB135636

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	5270	5000	105	90 - 110	P	05/01/2025	20:24	LB135636
	Silver	1240	1250	99	90 - 110	P	05/01/2025	20:24	LB135636
	Sodium	25000	25000	100	90 - 110	P	05/01/2025	20:24	LB135636
	Thallium	5150	5000	103	90 - 110	P	05/01/2025	20:24	LB135636
	Vanadium	2450	2500	98	90 - 110	P	05/01/2025	20:24	LB135636
	Zinc	2500	2500	100	90 - 110	P	05/01/2025	20:24	LB135636

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2400	2500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Antimony	972	1000	97	90 - 110	P	05/06/2025	14:47	LB135689
	Arsenic	976	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Barium	531	520	102	90 - 110	P	05/06/2025	14:47	LB135689
	Beryllium	552	510	108	90 - 110	P	05/06/2025	14:47	LB135689
	Cadmium	498	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Calcium	9500	10000	95	90 - 110	P	05/06/2025	14:47	LB135689
	Chromium	498	520	96	90 - 110	P	05/06/2025	14:47	LB135689
	Cobalt	487	520	94	90 - 110	P	05/06/2025	14:47	LB135689
	Copper	500	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Iron	10500	10000	105	90 - 110	P	05/06/2025	14:47	LB135689
	Lead	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Magnesium	5640	6000	94	90 - 110	P	05/06/2025	14:47	LB135689
	Manganese	493	520	95	90 - 110	P	05/06/2025	14:47	LB135689
	Nickel	492	530	93	90 - 110	P	05/06/2025	14:47	LB135689
	Potassium	10100	9900	102	90 - 110	P	05/06/2025	14:47	LB135689
	Selenium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Silver	232	250	93	90 - 110	P	05/06/2025	14:47	LB135689
	Sodium	10000	10000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Thallium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Vanadium	478	500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Zinc	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	105	100	105	80 - 120	P	05/06/2025	15:22	LB135689
	Antimony	50.3	50.0	101	80 - 120	P	05/06/2025	15:22	LB135689
	Arsenic	18.2	20.0	91	80 - 120	P	05/06/2025	15:22	LB135689
	Barium	91.5	100	92	80 - 120	P	05/06/2025	15:22	LB135689
	Beryllium	5.90	6.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Cadmium	5.98	6.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Calcium	1930	2000	96	80 - 120	P	05/06/2025	15:22	LB135689
	Chromium	9.31	10.0	93	80 - 120	P	05/06/2025	15:22	LB135689
	Cobalt	28.6	30.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Copper	21.1	20.0	106	80 - 120	P	05/06/2025	15:22	LB135689
	Iron	98.2	100	98	80 - 120	P	05/06/2025	15:22	LB135689
	Lead	11.1	12.0	92	80 - 120	P	05/06/2025	15:22	LB135689
	Magnesium	2030	2000	102	80 - 120	P	05/06/2025	15:22	LB135689
	Manganese	19.6	20.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Nickel	38.9	40.0	97	80 - 120	P	05/06/2025	15:22	LB135689
	Potassium	1770	2000	88	80 - 120	P	05/06/2025	15:22	LB135689
	Selenium	19.1	20.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Silver	9.80	10.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Sodium	1790	2000	89	80 - 120	P	05/06/2025	15:22	LB135689
	Thallium	39.9	40.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Vanadium	38.0	40.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Zinc	40.4	40.0	101	80 - 120	P	05/06/2025	15:22	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	9630	10000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Antimony	4790	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Barium	9340	10000	93	90 - 110	P	05/06/2025	16:29	LB135689
	Beryllium	249	250	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cadmium	2390	2500	95	90 - 110	P	05/06/2025	16:29	LB135689
	Calcium	23900	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Chromium	998	1000	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Copper	1210	1250	97	90 - 110	P	05/06/2025	16:29	LB135689
	Iron	5040	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Lead	5030	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Magnesium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Manganese	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Nickel	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Potassium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Selenium	4800	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	16:29	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Thallium	4670	5000	94	90 - 110	P	05/06/2025	16:29	LB135689
	Vanadium	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Zinc	2470	2500	99	90 - 110	P	05/06/2025	16:29	LB135689
CCV02	Aluminum	9480	10000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Antimony	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Arsenic	4730	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Barium	9710	10000	97	90 - 110	P	05/06/2025	17:15	LB135689
	Beryllium	237	250	95	90 - 110	P	05/06/2025	17:15	LB135689
	Cadmium	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Calcium	24000	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Chromium	962	1000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Copper	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Iron	5000	5000	100	90 - 110	P	05/06/2025	17:15	LB135689
	Lead	4890	5000	98	90 - 110	P	05/06/2025	17:15	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	23700	25000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Manganese	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Nickel	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Potassium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Selenium	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Silver	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Thallium	4770	5000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Vanadium	2390	2500	95	90 - 110	P	05/06/2025	17:15	LB135689
	Zinc	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
CCV03	Aluminum	9460	10000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Antimony	4590	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Arsenic	4570	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Barium	9450	10000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Beryllium	240	250	96	90 - 110	P	05/06/2025	18:08	LB135689
	Cadmium	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Calcium	23700	25000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Chromium	954	1000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Cobalt	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Copper	1170	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Iron	4700	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Lead	4690	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Magnesium	23600	25000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Manganese	2390	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
	Nickel	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Potassium	23200	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Selenium	4550	5000	91	90 - 110	P	05/06/2025	18:08	LB135689
	Silver	1180	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Sodium	23300	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Thallium	4710	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Vanadium	2360	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Zinc	2370	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
CCV04	Aluminum	9960	10000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Antimony	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689
	Barium	9930	10000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Beryllium	264	250	106	90 - 110	P	05/06/2025	19:16	LB135689
	Cadmium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Chromium	988	1000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Cobalt	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Iron	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Lead	4970	5000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Magnesium	24900	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Manganese	2530	2500	101	90 - 110	P	05/06/2025	19:16	LB135689
	Nickel	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Potassium	23600	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Sodium	23500	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Thallium	4760	5000	95	90 - 110	P	05/06/2025	19:16	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Zinc	2490	2500	100	90 - 110	P	05/06/2025	19:16	LB135689
CCV05	Aluminum	10000	10000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Antimony	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Barium	9940	10000	99	90 - 110	P	05/06/2025	20:01	LB135689
	Beryllium	260	250	104	90 - 110	P	05/06/2025	20:01	LB135689
	Cadmium	2460	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Chromium	995	1000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Cobalt	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Copper	1230	1250	98	90 - 110	P	05/06/2025	20:01	LB135689
	Iron	4860	5000	97	90 - 110	P	05/06/2025	20:01	LB135689
	Lead	4900	5000	98	90 - 110	P	05/06/2025	20:01	LB135689
	Magnesium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Manganese	2520	2500	101	90 - 110	P	05/06/2025	20:01	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Potassium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Selenium	4730	5000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Silver	1230	1250	99	90 - 110	P	05/06/2025	20:01	LB135689
	Sodium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Thallium	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Zinc	2480	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
CCV06	Aluminum	9830	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Antimony	4880	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Barium	9850	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Beryllium	241	250	96	90 - 110	P	05/06/2025	20:31	LB135689
	Cadmium	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Calcium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Chromium	975	1000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Cobalt	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	20:31	LB135689
	Iron	4920	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Lead	4870	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Magnesium	24300	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Manganese	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Nickel	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Potassium	24200	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	20:31	LB135689
	Silver	1210	1250	97	90 - 110	P	05/06/2025	20:31	LB135689
	Sodium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Thallium	4750	5000	95	90 - 110	P	05/06/2025	20:31	LB135689
	Vanadium	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Zinc	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	106	40 - 160	CV	04/30/2025	13:45	LB135611
CRI01	Aluminum	97.5	100	98	40 - 160	P	04/30/2025	16:41	LB135614
	Antimony	54.6	50.0	109	40 - 160	P	04/30/2025	16:41	LB135614
	Arsenic	21.9	20.0	109	40 - 160	P	04/30/2025	16:41	LB135614
	Barium	90.6	100	91	40 - 160	P	04/30/2025	16:41	LB135614
	Beryllium	6.30	6.0	105	40 - 160	P	04/30/2025	16:41	LB135614
	Cadmium	6.34	6.0	106	40 - 160	P	04/30/2025	16:41	LB135614
	Calcium	2030	2000	101	40 - 160	P	04/30/2025	16:41	LB135614
	Chromium	9.88	10.0	99	40 - 160	P	04/30/2025	16:41	LB135614
	Cobalt	30.3	30.0	101	40 - 160	P	04/30/2025	16:41	LB135614
	Copper	23.2	20.0	116	40 - 160	P	04/30/2025	16:41	LB135614
	Iron	90.9	100	91	40 - 160	P	04/30/2025	16:41	LB135614
	Lead	13.5	12.0	112	40 - 160	P	04/30/2025	16:41	LB135614
	Magnesium	2140	2000	107	40 - 160	P	04/30/2025	16:41	LB135614
	Manganese	21.0	20.0	105	40 - 160	P	04/30/2025	16:41	LB135614
	Nickel	41.3	40.0	103	40 - 160	P	04/30/2025	16:41	LB135614
	Potassium	2030	2000	101	40 - 160	P	04/30/2025	16:41	LB135614
	Selenium	16.5	20.0	82	40 - 160	P	04/30/2025	16:41	LB135614
	Silver	10.8	10.0	108	40 - 160	P	04/30/2025	16:41	LB135614
	Sodium	1740	2000	87	40 - 160	P	04/30/2025	16:41	LB135614
	Thallium	44.9	40.0	112	40 - 160	P	04/30/2025	16:41	LB135614
	Vanadium	38.9	40.0	97	40 - 160	P	04/30/2025	16:41	LB135614
	Zinc	42.8	40.0	107	40 - 160	P	04/30/2025	16:41	LB135614
CRA	Mercury	0.17	0.2	86	40 - 160	CV	05/01/2025	12:05	LB135623
CRI01	Aluminum	101	100	101	40 - 160	P	05/01/2025	14:16	LB135636
	Antimony	53.6	50.0	107	40 - 160	P	05/01/2025	14:16	LB135636
	Arsenic	23.3	20.0	116	40 - 160	P	05/01/2025	14:16	LB135636
	Barium	93.6	100	94	40 - 160	P	05/01/2025	14:16	LB135636
	Beryllium	6.02	6.0	100	40 - 160	P	05/01/2025	14:16	LB135636
	Cadmium	6.36	6.0	106	40 - 160	P	05/01/2025	14:16	LB135636
	Calcium	2030	2000	102	40 - 160	P	05/01/2025	14:16	LB135636
	Chromium	10.6	10.0	106	40 - 160	P	05/01/2025	14:16	LB135636
	Cobalt	30.7	30.0	102	40 - 160	P	05/01/2025	14:16	LB135636
	Copper	23.1	20.0	116	40 - 160	P	05/01/2025	14:16	LB135636
	Iron	104	100	104	40 - 160	P	05/01/2025	14:16	LB135636

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	Lead	13.3	12.0	111	40 - 160	P	05/01/2025	14:16	LB135636
	Magnesium	2150	2000	108	40 - 160	P	05/01/2025	14:16	LB135636
	Manganese	20.7	20.0	104	40 - 160	P	05/01/2025	14:16	LB135636
	Nickel	41.9	40.0	105	40 - 160	P	05/01/2025	14:16	LB135636
	Potassium	2180	2000	109	40 - 160	P	05/01/2025	14:16	LB135636
	Selenium	23.1	20.0	115	40 - 160	P	05/01/2025	14:16	LB135636
	Silver	10.6	10.0	106	40 - 160	P	05/01/2025	14:16	LB135636
	Sodium	2040	2000	102	40 - 160	P	05/01/2025	14:16	LB135636
	Thallium	44.6	40.0	112	40 - 160	P	05/01/2025	14:16	LB135636
	Vanadium	41.6	40.0	104	40 - 160	P	05/01/2025	14:16	LB135636
	Zinc	42.5	40.0	106	40 - 160	P	05/01/2025	14:16	LB135636
CRI01	Aluminum	102	100	102	40 - 160	P	05/06/2025	15:31	LB135689
	Antimony	50.4	50.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Arsenic	20.3	20.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Barium	89.4	100	89	40 - 160	P	05/06/2025	15:31	LB135689
	Beryllium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Cadmium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Calcium	1950	2000	97	40 - 160	P	05/06/2025	15:31	LB135689
	Chromium	9.54	10.0	95	40 - 160	P	05/06/2025	15:31	LB135689
	Cobalt	28.3	30.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Copper	21.6	20.0	108	40 - 160	P	05/06/2025	15:31	LB135689
	Iron	95.6	100	96	40 - 160	P	05/06/2025	15:31	LB135689
	Lead	10.0	12.0	83	40 - 160	P	05/06/2025	15:31	LB135689
	Magnesium	2050	2000	102	40 - 160	P	05/06/2025	15:31	LB135689
	Manganese	19.8	20.0	99	40 - 160	P	05/06/2025	15:31	LB135689
	Nickel	38.6	40.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Potassium	1730	2000	87	40 - 160	P	05/06/2025	15:31	LB135689
	Selenium	22.5	20.0	112	40 - 160	P	05/06/2025	15:31	LB135689
	Silver	9.66	10.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Sodium	1760	2000	88	40 - 160	P	05/06/2025	15:31	LB135689
	Thallium	37.5	40.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Vanadium	39.4	40.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Zinc	39.7	40.0	99	40 - 160	P	05/06/2025	15:31	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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	238000	255000	93	216000	294000	04/30/2025	16:46	LB135614
	Antimony	-3.45			-50	50	04/30/2025	16:46	LB135614
	Arsenic	5.92			-20	20	04/30/2025	16:46	LB135614
	Barium	2.05	6.0	34	-94	106	04/30/2025	16:46	LB135614
	Beryllium	0.57			-6	6	04/30/2025	16:46	LB135614
	Cadmium	-2.34	1.0	234	-5	7	04/30/2025	16:46	LB135614
	Calcium	229000	245000	94	208000	282000	04/30/2025	16:46	LB135614
	Chromium	56.4	52.0	108	42	62	04/30/2025	16:46	LB135614
	Cobalt	0.78			-30	30	04/30/2025	16:46	LB135614
	Copper	1.85	2.0	92	-18	22	04/30/2025	16:46	LB135614
	Iron	102000	101000	101	85600	116500	04/30/2025	16:46	LB135614
	Lead	-0.96			-12	12	04/30/2025	16:46	LB135614
	Magnesium	245000	255000	96	216000	294000	04/30/2025	16:46	LB135614
	Manganese	1.20	7.0	17	-13	27	04/30/2025	16:46	LB135614
	Nickel	1.86	2.0	93	-38	42	04/30/2025	16:46	LB135614
	Potassium	131			0	0	04/30/2025	16:46	LB135614
	Selenium	-1.87			-20	20	04/30/2025	16:46	LB135614
	Silver	1.91			-10	10	04/30/2025	16:46	LB135614
	Sodium	-8.38			0	0	04/30/2025	16:46	LB135614
	Thallium	11.1			-40	40	04/30/2025	16:46	LB135614
	Vanadium	1.35			-40	40	04/30/2025	16:46	LB135614
	Zinc	3.18			-40	40	04/30/2025	16:46	LB135614
ICSAB01	Aluminum	234000	247000	95	209000	285000	04/30/2025	17:04	LB135614
	Antimony	633	618	102	525	711	04/30/2025	17:04	LB135614
	Arsenic	117	104	112	88.4	120	04/30/2025	17:04	LB135614
	Barium	496	537	92	437	637	04/30/2025	17:04	LB135614
	Beryllium	514	495	104	420	570	04/30/2025	17:04	LB135614
	Cadmium	1090	972	112	826	1120	04/30/2025	17:04	LB135614
	Calcium	225000	235000	96	199000	271000	04/30/2025	17:04	LB135614
	Chromium	600	542	111	460	624	04/30/2025	17:04	LB135614
	Cobalt	531	476	112	404	548	04/30/2025	17:04	LB135614
	Copper	502	511	98	434	588	04/30/2025	17:04	LB135614
	Iron	97700	99300	98	84400	114500	04/30/2025	17:04	LB135614
	Lead	50.9	49.0	104	37	61	04/30/2025	17:04	LB135614
	Magnesium	242000	248000	98	210000	286000	04/30/2025	17:04	LB135614
	Manganese	496	507	98	430	584	04/30/2025	17:04	LB135614
	Nickel	1050	954	110	810	1100	04/30/2025	17:04	LB135614
	Potassium	109			0	0	04/30/2025	17:04	LB135614
	Selenium	50.9	46.0	111	26	66	04/30/2025	17:04	LB135614
	Silver	205	201	102	170	232	04/30/2025	17:04	LB135614
	Sodium	-15.6			0	0	04/30/2025	17:04	LB135614
	Thallium	118	108	109	68	148	04/30/2025	17:04	LB135614

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	491	100	417	565	04/30/2025	17:04	LB135614
	Zinc	1090	952	114	809	1095	04/30/2025	17:04	LB135614
ICSA01	Aluminum	228000	255000	89	216000	294000	05/01/2025	14:35	LB135636
	Antimony	-5.48			-50	50	05/01/2025	14:35	LB135636
	Arsenic	2.11			-20	20	05/01/2025	14:35	LB135636
	Barium	0.52	6.0	9	-94	106	05/01/2025	14:35	LB135636
	Beryllium	1.18			-6	6	05/01/2025	14:35	LB135636
	Cadmium	-4.57	1.0	457	-5	7	05/01/2025	14:35	LB135636
	Calcium	215000	245000	88	208000	282000	05/01/2025	14:35	LB135636
	Chromium	53.0	52.0	102	42	62	05/01/2025	14:35	LB135636
	Cobalt	0.28			-30	30	05/01/2025	14:35	LB135636
	Copper	5.64	2.0	282	-18	22	05/01/2025	14:35	LB135636
	Iron	96900	101000	96	85600	116500	05/01/2025	14:35	LB135636
	Lead	-4.15			-12	12	05/01/2025	14:35	LB135636
	Magnesium	227000	255000	89	216000	294000	05/01/2025	14:35	LB135636
	Manganese	1.74	7.0	25	-13	27	05/01/2025	14:35	LB135636
	Nickel	2.25	2.0	112	-38	42	05/01/2025	14:35	LB135636
	Potassium	96.2			0	0	05/01/2025	14:35	LB135636
	Selenium	-9.38			-20	20	05/01/2025	14:35	LB135636
	Silver	1.45			-10	10	05/01/2025	14:35	LB135636
	Sodium	-18.9			0	0	05/01/2025	14:35	LB135636
	Thallium	6.42			-40	40	05/01/2025	14:35	LB135636
	Vanadium	2.55			-40	40	05/01/2025	14:35	LB135636
	Zinc	1.75			-40	40	05/01/2025	14:35	LB135636
ICSAB01	Aluminum	238000	247000	96	209000	285000	05/01/2025	14:39	LB135636
	Antimony	668	618	108	525	711	05/01/2025	14:39	LB135636
	Arsenic	120	104	115	88.4	120	05/01/2025	14:39	LB135636
	Barium	487	537	91	437	637	05/01/2025	14:39	LB135636
	Beryllium	530	495	107	420	570	05/01/2025	14:39	LB135636
	Cadmium	1080	972	111	826	1120	05/01/2025	14:39	LB135636
	Calcium	221000	235000	94	199000	271000	05/01/2025	14:39	LB135636
	Chromium	583	542	108	460	624	05/01/2025	14:39	LB135636
	Cobalt	532	476	112	404	548	05/01/2025	14:39	LB135636
	Copper	540	511	106	434	588	05/01/2025	14:39	LB135636
	Iron	90200	99300	91	84400	114500	05/01/2025	14:39	LB135636
	Lead	52.5	49.0	107	37	61	05/01/2025	14:39	LB135636
	Magnesium	237000	248000	96	210000	286000	05/01/2025	14:39	LB135636
	Manganese	494	507	97	430	584	05/01/2025	14:39	LB135636
	Nickel	1060	954	111	810	1100	05/01/2025	14:39	LB135636
	Potassium	135			0	0	05/01/2025	14:39	LB135636
	Selenium	45.9	46.0	100	26	66	05/01/2025	14:39	LB135636
	Silver	203	201	101	170	232	05/01/2025	14:39	LB135636

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-8.61			0	0	05/01/2025	14:39	LB135636
	Thallium	118	108	109	68	148	05/01/2025	14:39	LB135636
	Vanadium	492	491	100	417	565	05/01/2025	14:39	LB135636
	Zinc	1090	952	114	809	1095	05/01/2025	14:39	LB135636
ICSA01	Aluminum	237000	255000	93	216000	294000	05/06/2025	15:50	LB135689
	Antimony	-1.78			-50	50	05/06/2025	15:50	LB135689
	Arsenic	4.12			-20	20	05/06/2025	15:50	LB135689
	Barium	2.93	6.0	49	-94	106	05/06/2025	15:50	LB135689
	Beryllium	1.32			-6	6	05/06/2025	15:50	LB135689
	Cadmium	-2.60	1.0	260	-5	7	05/06/2025	15:50	LB135689
	Calcium	225000	245000	92	208000	282000	05/06/2025	15:50	LB135689
	Chromium	52.9	52.0	102	42	62	05/06/2025	15:50	LB135689
	Cobalt	0.63			-30	30	05/06/2025	15:50	LB135689
	Copper	-0.0080	2.0		-18	22	05/06/2025	15:50	LB135689
	Iron	91100	101000	90	85600	116500	05/06/2025	15:50	LB135689
	Lead	0.71			-12	12	05/06/2025	15:50	LB135689
	Magnesium	240000	255000	94	216000	294000	05/06/2025	15:50	LB135689
	Manganese	1.70	7.0	24	-13	27	05/06/2025	15:50	LB135689
	Nickel	1.98	2.0	99	-38	42	05/06/2025	15:50	LB135689
	Potassium	-66.1			0	0	05/06/2025	15:50	LB135689
	Selenium	-10.5			-20	20	05/06/2025	15:50	LB135689
	Silver	0.23			-10	10	05/06/2025	15:50	LB135689
	Sodium	-51.3			0	0	05/06/2025	15:50	LB135689
	Thallium	4.79			-40	40	05/06/2025	15:50	LB135689
	Vanadium	1.20			-40	40	05/06/2025	15:50	LB135689
	Zinc	3.59			-40	40	05/06/2025	15:50	LB135689
ICSAB01	Aluminum	230000	247000	93	209000	285000	05/06/2025	15:55	LB135689
	Antimony	641	618	104	525	711	05/06/2025	15:55	LB135689
	Arsenic	114	104	110	88.4	120	05/06/2025	15:55	LB135689
	Barium	512	537	95	437	637	05/06/2025	15:55	LB135689
	Beryllium	505	495	102	420	570	05/06/2025	15:55	LB135689
	Cadmium	1060	972	109	826	1120	05/06/2025	15:55	LB135689
	Calcium	220000	235000	94	199000	271000	05/06/2025	15:55	LB135689
	Chromium	576	542	106	460	624	05/06/2025	15:55	LB135689
	Cobalt	523	476	110	404	548	05/06/2025	15:55	LB135689
	Copper	516	511	101	434	588	05/06/2025	15:55	LB135689
	Iron	94200	99300	95	84400	114500	05/06/2025	15:55	LB135689
	Lead	48.7	49.0	99	37	61	05/06/2025	15:55	LB135689
	Magnesium	232000	248000	94	210000	286000	05/06/2025	15:55	LB135689
	Manganese	507	507	100	430	584	05/06/2025	15:55	LB135689
	Nickel	1040	954	109	810	1100	05/06/2025	15:55	LB135689
	Potassium	-56.0			0	0	05/06/2025	15:55	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	41.3	46.0	90	26	66	05/06/2025	15:55	LB135689
	Silver	195	201	97	170	232	05/06/2025	15:55	LB135689
	Sodium	-60.0			0	0	05/06/2025	15:55	LB135689
	Thallium	112	108	104	68	148	05/06/2025	15:55	LB135689
	Vanadium	498	491	101	417	565	05/06/2025	15:55	LB135689
	Zinc	1070	952	112	809	1095	05/06/2025	15:55	LB135689

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Water **sample id:** Q1896-03 **client id:** 295-BERGEN-FRACMS

Percent Solids for Sample: NA **Spiked ID:** Q1896-03MS **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	75 - 125	3.88		1.03		4.0	71	N	CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Water **sample id:** Q1896-03 **client id:** 295-BERGEN-FRACMSD

Percent Solids for Sample: NA **Spiked ID:** Q1896-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.80		1.03		4.0	69	N	CV

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Solid **sample id:** Q1901-02 **client id:** B-167-SB01MS

Percent Solids for Sample: 82.6 **Spiked ID:** Q1901-02MS **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.039		0.33	90		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Solid **sample id:** Q1901-02 **client id:** B-167-SB01MSD

Percent Solids for Sample: 82.6 **Spiked ID:** Q1901-02MSD **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.31		0.039		0.3	92		CV

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Water **sample id:** Q1901-06 **client id:** FB04262025MS

Percent Solids for Sample: NA **Spiked ID:** Q1901-06MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	906		6.11	J	1000	90		P
Antimony	ug/L	75 - 125	382		25.0	U	400	96		P
Arsenic	ug/L	75 - 125	372		10.0	U	400	93		P
Barium	ug/L	75 - 125	87.6		50.0	U	100	88		P
Beryllium	ug/L	75 - 125	81.0		3.00	U	100	81		P
Cadmium	ug/L	75 - 125	92.0		3.00	U	100	92		P
Calcium	ug/L	75 - 125	476	J	1000	U	500	95		P
Chromium	ug/L	75 - 125	187		5.00	U	200	94		P
Cobalt	ug/L	75 - 125	91.3		15.0	U	100	91		P
Copper	ug/L	75 - 125	143		10.0	U	150	95		P
Iron	ug/L	75 - 125	1440		50.0	U	1500	96		P
Lead	ug/L	75 - 125	454		6.00	U	500	91		P
Magnesium	ug/L	75 - 125	894	J	1000	U	1000	89		P
Manganese	ug/L	75 - 125	91.6		6.66	J	100	85		P
Nickel	ug/L	75 - 125	230		20.0	U	250	92		P
Potassium	ug/L	75 - 125	4650		1000	U	5000	93		P
Selenium	ug/L	75 - 125	900		10.0	U	1000	90		P
Silver	ug/L	75 - 125	33.3		5.00	U	37.5	89		P
Sodium	ug/L	75 - 125	1380		1000	U	1500	92		P
Thallium	ug/L	75 - 125	952		20.0	U	1000	95		P
Vanadium	ug/L	75 - 125	138		20.0	U	150	92		P
Zinc	ug/L	75 - 125	100		20.0	U	100	100		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Water **sample id:** Q1901-06 **client id:** FB04262025MSD

Percent Solids for Sample: NA **Spiked ID:** Q1901-06MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	944		6.11	J	1000	94		P
Antimony	ug/L	75 - 125	393		25.0	U	400	98		P
Arsenic	ug/L	75 - 125	380		10.0	U	400	95		P
Barium	ug/L	75 - 125	89.6		50.0	U	100	90		P
Beryllium	ug/L	75 - 125	88.5		3.00	U	100	88		P
Cadmium	ug/L	75 - 125	94.4		3.00	U	100	94		P
Calcium	ug/L	75 - 125	495	J	1000	U	500	99		P
Chromium	ug/L	75 - 125	196		5.00	U	200	98		P
Cobalt	ug/L	75 - 125	93.9		15.0	U	100	94		P
Copper	ug/L	75 - 125	147		10.0	U	150	98		P
Iron	ug/L	75 - 125	1450		50.0	U	1500	97		P
Lead	ug/L	75 - 125	465		6.00	U	500	93		P
Magnesium	ug/L	75 - 125	940	J	1000	U	1000	94		P
Manganese	ug/L	75 - 125	98.3		6.66	J	100	92		P
Nickel	ug/L	75 - 125	236		20.0	U	250	94		P
Potassium	ug/L	75 - 125	4750		1000	U	5000	95		P
Selenium	ug/L	75 - 125	923		10.0	U	1000	92		P
Silver	ug/L	75 - 125	35.5		5.00	U	37.5	95		P
Sodium	ug/L	75 - 125	1420		1000	U	1500	95		P
Thallium	ug/L	75 - 125	959		20.0	U	1000	96		P
Vanadium	ug/L	75 - 125	143		20.0	U	150	95		P
Zinc	ug/L	75 - 125	98.4		20.0	U	100	98		P

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Solid **sample id:** Q1902-02 **client id:** 343MS

Percent Solids for Sample: 90.3 **Spiked ID:** Q1902-02MS **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8240		6010		100	2229		P
Antimony	mg/Kg	75 - 125	14.9		2.38	U	42.0	36	N	P
Arsenic	mg/Kg	75 - 125	39.6		2.97		42.0	87		P
Barium	mg/Kg	75 - 125	58.6		44.1		10.5	138		P
Beryllium	mg/Kg	75 - 125	10.3		0.40		10.5	95		P
Cadmium	mg/Kg	75 - 125	11.0		0.28	U	10.5	104		P
Calcium	mg/Kg	75 - 125	1100		817		52.5	535		P
Chromium	mg/Kg	75 - 125	33.0		10.6		21.0	107		P
Cobalt	mg/Kg	75 - 125	16.6		5.01		10.5	110		P
Copper	mg/Kg	75 - 125	28.0		11.1		15.7	107		P
Iron	mg/Kg	75 - 125	12800		11500		160	851		P
Lead	mg/Kg	75 - 125	93.6		32.1		52.5	117		P
Magnesium	mg/Kg	75 - 125	2320		1650		100	668		P
Manganese	mg/Kg	75 - 125	306		278		10.5	271		P
Nickel	mg/Kg	75 - 125	38.4		9.50		26.2	110		P
Potassium	mg/Kg	75 - 125	1180		627		520	107		P
Selenium	mg/Kg	75 - 125	84.8		0.25	J	100	85		P
Silver	mg/Kg	75 - 125	3.56		0.19	J	3.9	86		P
Sodium	mg/Kg	75 - 125	255		131		160	77		P
Thallium	mg/Kg	75 - 125	103		0.24	J	100	103		P
Vanadium	mg/Kg	75 - 125	31.2		14.5		15.7	107		P
Zinc	mg/Kg	75 - 125	71.3		47.4		10.5	227		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1901

contract: PORT06 **lab code:** CHEM **case no.:** Q1901 **sas no.:** Q1901

matrix: Solid **sample id:** Q1902-02 **client id:** 343MSD

Percent Solids for Sample: 90.3 **Spiked ID:** Q1902-02MSD **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6230		6010		91.9	239		P
Antimony	mg/Kg	75 - 125	14.0		2.38	U	36.8	38	N	P
Arsenic	mg/Kg	75 - 125	34.9		2.97		36.8	87		P
Barium	mg/Kg	75 - 125	55.3		44.1		9.2	122		P
Beryllium	mg/Kg	75 - 125	8.37		0.40		9.2	87		P
Cadmium	mg/Kg	75 - 125	9.35		0.28	U	9.2	102		P
Calcium	mg/Kg	75 - 125	944		817		46.0	276		P
Chromium	mg/Kg	75 - 125	27.8		10.6		18.4	93		P
Cobalt	mg/Kg	75 - 125	14.2		5.01		9.2	100		P
Copper	mg/Kg	75 - 125	21.7		11.1		13.8	77		P
Iron	mg/Kg	75 - 125	11300		11500		140	-161		P
Lead	mg/Kg	75 - 125	74.8		32.1		46.0	93		P
Magnesium	mg/Kg	75 - 125	1860		1650		91.9	223		P
Manganese	mg/Kg	75 - 125	331		278		9.2	585		P
Nickel	mg/Kg	75 - 125	33.2		9.50		23.0	103		P
Potassium	mg/Kg	75 - 125	1140		627		460	111		P
Selenium	mg/Kg	75 - 125	75.6		0.25	J	91.9	82		P
Silver	mg/Kg	75 - 125	3.26		0.19	J	3.4	90		P
Sodium	mg/Kg	75 - 125	240		131		140	78		P
Thallium	mg/Kg	75 - 125	90.5		0.24	J	91.9	98		P
Vanadium	mg/Kg	75 - 125	25.9		14.5		13.8	82		P
Zinc	mg/Kg	75 - 125	53.7		47.4		9.2	68		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Water **Level:** LOW **Client ID:** 295-BERGEN-FRACA

Sample ID: Q1896-03 **Spiked ID:** Q1896-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.88		1.03		4.00	96		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Solid **Level:** LOW **Client ID:** 343A

Sample ID: Q1902-02 **Spiked ID:** Q1902-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	33.1		2.38	U	38.0	87		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Water **Sample ID:** Q1896-03 **Client ID:** 295-BERGEN-FRACDUP

Percent Solids for Sample: NA **Duplicate ID** Q1896-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	1.03		0.95		8		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Water **Sample ID:** Q1896-03MS **Client ID:** 295-BERGEN-FRACMSD

Percent Solids for Sample: NA **Duplicate ID** Q1896-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.88		3.80		2		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Solid **Sample ID:** Q1901-02 **Client ID:** B-167-SB01DUP

Percent Solids for Sample: 82.6 **Duplicate ID** Q1901-02DUP **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.039		0.042		7		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Solid **Sample ID:** Q1901-02MS **Client ID:** B-167-SB01MSD

Percent Solids for Sample: 82.6 **Duplicate ID** Q1901-02MSD **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.34		0.31		7		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Water **Sample ID:** Q1901-06 **Client ID:** FB04262025DUP

Percent Solids for Sample: NA **Duplicate ID** Q1901-06DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	6.11	J	7.45	J	20		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	50.0	U	50.0	U			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	1000	U	1000	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	50.0	U	23.7	J	200.0		P
Lead	ug/L	20	6.00	U	1.28	J	200.0		P
Magnesium	ug/L	20	1000	U	1000	U			P
Manganese	ug/L	20	6.66	J	5.10	J	27		P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	1000	U	1000	U			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	1000	U	1000	U			P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	20.0	U	20.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Water **Sample ID:** Q1901-06MS **Client ID:** FB04262025MSD

Percent Solids for Sample: NA **Duplicate ID** Q1901-06MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	906		944		4		P
Antimony	ug/L	20	382		393		3		P
Arsenic	ug/L	20	372		380		2		P
Barium	ug/L	20	87.6		89.6		2		P
Beryllium	ug/L	20	81.0		88.5		9		P
Cadmium	ug/L	20	92.0		94.4		3		P
Calcium	ug/L	20	476	J	495	J	4		P
Chromium	ug/L	20	187		196		5		P
Cobalt	ug/L	20	91.3		93.9		3		P
Copper	ug/L	20	143		147		3		P
Iron	ug/L	20	1440		1450		1		P
Lead	ug/L	20	454		465		2		P
Magnesium	ug/L	20	894	J	940	J	5		P
Manganese	ug/L	20	91.6		98.3		7		P
Nickel	ug/L	20	230		236		3		P
Potassium	ug/L	20	4650		4750		2		P
Selenium	ug/L	20	900		923		3		P
Silver	ug/L	20	33.3		35.5		6		P
Sodium	ug/L	20	1380		1420		3		P
Thallium	ug/L	20	952		959		1		P
Vanadium	ug/L	20	138		143		4		P
Zinc	ug/L	20	100		98.4		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Solid **Sample ID:** Q1902-02 **Client ID:** 343DUP

Percent Solids for Sample: 90.3 **Duplicate ID** Q1902-02DUP **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6010		6390		6		P
Antimony	mg/Kg	20	2.38	U	2.66	U			P
Arsenic	mg/Kg	20	2.97		3.16		6		P
Barium	mg/Kg	20	44.1		47.1		7		P
Beryllium	mg/Kg	20	0.40		0.44		11		P
Cadmium	mg/Kg	20	0.28	U	0.32	U			P
Calcium	mg/Kg	20	817		916		11		P
Chromium	mg/Kg	20	10.6		11.8		11		P
Cobalt	mg/Kg	20	5.01		5.11		2		P
Copper	mg/Kg	20	11.1		11.8		6		P
Iron	mg/Kg	20	11500		11900		3		P
Lead	mg/Kg	20	32.1		36.6		13		P
Magnesium	mg/Kg	20	1650		1730		5		P
Manganese	mg/Kg	20	278		285		2		P
Nickel	mg/Kg	20	9.50		9.74		2		P
Potassium	mg/Kg	20	627		640		2		P
Selenium	mg/Kg	20	0.25	J	1.06	U	200.0		P
Silver	mg/Kg	20	0.19	J	0.13	J	36		P
Sodium	mg/Kg	20	131		131		0		P
Thallium	mg/Kg	20	0.24	J	0.38	J	43		P
Vanadium	mg/Kg	20	14.5		15.9		9		P
Zinc	mg/Kg	20	47.4		50.7		7		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Matrix: Solid **Sample ID:** Q1902-02MS **Client ID:** 343MSD

Percent Solids for Sample: 90.3 **Duplicate ID** Q1902-02MSD **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8240		6230		28	*	P
Antimony	mg/Kg	20	14.9		14.0		6		P
Arsenic	mg/Kg	20	39.6		34.9		13		P
Barium	mg/Kg	20	58.6		55.3		6		P
Beryllium	mg/Kg	20	10.3		8.37		21	*	P
Cadmium	mg/Kg	20	11.0		9.35		16		P
Calcium	mg/Kg	20	1100		944		15		P
Chromium	mg/Kg	20	33.0		27.8		17		P
Cobalt	mg/Kg	20	16.6		14.2		16		P
Copper	mg/Kg	20	28.0		21.7		25	*	P
Iron	mg/Kg	20	12800		11300		12		P
Lead	mg/Kg	20	93.6		74.8		22	*	P
Magnesium	mg/Kg	20	2320		1860		22	*	P
Manganese	mg/Kg	20	306		331		8		P
Nickel	mg/Kg	20	38.4		33.2		15		P
Potassium	mg/Kg	20	1180		1140		3		P
Selenium	mg/Kg	20	84.8		75.6		11		P
Silver	mg/Kg	20	3.56		3.26		9		P
Sodium	mg/Kg	20	255		240		6		P
Thallium	mg/Kg	20	103		90.5		13		P
Vanadium	mg/Kg	20	31.2		25.9		19		P
Zinc	mg/Kg	20	71.3		53.7		28	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167781BS							
Aluminum	mg/Kg	95.7	85.2		89	80 - 120	P
Antimony	mg/Kg	38.3	34.6		90	80 - 120	P
Arsenic	mg/Kg	38.3	34.2		89	80 - 120	P
Barium	mg/Kg	9.6	8.38		87	80 - 120	P
Beryllium	mg/Kg	9.6	8.87		92	80 - 120	P
Cadmium	mg/Kg	9.6	8.85		92	80 - 120	P
Calcium	mg/Kg	47.8	43.9	J	92	80 - 120	P
Chromium	mg/Kg	19.1	17.6		92	80 - 120	P
Cobalt	mg/Kg	9.6	8.56		89	80 - 120	P
Copper	mg/Kg	14.4	13.3		92	80 - 120	P
Iron	mg/Kg	140	128		91	80 - 120	P
Lead	mg/Kg	47.8	43.2		90	80 - 120	P
Magnesium	mg/Kg	95.7	85.3	J	89	80 - 120	P
Manganese	mg/Kg	9.6	8.80		92	80 - 120	P
Nickel	mg/Kg	23.9	21.6		90	80 - 120	P
Potassium	mg/Kg	480	399		83	80 - 120	P
Selenium	mg/Kg	95.7	84.9		89	80 - 120	P
Silver	mg/Kg	3.6	3.23		90	80 - 120	P
Sodium	mg/Kg	140	139		99	80 - 120	P
Thallium	mg/Kg	95.7	87.3		91	80 - 120	P
Vanadium	mg/Kg	14.4	12.8		89	80 - 120	P
Zinc	mg/Kg	9.6	8.78		92	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167786BS							
Mercury	mg/Kg	0.27	0.24		88	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167799BS							
Aluminum	ug/L	1000	883		88	80 - 120	P
Antimony	ug/L	400	395		99	80 - 120	P
Arsenic	ug/L	400	371		93	80 - 120	P
Barium	ug/L	100	81.4		81	80 - 120	P
Beryllium	ug/L	100	94.0		94	80 - 120	P
Cadmium	ug/L	100	93.2		93	80 - 120	P
Calcium	ug/L	500	451	J	90	80 - 120	P
Chromium	ug/L	200	188		94	80 - 120	P
Cobalt	ug/L	100	90.9		91	80 - 120	P
Copper	ug/L	150	142		95	80 - 120	P
Iron	ug/L	1500	1310		87	80 - 120	P
Lead	ug/L	500	457		91	80 - 120	P
Magnesium	ug/L	1000	884	J	88	80 - 120	P
Manganese	ug/L	100	87.9		88	80 - 120	P
Nickel	ug/L	250	229		92	80 - 120	P
Potassium	ug/L	5000	4250		85	80 - 120	P
Selenium	ug/L	1000	932		93	80 - 120	P
Silver	ug/L	37.5	34.6		92	80 - 120	P
Sodium	ug/L	1500	1290		86	80 - 120	P
Thallium	ug/L	1000	964		96	80 - 120	P
Vanadium	ug/L	150	131		87	80 - 120	P
Zinc	ug/L	100	94.3		94	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167812BS							
Mercury	ug/L	4.0	4.11		103	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

295-BERGEN-FRACL

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb135623 **Lab Sample ID :** Q1896-03L **SDG No.:** Q1901

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	1.03		0.65	J	37		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-167-SB01L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb135611 **Lab Sample ID :** Q1901-02L **SDG No.:** Q1901

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.039		0.078	U	100.0		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

FB04262025L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb135636 **Lab Sample ID :** Q1901-06L **SDG No.:** Q1901

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	6.11	J	250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	1000	U	5000	U			P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	50.0	U	250	U			P
Lead	6.00	U	30.0	U			P
Magnesium	1000	U	5000	U			P
Manganese	6.66	J	50.0	U	100.0		P
Nickel	20.0	U	100	U			P
Potassium	1000	U	5000	U			P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1000	U	5000	U			P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	20.0	U	100	U			P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

343L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb135614 **Lab Sample ID :** Q1902-02L **SDG No.:** Q1901

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	6010		6240		4		P
Antimony	2.38	U	11.9	U			P
Arsenic	2.97		2.65	J	11		P
Barium	44.1		44.2		0		P
Beryllium	0.40		0.45	J	12		P
Cadmium	0.28	U	1.43	U			P
Calcium	817		877		7		P
Chromium	10.6		11.4		8		P
Cobalt	5.01		4.75	J	5		P
Copper	11.1		13.1		17		P
Iron	11500		11300		2		P
Lead	32.1		32.3		1		P
Magnesium	1650		1730		5		P
Manganese	278		286		3		P
Nickel	9.50		9.02	J	5		P
Potassium	627		600		4		P
Selenium	0.25	J	4.75	U	100.0		P
Silver	0.19	J	2.38	U	100.0		P
Sodium	131		107	J	19		P
Thallium	0.24	J	9.51	U	100.0		P
Vanadium	14.5		14.9		2		P
Zinc	47.4		49.8		5		P

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1901 **Sas no.:** Q1901 **Sdg no.:** Q1901

Instrument id number: **Method:** **Run number:** LB135611

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1317	HG
S0.2	S0.2	1	1319	HG
S2.5	S2.5	1	1321	HG
S5	S5	1	1324	HG
S7.5	S7.5	1	1326	HG
S10	S10	1	1328	HG
ICV109	ICV109	1	1335	HG
ICB109	ICB109	1	1338	HG
CCV52	CCV52	1	1340	HG
CCB52	CCB52	1	1342	HG
CRA	CRA	1	1345	HG
PB167786BL	PB167786BL	1	1351	HG
PB167786BS	PB167786BS	1	1356	HG
Q1901-02	B-167-SB01	1	1359	HG
Q1901-02DUP	B-167-SB01DUP	1	1401	HG
Q1901-02MS	B-167-SB01MS	1	1403	HG
Q1901-02MSD	B-167-SB01MSD	1	1406	HG
Q1901-03	B-170-SB01	1	1408	HG
CCV53	CCV53	1	1410	HG
CCB53	CCB53	1	1413	HG
Q1901-04	B-167-SB02	1	1415	HG
Q1901-05	B-170-SB02	1	1417	HG
CCV54	CCV54	1	1438	HG
CCB54	CCB54	1	1440	HG
Q1901-02L	B-167-SB01L	5	1451	HG
CCV55	CCV55	1	1456	HG
CCB55	CCB55	1	1458	HG

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1901 **Sas no.:** Q1901 **Sdg no.:** Q1901

Instrument id number: **Method:** **Run number:** LB135614

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1428	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	1433	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	1437	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	1441	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	1445	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	1450	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	1618	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	1628	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	1636	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	1641	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	1646	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	1704	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	1727	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	1738	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	1830	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	1835	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	1937	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	1941	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	2023	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	2027	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	2108	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	2113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-02	B-167-SB01	1	2121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-03	B-170-SB01	1	2125	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-04	B-167-SB02	1	2129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-05	B-170-SB02	1	2133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02DUP	343DUP	1	2142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02L	343L	5	2146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02MS	343MS	1	2150	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	2154	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	2158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02MSD	343MSD	1	2202	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02A	343A	1	2206	Sb
CCV07	CCV07	1	2240	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	2244	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	2305	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	2309	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1901 **Sas no.:** Q1901 **Sdg no.:** Q1901

Instrument id number: **Method:** **Run number:** LB135623

Start date: 05/01/2025 **End date:** 05/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1117	HG
S0.2	S0.2	1	1119	HG
S2.5	S2.5	1	1122	HG
S5	S5	1	1126	HG
S7.5	S7.5	1	1131	HG
S10	S10	1	1136	HG
ICV112	ICV112	1	1147	HG
ICB112	ICB112	1	1149	HG
CCV62	CCV62	1	1158	HG
CCB62	CCB62	1	1201	HG
CRA	CRA	1	1205	HG
CCV63	CCV63	1	1249	HG
CCB63	CCB63	1	1251	HG
CCV64	CCV64	1	1319	HG
CCB64	CCB64	1	1323	HG
PB167812BL	PB167812BL	1	1355	HG
CCV65	CCV65	1	1358	HG
CCB65	CCB65	1	1402	HG
PB167812BS	PB167812BS	1	1405	HG
Q1896-03DUP	295-BERGEN-FRACDUP	1	1417	HG
Q1896-03MS	295-BERGEN-FRACMS	1	1422	HG
Q1896-03MSD	295-BERGEN-FRACMSD	1	1424	HG
Q1901-06	FB04262025	1	1426	HG
CCV66	CCV66	1	1429	HG
CCB66	CCB66	1	1440	HG
Q1896-03L	295-BERGEN-FRACL	5	1507	HG
Q1896-03A	295-BERGEN-FRACA	1	1512	HG
CCV67	CCV67	1	1523	HG
CCB67	CCB67	1	1525	HG

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1901 **Sas no.:** Q1901 **Sdg no.:** Q1901

Instrument id number: **Method:** **Run number:** LB135636

Start date: 05/01/2025 **End date:** 05/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1227	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	1231	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	1236	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	1240	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	1244	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	1248	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	1344	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	1411	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	1416	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	1435	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	1439	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	1505	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	1512	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	1600	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	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167799BL	PB167799BL	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167799BS	PB167799BS	1	1655	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	1703	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	1707	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	1749	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	1753	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-06	FB04262025	1	1757	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-06DUP	FB04262025DUP	1	1802	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-06L	FB04262025L	5	1806	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-06MS	FB04262025MS	1	1810	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1901-06MSD	FB04262025MSD	1	1814	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	1836	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	1840	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	1923	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	1927	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	2011	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	2015	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	2024	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	2028	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1901 **Sas no.:** Q1901 **Sdg no.:** Q1901

Instrument id number: **Method:** **Run number:** LB135689

Start date: 05/06/2025 **End date:** 05/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1343	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	1348	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	1352	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	1356	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	1401	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	1405	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	1447	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	1522	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	1527	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	1531	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	1550	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	1555	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	1629	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	1634	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	1715	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	1720	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	1808	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	1813	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167781BL	PB167781BL	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167781BS	PB167781BS	1	1837	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	1916	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	1920	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	2001	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	2006	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	2031	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	2035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901

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

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LAB CHRONICLE

OrderID:	Q1901	**OrderDate:**	4/28/2025 10:24:00 AM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1901-02	**B-167-SB01**	**SOIL**			**04/26/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-TAL	6010D		04/29/25	04/30/25	
Q1901-03	**B-170-SB01**	**SOIL**			**04/26/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-TAL	6010D		04/29/25	04/30/25	
Q1901-04	**B-167-SB02**	**SOIL**			**04/26/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-TAL	6010D		04/29/25	04/30/25	
Q1901-05	**B-170-SB02**	**SOIL**			**04/26/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-TAL	6010D		04/29/25	04/30/25	
Q1901-06	**FB04262025**	**Water**			**04/26/25**			**04/28/25**
			Mercury	7470A		04/30/25	05/01/25	
			Metals ICP-TAL	6010D		04/30/25	05/01/25	
Q1901-08	**B-167-SB01**	**TCLP**			**04/26/25**			**04/28/25**
			TCLP Mercury	7470A		04/30/25	05/01/25	
Q1901-09	**B-170-SB01**	**TCLP**			**04/26/25**			**04/28/25**
			TCLP Mercury	7470A		04/30/25	05/01/25	
Q1901-10	**B-167-SB02**	**TCLP**			**04/26/25**			**04/28/25**
			TCLP ICP Metals	6010D		04/30/25	05/07/25	
			TCLP Mercury	7470A		04/30/25	05/01/25	
Q1901-11	**B-170-SB02**	**TCLP**			**04/26/25**			**04/28/25**
			TCLP ICP Metals	6010D		04/30/25	05/07/25	
			TCLP Mercury	7470A		04/30/25	05/01/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q1901 **SAS No.:** Q1901

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167781**						
PB167781BL	PB167781BL	MB	SOLID	04/29/2025	2.08	100.0	100.00
PB167781BS	PB167781BS	LCS	SOLID	04/29/2025	2.09	100.0	100.00
Q1901-02	B-167-SB01	SAM	SOLID	04/29/2025	2.26	100.0	82.60
Q1901-03	B-170-SB01	SAM	SOLID	04/29/2025	2.22	100.0	83.00
Q1901-04	B-167-SB02	SAM	SOLID	04/29/2025	2.22	100.0	53.20
Q1901-05	B-170-SB02	SAM	SOLID	04/29/2025	2.42	100.0	75.10
Q1902-02DUP	343DUP	DUP	SOLID	04/29/2025	2.08	100.0	90.30
Q1902-02MS	343MS	MS	SOLID	04/29/2025	2.11	100.0	90.30
Q1902-02MSD	343MSD	MSD	SOLID	04/29/2025	2.41	100.0	90.30

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q1901 **SAS No.:** Q1901

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167786**						
PB167786BL	PB167786BL	MB	SOLID	04/29/2025	0.53	35.0	100.00
PB167786BS	PB167786BS	LCS	SOLID	04/29/2025	0.52	35.0	100.00
Q1901-02	B-167-SB01	SAM	SOLID	04/29/2025	0.54	35.0	82.60
Q1901-02DUP	B-167-SB01DUP	DUP	SOLID	04/29/2025	0.56	35.0	82.60
Q1901-02MS	B-167-SB01MS	MS	SOLID	04/29/2025	0.52	35.0	82.60
Q1901-02MSD	B-167-SB01MSD	MSD	SOLID	04/29/2025	0.56	35.0	82.60
Q1901-03	B-170-SB01	SAM	SOLID	04/29/2025	0.57	35.0	83.00
Q1901-04	B-167-SB02	SAM	SOLID	04/29/2025	0.54	35.0	53.20
Q1901-05	B-170-SB02	SAM	SOLID	04/29/2025	0.58	35.0	75.10

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q1901 **SAS No.:** Q1901

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167799**						
PB167799BL	PB167799BL	MB	WATER	04/30/2025	50.0	25.0	
PB167799BS	PB167799BS	LCS	WATER	04/30/2025	50.0	25.0	
Q1901-06	FB04262025	SAM	WATER	04/30/2025	50.0	25.0	
Q1901-06DUP	FB04262025DUP	DUP	WATER	04/30/2025	50.0	25.0	
Q1901-06MS	FB04262025MS	MS	WATER	04/30/2025	50.0	25.0	
Q1901-06MSD	FB04262025MSD	MSD	WATER	04/30/2025	50.0	25.0	

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Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q1901 **SAS No.:** Q1901

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167812**						
PB167812BL	PB167812BL	MB	WATER	04/30/2025	30.0	30.0	
PB167812BS	PB167812BS	LCS	WATER	04/30/2025	30.0	30.0	
Q1896-03DUP	295-BERGEN-FRACDUP	DUP	WATER	04/30/2025	30.0	30.0	
Q1896-03MS	295-BERGEN-FRACMS	MS	WATER	04/30/2025	30.0	30.0	
Q1896-03MSD	295-BERGEN-FRACMSD	MSD	WATER	04/30/2025	30.0	30.0	
Q1901-06	FB04262025	SAM	WATER	04/30/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135611

Review By	mohan	Review On	5/1/2025 10:14:55 AM
Supervise By	jaswal	Supervise On	5/1/2025 11:28:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85479,MP85480,MP85481,MP85482,MP85483,MP85484
ICV Standard	MP85485
CCV Standard	MP85487
ICSA Standard	
CRI Standard	MP85489
LCS Standard	
Chk Standard	MP85486,MP85488,MP85490,MP85510

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/30/25 13:17		mohan	OK
2	S0.2	S0.2	CAL2	04/30/25 13:19		mohan	OK
3	S2.5	S2.5	CAL3	04/30/25 13:21		mohan	OK
4	S5	S5	CAL4	04/30/25 13:24		mohan	OK
5	S7.5	S7.5	CAL5	04/30/25 13:26		mohan	OK
6	S10	S10	CAL6	04/30/25 13:28		mohan	OK
7	ICV109	ICV109	ICV	04/30/25 13:35		mohan	OK
8	ICB109	ICB109	ICB	04/30/25 13:38		mohan	OK
9	CCV52	CCV52	CCV	04/30/25 13:40		mohan	OK
10	CCB52	CCB52	CCB	04/30/25 13:42		mohan	OK
11	CRA	CRA	CRDL	04/30/25 13:45		mohan	OK
12	HighStd	HighStd	HIGH STD	04/30/25 13:47		mohan	OK
13	ChkStd	ChkStd	SAM	04/30/25 13:49		mohan	OK
14	PB167786BL	PB167786BL	MB	04/30/25 13:51		mohan	OK
15	PB167786BS	PB167786BS	LCS	04/30/25 13:56		mohan	OK
16	Q1901-02	B-167-SB01	SAM	04/30/25 13:59		mohan	OK
17	Q1901-02DUP	B-167-SB01DUP	DUP	04/30/25 14:01		mohan	OK
18	Q1901-02MS	B-167-SB01MS	MS	04/30/25 14:03		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135611

Review By	mohan	Review On	5/1/2025 10:14:55 AM
Supervise By	jaswal	Supervise On	5/1/2025 11:28:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85479,MP85480,MP85481,MP85482,MP85483,MP85484
ICV Standard	MP85485
CCV Standard	MP85487
ICSA Standard	
CRI Standard	MP85489
LCS Standard	
Chk Standard	MP85486,MP85488,MP85490,MP85510

19	Q1901-02MSD	B-167-SB01MSD	MSD	04/30/25 14:06		mohan	OK
20	Q1901-03	B-170-SB01	SAM	04/30/25 14:08		mohan	OK
21	CCV53	CCV53	CCV	04/30/25 14:10		mohan	OK
22	CCB53	CCB53	CCB	04/30/25 14:13		mohan	OK
23	Q1901-04	B-167-SB02	SAM	04/30/25 14:15		mohan	OK
24	Q1901-05	B-170-SB02	SAM	04/30/25 14:17		mohan	OK
25	Q1902-02	343	SAM	04/30/25 14:20		mohan	OK
26	Q1903-01	COMP-4	SAM	04/30/25 14:22		mohan	OK
27	Q1903-02	COMP-5	SAM	04/30/25 14:24		mohan	OK
28	Q1903-03	COMP-6	SAM	04/30/25 14:26		mohan	OK
29	Q1904-01	VNJ-210	SAM	04/30/25 14:29		mohan	OK
30	Q1905-01	MH-G	SAM	04/30/25 14:31		mohan	OK
31	Q1905-05	MH-H	SAM	04/30/25 14:33		mohan	OK
32	Q1906-01	WC-4	SAM	04/30/25 14:35		mohan	OK
33	CCV54	CCV54	CCV	04/30/25 14:38		mohan	OK
34	CCB54	CCB54	CCB	04/30/25 14:40		mohan	OK
35	Q1906-05	WC-5	SAM	04/30/25 14:42		mohan	OK
36	Q1906-09	WC-6	SAM	04/30/25 14:45		mohan	OK
37	Q1906-13	WC-7	SAM	04/30/25 14:47		mohan	OK
38	Q1907-01	CO-8R-WC	SAM	04/30/25 14:49		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135611

Review By	mohan	Review On	5/1/2025 10:14:55 AM
Supervise By	jaswal	Supervise On	5/1/2025 11:28:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85479,MP85480,MP85481,MP85482,MP85483,MP85484
ICV Standard	MP85485
CCV Standard	MP85487
ICSA Standard	
CRI Standard	MP85489
LCS Standard	
Chk Standard	MP85486,MP85488,MP85490,MP85510

39	Q1901-02L	B-167-SB01L	SD	04/30/25 14:51		mohan	OK
40	Q1901-02A	B-167-SB01A	PS	04/30/25 14:54		mohan	OK
41	CCV55	CCV55	CCV	04/30/25 14:56		mohan	OK
42	CCB55	CCB55	CCB	04/30/25 14:58		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	JANVI	Review On	5/7/2025 3:31:29 PM
Supervise By	jaswal	Supervise On	5/7/2025 3:37:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85026
LCS Standard	
Chk Standard	MP85030,MP85031

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/30/25 14:28		Kareem	OK
2	S1	S1	CAL2	04/30/25 14:33		Kareem	OK
3	S2	S2	CAL3	04/30/25 14:37		Kareem	OK
4	S3	S3	CAL4	04/30/25 14:41		Kareem	OK
5	S4	S4	CAL5	04/30/25 14:45		Kareem	OK
6	S5	S5	CAL6	04/30/25 14:50		Kareem	OK
7	ICV01	ICV01	ICV	04/30/25 16:18	ICV fail for Al,Be,Ca,Co,Fe,Mg,Mn,Tl, V(95-105)%	Kareem	OK
8	LLICV01	LLICV01	LLICV	04/30/25 16:28		Kareem	OK
9	ICB01	ICB01	ICB	04/30/25 16:36		Kareem	OK
10	CRI01	CRI01	CRDL	04/30/25 16:41		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/30/25 16:46		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/30/25 17:04		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/30/25 17:09		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/30/25 17:13		Kareem	OK
15	CCV01	CCV01	CCV	04/30/25 17:27		Kareem	OK
16	CCB01	CCB01	CCB	04/30/25 17:38		Kareem	OK
17	PB167758BL	PB167758BL	MB	04/30/25 17:43		Kareem	OK
18	PB167758BS	PB167758BS	LCS	04/30/25 17:47		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	JANVI	Review On	5/7/2025 3:31:29 PM
Supervise By	jaswal	Supervise On	5/7/2025 3:37:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85026
LCS Standard	
Chk Standard	MP85030,MP85031

19	Q1833-02	EFF-WASTE-WATER	SAM	04/30/25 17:51		Kareem	OK
20	Q1836-01	METALS-DAY-1	SAM	04/30/25 17:56		Kareem	OK
21	Q1836-02	METALS-DAY-2	SAM	04/30/25 18:00		Kareem	OK
22	Q1836-03	METALS-DAY-3	SAM	04/30/25 18:04		Kareem	OK
23	Q1836-04	METALS-DAY-4	SAM	04/30/25 18:08		Kareem	OK
24	Q1836-04DUP	METALS-DAY-4DUP	DUP	04/30/25 18:13		Kareem	OK
25	Q1836-04L	METALS-DAY-4L	SD	04/30/25 18:17		Kareem	OK
26	CCV02	CCV02	CCV	04/30/25 18:30		Kareem	OK
27	CCB02	CCB02	CCB	04/30/25 18:35		Kareem	OK
28	Q1836-04MS	METALS-DAY-4MS	MS	04/30/25 18:40		Kareem	OK
29	Q1836-04MSD	METALS-DAY-4MSD	MSD	04/30/25 18:44		Kareem	OK
30	Q1836-04A	METALS-DAY-4A	PS	04/30/25 18:48		Kareem	OK
31	Q1883-01	OU4-PCS-TC-27-042	SAM	04/30/25 19:00		Kareem	OK
32	Q1883-03	OU4-PCS-TC-28-042	SAM	04/30/25 19:13		Kareem	OK
33	Q1883-05	OU4-PCS-TC-29-042	SAM	04/30/25 19:17		Kareem	OK
34	Q1883-07	OU4-PCS-TC-30-042	SAM	04/30/25 19:33		Kareem	OK
35	CCV03	CCV03	CCV	04/30/25 19:37		Kareem	OK
36	CCB03	CCB03	CCB	04/30/25 19:41		Kareem	OK
37	Q1883-09	OU4-PCS-TC-31-042	SAM	04/30/25 19:45		Kareem	OK
38	Q1883-11	OU4-PCS-TC-32-042	SAM	04/30/25 19:50		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	JANVI	Review On	5/7/2025 3:31:29 PM
Supervise By	jaswal	Supervise On	5/7/2025 3:37:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85026
LCS Standard	
Chk Standard	MP85030,MP85031

39	Q1883-11DUP	OU4-PCS-TC-32-042	DUP	04/30/25 19:54		Kareem	OK
40	Q1883-11L	OU4-PCS-TC-32-042	SD	04/30/25 19:58		Kareem	OK
41	Q1883-11MS	OU4-PCS-TC-32-042	MS	04/30/25 20:02		Kareem	OK
42	Q1883-11MSD	OU4-PCS-TC-32-042	MSD	04/30/25 20:06		Kareem	OK
43	Q1883-11A	OU4-PCS-TC-32-042	PS	04/30/25 20:10		Kareem	OK
44	Q1883-13	OU4-VSL-18-042325	SAM	04/30/25 20:14		Kareem	OK
45	Q1883-15	OU4-VSL-19-042325	SAM	04/30/25 20:19		Kareem	OK
46	CCV04	CCV04	CCV	04/30/25 20:23		Kareem	OK
47	CCB04	CCB04	CCB	04/30/25 20:27		Kareem	OK
48	Q1889-01	COMP-1	SAM	04/30/25 20:31		Kareem	OK
49	Q1889-02	COMP-2	SAM	04/30/25 20:35		Kareem	OK
50	Q1889-03	COMP-3	SAM	04/30/25 20:39		Kareem	OK
51	Q1891-01	MH-C	SAM	04/30/25 20:44		Kareem	OK
52	Q1891-05	MH-D	SAM	04/30/25 20:48		Kareem	OK
53	Q1892-01	MH-G	SAM	04/30/25 20:52		Kareem	OK
54	Q1892-05	MH-H	SAM	04/30/25 20:56		Kareem	OK
55	Q1892-09	MH-U2	SAM	04/30/25 21:00		Kareem	OK
56	CCV05	CCV05	CCV	04/30/25 21:08		Kareem	OK
57	CCB05	CCB05	CCB	04/30/25 21:13		Kareem	OK
58	Q1901-02	B-167-SB01	SAM	04/30/25 21:21		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	JANVI	Review On	5/7/2025 3:31:29 PM
Supervise By	jaswal	Supervise On	5/7/2025 3:37:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85026
LCS Standard	
Chk Standard	MP85030,MP85031

59	Q1901-03	B-170-SB01	SAM	04/30/25 21:25		Kareem	OK
60	Q1901-04	B-167-SB02	SAM	04/30/25 21:29		Kareem	OK
61	Q1901-05	B-170-SB02	SAM	04/30/25 21:33		Kareem	OK
62	Q1902-02	343	SAM	04/30/25 21:37		Kareem	OK
63	Q1902-02DUP	343DUP	DUP	04/30/25 21:42		Kareem	OK
64	Q1902-02L	343L	SD	04/30/25 21:46		Kareem	OK
65	Q1902-02MS	343MS	MS	04/30/25 21:50		Kareem	OK
66	CCV06	CCV06	CCV	04/30/25 21:54		Kareem	OK
67	CCB06	CCB06	CCB	04/30/25 21:58		Kareem	OK
68	Q1902-02MSD	343MSD	MSD	04/30/25 22:02		Kareem	OK
69	Q1902-02A	343A	PS	04/30/25 22:06		Kareem	OK
70	Q1903-01	COMP-4	SAM	04/30/25 22:10		Kareem	OK
71	Q1903-02	COMP-5	SAM	04/30/25 22:15		Kareem	OK
72	Q1903-03	COMP-6	SAM	04/30/25 22:19		Kareem	OK
73	Q1904-01	VNJ-210	SAM	04/30/25 22:23		Kareem	OK
74	Q1905-01	MH-G	SAM	04/30/25 22:27		Kareem	OK
75	Q1905-05	MH-H	SAM	04/30/25 22:31		Kareem	OK
76	Q1906-01	WC-4	SAM	04/30/25 22:35		Kareem	OK
77	CCV07	CCV07	CCV	04/30/25 22:40		Kareem	OK
78	CCB07	CCB07	CCB	04/30/25 22:44		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	JANVI	Review On	5/7/2025 3:31:29 PM
Supervise By	jaswal	Supervise On	5/7/2025 3:37:15 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85026
LCS Standard	
Chk Standard	MP85030,MP85031

79	Q1906-05	WC-5	SAM	04/30/25 22:48		Kareem	OK
80	Q1906-09	WC-6	SAM	04/30/25 22:52		Kareem	OK
81	Q1906-13	WC-7	SAM	04/30/25 22:56		Kareem	OK
82	Q1907-01	CO-8R-WC	SAM	04/30/25 23:01		Kareem	OK
83	CCV08	CCV08	CCV	04/30/25 23:05		Kareem	OK
84	CCB08	CCB08	CCB	04/30/25 23:09		Kareem	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135623

Review By	mohan	Review On	5/6/2025 10:10:13 AM
Supervise By	JANVI	Supervise On	5/6/2025 2:58:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85512

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/01/25 11:17		mohan	OK
2	S0.2	S0.2	CAL2	05/01/25 11:19		mohan	OK
3	S2.5	S2.5	CAL3	05/01/25 11:22		mohan	OK
4	S5	S5	CAL4	05/01/25 11:26		mohan	OK
5	S7.5	S7.5	CAL5	05/01/25 11:31		mohan	OK
6	S10	S10	CAL6	05/01/25 11:36		mohan	OK
7	ICV112	ICV112	ICV	05/01/25 11:47		mohan	OK
8	ICB112	ICB112	ICB	05/01/25 11:49		mohan	OK
9	CCV62	CCV62	CCV	05/01/25 11:58		mohan	OK
10	CCB62	CCB62	CCB	05/01/25 12:01		mohan	OK
11	CRA	CRA	CRDL	05/01/25 12:05		mohan	OK
12	HighStd	HighStd	HIGH STD	05/01/25 12:08		mohan	OK
13	ChkStd	ChkStd	SAM	05/01/25 12:18		mohan	OK
14	PB167806BL	PB167806BL	MB	05/01/25 12:28		mohan	OK
15	PB167806BS	PB167806BS	LCS	05/01/25 12:30		mohan	OK
16	Q1901-08	B-167-SB01	SAM	05/01/25 12:32		mohan	OK
17	Q1901-08DUP	B-167-SB01DUP	DUP	05/01/25 12:35		mohan	OK
18	Q1901-08MS	B-167-SB01MS	MS	05/01/25 12:39		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135623

Review By	mohan	Review On	5/6/2025 10:10:13 AM
Supervise By	JANVI	Supervise On	5/6/2025 2:58:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85512

19	Q1901-08MSD	B-167-SB01MSD	MSD	05/01/25 12:41		mohan	OK
20	Q1901-09	B-170-SB01	SAM	05/01/25 12:44		mohan	OK
21	CCV63	CCV63	CCV	05/01/25 12:49		mohan	OK
22	CCB63	CCB63	CCB	05/01/25 12:51		mohan	OK
23	Q1901-10	B-167-SB02	SAM	05/01/25 12:53		mohan	OK
24	Q1901-11	B-170-SB02	SAM	05/01/25 12:55		mohan	OK
25	Q1904-02	VNJ-210	SAM	05/01/25 12:58		mohan	OK
26	Q1905-04	MH-G	SAM	05/01/25 13:00		mohan	OK
27	Q1905-08	MH-H	SAM	05/01/25 13:02		mohan	OK
28	Q1906-04	WC-4	SAM	05/01/25 13:04		mohan	OK
29	Q1906-08	WC-5	SAM	05/01/25 13:07		mohan	OK
30	Q1906-12	WC-6	SAM	05/01/25 13:09		mohan	OK
31	Q1906-16	WC-7	SAM	05/01/25 13:11		mohan	OK
32	Q1907-02	CO-8R-WC	SAM	05/01/25 13:14		mohan	OK
33	CCV64	CCV64	CCV	05/01/25 13:19		mohan	OK
34	CCB64	CCB64	CCB	05/01/25 13:23		mohan	OK
35	Q1912-04	MH-E	SAM	05/01/25 13:26		mohan	OK
36	Q1912-08	MH-F	SAM	05/01/25 13:28		mohan	OK
37	PB167807BL	PB167807BL	MB	05/01/25 13:30		mohan	OK
38	PB167807BS	PB167807BS	LCS	05/01/25 13:42		mohan	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135623

Review By	mohan	Review On	5/6/2025 10:10:13 AM
Supervise By	JANVI	Supervise On	5/6/2025 2:58:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85512

39	Q1913-02	WC-12-A-202504	SAM	05/01/25 13:44		mohan	OK
40	Q1913-02DUP	WC-12-A-202504DUP	DUP	05/01/25 13:46		mohan	OK
41	Q1913-02MS	WC-12-A-202504MS	MS	05/01/25 13:49		mohan	OK
42	Q1913-02MSD	WC-12-A-202504MSD	MSD	05/01/25 13:51		mohan	OK
43	Q1913-04	WC-13-A-202504	SAM	05/01/25 13:53		mohan	OK
44	PB167812BL	PB167812BL	MB	05/01/25 13:55		mohan	OK
45	CCV65	CCV65	CCV	05/01/25 13:58		mohan	OK
46	CCB65	CCB65	CCB	05/01/25 14:02		mohan	OK
47	PB167812BS	PB167812BS	LCS	05/01/25 14:05		mohan	OK
48	Q1890-01	TW-WTS-07	SAM	05/01/25 14:07		mohan	OK
49	Q1896-03	295-BERGEN-FRAC	SAM	05/01/25 14:15		mohan	OK
50	Q1896-03DUP	295-BERGEN-FRACD	DUP	05/01/25 14:17		mohan	OK
51	Q1896-03MS	295-BERGEN-FRACM	MS	05/01/25 14:22		mohan	OK
52	Q1896-03MSD	295-BERGEN-FRACM	MSD	05/01/25 14:24		mohan	OK
53	Q1901-06	FB04262025	SAM	05/01/25 14:26		mohan	OK
54	CCV66	CCV66	CCV	05/01/25 14:29		mohan	OK
55	CCB66	CCB66	CCB	05/01/25 14:40		mohan	OK
56	Q1915-01	WC-04282025	SAM	05/01/25 14:43		mohan	OK
57	PB167774TB	PB167774TB	MB	05/01/25 14:45		mohan	OK
58	PB167805TB	PB167805TB	MB	05/01/25 14:47		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135623

Review By	mohan	Review On	5/6/2025 10:10:13 AM
Supervise By	JANVI	Supervise On	5/6/2025 2:58:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85512

59	Q1901-08L	B-167-SB01L	SD	05/01/25 14:49		mohan	OK
60	Q1901-08A	B-167-SB01A	PS	05/01/25 15:00		mohan	OK
61	Q1913-02L	WC-12-A-202504L	SD	05/01/25 15:02		mohan	OK
62	Q1913-02A	WC-12-A-202504A	PS	05/01/25 15:04		mohan	OK
63	Q1896-03L	295-BERGEN-FRACL	SD	05/01/25 15:07		mohan	OK
64	Q1896-03A	295-BERGEN-FRACA	PS	05/01/25 15:12		mohan	OK
65	CCV67	CCV67	CCV	05/01/25 15:23		mohan	OK
66	CCB67	CCB67	CCB	05/01/25 15:25		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135636

Review By	Janvi	Review On	5/5/2025 2:23:02 PM
Supervise By	jaswal	Supervise On	5/5/2025 4:33:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/01/25 12:27		Kareem	OK
2	S1	S1	CAL2	05/01/25 12:31		Kareem	OK
3	S2	S2	CAL3	05/01/25 12:36		Kareem	OK
4	S3	S3	CAL4	05/01/25 12:40		Kareem	OK
5	S4	S4	CAL5	05/01/25 12:44		Kareem	OK
6	S5	S5	CAL6	05/01/25 12:48		Kareem	OK
7	ICV01	ICV01	ICV	05/01/25 13:44	ICV01 Fail B, Mo	Kareem	OK
8	LLICV01	LLICV01	LLICV	05/01/25 14:01		Kareem	OK
9	ICB01	ICB01	ICB	05/01/25 14:11		Kareem	OK
10	CRI01	CRI01	CRDL	05/01/25 14:16		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/01/25 14:35	ICSA Fail B	Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/01/25 14:39	ICSAB01 Fail B	Kareem	OK
13	ICSADL	ICSADL	ICSA	05/01/25 14:53		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/01/25 15:01		Kareem	OK
15	CCV01	CCV01	CCV	05/01/25 15:05		Kareem	OK
16	CCB01	CCB01	CCB	05/01/25 15:12		Kareem	OK
17	PB167781BL	PB167781BL	MB	05/01/25 15:17	ICV, ICSA,ICSAB Fail B	Kareem	Not Ok
18	PB167781BS	PB167781BS	LCS	05/01/25 15:21	ICV, ICSA,ICSAB Fail B	Kareem	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135636

Review By	Janvi	Review On	5/5/2025 2:23:02 PM
Supervise By	jaswal	Supervise On	5/5/2025 4:33:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

19	Q1911-01	EO-03-04292025	SAM	05/01/25 15:28		Kareem	OK
20	Q1920-01	291	SAM	05/01/25 15:33		Kareem	OK
21	Q1894-01	PAINTED-GROUND-F	SAM	05/01/25 15:38		Kareem	OK
22	Q1894-02	PAINTED-GROUND-F	SAM	05/01/25 15:42		Kareem	OK
23	Q1894-03	PAINTED-GROUND-F	SAM	05/01/25 15:47		Kareem	OK
24	Q1904-02	VNJ-210	SAM	05/01/25 15:51		Kareem	OK
25	PB167800BL	PB167800BL	MB	05/01/25 15:56		Kareem	OK
26	CCV02	CCV02	CCV	05/01/25 16:00		Kareem	OK
27	CCB02	CCB02	CCB	05/01/25 16:04		Kareem	OK
28	PB167800BS	PB167800BS	LCS	05/01/25 16:19		Kareem	OK
29	PB167808BL	PB167808BL	MB	05/01/25 16:23		Kareem	OK
30	PB167808BS	PB167808BS	LCS	05/01/25 16:33		Kareem	OK
31	PB167774TB	PB167774TB	MB	05/01/25 16:37		Kareem	OK
32	PB167757BL	PB167757BL	MB	05/01/25 16:42	ICV, ICSA,ICSAB Fail B	Kareem	Not Ok
33	PB167757BS	PB167757BS	LCS	05/01/25 16:46	ICV, ICSA,ICSAB Fail B	Kareem	Not Ok
34	PB167799BL	PB167799BL	MB	05/01/25 16:50		Kareem	OK
35	PB167799BS	PB167799BS	LCS	05/01/25 16:55		Kareem	OK
36	Q1910-01	MOO-25-0123-27	SAM	05/01/25 16:59		Kareem	OK
37	CCV03	CCV03	CCV	05/01/25 17:03		Kareem	OK
38	CCB03	CCB03	CCB	05/01/25 17:07		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135636

Review By	Janvi	Review On	5/5/2025 2:23:02 PM
Supervise By	jaswal	Supervise On	5/5/2025 4:33:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

39	Q1910-01DUP	MOO-25-0123-27DUP	DUP	05/01/25 17:11		Kareem	OK
40	Q1910-01L	MOO-25-0123-27L	SD	05/01/25 17:15		Kareem	OK
41	Q1910-01MS	MOO-25-0123-27MS	MS	05/01/25 17:20		Kareem	OK
42	Q1910-01MSD	MOO-25-0123-27MSD	MSD	05/01/25 17:24		Kareem	OK
43	Q1910-01A	MOO-25-0123-27A	PS	05/01/25 17:28	0.1ML EACH M6004,M6013-10MLSA PLE	Kareem	OK
44	Q1912-01	MH-E	SAM	05/01/25 17:32		Kareem	OK
45	Q1912-05	MH-F	SAM	05/01/25 17:36		Kareem	OK
46	Q1890-01	TW-WTS-07	SAM	05/01/25 17:40		Kareem	OK
47	Q1896-03	295-BERGEN-FRAC	SAM	05/01/25 17:45		Kareem	OK
48	CCV04	CCV04	CCV	05/01/25 17:49		Kareem	OK
49	CCB04	CCB04	CCB	05/01/25 17:53		Kareem	OK
50	Q1901-06	FB04262025	SAM	05/01/25 17:57		Kareem	OK
51	Q1901-06DUP	FB04262025DUP	DUP	05/01/25 18:02		Kareem	OK
52	Q1901-06L	FB04262025L	SD	05/01/25 18:06		Kareem	OK
53	Q1901-06MS	FB04262025MS	MS	05/01/25 18:10		Kareem	OK
54	Q1901-06MSD	FB04262025MSD	MSD	05/01/25 18:14		Kareem	OK
55	Q1901-06A	FB04262025A	PS	05/01/25 18:19	0.1ML EACH M6004,M6013-10MLSA PLE	Kareem	OK
56	Q1901-08	B-167-SB01	SAM	05/01/25 18:23		Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135636

Review By	Janvi	Review On	5/5/2025 2:23:02 PM
Supervise By	jaswal	Supervise On	5/5/2025 4:33:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

57	Q1901-08DUP	B-167-SB01DUP	DUP	05/01/25 18:27	Wrong QC	Kareem	Not Ok
58	Q1901-08L	B-167-SB01L	SD	05/01/25 18:31	Wrong QC	Kareem	Not Ok
59	CCV05	CCV05	CCV	05/01/25 18:36		Kareem	OK
60	CCB05	CCB05	CCB	05/01/25 18:40		Kareem	OK
61	Q1901-08MS	B-167-SB01MS	MS	05/01/25 18:44	Wrong QC	Kareem	Not Ok
62	Q1901-08MSD	B-167-SB01MSD	MSD	05/01/25 18:48	Wrong QC	Kareem	Not Ok
63	Q1901-08A	B-167-SB01A	PS	05/01/25 18:52	Wrong QC	Kareem	Not Ok
64	Q1901-09	B-170-SB01	SAM	05/01/25 18:56		Kareem	OK
65	Q1901-10	B-167-SB02	SAM	05/01/25 19:01	Confirm TCLP for Ba	Kareem	OK
66	Q1901-11	B-170-SB02	SAM	05/01/25 19:05	Confirm TCLP for Ba	Kareem	OK
67	Q1905-04	MH-G	SAM	05/01/25 19:10		Kareem	OK
68	Q1905-08	MH-H	SAM	05/01/25 19:14		Kareem	OK
69	Q1906-04	WC-4	SAM	05/01/25 19:19	Confirm TCLP for Ba,Zn	Kareem	Not Ok
70	CCV06	CCV06	CCV	05/01/25 19:23		Kareem	OK
71	CCB06	CCB06	CCB	05/01/25 19:27		Kareem	OK
72	Q1906-08	WC-5	SAM	05/01/25 19:32		Kareem	OK
73	Q1906-12	WC-6	SAM	05/01/25 19:36		Kareem	OK
74	Q1906-16	WC-7	SAM	05/01/25 19:40		Kareem	OK
75	Q1907-02	CO-8R-WC	SAM	05/01/25 19:45		Kareem	OK
76	Q1912-04	MH-E	SAM	05/01/25 19:49		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135636

Review By	Janvi	Review On	5/5/2025 2:23:02 PM
Supervise By	jaswal	Supervise On	5/5/2025 4:33:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

77	Q1912-08	MH-F	SAM	05/01/25 19:54		Kareem	OK
78	Q1913-02	WC-12-A-202504	SAM	05/01/25 19:58	QC Set missing	Kareem	Not Ok
79	Q1913-04	WC-13-A-202504	SAM	05/01/25 20:02		Kareem	OK
80	Q1915-01	WC-04282025	SAM	05/01/25 20:07		Kareem	OK
81	CCV07	CCV07	CCV	05/01/25 20:11		Kareem	OK
82	CCB07	CCB07	CCB	05/01/25 20:15		Kareem	OK
83	PB167805TB	PB167805TB	MB	05/01/25 20:20		Kareem	OK
84	CCV08	CCV08	CCV	05/01/25 20:24		Kareem	OK
85	CCB08	CCB08	CCB	05/01/25 20:28		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/06/25 13:43		Kareem	OK
2	S1	S1	CAL2	05/06/25 13:48		Kareem	OK
3	S2	S2	CAL3	05/06/25 13:52		Kareem	OK
4	S3	S3	CAL4	05/06/25 13:56		Kareem	OK
5	S4	S4	CAL5	05/06/25 14:01		Kareem	OK
6	S5	S5	CAL6	05/06/25 14:05		Kareem	OK
7	ICV01	ICV01	ICV	05/06/25 14:47		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/06/25 15:22		Kareem	OK
9	ICB01	ICB01	ICB	05/06/25 15:27		Kareem	OK
10	CRI01	CRI01	CRDL	05/06/25 15:31		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/06/25 15:50		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/06/25 15:55		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/06/25 15:59		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/06/25 16:03		Kareem	OK
15	CCV01	CCV01	CCV	05/06/25 16:29		Kareem	OK
16	CCB01	CCB01	CCB	05/06/25 16:34		Kareem	OK
17	Q1948-01	001-WILLETS-PT-BL	SAM	05/06/25 16:38		Kareem	OK
18	Q1948-02	002-35TH-AVE(APR)	SAM	05/06/25 16:42		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

19	Q1932-01	COMP-4	SAM	05/06/25 16:47		Kareem	OK
20	Q1932-03	COMP-5	SAM	05/06/25 16:51		Kareem	OK
21	Q1932-05	COMP-6	SAM	05/06/25 16:55		Kareem	OK
22	Q1932-07	COMP-7	SAM	05/06/25 16:59		Kareem	OK
23	Q1933-01	OK-01-050125	SAM	05/06/25 17:03		Kareem	OK
24	Q1933-01DUP	OK-01-050125DUP	DUP	05/06/25 17:07		Kareem	OK
25	Q1933-01L	OK-01-050125L	SD	05/06/25 17:11		Kareem	OK
26	CCV02	CCV02	CCV	05/06/25 17:15		Kareem	OK
27	CCB02	CCB02	CCB	05/06/25 17:20		Kareem	OK
28	Q1933-01MS	OK-01-050125MS	MS	05/06/25 17:24		Kareem	OK
29	Q1933-01MSD	OK-01-050125MSD	MSD	05/06/25 17:28		Kareem	OK
30	Q1933-01A	OK-01-050125A	PS	05/06/25 17:32		Kareem	OK
31	Q1913-03	WC-13-S-202504	SAM	05/06/25 17:43		Kareem	OK
32	Q1913-03DUP	WC-13-S-202504DUP	DUP	05/06/25 17:47		Kareem	OK
33	Q1913-03L	WC-13-S-202504L	SD	05/06/25 17:51		Kareem	OK
34	Q1913-03MS	WC-13-S-202504MS	MS	05/06/25 17:56		Kareem	OK
35	Q1913-03MSD	WC-13-S-202504MSD	MSD	05/06/25 18:00		Kareem	OK
36	Q1913-03A	WC-13-S-202504A	PS	05/06/25 18:04		Kareem	OK
37	CCV03	CCV03	CCV	05/06/25 18:08		Kareem	OK
38	CCB03	CCB03	CCB	05/06/25 18:13		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

39	PB167860BL	PB167860BL	MB	05/06/25 18:17		Kareem	OK
40	PB167860BS	PB167860BS	LCS	05/06/25 18:21		Kareem	OK
41	PB167781BL	PB167781BL	MB	05/06/25 18:25		Kareem	OK
42	PB167781BS	PB167781BS	LCS	05/06/25 18:37		Kareem	OK
43	PB167757BL	PB167757BL	MB	05/06/25 18:41		Kareem	OK
44	PB167757BS	PB167757BS	LCS	05/06/25 19:01		Kareem	OK
45	Q1949-01	001-WILLETS-PT-BL	SAM	05/06/25 19:05		Kareem	OK
46	CCV04	CCV04	CCV	05/06/25 19:16		Kareem	OK
47	CCB04	CCB04	CCB	05/06/25 19:20		Kareem	OK
48	Q1949-04	002-35TH-AVE(MAY)	SAM	05/06/25 19:24		Kareem	OK
49	Q1949-04DUP	002-35TH-AVE(MAY)[	DUP	05/06/25 19:29		Kareem	OK
50	Q1949-04L	002-35TH-AVE(MAY)[	SD	05/06/25 19:33		Kareem	OK
51	Q1949-04MS	002-35TH-AVE(MAY)[	MS	05/06/25 19:37		Kareem	OK
52	Q1949-04MSD	002-35TH-AVE(MAY)[	MSD	05/06/25 19:41		Kareem	OK
53	Q1949-04A	002-35TH-AVE(MAY)A	PS	05/06/25 19:45		Kareem	OK
54	Q1939-05	GB3	SAM	05/06/25 19:49	Zn high	Kareem	Dilution
55	Q1935-01	MH-NN	SAM	05/06/25 19:53		Kareem	OK
56	Q1935-05	MH-MM	SAM	05/06/25 19:57		Kareem	OK
57	CCV05	CCV05	CCV	05/06/25 20:01		Kareem	OK
58	CCB05	CCB05	CCB	05/06/25 20:06		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

59	Q1939-01	GB1	SAM	05/06/25 20:10		Kareem	OK
60	Q1939-03	GB2	SAM	05/06/25 20:14		Kareem	OK
61	Q1945-01DL	GB1WDL	SAM	05/06/25 20:18	10x for Zn	Kareem	Confirms
62	Q1946-01	BB-CONCRETE	SAM	05/06/25 20:22		Kareem	OK
63	Q1961-01	EO-01-050525	SAM	05/06/25 20:27		Kareem	OK
64	CCV06	CCV06	CCV	05/06/25 20:31		Kareem	OK
65	CCB06	CCB06	CCB	05/06/25 20:35		Kareem	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167781

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 04/29/2025 **Time :** 10:50 **Temp :** 96 °C

End Digest Date: 04/29/2025 **Time :** 13:05 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SLG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6005
LFS-2	1.00	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#3 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/29/25 14:05	SLG-MET-DIG	Default lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167781

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167781BL	PBS781	N/A	2.08	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167781BS	LCS781	N/A	2.09	100	Colorless	Colorless	Fine	N/A	M6005,M6012	2
Q1901-02	B-167-SB01	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	3
Q1901-03	B-170-SB01	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	4
Q1901-04	B-167-SB02	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	5
Q1901-05	B-170-SB02	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	6
Q1902-02	343	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	7
Q1902-02MS	343MS	N/A	2.11	100	Brown	Yellow	Medium	N/A	M6005,M6012	9
Q1902-02MSD	343MSD	N/A	2.41	100	Brown	Yellow	Medium	N/A	M6005,M6012	10
Q1902-02DUP	343DUP	N/A	2.08	100	Brown	Yellow	Medium	N/A	N/A	8
Q1903-01	COMP-4	N/A	2.35	100	Brown	Yellow	Medium	N/A	N/A	11
Q1903-02	COMP-5	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	12
Q1903-03	COMP-6	N/A	2.34	100	Brown	Yellow	Medium	N/A	N/A	13
Q1904-01	VNJ-210	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	14
Q1905-01	MH-G	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	15
Q1905-05	MH-H	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	16
Q1906-01	WC-4	N/A	2.48	100	Brown	Yellow	Medium	N/A	N/A	17
Q1906-05	WC-5	N/A	2.19	100	Brown	Yellow	Medium	N/A	N/A	18
Q1906-09	WC-6	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	19
Q1906-13	WC-7	N/A	2.11	100	Brown	Yellow	Medium	N/A	N/A	20
Q1907-01	CO-8R-WC	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	21

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167786

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 04/29/2025 **Time :** 15:15 **Temp :** 95 °C

End Digest Date: 04/29/2025 **Time :** 15:45 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: JL

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85485
CCV	30mL	MP85487
CRA	30mL	MP85489
Blank Spike	0.48mL	MP85478
Matrix Spike	0.48mL	MP85478

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85491
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243I
TCLP-FLUID-1	----------	M4583
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85479
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85480
2.5 ppb	S2.5	30mL	MP85481
5.0 ppb	S5.0	30mL	MP85482
7.5 ppb	S7.5	30mL	MP85483
10.0 ppb	S10.0	30mL	MP85484
ICV	ICV	30mL	MP85485
ICB	ICB	30mL	MP85486
CCV	CCV	30mL	MP85487
CCB	CCB	30mL	MP85488
CRI	CRI	30mL	MP85489
CHK STD	CHK STD	30mL	MP85490

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/29/25 @ 16:30	MB - Dig - Lab	MB - [illegible] Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167786

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167786BL	PBS786	0.527	35	NA	N/A	3-1
PB167786BS	LCS786	0.52	35	NA	MP85478	2
Q1901-02DUP	B-167-SB01DUP	0.56	35	NA	N/A	4
Q1901-02MS	B-167-SB01MS	0.52	35	NA	MP85478	5
Q1901-02MSD	B-167-SB01MSD	0.56	35	NA	MP85478	6
Q1901-02	B-167-SB01	0.54	35	NA	N/A	3
Q1901-03	B-170-SB01	0.57	35	NA	N/A	7
Q1901-04	B-167-SB02	0.54	35	NA	N/A	8
Q1901-05	B-170-SB02	0.58	35	NA	N/A	9
Q1902-02	343	0.52	35	NA	N/A	10
Q1903-01	COMP-4	0.52	35	NA	N/A	11
Q1903-02	COMP-5	0.50	35	NA	N/A	12
Q1903-03	COMP-6	0.53	35	NA	N/A	13
Q1904-01	VNJ-210	0.54	35	NA	N/A	14
Q1905-01	MH-G	0.55	35	NA	N/A	15
Q1905-05	MH-H	0.51	35	NA	N/A	16
Q1906-01	WC-4	0.52	35	NA	N/A	17
Q1906-05	WC-5	0.58	35	NA	N/A	18
Q1906-09	WC-6	0.54	35	NA	N/A	19
Q1906-13	WC-7	0.51	35	NA	N/A	20
Q1907-01	CO-8R-WC	0.54	35	NA	N/A	21

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167799

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 04/30/2025 **Time :** 10:20 **Temp :** 96 °C

End Digest Date: 04/30/2025 **Time :** 13:30 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLB.

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6005
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

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

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1CELL 50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/30/25 14:30	S123. met. dig	DB: Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167799

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167799BL	PBW799	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167799BS	LCS799	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	2
Q1890-01	TW-WTS-07	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1896-03	295-BERGEN-FRAC	<2	50	25	Brown	light Brown	Cloudy	Clear	N/A	4
Q1901-06	FB04262025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1901-06MS	FB04262025MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	7
Q1901-06MSD	FB04262025MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	8
Q1901-06DUP	FB04262025DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167812

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 04/30/2025 **Time :** 13:30 **Temp :** 94 °C

End Digest Date: 04/30/2025 **Time :** 15:30 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: 12

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85503
CCV	30mL	MP855505
CRA	30mL	MP85507
Blank Spike	0.48mL	N/A
Matrix Spike	0.48mL	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.5mL	MP85242
Hydroxylamine HCL (12%)	2.0mL	MP85243
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85495
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85497
2.5 ppb	S2.5	30mL	MP85498
5.0 ppb	S5.0	30mL	MP85499
7.5 ppb	S7.5	30mL	MP85500
10.0 ppb	S10.0	30mL	MP85502
ICV	ICV	30mL	MP85503
ICB	ICB	30mL	MP85504
CCV	CCV	30mL	MP85505
CCB	CCB	30mL	MP85506
CRI	CRI	30mL	MP85507
CHK STD	CHK STD	30mL	MP85508

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/30/25 @ 16:00	MB - Dig. Lab	MB - Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167812

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167812BL	PBW812	30	30	<2	N/A	3-30
PB167812BS	LCS812	30	30	<2	MP85494	31
Q1890-01	TW-WTS-07	30	30	<2	N/A	32
Q1896-03	295-BERGEN-FRAC	30	30	<2	N/A	33
Q1896-03DUP	295-BERGEN-FRACDUP	30	30	<2	N/A	34
Q1896-03MS	295-BERGEN-FRACMS	30	30	<2	MP85494	35
Q1896-03MSD	295-BERGEN-FRACMSD	30	30	<2	MP85494	36
Q1901-06	FB04262025	30	30	<2	N/A	37