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

Hit Summary Sheet
SW-846

SDG No.: Q2198 **Order ID:** Q2198

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-202-SB02								
Q2198-01	B-202-SB02	SOIL	Aluminum	5940		0.97	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Arsenic	4.98		0.22	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Barium	7.74		0.85	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Beryllium	0.25	J	0.029	0.35	mg/Kg
Q2198-01	B-202-SB02	SOIL	Cadmium	0.045	J	0.028	0.35	mg/Kg
Q2198-01	B-202-SB02	SOIL	Calcium	957		12.9	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Chromium	7.85		0.054	0.58	mg/Kg
Q2198-01	B-202-SB02	SOIL	Cobalt	1.60	J	0.12	1.74	mg/Kg
Q2198-01	B-202-SB02	SOIL	Copper	6.64		0.26	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Iron	6140		4.62	5.80	mg/Kg
Q2198-01	B-202-SB02	SOIL	Lead	8.55		0.15	0.70	mg/Kg
Q2198-01	B-202-SB02	SOIL	Magnesium	838		13.9	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Manganese	22.9		0.16	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Mercury	0.067		0.011	0.019	mg/Kg
Q2198-01	B-202-SB02	SOIL	Nickel	4.23		0.15	2.32	mg/Kg
Q2198-01	B-202-SB02	SOIL	Potassium	332		32.1	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Selenium	0.66	J	0.30	1.16	mg/Kg
Q2198-01	B-202-SB02	SOIL	Silver	0.29	J	0.14	0.58	mg/Kg
Q2198-01	B-202-SB02	SOIL	Sodium	259		20.6	116	mg/Kg
Q2198-01	B-202-SB02	SOIL	Vanadium	9.23		0.29	2.32	mg/Kg
Q2198-01	B-202-SB02	SOIL	Zinc	11.0		0.27	2.32	mg/Kg
Client ID : B-207-SB02								
Q2198-03	B-207-SB02	SOIL	Aluminum	7580		1.45	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Arsenic	7.70		0.33	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Barium	70.4		1.26	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Beryllium	0.55		0.043	0.52	mg/Kg
Q2198-03	B-207-SB02	SOIL	Cadmium	0.35	J	0.042	0.52	mg/Kg
Q2198-03	B-207-SB02	SOIL	Calcium	7810		19.2	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Chromium	27.8		0.081	0.87	mg/Kg
Q2198-03	B-207-SB02	SOIL	Cobalt	9.82		0.17	2.59	mg/Kg
Q2198-03	B-207-SB02	SOIL	Copper	56.1		0.38	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Iron	22200		6.90	8.65	mg/Kg
Q2198-03	B-207-SB02	SOIL	Lead	65.5		0.23	1.04	mg/Kg
Q2198-03	B-207-SB02	SOIL	Magnesium	5230		20.8	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Manganese	213		0.24	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Mercury	0.21		0.014	0.026	mg/Kg
Q2198-03	B-207-SB02	SOIL	Nickel	24.7		0.23	3.46	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2198 **Order ID:** Q2198

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2198-03	B-207-SB02	SOIL	Potassium	3720		47.9	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Selenium	0.93	J	0.45	1.73	mg/Kg
Q2198-03	B-207-SB02	SOIL	Silver	1.26		0.21	0.87	mg/Kg
Q2198-03	B-207-SB02	SOIL	Sodium	351		30.8	173	mg/Kg
Q2198-03	B-207-SB02	SOIL	Vanadium	27.1		0.43	3.46	mg/Kg
Q2198-03	B-207-SB02	SOIL	Zinc	132		0.40	3.46	mg/Kg
Client ID :	**B-202-GW01**							
Q2198-05	B-202-GW01	Water	Aluminum	23100	D	28.4	250	ug/L
Q2198-05	B-202-GW01	Water	Barium	68.1	JD	36.4	250	ug/L
Q2198-05	B-202-GW01	Water	Calcium	33200	D	585	5000	ug/L
Q2198-05	B-202-GW01	Water	Chromium	59.5	D	5.30	25.0	ug/L
Q2198-05	B-202-GW01	Water	Cobalt	6.74	JD	5.65	75.0	ug/L
Q2198-05	B-202-GW01	Water	Copper	50.5	D	11.5	50.0	ug/L
Q2198-05	B-202-GW01	Water	Iron	26800	D	58.5	250	ug/L
Q2198-05	B-202-GW01	Water	Lead	79.0	D	5.75	30.0	ug/L
Q2198-05	B-202-GW01	Water	Magnesium	36300	D	610	5000	ug/L
Q2198-05	B-202-GW01	Water	Manganese	354	D	14.9	50.0	ug/L
Q2198-05	B-202-GW01	Water	Mercury	0.31		0.076	0.20	ug/L
Q2198-05	B-202-GW01	Water	Nickel	23.9	JD	7.65	100	ug/L
Q2198-05	B-202-GW01	Water	Potassium	30400	D	2300	5000	ug/L
Q2198-05	B-202-GW01	Water	Sodium	367000	D	2170	5000	ug/L
Q2198-05	B-202-GW01	Water	Vanadium	77.0	JD	15.7	100	ug/L
Q2198-05	B-202-GW01	Water	Zinc	149	D	41.7	100	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	71.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5940		1	0.97	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.90	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-38-2	Arsenic	4.98		1	0.22	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-39-3	Barium	7.74	N	1	0.85	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-41-7	Beryllium	0.25	JN	1	0.029	0.35	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-43-9	Cadmium	0.045	J*	1	0.028	0.35	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-70-2	Calcium	957		1	12.9	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-47-3	Chromium	7.85	N	1	0.054	0.58	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-48-4	Cobalt	1.60	J	1	0.12	1.74	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-50-8	Copper	6.64	N	1	0.26	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-89-6	Iron	6140		1	4.62	5.80	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-92-1	Lead	8.55		1	0.15	0.70	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-95-4	Magnesium	838		1	13.9	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-96-5	Manganese	22.9		1	0.16	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7439-97-6	Mercury	0.067	N	1	0.011	0.019	mg/Kg	06/04/25 09:25	06/04/25 16:08	7471B	
7440-02-0	Nickel	4.23		1	0.15	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-09-7	Potassium	332	N*	1	32.1	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7782-49-2	Selenium	0.66	J	1	0.30	1.16	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-22-4	Silver	0.29	JN	1	0.14	0.58	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-23-5	Sodium	259	N*	1	20.6	116	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-62-2	Vanadium	9.23		1	0.29	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	SW3050
7440-66-6	Zinc	11.0	N	1	0.27	2.32	mg/Kg	06/04/25 10:20	06/05/25 20:37	6010D	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:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	52.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7580		1	1.45	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-36-0	Antimony	0.38	UN	1	0.38	4.32	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-38-2	Arsenic	7.70		1	0.33	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-39-3	Barium	70.4	N	1	1.26	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-41-7	Beryllium	0.55	N	1	0.043	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-43-9	Cadmium	0.35	J*	1	0.042	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-70-2	Calcium	7810		1	19.2	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-47-3	Chromium	27.8	N	1	0.081	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-48-4	Cobalt	9.82		1	0.17	2.59	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-50-8	Copper	56.1	N	1	0.38	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-89-6	Iron	22200		1	6.90	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-92-1	Lead	65.5		1	0.23	1.04	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-95-4	Magnesium	5230		1	20.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-96-5	Manganese	213		1	0.24	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-97-6	Mercury	0.21	N	1	0.014	0.026	mg/Kg	06/04/25 09:25	06/04/25 16:10	7471B	
7440-02-0	Nickel	24.7		1	0.23	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-09-7	Potassium	3720	N*	1	47.9	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7782-49-2	Selenium	0.93	J	1	0.45	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-22-4	Silver	1.26	N	1	0.21	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-23-5	Sodium	351	N*	1	30.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.43	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-66-6	Zinc	132	N	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050

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

U = Not Detected
LOQ = Limit of Quantitation
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-GW01	SDG No.:	Q2198
Lab Sample ID:	Q2198-05	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	23100	D	5	28.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-36-0	Antimony	16.9	UDN	5	16.9	125	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-38-2	Arsenic	12.8	UD	5	12.8	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-39-3	Barium	68.1	JD	5	36.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-41-7	Beryllium	1.40	UD	5	1.40	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-43-9	Cadmium	1.25	UD	5	1.25	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-70-2	Calcium	33200	D	5	585	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-47-3	Chromium	59.5	D	5	5.30	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-48-4	Cobalt	6.74	JD	5	5.65	75.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-50-8	Copper	50.5	D	5	11.5	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-89-6	Iron	26800	D	5	58.5	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-92-1	Lead	79.0	D	5	5.75	30.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-95-4	Magnesium	36300	D	5	610	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-96-5	Manganese	354	DN	5	14.9	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-97-6	Mercury	0.31		1	0.076	0.20	ug/L	06/05/25 14:05	06/06/25 11:25	7470A	
7440-02-0	Nickel	23.9	JD	5	7.65	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-09-7	Potassium	30400	D	5	2300	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7782-49-2	Selenium	24.1	UD	5	24.1	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-22-4	Silver	4.05	UD	5	4.05	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-23-5	Sodium	367000	D	5	2170	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-28-0	Thallium	10.9	UD	5	10.9	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-62-2	Vanadium	77.0	JD	5	15.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-66-6	Zinc	149	D	5	41.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010

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

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
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OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB27	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	15:06	LB136001

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Mercury	0.081	+/-0.2	J	0.20	CV	06/04/2025	15:14	LB136001
CCB02	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	16:01	LB136001
CCB03	Mercury	0.076	+/-0.2	U	0.20	CV	06/04/2025	16:29	LB136001

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB29	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:05	LB136036

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:10	LB136036
CCB09	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:40	LB136036
CCB10	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:07	LB136036
CCB11	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:43	LB136036
CCB12	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:08	LB136036
CCB13	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:35	LB136036

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:10	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:10	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:52	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:52	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:52	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
CCB02	Aluminum	11.3	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	17:39	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	17:39	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	17:39	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	17:39	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	17:39	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/04/2025	17:39	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
CCB03	Aluminum	11.3	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	18:42	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	18:42	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	18:42	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
CCB04	Aluminum	11.3	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	19:30	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	19:30	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	19:30	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
CCB05	Aluminum	11.3	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	20:16	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	20:16	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	20:16	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
CCB06	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:02	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:02	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	21:02	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:02	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:02	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:02	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
CCB07	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:45	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:45	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:45	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
CCB08	Aluminum	11.3	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	22:10	LB136011

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	22:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	22:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	22:10	LB136011

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/05/2025	16:14	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	16:14	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	16:14	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	16:14	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	16:14	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	16:14	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	16:14	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	16:14	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	16:14	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	16:14	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	16:14	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	16:14	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	16:14	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	16:14	LB136035

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/05/2025	16:54	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	16:54	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	16:54	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	16:54	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	16:54	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	16:54	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	16:54	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	16:54	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	16:54	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	16:54	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	16:54	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	16:54	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	16:54	LB136035
CCB02	Aluminum	11.3	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	17:50	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	17:50	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	17:50	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	17:50	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	17:50	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	17:50	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	17:50	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	17:50	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	17:50	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/05/2025	17:50	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	17:50	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	17:50	LB136035
CCB03	Aluminum	11.3	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	19:47	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	19:47	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	19:47	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	19:47	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	19:47	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	19:47	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	19:47	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	19:47	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	19:47	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	19:47	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	19:47	LB136035
CCB04	Aluminum	11.3	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	20:32	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	20:32	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	20:32	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	20:32	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	20:32	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	20:32	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	20:32	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	20:32	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	20:32	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	20:32	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	20:32	LB136035
CCB05	Aluminum	11.3	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Antimony	6.76	+/-25	U	50.0	P	06/05/2025	23:56	LB136035
	Arsenic	5.12	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Barium	14.6	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Beryllium	0.56	+/-3	U	6.00	P	06/05/2025	23:56	LB136035
	Cadmium	0.50	+/-3	U	6.00	P	06/05/2025	23:56	LB136035
	Calcium	234	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Chromium	2.12	+/-5	U	10.0	P	06/05/2025	23:56	LB136035
	Cobalt	2.26	+/-15	U	30.0	P	06/05/2025	23:56	LB136035
	Copper	4.60	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Iron	23.4	+/-50	U	100	P	06/05/2025	23:56	LB136035
	Lead	2.30	+/-6	U	12.0	P	06/05/2025	23:56	LB136035
	Magnesium	244	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Manganese	5.94	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Nickel	3.06	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Potassium	918	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Selenium	9.64	+/-10	U	20.0	P	06/05/2025	23:56	LB136035
	Silver	1.62	+/-5	U	10.0	P	06/05/2025	23:56	LB136035
	Sodium	868	+/-1000	U	2000	P	06/05/2025	23:56	LB136035
	Thallium	4.38	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Vanadium	6.26	+/-20	U	40.0	P	06/05/2025	23:56	LB136035
	Zinc	16.7	+/-20	U	40.0	P	06/05/2025	23:56	LB136035

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	13:33	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	13:33	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	13:33	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	13:33	LB136052

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	14:09	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	14:09	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	14:09	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
CCB02	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:00	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:00	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:00	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:00	LB136052

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
CCB03	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:57	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:57	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:57	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
CCB04	Aluminum	11.3	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	16:51	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	16:51	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	16:51	LB136052

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
CCB05	Aluminum	11.3	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	17:46	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	17:46	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	17:46	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
CCB06	Aluminum	11.3	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:07	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:07	LB136052

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:07	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:07	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Thallium	5.29	+/-20	J	40.0	P	06/07/2025	03:07	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
CCB07	Aluminum	13.6	+/-50	J	100	P	06/07/2025	03:44	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:44	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:44	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:44	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Thallium	6.19	+/-20	J	40.0	P	06/07/2025	03:44	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:44	LB136052

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168290BL		**SOLID**		**Batch Number:**	**PB168290**		**Prep Date:**	**06/04/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	06/04/2025	15:33	LB136001

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168317BL		**WATER**		**Batch Number:**	**PB168317**		**Prep Date:**	**06/05/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	06/06/2025	11:16	LB136036

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168276BL		**WATER**		**Batch Number:**	**PB168276**		**Prep Date:**	**06/04/2025**	
	Aluminum	5.67	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Antimony	3.38	<12.5	U	25.0	P	06/04/2025	20:46	LB136011
	Arsenic	2.56	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Barium	7.28	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Beryllium	0.28	<1.5	U	3.00	P	06/04/2025	20:46	LB136011
	Cadmium	0.25	<1.5	U	3.00	P	06/04/2025	20:46	LB136011
	Calcium	117	<500	U	1000	P	06/04/2025	20:46	LB136011
	Chromium	1.06	<2.5	U	5.00	P	06/04/2025	20:46	LB136011
	Cobalt	1.13	<7.5	U	15.0	P	06/04/2025	20:46	LB136011
	Copper	2.30	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Iron	11.7	<25	U	50.0	P	06/04/2025	20:46	LB136011
	Lead	1.15	<3	U	6.00	P	06/04/2025	20:46	LB136011
	Magnesium	122	<500	U	1000	P	06/04/2025	20:46	LB136011
	Manganese	2.97	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Nickel	1.53	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Potassium	459	<500	U	1000	P	06/04/2025	20:46	LB136011
	Selenium	4.82	<5	U	10.0	P	06/04/2025	20:46	LB136011
	Silver	0.81	<2.5	U	5.00	P	06/04/2025	20:46	LB136011
	Sodium	434	<500	U	1000	P	06/04/2025	20:46	LB136011
	Thallium	2.19	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Vanadium	3.13	<10	U	20.0	P	06/04/2025	20:46	LB136011
	Zinc	8.33	<10	U	20.0	P	06/04/2025	20:46	LB136011

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168279BL		**SOLID**		**Batch Number:**	**PB168279**		**Prep Date:**	**06/04/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Antimony	0.22	<1.25	U	2.50	P	06/06/2025	14:13	LB136052
	Arsenic	0.19	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Barium	0.73	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Beryllium	0.025	<0.15	U	0.30	P	06/06/2025	14:13	LB136052
	Cadmium	0.024	<0.15	U	0.30	P	06/06/2025	14:13	LB136052
	Calcium	11.1	<50	U	100	P	06/06/2025	14:13	LB136052
	Chromium	0.047	<0.25	U	0.50	P	06/06/2025	14:13	LB136052
	Cobalt	0.10	<0.75	U	1.50	P	06/06/2025	14:13	LB136052
	Copper	0.22	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Iron	3.99	<2.5	U	5.00	P	06/06/2025	14:13	LB136052
	Lead	0.13	<0.3	U	0.60	P	06/06/2025	14:13	LB136052
	Magnesium	12.0	<50	U	100	P	06/06/2025	14:13	LB136052
	Manganese	0.14	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
	Nickel	0.13	<1	U	2.00	P	06/06/2025	14:13	LB136052

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Instrument: P4

Potassium	27.7	<50	U	100	P	06/06/2025	14:13	LB136052
Selenium	0.26	<0.5	U	1.00	P	06/06/2025	14:13	LB136052
Silver	0.12	<0.25	U	0.50	P	06/06/2025	14:13	LB136052
Sodium	17.8	<50	U	100	P	06/06/2025	14:13	LB136052
Thallium	0.23	<1	U	2.00	P	06/06/2025	14:13	LB136052
Vanadium	0.25	<1	U	2.00	P	06/06/2025	14:13	LB136052
Zinc	0.23	<1	U	2.00	P	06/06/2025	14:13	LB136052

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
ICV27	Mercury	4.19	4.0	105	90 - 110	CV	06/04/2025	15:04	LB136001

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
CCV01	Mercury	4.99	5.0	100	90 - 110	CV	06/04/2025	15:09	LB136001
CCV02	Mercury	5.14	5.0	103	90 - 110	CV	06/04/2025	15:59	LB136001
CCV03	Mercury	5.22	5.0	104	90 - 110	CV	06/04/2025	16:27	LB136001

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
ICV29	Mercury	3.69	4.0	92	90 - 110	CV	06/06/2025	10:03	LB136036

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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
CCV08	Mercury	4.74	5.0	95	90 - 110	CV	06/06/2025	10:07	LB136036
CCV09	Mercury	4.88	5.0	98	90 - 110	CV	06/06/2025	10:37	LB136036
CCV10	Mercury	4.71	5.0	94	90 - 110	CV	06/06/2025	11:04	LB136036
CCV11	Mercury	4.55	5.0	91	90 - 110	CV	06/06/2025	11:41	LB136036
CCV12	Mercury	4.77	5.0	96	90 - 110	CV	06/06/2025	12:06	LB136036
CCV13	Mercury	5.10	5.0	102	90 - 110	CV	06/06/2025	12:33	LB136036

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2470	2500	99	90 - 110	P	06/04/2025	15:49	LB136011
	Antimony	1020	1000	102	90 - 110	P	06/04/2025	15:49	LB136011
	Arsenic	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Barium	552	520	106	90 - 110	P	06/04/2025	15:49	LB136011
	Beryllium	472	510	92	90 - 110	P	06/04/2025	15:49	LB136011
	Cadmium	500	510	98	90 - 110	P	06/04/2025	15:49	LB136011
	Calcium	9520	10000	95	90 - 110	P	06/04/2025	15:49	LB136011
	Chromium	518	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Cobalt	521	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Copper	527	510	103	90 - 110	P	06/04/2025	15:49	LB136011
	Iron	10100	10000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Lead	976	1000	98	90 - 110	P	06/04/2025	15:49	LB136011
	Magnesium	5940	6000	99	90 - 110	P	06/04/2025	15:49	LB136011
	Manganese	500	520	96	90 - 110	P	06/04/2025	15:49	LB136011
	Nickel	532	530	100	90 - 110	P	06/04/2025	15:49	LB136011
	Potassium	10500	9900	106	90 - 110	P	06/04/2025	15:49	LB136011
	Selenium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Silver	234	250	94	90 - 110	P	06/04/2025	15:49	LB136011
	Sodium	10400	10000	104	90 - 110	P	06/04/2025	15:49	LB136011
	Thallium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Vanadium	469	500	94	90 - 110	P	06/04/2025	15:49	LB136011
	Zinc	971	1000	97	90 - 110	P	06/04/2025	15:49	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	103	100	103	80 - 120	P	06/04/2025	16:06	LB136011
	Antimony	52.4	50.0	105	80 - 120	P	06/04/2025	16:06	LB136011
	Arsenic	18.1	20.0	90	80 - 120	P	06/04/2025	16:06	LB136011
	Barium	88.2	100	88	80 - 120	P	06/04/2025	16:06	LB136011
	Beryllium	5.51	6.0	92	80 - 120	P	06/04/2025	16:06	LB136011
	Cadmium	5.84	6.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Calcium	1880	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Chromium	10.2	10.0	102	80 - 120	P	06/04/2025	16:06	LB136011
	Cobalt	29.2	30.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Copper	21.5	20.0	108	80 - 120	P	06/04/2025	16:06	LB136011
	Iron	109	100	109	80 - 120	P	06/04/2025	16:06	LB136011
	Lead	11.3	12.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Magnesium	1890	2000	95	80 - 120	P	06/04/2025	16:06	LB136011
	Manganese	18.7	20.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Nickel	39.9	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Potassium	1870	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Selenium	23.1	20.0	115	80 - 120	P	06/04/2025	16:06	LB136011
	Silver	9.80	10.0	98	80 - 120	P	06/04/2025	16:06	LB136011
	Sodium	1770	2000	88	80 - 120	P	06/04/2025	16:06	LB136011
	Thallium	39.8	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Vanadium	37.5	40.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Zinc	42.0	40.0	105	80 - 120	P	06/04/2025	16:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9950	10000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Antimony	5070	5000	102	90 - 110	P	06/04/2025	16:45	LB136011
	Arsenic	5030	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Barium	9780	10000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Beryllium	247	250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cadmium	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Calcium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Chromium	993	1000	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cobalt	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Copper	1280	1250	102	90 - 110	P	06/04/2025	16:45	LB136011
	Iron	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Lead	5010	5000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Magnesium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Manganese	2440	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
	Nickel	2530	2500	101	90 - 110	P	06/04/2025	16:45	LB136011
	Potassium	24200	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Selenium	5070	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Silver	1230	1250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Sodium	24500	25000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Vanadium	2420	2500	97	90 - 110	P	06/04/2025	16:45	LB136011
	Zinc	2450	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
CCV02	Aluminum	9620	10000	96	90 - 110	P	06/04/2025	17:35	LB136011
	Antimony	4990	5000	100	90 - 110	P	06/04/2025	17:35	LB136011
	Arsenic	4960	5000	99	90 - 110	P	06/04/2025	17:35	LB136011
	Barium	9200	10000	92	90 - 110	P	06/04/2025	17:35	LB136011
	Beryllium	244	250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cadmium	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Calcium	23500	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Chromium	985	1000	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cobalt	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Copper	1250	1250	100	90 - 110	P	06/04/2025	17:35	LB136011
	Iron	4740	5000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Lead	4910	5000	98	90 - 110	P	06/04/2025	17:35	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	23600	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	17:35	LB136011
	Nickel	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
	Potassium	23800	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Selenium	5060	5000	101	90 - 110	P	06/04/2025	17:35	LB136011
	Silver	1230	1250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Sodium	23700	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Thallium	5120	5000	102	90 - 110	P	06/04/2025	17:35	LB136011
	Vanadium	2340	2500	94	90 - 110	P	06/04/2025	17:35	LB136011
	Zinc	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
CCV03	Aluminum	9250	10000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Antimony	4830	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Arsenic	4790	5000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Barium	9130	10000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	18:37	LB136011
	Cadmium	2390	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Calcium	22900	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Chromium	953	1000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Cobalt	2380	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Copper	1220	1250	97	90 - 110	P	06/04/2025	18:37	LB136011
	Iron	4730	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Lead	4750	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Magnesium	22800	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Manganese	2290	2500	92	90 - 110	P	06/04/2025	18:37	LB136011
	Nickel	2400	2500	96	90 - 110	P	06/04/2025	18:37	LB136011
	Potassium	23600	25000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Selenium	4850	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Silver	1190	1250	96	90 - 110	P	06/04/2025	18:37	LB136011
	Sodium	23900	25000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Thallium	4610	5000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	18:37	LB136011
	Zinc	2370	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
CCV04	Aluminum	9170	10000	92	90 - 110	P	06/04/2025	19:26	LB136011
	Antimony	4740	5000	95	90 - 110	P	06/04/2025	19:26	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Barium	9070	10000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Beryllium	227	250	91	90 - 110	P	06/04/2025	19:26	LB136011
	Cadmium	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Calcium	22800	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Chromium	944	1000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Copper	1190	1250	96	90 - 110	P	06/04/2025	19:26	LB136011
	Iron	4670	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Lead	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Manganese	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	19:26	LB136011
	Potassium	23200	25000	93	90 - 110	P	06/04/2025	19:26	LB136011
	Selenium	4750	5000	95	90 - 110	P	06/04/2025	19:26	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	19:26	LB136011
	Sodium	23600	25000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Thallium	4830	5000	97	90 - 110	P	06/04/2025	19:26	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Zinc	2310	2500	92	90 - 110	P	06/04/2025	19:26	LB136011
CCV05	Aluminum	9260	10000	93	90 - 110	P	06/04/2025	20:12	LB136011
	Antimony	4750	5000	95	90 - 110	P	06/04/2025	20:12	LB136011
	Arsenic	4700	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Barium	9550	10000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Beryllium	228	250	91	90 - 110	P	06/04/2025	20:12	LB136011
	Cadmium	2350	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	20:12	LB136011
	Chromium	942	1000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Copper	1200	1250	96	90 - 110	P	06/04/2025	20:12	LB136011
	Iron	4820	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Lead	4720	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	20:12	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	20:12	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2360	2500	95	90 - 110	P	06/04/2025	20:12	LB136011
	Potassium	24000	25000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Selenium	4730	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	20:12	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	20:12	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:12	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
CCV06	Aluminum	9210	10000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Barium	9410	10000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cadmium	2320	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Calcium	23300	25000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Chromium	930	1000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	20:58	LB136011
	Iron	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Lead	4650	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Manganese	2350	2500	94	90 - 110	P	06/04/2025	20:58	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Potassium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Selenium	4630	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Silver	1160	1250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Sodium	23500	25000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Thallium	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
CCV07	Aluminum	9220	10000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Antimony	4730	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Arsenic	4710	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Barium	9600	10000	96	90 - 110	P	06/04/2025	21:41	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	230	250	92	90 - 110	P	06/04/2025	21:41	LB136011
	Cadmium	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Calcium	23400	25000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Chromium	945	1000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Cobalt	2360	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Copper	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Iron	4930	5000	98	90 - 110	P	06/04/2025	21:41	LB136011
	Lead	4730	5000	95	90 - 110	P	06/04/2025	21:41	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Manganese	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Potassium	24100	25000	96	90 - 110	P	06/04/2025	21:41	LB136011
	Selenium	4690	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	21:41	LB136011
	Thallium	4700	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Vanadium	2340	2500	93	90 - 110	P	06/04/2025	21:41	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	21:41	LB136011
CCV08	Aluminum	9270	10000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Barium	9210	10000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Beryllium	245	250	98	90 - 110	P	06/04/2025	22:06	LB136011
	Cadmium	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Chromium	937	1000	94	90 - 110	P	06/04/2025	22:06	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Iron	4430	5000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Lead	4670	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Magnesium	23200	25000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Potassium	21800	25000	87	90 - 110	P	06/04/2025	22:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	4580	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Sodium	22000	25000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Thallium	4600	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Vanadium	2300	2500	92	90 - 110	P	06/04/2025	22:06	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	22:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2480	2500	99	90 - 110	P	06/05/2025	15:55	LB136035
	Antimony	1020	1000	102	90 - 110	P	06/05/2025	15:55	LB136035
	Arsenic	1010	1000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Barium	475	520	91	90 - 110	P	06/05/2025	15:55	LB136035
	Beryllium	480	510	94	90 - 110	P	06/05/2025	15:55	LB136035
	Cadmium	504	510	99	90 - 110	P	06/05/2025	15:55	LB136035
	Calcium	9690	10000	97	90 - 110	P	06/05/2025	15:55	LB136035
	Chromium	529	520	102	90 - 110	P	06/05/2025	15:55	LB136035
	Cobalt	525	520	101	90 - 110	P	06/05/2025	15:55	LB136035
	Copper	527	510	103	90 - 110	P	06/05/2025	15:55	LB136035
	Iron	10100	10000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Lead	985	1000	98	90 - 110	P	06/05/2025	15:55	LB136035
	Magnesium	6060	6000	101	90 - 110	P	06/05/2025	15:55	LB136035
	Manganese	500	520	96	90 - 110	P	06/05/2025	15:55	LB136035
	Nickel	535	530	101	90 - 110	P	06/05/2025	15:55	LB136035
	Potassium	9470	9900	96	90 - 110	P	06/05/2025	15:55	LB136035
	Selenium	1000	1000	100	90 - 110	P	06/05/2025	15:55	LB136035
	Silver	261	250	104	90 - 110	P	06/05/2025	15:55	LB136035
	Sodium	10200	10000	102	90 - 110	P	06/05/2025	15:55	LB136035
	Thallium	1060	1000	106	90 - 110	P	06/05/2025	15:55	LB136035
	Vanadium	477	500	95	90 - 110	P	06/05/2025	15:55	LB136035
	Zinc	995	1000	100	90 - 110	P	06/05/2025	15:55	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.6	100	100	80 - 120	P	06/05/2025	16:09	LB136035
	Antimony	50.6	50.0	101	80 - 120	P	06/05/2025	16:09	LB136035
	Arsenic	23.4	20.0	117	80 - 120	P	06/05/2025	16:09	LB136035
	Barium	88.5	100	88	80 - 120	P	06/05/2025	16:09	LB136035
	Beryllium	5.63	6.0	94	80 - 120	P	06/05/2025	16:09	LB136035
	Cadmium	6.12	6.0	102	80 - 120	P	06/05/2025	16:09	LB136035
	Calcium	1870	2000	93	80 - 120	P	06/05/2025	16:09	LB136035
	Chromium	10.7	10.0	107	80 - 120	P	06/05/2025	16:09	LB136035
	Cobalt	29.7	30.0	99	80 - 120	P	06/05/2025	16:09	LB136035
	Copper	21.5	20.0	107	80 - 120	P	06/05/2025	16:09	LB136035
	Iron	114	100	114	80 - 120	P	06/05/2025	16:09	LB136035
	Lead	14.0	12.0	117	80 - 120	P	06/05/2025	16:09	LB136035
	Magnesium	1930	2000	96	80 - 120	P	06/05/2025	16:09	LB136035
	Manganese	19.0	20.0	95	80 - 120	P	06/05/2025	16:09	LB136035
	Nickel	40.1	40.0	100	80 - 120	P	06/05/2025	16:09	LB136035
	Potassium	2370	2000	118	80 - 120	P	06/05/2025	16:09	LB136035
	Selenium	22.3	20.0	112	80 - 120	P	06/05/2025	16:09	LB136035
	Silver	10.4	10.0	104	80 - 120	P	06/05/2025	16:09	LB136035
	Sodium	1930	2000	96	80 - 120	P	06/05/2025	16:09	LB136035
	Thallium	41.2	40.0	103	80 - 120	P	06/05/2025	16:09	LB136035
	Vanadium	35.7	40.0	89	80 - 120	P	06/05/2025	16:09	LB136035
	Zinc	45.3	40.0	113	80 - 120	P	06/05/2025	16:09	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9670	10000	97	90 - 110	P	06/05/2025	16:50	LB136035
	Antimony	5030	5000	101	90 - 110	P	06/05/2025	16:50	LB136035
	Arsenic	4980	5000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Barium	9250	10000	92	90 - 110	P	06/05/2025	16:50	LB136035
	Beryllium	238	250	95	90 - 110	P	06/05/2025	16:50	LB136035
	Cadmium	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Calcium	23900	25000	96	90 - 110	P	06/05/2025	16:50	LB136035
	Chromium	1010	1000	101	90 - 110	P	06/05/2025	16:50	LB136035
	Cobalt	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Copper	1260	1250	101	90 - 110	P	06/05/2025	16:50	LB136035
	Iron	4890	5000	98	90 - 110	P	06/05/2025	16:50	LB136035
	Lead	4930	5000	99	90 - 110	P	06/05/2025	16:50	LB136035
	Magnesium	24100	25000	96	90 - 110	P	06/05/2025	16:50	LB136035
	Manganese	2340	2500	94	90 - 110	P	06/05/2025	16:50	LB136035
	Nickel	2470	2500	99	90 - 110	P	06/05/2025	16:50	LB136035
	Potassium	24300	25000	97	90 - 110	P	06/05/2025	16:50	LB136035
	Selenium	5020	5000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Silver	1230	1250	99	90 - 110	P	06/05/2025	16:50	LB136035
	Sodium	24900	25000	100	90 - 110	P	06/05/2025	16:50	LB136035
	Thallium	5260	5000	105	90 - 110	P	06/05/2025	16:50	LB136035
	Vanadium	2390	2500	96	90 - 110	P	06/05/2025	16:50	LB136035
	Zinc	2540	2500	102	90 - 110	P	06/05/2025	16:50	LB136035
CCV02	Aluminum	9470	10000	95	90 - 110	P	06/05/2025	17:46	LB136035
	Antimony	5050	5000	101	90 - 110	P	06/05/2025	17:46	LB136035
	Arsenic	4960	5000	99	90 - 110	P	06/05/2025	17:46	LB136035
	Barium	9460	10000	95	90 - 110	P	06/05/2025	17:46	LB136035
	Beryllium	228	250	91	90 - 110	P	06/05/2025	17:46	LB136035
	Cadmium	2450	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Calcium	23600	25000	94	90 - 110	P	06/05/2025	17:46	LB136035
	Chromium	1000	1000	100	90 - 110	P	06/05/2025	17:46	LB136035
	Cobalt	2450	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Copper	1260	1250	101	90 - 110	P	06/05/2025	17:46	LB136035
	Iron	5140	5000	103	90 - 110	P	06/05/2025	17:46	LB136035
	Lead	4870	5000	97	90 - 110	P	06/05/2025	17:46	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	23400	25000	94	90 - 110	P	06/05/2025	17:46	LB136035
	Manganese	2340	2500	94	90 - 110	P	06/05/2025	17:46	LB136035
	Nickel	2440	2500	98	90 - 110	P	06/05/2025	17:46	LB136035
	Potassium	25400	25000	102	90 - 110	P	06/05/2025	17:46	LB136035
	Selenium	5030	5000	101	90 - 110	P	06/05/2025	17:46	LB136035
	Silver	1240	1250	100	90 - 110	P	06/05/2025	17:46	LB136035
	Sodium	25900	25000	104	90 - 110	P	06/05/2025	17:46	LB136035
	Thallium	5010	5000	100	90 - 110	P	06/05/2025	17:46	LB136035
	Vanadium	2380	2500	95	90 - 110	P	06/05/2025	17:46	LB136035
	Zinc	2490	2500	100	90 - 110	P	06/05/2025	17:46	LB136035
CCV03	Aluminum	9470	10000	95	90 - 110	P	06/05/2025	19:43	LB136035
	Antimony	4670	5000	94	90 - 110	P	06/05/2025	19:43	LB136035
	Arsenic	4930	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Barium	10200	10000	102	90 - 110	P	06/05/2025	19:43	LB136035
	Beryllium	237	250	95	90 - 110	P	06/05/2025	19:43	LB136035
	Cadmium	2430	2500	97	90 - 110	P	06/05/2025	19:43	LB136035
	Calcium	24700	25000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Chromium	961	1000	96	90 - 110	P	06/05/2025	19:43	LB136035
	Cobalt	2440	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Copper	1230	1250	98	90 - 110	P	06/05/2025	19:43	LB136035
	Iron	5110	5000	102	90 - 110	P	06/05/2025	19:43	LB136035
	Lead	4870	5000	97	90 - 110	P	06/05/2025	19:43	LB136035
	Magnesium	24200	25000	97	90 - 110	P	06/05/2025	19:43	LB136035
	Manganese	2540	2500	102	90 - 110	P	06/05/2025	19:43	LB136035
	Nickel	2440	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Potassium	24700	25000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Selenium	4950	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Silver	1210	1250	97	90 - 110	P	06/05/2025	19:43	LB136035
	Sodium	23100	25000	92	90 - 110	P	06/05/2025	19:43	LB136035
	Thallium	4940	5000	99	90 - 110	P	06/05/2025	19:43	LB136035
	Vanadium	2450	2500	98	90 - 110	P	06/05/2025	19:43	LB136035
	Zinc	2610	2500	104	90 - 110	P	06/05/2025	19:43	LB136035
CCV04	Aluminum	9620	10000	96	90 - 110	P	06/05/2025	20:28	LB136035
	Antimony	4840	5000	97	90 - 110	P	06/05/2025	20:28	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	5150	5000	103	90 - 110	P	06/05/2025	20:28	LB136035
	Barium	10000	10000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Beryllium	232	250	93	90 - 110	P	06/05/2025	20:28	LB136035
	Cadmium	2500	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Calcium	24600	25000	98	90 - 110	P	06/05/2025	20:28	LB136035
	Chromium	995	1000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Cobalt	2490	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Copper	1270	1250	102	90 - 110	P	06/05/2025	20:28	LB136035
	Iron	5230	5000	105	90 - 110	P	06/05/2025	20:28	LB136035
	Lead	4990	5000	100	90 - 110	P	06/05/2025	20:28	LB136035
	Magnesium	24200	25000	97	90 - 110	P	06/05/2025	20:28	LB136035
	Manganese	2470	2500	99	90 - 110	P	06/05/2025	20:28	LB136035
	Nickel	2500	2500	100	90 - 110	P	06/05/2025	20:28	LB136035
	Potassium	25400	25000	101	90 - 110	P	06/05/2025	20:28	LB136035
	Selenium	5160	5000	103	90 - 110	P	06/05/2025	20:28	LB136035
	Silver	1230	1250	99	90 - 110	P	06/05/2025	20:28	LB136035
	Sodium	22600	25000	90	90 - 110	P	06/05/2025	20:28	LB136035
	Thallium	5050	5000	101	90 - 110	P	06/05/2025	20:28	LB136035
	Vanadium	2480	2500	99	90 - 110	P	06/05/2025	20:28	LB136035
	Zinc	2630	2500	105	90 - 110	P	06/05/2025	20:28	LB136035
CCV05	Aluminum	9550	10000	96	90 - 110	P	06/05/2025	23:51	LB136035
	Antimony	4730	5000	94	90 - 110	P	06/05/2025	23:51	LB136035
	Arsenic	5070	5000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Barium	9950	10000	100	90 - 110	P	06/05/2025	23:51	LB136035
	Beryllium	239	250	96	90 - 110	P	06/05/2025	23:51	LB136035
	Cadmium	2500	2500	100	90 - 110	P	06/05/2025	23:51	LB136035
	Calcium	24700	25000	99	90 - 110	P	06/05/2025	23:51	LB136035
	Chromium	1010	1000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Cobalt	2480	2500	99	90 - 110	P	06/05/2025	23:51	LB136035
	Copper	1250	1250	100	90 - 110	P	06/05/2025	23:51	LB136035
	Iron	5320	5000	106	90 - 110	P	06/05/2025	23:51	LB136035
	Lead	4970	5000	100	90 - 110	P	06/05/2025	23:51	LB136035
	Magnesium	24300	25000	97	90 - 110	P	06/05/2025	23:51	LB136035
	Manganese	2480	2500	99	90 - 110	P	06/05/2025	23:51	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2490	2500	100	90 - 110	P	06/05/2025	23:51	LB136035
	Potassium	25600	25000	102	90 - 110	P	06/05/2025	23:51	LB136035
	Selenium	5060	5000	101	90 - 110	P	06/05/2025	23:51	LB136035
	Silver	1260	1250	100	90 - 110	P	06/05/2025	23:51	LB136035
	Sodium	23000	25000	92	90 - 110	P	06/05/2025	23:51	LB136035
	Thallium	4960	5000	99	90 - 110	P	06/05/2025	23:51	LB136035
	Vanadium	2470	2500	99	90 - 110	P	06/05/2025	23:51	LB136035
	Zinc	2670	2500	107	90 - 110	P	06/05/2025	23:51	LB136035

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2550	2500	102	90 - 110	P	06/06/2025	13:16	LB136052
	Antimony	1020	1000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Arsenic	1010	1000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Barium	507	520	98	90 - 110	P	06/06/2025	13:16	LB136052
	Beryllium	485	510	95	90 - 110	P	06/06/2025	13:16	LB136052
	Cadmium	502	510	98	90 - 110	P	06/06/2025	13:16	LB136052
	Calcium	9890	10000	99	90 - 110	P	06/06/2025	13:16	LB136052
	Chromium	522	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Cobalt	523	520	101	90 - 110	P	06/06/2025	13:16	LB136052
	Copper	527	510	103	90 - 110	P	06/06/2025	13:16	LB136052
	Iron	10300	10000	103	90 - 110	P	06/06/2025	13:16	LB136052
	Lead	980	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Magnesium	6090	6000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Manganese	520	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Nickel	533	530	100	90 - 110	P	06/06/2025	13:16	LB136052
	Potassium	9630	9900	97	90 - 110	P	06/06/2025	13:16	LB136052
	Selenium	998	1000	100	90 - 110	P	06/06/2025	13:16	LB136052
	Silver	243	250	97	90 - 110	P	06/06/2025	13:16	LB136052
	Sodium	10100	10000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Thallium	985	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Vanadium	489	500	98	90 - 110	P	06/06/2025	13:16	LB136052
	Zinc	991	1000	99	90 - 110	P	06/06/2025	13:16	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	13:29	LB136052
	Antimony	47.2	50.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Arsenic	21.6	20.0	108	80 - 120	P	06/06/2025	13:29	LB136052
	Barium	92.0	100	92	80 - 120	P	06/06/2025	13:29	LB136052
	Beryllium	5.86	6.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Cadmium	6.02	6.0	100	80 - 120	P	06/06/2025	13:29	LB136052
	Calcium	1940	2000	97	80 - 120	P	06/06/2025	13:29	LB136052
	Chromium	9.45	10.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Cobalt	29.2	30.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Copper	21.0	20.0	105	80 - 120	P	06/06/2025	13:29	LB136052
	Iron	106	100	106	80 - 120	P	06/06/2025	13:29	LB136052
	Lead	13.9	12.0	116	80 - 120	P	06/06/2025	13:29	LB136052
	Magnesium	1960	2000	98	80 - 120	P	06/06/2025	13:29	LB136052
	Manganese	19.2	20.0	96	80 - 120	P	06/06/2025	13:29	LB136052
	Nickel	39.7	40.0	99	80 - 120	P	06/06/2025	13:29	LB136052
	Potassium	2290	2000	115	80 - 120	P	06/06/2025	13:29	LB136052
	Selenium	22.5	20.0	112	80 - 120	P	06/06/2025	13:29	LB136052
	Silver	9.79	10.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Sodium	1630	2000	82	80 - 120	P	06/06/2025	13:29	LB136052
	Thallium	41.0	40.0	102	80 - 120	P	06/06/2025	13:29	LB136052
	Vanadium	38.8	40.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Zinc	43.4	40.0	108	80 - 120	P	06/06/2025	13:29	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	9970	10000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Antimony	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Arsenic	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Barium	9720	10000	97	90 - 110	P	06/06/2025	14:05	LB136052
	Beryllium	244	250	98	90 - 110	P	06/06/2025	14:05	LB136052
	Cadmium	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Calcium	24000	25000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Chromium	995	1000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Cobalt	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	14:05	LB136052
	Iron	4810	5000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Lead	4910	5000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Magnesium	23900	25000	95	90 - 110	P	06/06/2025	14:05	LB136052
	Manganese	2360	2500	95	90 - 110	P	06/06/2025	14:05	LB136052
	Nickel	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Potassium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Selenium	5120	5000	102	90 - 110	P	06/06/2025	14:05	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	14:05	LB136052
	Sodium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Thallium	5010	5000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Vanadium	2420	2500	97	90 - 110	P	06/06/2025	14:05	LB136052
	Zinc	2480	2500	99	90 - 110	P	06/06/2025	14:05	LB136052
CCV02	Aluminum	9950	10000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Antimony	5150	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Arsenic	5110	5000	102	90 - 110	P	06/06/2025	14:56	LB136052
	Barium	9740	10000	97	90 - 110	P	06/06/2025	14:56	LB136052
	Beryllium	235	250	94	90 - 110	P	06/06/2025	14:56	LB136052
	Cadmium	2470	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/06/2025	14:56	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Cobalt	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Copper	1280	1250	102	90 - 110	P	06/06/2025	14:56	LB136052
	Iron	4920	5000	98	90 - 110	P	06/06/2025	14:56	LB136052
	Lead	4960	5000	99	90 - 110	P	06/06/2025	14:56	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	14:56	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	14:56	LB136052
	Nickel	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Potassium	25000	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Selenium	5170	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Silver	1250	1250	100	90 - 110	P	06/06/2025	14:56	LB136052
	Sodium	25100	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Thallium	5070	5000	101	90 - 110	P	06/06/2025	14:56	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	14:56	LB136052
	Zinc	2490	2500	100	90 - 110	P	06/06/2025	14:56	LB136052
CCV03	Aluminum	10200	10000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Antimony	5160	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Arsenic	5150	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Barium	9690	10000	97	90 - 110	P	06/06/2025	15:50	LB136052
	Beryllium	253	250	101	90 - 110	P	06/06/2025	15:50	LB136052
	Cadmium	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Calcium	24500	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Chromium	998	1000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Cobalt	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Copper	1280	1250	103	90 - 110	P	06/06/2025	15:50	LB136052
	Iron	4640	5000	93	90 - 110	P	06/06/2025	15:50	LB136052
	Lead	5000	5000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Magnesium	24600	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Manganese	2420	2500	97	90 - 110	P	06/06/2025	15:50	LB136052
	Nickel	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Potassium	23600	25000	94	90 - 110	P	06/06/2025	15:50	LB136052
	Selenium	5210	5000	104	90 - 110	P	06/06/2025	15:50	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	15:50	LB136052
	Sodium	23900	25000	95	90 - 110	P	06/06/2025	15:50	LB136052
	Thallium	5080	5000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Vanadium	2460	2500	98	90 - 110	P	06/06/2025	15:50	LB136052
	Zinc	2470	2500	99	90 - 110	P	06/06/2025	15:50	LB136052
CCV04	Aluminum	9810	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	16:46	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Barium	9750	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Beryllium	237	250	95	90 - 110	P	06/06/2025	16:46	LB136052
	Cadmium	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Calcium	24200	25000	97	90 - 110	P	06/06/2025	16:46	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	16:46	LB136052
	Cobalt	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Copper	1240	1250	99	90 - 110	P	06/06/2025	16:46	LB136052
	Iron	4980	5000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Lead	4890	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Magnesium	23900	25000	96	90 - 110	P	06/06/2025	16:46	LB136052
	Manganese	2400	2500	96	90 - 110	P	06/06/2025	16:46	LB136052
	Nickel	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Potassium	24600	25000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Selenium	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Silver	1230	1250	98	90 - 110	P	06/06/2025	16:46	LB136052
	Sodium	25000	25000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Thallium	4710	5000	94	90 - 110	P	06/06/2025	16:46	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	16:46	LB136052
	Zinc	2460	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Arsenic	4930	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Barium	9480	10000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Beryllium	243	250	97	90 - 110	P	06/06/2025	17:40	LB136052
	Cadmium	2390	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Calcium	23700	25000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Chromium	977	1000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Cobalt	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	17:40	LB136052
	Iron	4770	5000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Lead	4810	5000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Magnesium	23600	25000	94	90 - 110	P	06/06/2025	17:40	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	17:40	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Potassium	23900	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Selenium	5010	5000	100	90 - 110	P	06/06/2025	17:40	LB136052
	Silver	1230	1250	99	90 - 110	P	06/06/2025	17:40	LB136052
	Sodium	24000	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Thallium	4840	5000	97	90 - 110	P	06/06/2025	17:40	LB136052
	Vanadium	2400	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Zinc	2450	2500	98	90 - 110	P	06/06/2025	17:40	LB136052
CCV06	Aluminum	9230	10000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Antimony	4480	5000	90	90 - 110	P	06/07/2025	03:03	LB136052
	Arsenic	4390	5000	88	90 - 110	P	06/07/2025	03:03	LB136052
	Barium	9840	10000	98	90 - 110	P	06/07/2025	03:03	LB136052
	Beryllium	257	250	103	90 - 110	P	06/07/2025	03:03	LB136052
	Cadmium	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Chromium	907	1000	91	90 - 110	P	06/07/2025	03:03	LB136052
	Cobalt	2290	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Copper	1170	1250	94	90 - 110	P	06/07/2025	03:03	LB136052
	Iron	4160	5000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Lead	4580	5000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Magnesium	24100	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Manganese	2470	2500	99	90 - 110	P	06/07/2025	03:03	LB136052
	Nickel	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Potassium	20100	25000	81	90 - 110	P	06/07/2025	03:03	LB136052
	Selenium	4340	5000	87	90 - 110	P	06/07/2025	03:03	LB136052
	Silver	1120	1250	90	90 - 110	P	06/07/2025	03:03	LB136052
	Sodium	20700	25000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Thallium	4470	5000	89	90 - 110	P	06/07/2025	03:03	LB136052
	Vanadium	2390	2500	96	90 - 110	P	06/07/2025	03:03	LB136052
	Zinc	2190	2500	88	90 - 110	P	06/07/2025	03:03	LB136052
CCV07	Aluminum	9310	10000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Antimony	4500	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Arsenic	4400	5000	88	90 - 110	P	06/07/2025	03:40	LB136052
	Barium	10300	10000	103	90 - 110	P	06/07/2025	03:40	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	249	250	100	90 - 110	P	06/07/2025	03:40	LB136052
	Cadmium	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Calcium	24600	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Chromium	951	1000	95	90 - 110	P	06/07/2025	03:40	LB136052
	Cobalt	2320	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Copper	1180	1250	94	90 - 110	P	06/07/2025	03:40	LB136052
	Iron	4870	5000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Lead	4630	5000	92	90 - 110	P	06/07/2025	03:40	LB136052
	Magnesium	24500	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Manganese	2530	2500	101	90 - 110	P	06/07/2025	03:40	LB136052
	Nickel	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Potassium	22700	25000	91	90 - 110	P	06/07/2025	03:40	LB136052
	Selenium	4350	5000	87	90 - 110	P	06/07/2025	03:40	LB136052
	Silver	1180	1250	95	90 - 110	P	06/07/2025	03:40	LB136052
	Sodium	23300	25000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Thallium	4510	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Vanadium	2470	2500	99	90 - 110	P	06/07/2025	03:40	LB136052
	Zinc	2300	2500	92	90 - 110	P	06/07/2025	03:40	LB136052

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	98	70 - 130	CV	06/04/2025	15:21	LB136001
CRI01	Aluminum	98.3	100	98	65 - 135	P	06/04/2025	16:15	LB136011
	Antimony	50.4	50.0	101	65 - 135	P	06/04/2025	16:15	LB136011
	Arsenic	18.7	20.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Barium	86.6	100	87	65 - 135	P	06/04/2025	16:15	LB136011
	Beryllium	5.83	6.0	97	65 - 135	P	06/04/2025	16:15	LB136011
	Cadmium	5.99	6.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Calcium	1880	2000	94	65 - 135	P	06/04/2025	16:15	LB136011
	Chromium	10.8	10.0	108	65 - 135	P	06/04/2025	16:15	LB136011
	Cobalt	29.4	30.0	98	65 - 135	P	06/04/2025	16:15	LB136011
	Copper	22.0	20.0	110	65 - 135	P	06/04/2025	16:15	LB136011
	Iron	102	100	102	65 - 135	P	06/04/2025	16:15	LB136011
	Lead	11.2	12.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Magnesium	1930	2000	96	65 - 135	P	06/04/2025	16:15	LB136011
	Manganese	18.8	20.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Nickel	40.6	40.0	102	65 - 135	P	06/04/2025	16:15	LB136011
	Potassium	1840	2000	92	65 - 135	P	06/04/2025	16:15	LB136011
	Selenium	20.9	20.0	105	65 - 135	P	06/04/2025	16:15	LB136011
	Silver	10.0	10.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Sodium	1720	2000	86	65 - 135	P	06/04/2025	16:15	LB136011
	Thallium	38.5	40.0	96	65 - 135	P	06/04/2025	16:15	LB136011
	Vanadium	37.4	40.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Zinc	42.5	40.0	106	65 - 135	P	06/04/2025	16:15	LB136011
CRI01	Aluminum	93.4	100	93	65 - 135	P	06/05/2025	16:19	LB136035
	Antimony	50.9	50.0	102	65 - 135	P	06/05/2025	16:19	LB136035
	Arsenic	21.7	20.0	108	65 - 135	P	06/05/2025	16:19	LB136035
	Barium	86.6	100	87	65 - 135	P	06/05/2025	16:19	LB136035
	Beryllium	5.62	6.0	94	65 - 135	P	06/05/2025	16:19	LB136035
	Cadmium	5.91	6.0	98	65 - 135	P	06/05/2025	16:19	LB136035
	Calcium	1840	2000	92	65 - 135	P	06/05/2025	16:19	LB136035
	Chromium	10.3	10.0	103	65 - 135	P	06/05/2025	16:19	LB136035
	Cobalt	29.0	30.0	97	65 - 135	P	06/05/2025	16:19	LB136035
	Copper	21.2	20.0	106	65 - 135	P	06/05/2025	16:19	LB136035
	Iron	111	100	111	65 - 135	P	06/05/2025	16:19	LB136035
	Lead	13.0	12.0	108	65 - 135	P	06/05/2025	16:19	LB136035

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	Magnesium	1930	2000	97	65 - 135	P	06/05/2025	16:19	LB136035
	Manganese	18.4	20.0	92	65 - 135	P	06/05/2025	16:19	LB136035
	Nickel	38.8	40.0	97	65 - 135	P	06/05/2025	16:19	LB136035
	Potassium	2280	2000	114	65 - 135	P	06/05/2025	16:19	LB136035
	Selenium	23.1	20.0	116	65 - 135	P	06/05/2025	16:19	LB136035
	Silver	9.86	10.0	99	65 - 135	P	06/05/2025	16:19	LB136035
	Sodium	1910	2000	95	65 - 135	P	06/05/2025	16:19	LB136035
	Thallium	42.1	40.0	105	65 - 135	P	06/05/2025	16:19	LB136035
	Vanadium	35.8	40.0	90	65 - 135	P	06/05/2025	16:19	LB136035
	Zinc	44.7	40.0	112	65 - 135	P	06/05/2025	16:19	LB136035
CRA	Mercury	0.21	0.2	107	70 - 130	CV	06/06/2025	10:12	LB136036
CRI01	Aluminum	104	100	104	65 - 135	P	06/06/2025	13:37	LB136052
	Antimony	48.7	50.0	97	65 - 135	P	06/06/2025	13:37	LB136052
	Arsenic	21.3	20.0	107	65 - 135	P	06/06/2025	13:37	LB136052
	Barium	91.8	100	92	65 - 135	P	06/06/2025	13:37	LB136052
	Beryllium	5.67	6.0	94	65 - 135	P	06/06/2025	13:37	LB136052
	Cadmium	5.92	6.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Calcium	1900	2000	95	65 - 135	P	06/06/2025	13:37	LB136052
	Chromium	9.75	10.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Cobalt	29.5	30.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Copper	20.8	20.0	104	65 - 135	P	06/06/2025	13:37	LB136052
	Iron	112	100	112	65 - 135	P	06/06/2025	13:37	LB136052
	Lead	13.8	12.0	115	65 - 135	P	06/06/2025	13:37	LB136052
	Magnesium	1930	2000	96	65 - 135	P	06/06/2025	13:37	LB136052
	Manganese	18.7	20.0	93	65 - 135	P	06/06/2025	13:37	LB136052
	Nickel	39.5	40.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Potassium	2490	2000	124	65 - 135	P	06/06/2025	13:37	LB136052
	Selenium	19.7	20.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Silver	10.1	10.0	101	65 - 135	P	06/06/2025	13:37	LB136052
	Sodium	1800	2000	90	65 - 135	P	06/06/2025	13:37	LB136052
	Thallium	39.1	40.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Vanadium	36.5	40.0	91	65 - 135	P	06/06/2025	13:37	LB136052
	Zinc	45.4	40.0	113	65 - 135	P	06/06/2025	13:37	LB136052

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Antimony	-1.17			-50	50	06/04/2025	16:26	LB136011
	Arsenic	1.52			-20	20	06/04/2025	16:26	LB136011
	Barium	0.52	6.0	9	-94	106	06/04/2025	16:26	LB136011
	Beryllium	1.08			-6	6	06/04/2025	16:26	LB136011
	Cadmium	0.92	1.0	92	-5	7	06/04/2025	16:26	LB136011
	Calcium	226000	245000	92	208000	282000	06/04/2025	16:26	LB136011
	Chromium	46.0	52.0	88	42	62	06/04/2025	16:26	LB136011
	Cobalt	0.87			-30	30	06/04/2025	16:26	LB136011
	Copper	2.26	2.0	113	-18	22	06/04/2025	16:26	LB136011
	Iron	103000	101000	102	85600	116500	06/04/2025	16:26	LB136011
	Lead	-0.74			-12	12	06/04/2025	16:26	LB136011
	Magnesium	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Manganese	4.29	7.0	61	-13	27	06/04/2025	16:26	LB136011
	Nickel	2.59	2.0	130	-38	42	06/04/2025	16:26	LB136011
	Potassium	26.5			0	0	06/04/2025	16:26	LB136011
	Selenium	1.80			-20	20	06/04/2025	16:26	LB136011
	Silver	4.01			-10	10	06/04/2025	16:26	LB136011
	Sodium	-67.4			0	0	06/04/2025	16:26	LB136011
	Thallium	-0.73			-40	40	06/04/2025	16:26	LB136011
	Vanadium	4.43			-40	40	06/04/2025	16:26	LB136011
	Zinc	3.39			-40	40	06/04/2025	16:26	LB136011
ICSAB01	Aluminum	247000	247000	100	209000	285000	06/04/2025	16:32	LB136011
	Antimony	645	618	104	525	711	06/04/2025	16:32	LB136011
	Arsenic	106	104	102	88.4	120	06/04/2025	16:32	LB136011
	Barium	469	537	87	437	637	06/04/2025	16:32	LB136011
	Beryllium	484	495	98	420	570	06/04/2025	16:32	LB136011
	Cadmium	1000	972	103	826	1120	06/04/2025	16:32	LB136011
	Calcium	228000	235000	97	199000	271000	06/04/2025	16:32	LB136011
	Chromium	556	542	103	460	624	06/04/2025	16:32	LB136011
	Cobalt	510	476	107	404	548	06/04/2025	16:32	LB136011
	Copper	508	511	99	434	588	06/04/2025	16:32	LB136011
	Iron	101000	99300	102	84400	114500	06/04/2025	16:32	LB136011
	Lead	47.6	49.0	97	37	61	06/04/2025	16:32	LB136011
	Magnesium	246000	248000	99	210000	286000	06/04/2025	16:32	LB136011
	Manganese	468	507	92	430	584	06/04/2025	16:32	LB136011
	Nickel	1010	954	106	810	1100	06/04/2025	16:32	LB136011
	Potassium	22.6			0	0	06/04/2025	16:32	LB136011
	Selenium	56.4	46.0	123	26	66	06/04/2025	16:32	LB136011
	Silver	219	201	109	170	232	06/04/2025	16:32	LB136011
	Sodium	-64.1			0	0	06/04/2025	16:32	LB136011
	Thallium	95.3	108	88	68	148	06/04/2025	16:32	LB136011

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	461	491	94	417	565	06/04/2025	16:32	LB136011
	Zinc	1050	952	110	809	1095	06/04/2025	16:32	LB136011
ICSA01	Aluminum	244000	255000	96	216000	294000	06/05/2025	16:23	LB136035
	Antimony	-1.93			-50	50	06/05/2025	16:23	LB136035
	Arsenic	3.98			-20	20	06/05/2025	16:23	LB136035
	Barium	2.58	6.0	43	-94	106	06/05/2025	16:23	LB136035
	Beryllium	0.94			-6	6	06/05/2025	16:23	LB136035
	Cadmium	1.32	1.0	132	-5	7	06/05/2025	16:23	LB136035
	Calcium	230000	245000	94	208000	282000	06/05/2025	16:23	LB136035
	Chromium	48.9	52.0	94	42	62	06/05/2025	16:23	LB136035
	Cobalt	0.88			-30	30	06/05/2025	16:23	LB136035
	Copper	19.3	2.0	965	-18	22	06/05/2025	16:23	LB136035
	Iron	103000	101000	102	85600	116500	06/05/2025	16:23	LB136035
	Lead	-0.76			-12	12	06/05/2025	16:23	LB136035
	Magnesium	251000	255000	98	216000	294000	06/05/2025	16:23	LB136035
	Manganese	5.13	7.0	73	-13	27	06/05/2025	16:23	LB136035
	Nickel	2.42	2.0	121	-38	42	06/05/2025	16:23	LB136035
	Potassium	64.7			0	0	06/05/2025	16:23	LB136035
	Selenium	6.36			-20	20	06/05/2025	16:23	LB136035
	Silver	3.31			-10	10	06/05/2025	16:23	LB136035
	Sodium	12.7			0	0	06/05/2025	16:23	LB136035
	Thallium	-7.25			-40	40	06/05/2025	16:23	LB136035
	Vanadium	1.93			-40	40	06/05/2025	16:23	LB136035
	Zinc	3.94			-40	40	06/05/2025	16:23	LB136035
ICSAB01	Aluminum	224000	247000	91	209000	285000	06/05/2025	16:32	LB136035
	Antimony	648	618	105	525	711	06/05/2025	16:32	LB136035
	Arsenic	108	104	104	88.4	120	06/05/2025	16:32	LB136035
	Barium	462	537	86	437	637	06/05/2025	16:32	LB136035
	Beryllium	447	495	90	420	570	06/05/2025	16:32	LB136035
	Cadmium	1010	972	104	826	1120	06/05/2025	16:32	LB136035
	Calcium	213000	235000	91	199000	271000	06/05/2025	16:32	LB136035
	Chromium	564	542	104	460	624	06/05/2025	16:32	LB136035
	Cobalt	510	476	107	404	548	06/05/2025	16:32	LB136035
	Copper	517	511	101	434	588	06/05/2025	16:32	LB136035
	Iron	99900	99300	101	84400	114500	06/05/2025	16:32	LB136035
	Lead	48.0	49.0	98	37	61	06/05/2025	16:32	LB136035
	Magnesium	230000	248000	93	210000	286000	06/05/2025	16:32	LB136035
	Manganese	458	507	90	430	584	06/05/2025	16:32	LB136035
	Nickel	1010	954	106	810	1100	06/05/2025	16:32	LB136035
	Potassium	111			0	0	06/05/2025	16:32	LB136035
	Selenium	58.4	46.0	127	26	66	06/05/2025	16:32	LB136035
	Silver	219	201	109	170	232	06/05/2025	16:32	LB136035

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	-6.15			0	0	06/05/2025	16:32	LB136035
	Thallium	102	108	94	68	148	06/05/2025	16:32	LB136035
	Vanadium	464	491	94	417	565	06/05/2025	16:32	LB136035
	Zinc	1050	952	110	809	1095	06/05/2025	16:32	LB136035
ICSA01	Aluminum	245000	255000	96	216000	294000	06/06/2025	13:42	LB136052
	Antimony	-6.04			-50	50	06/06/2025	13:42	LB136052
	Arsenic	4.57			-20	20	06/06/2025	13:42	LB136052
	Barium	1.92	6.0	32	-94	106	06/06/2025	13:42	LB136052
	Beryllium	1.00			-6	6	06/06/2025	13:42	LB136052
	Cadmium	2.20	1.0	220	-5	7	06/06/2025	13:42	LB136052
	Calcium	223000	245000	91	208000	282000	06/06/2025	13:42	LB136052
	Chromium	45.0	52.0	86	42	62	06/06/2025	13:42	LB136052
	Cobalt	1.09			-30	30	06/06/2025	13:42	LB136052
	Copper	-6.16	2.0	308	-18	22	06/06/2025	13:42	LB136052
	Iron	90700	101000	90	85600	116500	06/06/2025	13:42	LB136052
	Lead	2.11			-12	12	06/06/2025	13:42	LB136052
	Magnesium	242000	255000	95	216000	294000	06/06/2025	13:42	LB136052
	Manganese	1.75	7.0	25	-13	27	06/06/2025	13:42	LB136052
	Nickel	2.48	2.0	124	-38	42	06/06/2025	13:42	LB136052
	Potassium	60.4			0	0	06/06/2025	13:42	LB136052
	Selenium	0.16			-20	20	06/06/2025	13:42	LB136052
	Silver	0.046			-10	10	06/06/2025	13:42	LB136052
	Sodium	9.24			0	0	06/06/2025	13:42	LB136052
	Thallium	-2.69			-40	40	06/06/2025	13:42	LB136052
	Vanadium	5.24			-40	40	06/06/2025	13:42	LB136052
	Zinc	4.89			-40	40	06/06/2025	13:42	LB136052
ICSAB01	Aluminum	250000	247000	101	209000	285000	06/06/2025	13:46	LB136052
	Antimony	617	618	100	525	711	06/06/2025	13:46	LB136052
	Arsenic	106	104	102	88.4	120	06/06/2025	13:46	LB136052
	Barium	477	537	89	437	637	06/06/2025	13:46	LB136052
	Beryllium	459	495	93	420	570	06/06/2025	13:46	LB136052
	Cadmium	970	972	100	826	1120	06/06/2025	13:46	LB136052
	Calcium	230000	235000	98	199000	271000	06/06/2025	13:46	LB136052
	Chromium	545	542	101	460	624	06/06/2025	13:46	LB136052
	Cobalt	492	476	103	404	548	06/06/2025	13:46	LB136052
	Copper	482	511	94	434	588	06/06/2025	13:46	LB136052
	Iron	104000	99300	105	84400	114500	06/06/2025	13:46	LB136052
	Lead	47.1	49.0	96	37	61	06/06/2025	13:46	LB136052
	Magnesium	246000	248000	99	210000	286000	06/06/2025	13:46	LB136052
	Manganese	461	507	91	430	584	06/06/2025	13:46	LB136052
	Nickel	972	954	102	810	1100	06/06/2025	13:46	LB136052
	Potassium	73.7			0	0	06/06/2025	13:46	LB136052

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	42.7	46.0	93	26	66	06/06/2025	13:46	LB136052
	Silver	213	201	106	170	232	06/06/2025	13:46	LB136052
	Sodium	5.90			0	0	06/06/2025	13:46	LB136052
	Thallium	93.8	108	87	68	148	06/06/2025	13:46	LB136052
	Vanadium	464	491	94	417	565	06/06/2025	13:46	LB136052
	Zinc	1030	952	108	809	1095	06/06/2025	13:46	LB136052

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Solid **sample id:** Q2195-01 **client id:** OK-01-060325MS

Percent Solids for Sample: 94.4 **Spiked ID:** Q2195-01MS **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7080		6560		96.7	546		P
Antimony	mg/Kg	75 - 125	12.8		2.46	U	38.7	33	N	P
Arsenic	mg/Kg	75 - 125	33.0		1.40		38.7	82		P
Barium	mg/Kg	75 - 125	45.7		32.7		9.7	134	N	P
Beryllium	mg/Kg	75 - 125	7.37		0.29	J	9.7	73	N	P
Cadmium	mg/Kg	75 - 125	10.8		0.70		9.7	104		P
Calcium	mg/Kg	75 - 125	3380		2630		48.4	1553		P
Chromium	mg/Kg	75 - 125	37.4		17.7		19.3	102		P
Cobalt	mg/Kg	75 - 125	21.5		10.1		9.7	118		P
Copper	mg/Kg	75 - 125	53.9		38.9		14.5	104		P
Iron	mg/Kg	75 - 125	16700		15000		150	1152		P
Lead	mg/Kg	75 - 125	53.9		4.53		48.4	102		P
Magnesium	mg/Kg	75 - 125	4380		3660		96.7	745		P
Manganese	mg/Kg	75 - 125	216		203		9.7	134		P
Mercury	mg/Kg	80 - 120	0.22		0.0090	J	0.27	79	N	CV
Nickel	mg/Kg	75 - 125	45.4		17.9		24.2	114		P
Potassium	mg/Kg	75 - 125	2560		1810		480	157	N	P
Selenium	mg/Kg	75 - 125	76.0		0.99	U	96.7	79		P
Silver	mg/Kg	75 - 125	3.77		0.77		3.6	84		P
Sodium	mg/Kg	75 - 125	217		234		150	-12	N	P
Thallium	mg/Kg	75 - 125	92.7		1.97	U	96.7	96		P
Vanadium	mg/Kg	75 - 125	39.3		26.0		14.5	92		P
Zinc	mg/Kg	75 - 125	39.5		25.8		9.7	141	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Solid **sample id:** Q2195-01 **client id:** OK-01-060325MSD

Percent Solids for Sample: 94.4 **Spiked ID:** Q2195-01MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7130		6560		92.5	620		P
Antimony	mg/Kg	75 - 125	11.4		2.46	U	37.0	31	N	P
Arsenic	mg/Kg	75 - 125	30.4		1.40		37.0	78		P
Barium	mg/Kg	75 - 125	39.3		32.7		9.3	71	N	P
Beryllium	mg/Kg	75 - 125	6.79		0.29	J	9.3	70	N	P
Cadmium	mg/Kg	75 - 125	10.0		0.70		9.3	100		P
Calcium	mg/Kg	75 - 125	2900		2630		46.3	581		P
Chromium	mg/Kg	75 - 125	31.1		17.7		18.5	72	N	P
Cobalt	mg/Kg	75 - 125	19.4		10.1		9.3	100		P
Copper	mg/Kg	75 - 125	48.8		38.9		13.9	71	N	P
Iron	mg/Kg	75 - 125	14400		15000		140	-439		P
Lead	mg/Kg	75 - 125	50.1		4.53		46.3	98		P
Magnesium	mg/Kg	75 - 125	3740		3660		92.5	90		P
Manganese	mg/Kg	75 - 125	188		203		9.3	-153		P
Mercury	mg/Kg	80 - 120	0.22		0.0090	J	0.26	82		CV
Nickel	mg/Kg	75 - 125	41.3		17.9		23.1	101		P
Potassium	mg/Kg	75 - 125	2070		1810		460	57	N	P
Selenium	mg/Kg	75 - 125	69.8		0.99	U	92.5	76		P
Silver	mg/Kg	75 - 125	3.25		0.77		3.5	71	N	P
Sodium	mg/Kg	75 - 125	253		234		140	13	N	P
Thallium	mg/Kg	75 - 125	86.7		1.97	U	92.5	94		P
Vanadium	mg/Kg	75 - 125	37.1		26.0		13.9	80		P
Zinc	mg/Kg	75 - 125	32.9		25.8		9.3	76		P

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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2198-05 **client id:** B-202-GW01MS

Percent Solids for Sample: NA **Spiked ID:** Q2198-05MS **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	29600	D	23100	D	1000	652		P
Antimony	ug/L	75 - 125	281	D	125	UD	400	70	N	P
Arsenic	ug/L	75 - 125	355	D	50.0	UD	400	87		P
Barium	ug/L	75 - 125	174	JD	68.1	JD	100	106		P
Beryllium	ug/L	75 - 125	98.5	D	15.0	UD	100	97		P
Cadmium	ug/L	75 - 125	97.6	D	15.0	UD	100	97		P
Calcium	ug/L	75 - 125	37400	D	33200	D	500	832		P
Chromium	ug/L	75 - 125	254	D	59.5	D	200	97		P
Cobalt	ug/L	75 - 125	106	D	6.74	JD	100	99		P
Copper	ug/L	75 - 125	199	D	50.5	D	150	99		P
Iron	ug/L	75 - 125	31800	D	26800	D	1500	336		P
Lead	ug/L	75 - 125	555	D	79.0	D	500	95		P
Magnesium	ug/L	75 - 125	41400	D	36300	D	1000	504		P
Manganese	ug/L	75 - 125	490	D	354	D	100	136	N	P
Nickel	ug/L	75 - 125	272	D	23.9	JD	250	99		P
Potassium	ug/L	75 - 125	37500	D	30400	D	5000	141		P
Selenium	ug/L	75 - 125	867	D	50.0	UD	1000	87		P
Silver	ug/L	75 - 125	35.9	D	25.0	UD	37.5	93		P
Sodium	ug/L	75 - 125	395000	D	367000	D	1500	1833		P
Thallium	ug/L	75 - 125	942	D	100	UD	1000	95		P
Vanadium	ug/L	75 - 125	227	D	77.0	JD	150	100		P
Zinc	ug/L	75 - 125	239	D	149	D	100	90		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2198-05 **client id:** B-202-GW01MSD

Percent Solids for Sample: NA **Spiked ID:** Q2198-05MSD **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	30200	D	23100	D	1000	710		P
Antimony	ug/L	75 - 125	285	D	125	UD	400	71	N	P
Arsenic	ug/L	75 - 125	360	D	50.0	UD	400	88		P
Barium	ug/L	75 - 125	176	JD	68.1	JD	100	107		P
Beryllium	ug/L	75 - 125	99.5	D	15.0	UD	100	98		P
Cadmium	ug/L	75 - 125	99.4	D	15.0	UD	100	99		P
Calcium	ug/L	75 - 125	37700	D	33200	D	500	886		P
Chromium	ug/L	75 - 125	265	D	59.5	D	200	103		P
Cobalt	ug/L	75 - 125	108	D	6.74	JD	100	101		P
Copper	ug/L	75 - 125	203	D	50.5	D	150	102		P
Iron	ug/L	75 - 125	34000	D	26800	D	1500	479		P
Lead	ug/L	75 - 125	568	D	79.0	D	500	98		P
Magnesium	ug/L	75 - 125	41800	D	36300	D	1000	543		P
Manganese	ug/L	75 - 125	493	D	354	D	100	138	N	P
Nickel	ug/L	75 - 125	277	D	23.9	JD	250	101		P
Potassium	ug/L	75 - 125	39800	D	30400	D	5000	189		P
Selenium	ug/L	75 - 125	873	D	50.0	UD	1000	88		P
Silver	ug/L	75 - 125	37.1	D	25.0	UD	37.5	96		P
Sodium	ug/L	75 - 125	414000	D	367000	D	1500	3103		P
Thallium	ug/L	75 - 125	946	D	100	UD	1000	95		P
Vanadium	ug/L	75 - 125	230	D	77.0	JD	150	102		P
Zinc	ug/L	75 - 125	245	D	149	D	100	96		P

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2216-02 **client id:** 3887MS

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MS **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	4.16		0.20	U	4.0	104		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2198

contract: PORT06 **lab code:** CHEM **case no.:** Q2198 **sas no.:** Q2198

matrix: Water **sample id:** Q2216-02 **client id:** 3887MSD

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MSD **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	3.65		0.20	U	4.0	91		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Level:** LOW **Client ID:** OK-01-060325A

Sample ID: Q2195-01 **Spiked ID:** Q2195-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	32.0		2.46	U	39.4	81		P
Barium	mg/Kg	75 - 125	36.9		32.7		9.90	42	N	P
Beryllium	mg/Kg	75 - 125	7.75		0.29	J	9.90	75		P
Chromium	mg/Kg	75 - 125	31.9		17.7		19.7	72	N	P
Copper	mg/Kg	75 - 125	47.9		38.9		14.8	61	N	P
Mercury	mg/Kg	80 - 120	0.30		0.0090	J	0.26	110		CV
Potassium	mg/Kg	75 - 125	2070		1810		490	54	N	P
Silver	mg/Kg	75 - 125	3.78		0.77		3.70	82		P
Sodium	mg/Kg	75 - 125	243		234		150	6	N	P
Zinc	mg/Kg	75 - 125	33.6		25.8		9.90	78		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Level:** LOW **Client ID:** B-202-GW01A

Sample ID: Q2198-05 **Spiked ID:** Q2198-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	371	D	125	UD	2000	18	N	P
Manganese	ug/L	75 - 125	440	D	354	D	500	17	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Sample ID:** Q2195-01 **Client ID:** OK-01-060325DUP

Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01DUP **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6560		5730		14		P
Antimony	mg/Kg	20	2.46	U	2.40	U			P
Arsenic	mg/Kg	20	1.40		1.22		14		P
Barium	mg/Kg	20	32.7		28.5		14		P
Beryllium	mg/Kg	20	0.29	J	0.26	J	9		P
Cadmium	mg/Kg	20	0.70		0.43		48	*	P
Calcium	mg/Kg	20	2630		2770		5		P
Chromium	mg/Kg	20	17.7		15.4		14		P
Cobalt	mg/Kg	20	10.1		8.69		15		P
Copper	mg/Kg	20	38.9		34.3		13		P
Iron	mg/Kg	20	15000		13400		11		P
Lead	mg/Kg	20	4.53		4.82		6		P
Magnesium	mg/Kg	20	3660		3330		9		P
Manganese	mg/Kg	20	203		177		14		P
Mercury	mg/Kg	20	0.0090	J	0.014	U	200.0		CV
Nickel	mg/Kg	20	17.9		15.3		16		P
Potassium	mg/Kg	20	1810		1600		12		P
Selenium	mg/Kg	20	0.99	U	0.36	J	200.0		P
Silver	mg/Kg	20	0.77		0.69		10		P
Sodium	mg/Kg	20	234		174		29	*	P
Thallium	mg/Kg	20	1.97	U	1.92	U			P
Vanadium	mg/Kg	20	26.0		24.3		7		P
Zinc	mg/Kg	20	25.8		24.1		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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Solid **Sample ID:** Q2195-01MS **Client ID:** OK-01-060325MSD

Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7080		7130		1		P
Antimony	mg/Kg	20	12.8		11.4		12		P
Arsenic	mg/Kg	20	33.0		30.4		8		P
Barium	mg/Kg	20	45.7		39.3		15		P
Beryllium	mg/Kg	20	7.37		6.79		8		P
Cadmium	mg/Kg	20	10.8		10.0		7		P
Calcium	mg/Kg	20	3380		2900		15		P
Chromium	mg/Kg	20	37.4		31.1		18		P
Cobalt	mg/Kg	20	21.5		19.4		10		P
Copper	mg/Kg	20	53.9		48.8		10		P
Iron	mg/Kg	20	16700		14400		15		P
Lead	mg/Kg	20	53.9		50.1		7		P
Magnesium	mg/Kg	20	4380		3740		16		P
Manganese	mg/Kg	20	216		188		14		P
Mercury	mg/Kg	20	0.22		0.22		0		CV
Nickel	mg/Kg	20	45.4		41.3		9		P
Potassium	mg/Kg	20	2560		2070		21	*	P
Selenium	mg/Kg	20	76.0		69.8		9		P
Silver	mg/Kg	20	3.77		3.25		15		P
Sodium	mg/Kg	20	217		253		15		P
Thallium	mg/Kg	20	92.7		86.7		7		P
Vanadium	mg/Kg	20	39.3		37.1		6		P
Zinc	mg/Kg	20	39.5		32.9		18		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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2198-05 **Client ID:** B-202-GW01DUP

Percent Solids for Sample: NA **Duplicate ID** Q2198-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	23100	D	25100	D	8		P
Antimony	ug/L	20	125	UD	125	UD			P
Arsenic	ug/L	20	50.0	UD	50.0	UD			P
Barium	ug/L	20	68.1	JD	79.7	JD	16		P
Beryllium	ug/L	20	15.0	UD	15.0	UD			P
Cadmium	ug/L	20	15.0	UD	15.0	UD			P
Calcium	ug/L	20	33200	D	36700	D	10		P
Chromium	ug/L	20	59.5	D	62.6	D	5		P
Cobalt	ug/L	20	6.74	JD	7.08	JD	5		P
Copper	ug/L	20	50.5	D	52.9	D	5		P
Iron	ug/L	20	26800	D	32400	D	19		P
Lead	ug/L	20	79.0	D	86.6	D	9		P
Magnesium	ug/L	20	36300	D	39400	D	8		P
Manganese	ug/L	20	354	D	394	D	11		P
Nickel	ug/L	20	23.9	JD	24.9	JD	4		P
Potassium	ug/L	20	30400	D	35800	D	16		P
Selenium	ug/L	20	50.0	UD	50.0	UD			P
Silver	ug/L	20	25.0	UD	25.0	UD			P
Sodium	ug/L	20	367000	D	436000	D	17		P
Thallium	ug/L	20	100	UD	100	UD			P
Vanadium	ug/L	20	77.0	JD	85.5	JD	10		P
Zinc	ug/L	20	149	D	141	D	6		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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2198-05MS **Client ID:** B-202-GW01MSD

Percent Solids for Sample: NA **Duplicate ID** Q2198-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	29600	D	30200	D	2		P
Antimony	ug/L	20	281	D	285	D	1		P
Arsenic	ug/L	20	355	D	360	D	1		P
Barium	ug/L	20	174	JD	176	JD	1		P
Beryllium	ug/L	20	98.5	D	99.5	D	1		P
Cadmium	ug/L	20	97.6	D	99.4	D	2		P
Calcium	ug/L	20	37400	D	37700	D	1		P
Chromium	ug/L	20	254	D	265	D	4		P
Cobalt	ug/L	20	106	D	108	D	2		P
Copper	ug/L	20	199	D	203	D	2		P
Iron	ug/L	20	31800	D	34000	D	7		P
Lead	ug/L	20	555	D	568	D	2		P
Magnesium	ug/L	20	41400	D	41800	D	1		P
Manganese	ug/L	20	490	D	493	D	1		P
Nickel	ug/L	20	272	D	277	D	2		P
Potassium	ug/L	20	37500	D	39800	D	6		P
Selenium	ug/L	20	867	D	873	D	1		P
Silver	ug/L	20	35.9	D	37.1	D	3		P
Sodium	ug/L	20	395000	D	414000	D	5		P
Thallium	ug/L	20	942	D	946	D	0		P
Vanadium	ug/L	20	227	D	230	D	1		P
Zinc	ug/L	20	239	D	245	D	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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2216-02 **Client ID:** 3887DUP

Percent Solids for Sample: NA **Duplicate ID** Q2216-02DUP **Percent Solids for Spike Sample:** NA

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

"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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Matrix: Water **Sample ID:** Q2216-02MS **Client ID:** 3887MSD

Percent Solids for Sample: NA **Duplicate ID** Q2216-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.16		3.65		13		CV

"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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168276BS							
Aluminum	ug/L	1000	904		90	80 - 120	P
Antimony	ug/L	400	387		97	80 - 120	P
Arsenic	ug/L	400	368		92	80 - 120	P
Barium	ug/L	100	89.5		90	80 - 120	P
Beryllium	ug/L	100	94.7		95	80 - 120	P
Cadmium	ug/L	100	93.3		93	80 - 120	P
Calcium	ug/L	500	466	J	93	80 - 120	P
Chromium	ug/L	200	190		95	80 - 120	P
Cobalt	ug/L	100	95.1		95	80 - 120	P
Copper	ug/L	150	148		99	80 - 120	P
Iron	ug/L	1500	1410		94	80 - 120	P
Lead	ug/L	500	459		92	80 - 120	P
Magnesium	ug/L	1000	925	J	92	80 - 120	P
Manganese	ug/L	100	94.5		94	80 - 120	P
Nickel	ug/L	250	237		95	80 - 120	P
Potassium	ug/L	5000	4470		89	80 - 120	P
Selenium	ug/L	1000	931		93	80 - 120	P
Silver	ug/L	37.5	34.8		93	80 - 120	P
Sodium	ug/L	1500	1310		87	80 - 120	P
Thallium	ug/L	1000	927		93	80 - 120	P
Vanadium	ug/L	150	137		91	80 - 120	P
Zinc	ug/L	100	95.4		95	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168279BS							
Aluminum	mg/Kg	100	105		105	80 - 120	P
Antimony	mg/Kg	40.0	43.8		110	80 - 120	P
Arsenic	mg/Kg	40.0	42.4		106	80 - 120	P
Barium	mg/Kg	10.0	9.98		100	80 - 120	P
Beryllium	mg/Kg	10.0	10.5		105	80 - 120	P
Cadmium	mg/Kg	10.0	10.6		106	80 - 120	P
Calcium	mg/Kg	50.0	53.4	J	107	80 - 120	P
Chromium	mg/Kg	20.0	21.9		110	80 - 120	P
Cobalt	mg/Kg	10.0	10.6		106	80 - 120	P
Copper	mg/Kg	15.0	16.6		111	80 - 120	P
Iron	mg/Kg	150	158		105	80 - 120	P
Lead	mg/Kg	50.0	52.0		104	80 - 120	P
Magnesium	mg/Kg	100	102		102	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	26.7		107	80 - 120	P
Potassium	mg/Kg	500	505		101	80 - 120	P
Selenium	mg/Kg	100	107		107	80 - 120	P
Silver	mg/Kg	3.8	3.91		103	80 - 120	P
Sodium	mg/Kg	150	147		98	80 - 120	P
Thallium	mg/Kg	100	108		108	80 - 120	P
Vanadium	mg/Kg	15.0	15.6		104	80 - 120	P
Zinc	mg/Kg	10.0	11.0		110	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168290BS							
Mercury	mg/Kg	0.26	0.23		89	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168317BS							
Mercury	ug/L	4.0	3.53		88	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-01-060325L

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

Lab Code: CHEM **Lb No.:** lb136035 **Lab Sample ID :** Q2195-01L **SDG No.:** Q2198

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	6560		7670		17		P
Antimony	2.46	U	12.3	U			P
Arsenic	1.40		1.59	J	14		P
Barium	32.7		37.8		16		P
Beryllium	0.29	J	0.36	J	26		P
Cadmium	0.70		1.48	U	100.0		P
Calcium	2630		3180		21		P
Chromium	17.7		21.9		24		P
Cobalt	10.1		9.55		6		P
Copper	38.9		46.9		21		P
Iron	15000		18100		20		P
Lead	4.53		4.58		1		P
Magnesium	3660		4320		18		P
Manganese	203		245		21		P
Mercury	0.0090	J	0.066	U	100.0		CV
Nickel	17.9		17.4		3		P
Potassium	1810		2000		11		P
Selenium	0.99	U	4.93	U			P
Silver	0.77		0.89	J	16		P
Sodium	234		250	J	7		P
Thallium	1.97	U	9.85	U			P
Vanadium	26.0		30.6		18		P
Zinc	25.8		32.7		27		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-202-GW01L

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

Lab Code: CHEM **Lb No.:** lb136011 **Lab Sample ID :** Q2198-05L **SDG No.:** Q2198

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	23100	D	23300	D	1		P
Antimony	125	UD	625	UD			P
Arsenic	50.0	UD	250	UD			P
Barium	68.1	JD	1250	UD	29		P
Beryllium	15.0	UD	75.0	UD			P
Cadmium	15.0	UD	75.0	UD			P
Calcium	33200	D	34900	D	5		P
Chromium	59.5	D	61.1	JD	3		P
Cobalt	6.74	JD	375	UD	7		P
Copper	50.5	D	250	UD	11		P
Iron	26800	D	29800	D	11		P
Lead	79.0	D	71.9	JD	9		P
Magnesium	36300	D	37200	D	2		P
Manganese	354	D	376	D	6		P
Nickel	23.9	JD	500	UD	16		P
Potassium	30400	D	31400	D	3		P
Selenium	50.0	UD	250	UD			P
Silver	25.0	UD	125	UD			P
Sodium	367000	D	394000	D	7		P
Thallium	100	UD	500	UD			P
Vanadium	77.0	JD	500	UD	13		P
Zinc	149	D	500	UD	4		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

3887L

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

Lab Code: CHEM **Lb No.:** lb136036 **Lab Sample ID :** Q2216-02L **SDG No.:** Q2198

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	0.20	U	1.00	U			CV

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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136001

Start date: 06/04/2025 **End date:** 06/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1445	HG
S0.2	S0.2	1	1448	HG
S2.5	S2.5	1	1450	HG
S5	S5	1	1452	HG
S7.5	S7.5	1	1454	HG
S10	S10	1	1457	HG
ICV27	ICV27	1	1504	HG
ICB27	ICB27	1	1506	HG
CCV01	CCV01	1	1509	HG
CCB01	CCB01	1	1514	HG
CRA	CRA	1	1521	HG
PB168290BL	PB168290BL	1	1533	HG
PB168290BS	PB168290BS	1	1538	HG
Q2195-01DUP	OK-01-060325DUP	1	1550	HG
CCV02	CCV02	1	1559	HG
CCB02	CCB02	1	1601	HG
Q2195-01MS	OK-01-060325MS	1	1604	HG
Q2195-01MSD	OK-01-060325MSD	1	1606	HG
Q2198-01	B-202-SB02	1	1608	HG
Q2198-03	B-207-SB02	1	1610	HG
Q2195-01L	OK-01-060325L	5	1620	HG
Q2195-01A	OK-01-060325A	1	1625	HG
CCV03	CCV03	1	1627	HG
CCB03	CCB03	1	1629	HG

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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136011

Start date: 06/04/2025 **End date:** 06/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1418	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	1423	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	1427	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	1431	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	1435	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	1439	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	1549	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	1606	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	1610	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	1615	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	1626	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	1632	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	1645	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	1652	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	1735	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	1739	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	1837	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	1842	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	1926	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	1930	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	2012	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	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168276BL	PB168276BL	1	2046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168276BS	PB168276BS	1	2050	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	2058	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	2102	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05	B-202-GW01	5	2107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05DUP	B-202-GW01DUP	5	2111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05L	B-202-GW01L	25	2115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05MS	B-202-GW01MS	5	2120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05MSD	B-202-GW01MSD	5	2124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-05A	B-202-GW01A	5	2128	Mn,Sb
CCV07	CCV07	1	2141	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	2145	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	2206	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	2210	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.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136035

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

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1511	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	1516	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	1520	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	1524	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	1528	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	1532	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	1555	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	1609	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	1614	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	1619	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	1623	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	1632	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	1650	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	1654	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	1746	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	1750	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	1943	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	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01DUP	OK-01-060325DUP	1	2008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01L	OK-01-060325L	5	2012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01MS	OK-01-060325MS	1	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01MSD	OK-01-060325MSD	1	2020	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2195-01A	OK-01-060325A	1	2024	Ag,Ba,Be,Cr,Cu,K,Na,Sb,Zn
CCV04	CCV04	1	2028	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	2032	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-01	B-202-SB02	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2198-03	B-207-SB02	1	2041	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	2351	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	2356	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.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136036

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

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0948	HG
S0.2	S0.2	1	0950	HG
S2.5	S2.5	1	0953	HG
S5	S5	1	0955	HG
S7.5	S7.5	1	0957	HG
S10	S10	1	1000	HG
ICV29	ICV29	1	1003	HG
ICB29	ICB29	1	1005	HG
CCV08	CCV08	1	1007	HG
CCB08	CCB08	1	1010	HG
CRA	CRA	1	1012	HG
CCV09	CCV09	1	1037	HG
CCB09	CCB09	1	1040	HG
CCV10	CCV10	1	1104	HG
CCB10	CCB10	1	1107	HG
PB168317BL	PB168317BL	1	1116	HG
PB168317BS	PB168317BS	1	1121	HG
Q2198-05	B-202-GW01	1	1125	HG
Q2216-02DUP	3887DUP	1	1132	HG
CCV11	CCV11	1	1141	HG
CCB11	CCB11	1	1143	HG
Q2216-02MS	3887MS	1	1148	HG
Q2216-02MSD	3887MSD	1	1150	HG
CCV12	CCV12	1	1206	HG
CCB12	CCB12	1	1208	HG
Q2216-02L	3887L	5	1222	HG
CCV13	CCV13	1	1233	HG
CCB13	CCB13	1	1235	HG

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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2198 **Sas no.:** Q2198 **Sdg no.:** Q2198

Instrument id number: **Method:** **Run number:** LB136052

Start date: 06/06/2025 **End date:** 06/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1250	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	1254	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	1259	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	1303	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	1307	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	1312	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	1316	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	1329	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	1333	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	1337	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	1342	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	1346	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	1405	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	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168279BL	PB168279BL	1	1413	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168279BS	PB168279BS	1	1418	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	1456	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	1500	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	1550	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	1557	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	1646	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	1651	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	1740	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	1746	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	0303	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	0307	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	0340	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	0344	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

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

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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:	Q2198	**OrderDate:**	6/3/2025 2:31:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	N22,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2198-01	**B-202-SB02**	**SOIL**			**05/31/25**			**06/03/25**
			Mercury	7471B		06/04/25	06/04/25	
			Metals ICP-TAL	6010D		06/04/25	06/05/25	
Q2198-02	**B-202-SB02**	**TCLP**			**05/31/25**			**06/03/25**
			TCLP ICP Metals	6010D		06/05/25	06/06/25	
			TCLP Mercury	7470A		06/05/25	06/06/25	
Q2198-03	**B-207-SB02**	**SOIL**			**06/01/25**			**06/03/25**
			Mercury	7471B		06/04/25	06/04/25	
			Metals ICP-TAL	6010D		06/04/25	06/05/25	
Q2198-04	**B-207-SB02**	**TCLP**			**06/01/25**			**06/03/25**
			TCLP ICP Metals	6010D		06/05/25	06/06/25	
			TCLP Mercury	7470A		06/05/25	06/06/25	
Q2198-05	**B-202-GW01**	**Water**			**05/31/25**			**06/03/25**
			Metals ICP-TAL	6010D		06/04/25	06/04/25	
			Mercury	7470A		06/05/25	06/06/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

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

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168276**						
PB168276BL	PB168276BL	MB	WATER	06/04/2025	50.0	25.0	
PB168276BS	PB168276BS	LCS	WATER	06/04/2025	50.0	25.0	
Q2198-05	B-202-GW01	SAM	WATER	06/04/2025	50.0	25.0	
Q2198-05DUP	B-202-GW01DUP	DUP	WATER	06/04/2025	50.0	25.0	
Q2198-05MS	B-202-GW01MS	MS	WATER	06/04/2025	50.0	25.0	
Q2198-05MSD	B-202-GW01MSD	MSD	WATER	06/04/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

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

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168279**						
PB168279BL	PB168279BL	MB	SOLID	06/04/2025	2.00	100.0	100.00
PB168279BS	PB168279BS	LCS	SOLID	06/04/2025	2.00	100.0	100.00
Q2195-01DUP	OK-01-060325DUP	DUP	SOLID	06/04/2025	2.21	100.0	94.40
Q2195-01MS	OK-01-060325MS	MS	SOLID	06/04/2025	2.19	100.0	94.40
Q2195-01MSD	OK-01-060325MSD	MSD	SOLID	06/04/2025	2.29	100.0	94.40
Q2198-01	B-202-SB02	SAM	SOLID	06/04/2025	2.40	100.0	71.90
Q2198-03	B-207-SB02	SAM	SOLID	06/04/2025	2.22	100.0	52.10

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

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

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168290**						
PB168290BL	PB168290BL	MB	SOLID	06/04/2025	0.55	35.0	100.00
PB168290BS	PB168290BS	LCS	SOLID	06/04/2025	0.54	35.0	100.00
Q2195-01DUP	OK-01-060325DUP	DUP	SOLID	06/04/2025	0.53	35.0	94.40
Q2195-01MS	OK-01-060325MS	MS	SOLID	06/04/2025	0.55	35.0	94.40
Q2195-01MSD	OK-01-060325MSD	MSD	SOLID	06/04/2025	0.57	35.0	94.40
Q2198-01	B-202-SB02	SAM	SOLID	06/04/2025	0.50	35.0	71.90
Q2198-03	B-207-SB02	SAM	SOLID	06/04/2025	0.52	35.0	52.10

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2198

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

Case No.: Q2198 **SAS No.:** Q2198

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168317**						
PB168317BL	PB168317BL	MB	WATER	06/05/2025	30.0	30.0	
PB168317BS	PB168317BS	LCS	WATER	06/05/2025	30.0	30.0	
Q2198-05	B-202-GW01	SAM	WATER	06/05/2025	30.0	30.0	
Q2216-02DUP	3887DUP	DUP	WATER	06/05/2025	30.0	30.0	
Q2216-02MS	3887MS	MS	WATER	06/05/2025	30.0	30.0	
Q2216-02MSD	3887MSD	MSD	WATER	06/05/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136001

Review By	jaswal	Review On	6/6/2025 7:14:38 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:15:52 PM

STD. NAME	STD REF.#
ICAL Standard	MP85879,MP85880,MP85881,MP85882,MP85883,MP85884
ICV Standard	MP85885
CCV Standard	MP85887
ICSA Standard	
CRI Standard	MP85889
LCS Standard	
Chk Standard	MP8588666666,MP858888888,MP85890,MP85866

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/04/25 14:45		MOHAN	OK
2	S0.2	S0.2	CAL2	06/04/25 14:48		MOHAN	OK
3	S2.5	S2.5	CAL3	06/04/25 14:50		MOHAN	OK
4	S5	S5	CAL4	06/04/25 14:52		MOHAN	OK
5	S7.5	S7.5	CAL5	06/04/25 14:54		MOHAN	OK
6	S10	S10	CAL6	06/04/25 14:57		MOHAN	OK
7	ICV27	ICV27	ICV	06/04/25 15:04		MOHAN	OK
8	ICB27	ICB27	ICB	06/04/25 15:06		MOHAN	OK
9	CCV01	CCV01	CCV	06/04/25 15:09		MOHAN	OK
10	CCB01	CCB01	CCB	06/04/25 15:14		MOHAN	OK
11	CRA	CRA	CRDL	06/04/25 15:21		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/04/25 15:23		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/04/25 15:28		MOHAN	OK
14	PB168290BL	PB168290BL	MB	06/04/25 15:33		MOHAN	OK
15	PB168290BS	PB168290BS	LCS	06/04/25 15:38		MOHAN	OK
16	Q2182-01	OR-03-06022025	SAM	06/04/25 15:40		MOHAN	OK
17	Q2194-01	COMP-12	SAM	06/04/25 15:43		MOHAN	OK
18	Q2194-03	COMP-13	SAM	06/04/25 15:45		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136001

Review By	jaswal	Review On	6/6/2025 7:14:38 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:15:52 PM

STD. NAME	STD REF.#
ICAL Standard	MP85879,MP85880,MP85881,MP85882,MP85883,MP85884
ICV Standard	MP85885
CCV Standard	MP85887
ICSA Standard	
CRI Standard	MP85889
LCS Standard	
Chk Standard	MP8588666666,MP858888888,MP85890,MP85866

19	Q2195-01	OK-01-060325	SAM	06/04/25 15:47		MOHAN	OK
20	Q2195-01DUP	OK-01-060325DUP	DUP	06/04/25 15:50		MOHAN	OK
21	CCV02	CCV02	CCV	06/04/25 15:59		MOHAN	OK
22	CCB02	CCB02	CCB	06/04/25 16:01		MOHAN	OK
23	Q2195-01MS	OK-01-060325MS	MS	06/04/25 16:04		MOHAN	OK
24	Q2195-01MSD	OK-01-060325MSD	MSD	06/04/25 16:06		MOHAN	OK
25	Q2198-01	B-202-SB02	SAM	06/04/25 16:08		MOHAN	OK
26	Q2198-03	B-207-SB02	SAM	06/04/25 16:10		MOHAN	OK
27	Q2199-01	ETGI-343	SAM	06/04/25 16:13		MOHAN	OK
28	Q2199-03	VNJ-231	SAM	06/04/25 16:15		MOHAN	OK
29	Q2199-05	72-11978	SAM	06/04/25 16:17		MOHAN	OK
30	Q2195-01L	OK-01-060325L	SD	06/04/25 16:20		MOHAN	OK
31	Q2195-01A	OK-01-060325A	PS	06/04/25 16:25		MOHAN	OK
32	CCV03	CCV03	CCV	06/04/25 16:27		MOHAN	OK
33	CCB03	CCB03	CCB	06/04/25 16:29		MOHAN	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/04/25 14:18		Jaswal	OK
2	S1	S1	CAL2	06/04/25 14:23		Jaswal	OK
3	S2	S2	CAL3	06/04/25 14:27		Jaswal	OK
4	S3	S3	CAL4	06/04/25 14:31		Jaswal	OK
5	S4	S4	CAL5	06/04/25 14:35		Jaswal	OK
6	S5	S5	CAL6	06/04/25 14:39		Jaswal	OK
7	ICV01	ICV01	ICV	06/04/25 15:49		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/04/25 16:06		Jaswal	OK
9	ICB01	ICB01	ICB	06/04/25 16:10		Jaswal	OK
10	CRI01	CRI01	CRDL	06/04/25 16:15		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/04/25 16:26		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/04/25 16:32		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/04/25 16:36		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/04/25 16:40		Jaswal	OK
15	CCV01	CCV01	CCV	06/04/25 16:45		Jaswal	OK
16	CCB01	CCB01	CCB	06/04/25 16:52		Jaswal	OK
17	Q2160-05	TP05-MHH-WC	SAM	06/04/25 16:57		Jaswal	OK
18	Q2159-04	TP05-MHO-WC	SAM	06/04/25 17:01		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2178-01	RT2929	SAM	06/04/25 17:05		Jaswal	OK
20	Q2182-01	OR-03-06022025	SAM	06/04/25 17:10		Jaswal	OK
21	Q2172-04	TP06-MHQ	SAM	06/04/25 17:14		Jaswal	OK
22	Q2178-02	RT2929	SAM	06/04/25 17:18		Jaswal	OK
23	Q2185-01	TP02-MHB-WC	SAM	06/04/25 17:23		Jaswal	OK
24	Q2185-05	TP01-MHA-WC	SAM	06/04/25 17:27		Jaswal	OK
25	Q2178-01DUP	RT2929DUP	DUP	06/04/25 17:31		Jaswal	OK
26	CCV02	CCV02	CCV	06/04/25 17:35		Jaswal	OK
27	CCB02	CCB02	CCB	06/04/25 17:39		Jaswal	OK
28	Q2178-01L	RT2929L	SD	06/04/25 17:48		Jaswal	OK
29	Q2178-01MS	RT2929MS	MS	06/04/25 17:53		Jaswal	OK
30	Q2178-01MSD	RT2929MSD	MSD	06/04/25 17:57		Jaswal	OK
31	Q2178-01A	RT2929A	PS	06/04/25 18:01		Jaswal	OK
32	PB168224TB	PB168224TB	MB	06/04/25 18:05		Jaswal	OK
33	Q2168-02	SAN-A1-A3	SAM	06/04/25 18:10		Jaswal	OK
34	Q2168-06	SAN-B1-B3	SAM	06/04/25 18:14		Jaswal	OK
35	Q2168-10	SAN-C1-C2	SAM	06/04/25 18:19		Jaswal	OK
36	Q2177-03	B-187-SB01	SAM	06/04/25 18:23		Jaswal	OK
37	CCV03	CCV03	CCV	06/04/25 18:37		Jaswal	OK
38	CCB03	CCB03	CCB	06/04/25 18:42		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	Q2177-05	B-187-SB02	SAM	06/04/25 18:47		Jaswal	OK
40	Q2177-07	B-202-SB01	SAM	06/04/25 18:51		Jaswal	OK
41	Q2185-04	TP02-MHB-WC	SAM	06/04/25 18:56		Jaswal	OK
42	Q2185-08	TP01-MHA-WC	SAM	06/04/25 19:00		Jaswal	OK
43	Q2185-08DUP	TP01-MHA-WC	DUP	06/04/25 19:04		Jaswal	OK
44	Q2185-08L	TP01-MHA-WC	SD	06/04/25 19:09		Jaswal	OK
45	Q2185-08MS	TP01-MHA-WCMS	MS	06/04/25 19:13		Jaswal	OK
46	Q2185-08MSD	TP01-MHA-WCMSD	MSD	06/04/25 19:17		Jaswal	OK
47	Q2185-08A	TP01-MHA-WC	PS	06/04/25 19:22		Jaswal	OK
48	CCV04	CCV04	CCV	06/04/25 19:26		Jaswal	OK
49	CCB04	CCB04	CCB	06/04/25 19:30		Jaswal	OK
50	PB168256BL	PB168256BL	MB	06/04/25 19:34		Jaswal	OK
51	PB168256BS	PB168256BS	LCS	06/04/25 19:39		Jaswal	OK
52	PB168261BL	PB168261BL	MB	06/04/25 19:43		Jaswal	OK
53	PB168261BS	PB168261BS	LCS	06/04/25 19:47		Jaswal	OK
54	PB168255BL	PB168255BL	MB	06/04/25 19:51		Jaswal	OK
55	PB168255BS	PB168255BS	LCS	06/04/25 19:55		Jaswal	OK
56	Q2169-01	303-PPR-1	SAM	06/04/25 19:59		Jaswal	OK
57	Q2169-03	303-PPR-2	SAM	06/04/25 20:03		Jaswal	OK
58	Q2175-06DL	EGR-LIQUIDDL	SAM	06/04/25 20:08	Straight 5x for all elements	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	CCV05	CCV05	CCV	06/04/25 20:12		Jaswal	OK
60	CCB05	CCB05	CCB	06/04/25 20:16		Jaswal	OK
61	Q2177-08	EB05312025	SAM	06/04/25 20:20		Jaswal	OK
62	Q2169-03DUP	303-PPR-2DUP	DUP	06/04/25 20:25		Jaswal	OK
63	Q2169-03L	303-PPR-2L	SD	06/04/25 20:29		Jaswal	OK
64	Q2169-03MS	303-PPR-2MS	MS	06/04/25 20:33		Jaswal	OK
65	Q2169-03MSD	303-PPR-2MSD	MSD	06/04/25 20:37		Jaswal	OK
66	Q2169-03A	303-PPR-2A	PS	06/04/25 20:42		Jaswal	OK
67	PB168276BL	PB168276BL	MB	06/04/25 20:46		Jaswal	OK
68	PB168276BS	PB168276BS	LCS	06/04/25 20:50		Jaswal	OK
69	Q2175-09DL	52725DL	SAM	06/04/25 20:54	Straight 5x for all elements	Jaswal	OK
70	CCV06	CCV06	CCV	06/04/25 20:58		Jaswal	OK
71	CCB06	CCB06	CCB	06/04/25 21:02		Jaswal	OK
72	Q2198-05DL	B-202-GW01DL	SAM	06/04/25 21:07	Straight 5x for all elements	Jaswal	OK
73	Q2198-05DUPDL	B-202-GW01DUPDL	DUP	06/04/25 21:11	Straight 5x for all elements	Jaswal	OK
74	Q2198-05LDL	B-202-GW01LDL	SD	06/04/25 21:15	Straight 25x for all elements	Jaswal	OK
75	Q2198-05MSDL	B-202-GW01MSDL	MS	06/04/25 21:20	Straight 5x for all elements	Jaswal	OK
76	Q2198-05MSDDL	B-202-GW01MSDDL	MSD	06/04/25 21:24	Straight 5x for all elements	Jaswal	OK
77	Q2198-05ADL	B-202-GW01ADL	PS	06/04/25 21:28	Straight 5x for all elements	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

78	Q2172-01	TP06-MHQ	SAM	06/04/25 21:32	CCV fail for Fe,K,Na	Jaswal	Not Ok
79	Q2172-01DUP	TP06-MHQDUP	DUP	06/04/25 21:37	CCV fail for Fe,K,Na	Jaswal	Not Ok
80	CCV07	CCV07	CCV	06/04/25 21:41		Jaswal	OK
81	CCB07	CCB07	CCB	06/04/25 21:45		Jaswal	OK
82	Q2172-01L	TP06-MHQL	SD	06/04/25 21:49	CCV fail for Fe,K,Na	Jaswal	Not Ok
83	Q2172-01MS	TP06-MHQMS	MS	06/04/25 21:54	CCV fail for Fe,K,Na	Jaswal	Not Ok
84	Q2172-01MSD	TP06-MHQMSD	MSD	06/04/25 21:57	CCV fail for Fe,K,Na	Jaswal	Not Ok
85	Q2172-01A	TP06-MHQA	PS	06/04/25 22:01	CCV fail for Fe,K,Na	Jaswal	Not Ok
86	CCV08	CCV08	CCV	06/04/25 22:06	CCV fail for Fe,K,Na	Jaswal	OK
87	CCB08	CCB08	CCB	06/04/25 22:10		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/05/25 15:11		Jaswal	OK
2	S1	S1	CAL2	06/05/25 15:16		Jaswal	OK
3	S2	S2	CAL3	06/05/25 15:20		Jaswal	OK
4	S3	S3	CAL4	06/05/25 15:24		Jaswal	OK
5	S4	S4	CAL5	06/05/25 15:28		Jaswal	OK
6	S5	S5	CAL6	06/05/25 15:32		Jaswal	OK
7	ICV01	ICV01	ICV	06/05/25 15:55	ICV fail for Ba,Be,Tl (200.7) (95-105)	Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/05/25 16:09		Jaswal	OK
9	ICB01	ICB01	ICB	06/05/25 16:14		Jaswal	OK
10	CRI01	CRI01	CRDL	06/05/25 16:19		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/05/25 16:23		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/05/25 16:32		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/05/25 16:40		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/05/25 16:45		Jaswal	OK
15	CCV01	CCV01	CCV	06/05/25 16:50		Jaswal	OK
16	CCB01	CCB01	CCB	06/05/25 16:54		Jaswal	OK
17	Q2205-01	001-WILLETS-PT-BL	SAM	06/05/25 16:59		Jaswal	OK
18	Q2205-02	002-35TH-AVE(MAY)	SAM	06/05/25 17:03		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2172-01	TP06-MHQ	SAM	06/05/25 17:08		Jaswal	OK
20	Q2172-01DUP	TP06-MHQDUP	DUP	06/05/25 17:12		Jaswal	OK
21	Q2172-01L	TP06-MHQL	SD	06/05/25 17:16		Jaswal	OK
22	Q2172-01A	TP06-MHQA	PS	06/05/25 17:29		Jaswal	OK
23	Q2203-01	001-WILLETS-PT-BL\	SAM	06/05/25 17:33		Jaswal	OK
24	Q2172-01MS	TP06-MHQMS	MS	06/05/25 17:37		Jaswal	OK
25	Q2172-01MSD	TP06-MHQMSD	MSD	06/05/25 17:41		Jaswal	OK
26	CCV02	CCV02	CCV	06/05/25 17:46		Jaswal	OK
27	CCB02	CCB02	CCB	06/05/25 17:50		Jaswal	OK
28	Q2203-04	002-35TH-AVE(JUNE	SAM	06/05/25 17:54		Jaswal	OK
29	Q2199-01	ETGI-343	SAM	06/05/25 17:59		Jaswal	OK
30	Q2199-03	VNJ-231	SAM	06/05/25 18:03		Jaswal	OK
31	Q2199-05	72-11978	SAM	06/05/25 18:07		Jaswal	OK
32	Q2148-02	COMP	SAM	06/05/25 19:05		Jaswal	OK
33	Q2148-02DUP	COMPDUP	DUP	06/05/25 19:09		Jaswal	OK
34	Q2148-02L	COMPL	SD	06/05/25 19:14		Jaswal	OK
35	Q2148-02MS	COMPMS	MS	06/05/25 19:18		Jaswal	OK
36	Q2148-02MSD	COMPMSD	MSD	06/05/25 19:22		Jaswal	OK
37	CCV03	CCV03	CCV	06/05/25 19:43		Jaswal	OK
38	CCB03	CCB03	CCB	06/05/25 19:47		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	Q2148-02A	COMPA	PS	06/05/25 19:52		Jaswal	OK
40	Q2194-01	COMP-12	SAM	06/05/25 19:56		Jaswal	OK
41	Q2194-03	COMP-13	SAM	06/05/25 20:00		Jaswal	OK
42	Q2195-01	OK-01-060325	SAM	06/05/25 20:04		Jaswal	OK
43	Q2195-01DUP	OK-01-060325DUP	DUP	06/05/25 20:08		Jaswal	OK
44	Q2195-01L	OK-01-060325L	SD	06/05/25 20:12		Jaswal	OK
45	Q2195-01MS	OK-01-060325MS	MS	06/05/25 20:16		Jaswal	OK
46	Q2195-01MSD	OK-01-060325MSD	MSD	06/05/25 20:20		Jaswal	OK
47	Q2195-01A	OK-01-060325A	PS	06/05/25 20:24		Jaswal	OK
48	CCV04	CCV04	CCV	06/05/25 20:28		Jaswal	OK
49	CCB04	CCB04	CCB	06/05/25 20:32		Jaswal	OK
50	Q2198-01	B-202-SB02	SAM	06/05/25 20:37		Jaswal	OK
51	Q2198-03	B-207-SB02	SAM	06/05/25 20:41		Jaswal	OK
52	PB168279BL	PB168279BL	MB	06/05/25 20:45	Not Use	Jaswal	Not Ok
53	PB168279BS	PB168279BS	LCS	06/05/25 20:49	Not Use	Jaswal	Not Ok
54	PB168291BL	PB168291BL	MB	06/05/25 20:53	Not Use	Jaswal	Not Ok
55	PB168291BS	PB168291BS	LCS	06/05/25 20:58	Not Use	Jaswal	Not Ok
56	Q2214-01	RBR251425	SAM	06/05/25 21:02		Jaswal	OK
57	Q2219-01	72-11995	SAM	06/05/25 21:06		Jaswal	OK
58	Q2224-01	EO-01-06042025	SAM	06/05/25 21:10		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136035

Review By	Janvi	Review On	6/6/2025 2:54:51 PM
Supervise By	MOHAN	Supervise On	6/6/2025 7:09:42 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	CCV05	CCV05	CCV	06/05/25 23:51		Jaswal	OK
60	CCB05	CCB05	CCB	06/05/25 23:56		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 09:48		MOHAN	OK
2	S0.2	S0.2	CAL2	06/06/25 09:50		MOHAN	OK
3	S2.5	S2.5	CAL3	06/06/25 09:53		MOHAN	OK
4	S5	S5	CAL4	06/06/25 09:55		MOHAN	OK
5	S7.5	S7.5	CAL5	06/06/25 09:57		MOHAN	OK
6	S10	S10	CAL6	06/06/25 10:00		MOHAN	OK
7	ICV29	ICV29	ICV	06/06/25 10:03		MOHAN	OK
8	ICB29	ICB29	ICB	06/06/25 10:05		MOHAN	OK
9	CCV08	CCV08	CCV	06/06/25 10:07		MOHAN	OK
10	CCB08	CCB08	CCB	06/06/25 10:10		MOHAN	OK
11	CRA	CRA	CRDL	06/06/25 10:12		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/06/25 10:14		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/06/25 10:16		MOHAN	OK
14	PB168316BL	PB168316BL	MB	06/06/25 10:19		MOHAN	OK
15	PB168316BS	PB168316BS	LCS	06/06/25 10:24		MOHAN	OK
16	Q2192-01	SB-1	SAM	06/06/25 10:26		MOHAN	OK
17	Q2194-02	COMP-12	SAM	06/06/25 10:28		MOHAN	OK
18	Q2194-04	COMP-13	SAM	06/06/25 10:31		MOHAN	OK

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Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

19	Q2198-02	B-202-SB02	SAM	06/06/25 10:33		MOHAN	OK
20	Q2198-04	B-207-SB02	SAM	06/06/25 10:35		MOHAN	OK
21	CCV09	CCV09	CCV	06/06/25 10:37		MOHAN	OK
22	CCB09	CCB09	CCB	06/06/25 10:40		MOHAN	OK
23	Q2206-04	TP-1	SAM	06/06/25 10:42		MOHAN	OK
24	Q2207-09	BU-703-COMP-01	SAM	06/06/25 10:44		MOHAN	OK
25	Q2207-18	BU-703-COMP-02	SAM	06/06/25 10:46		MOHAN	OK
26	Q2207-27	BU-703-COMP-03	SAM	06/06/25 10:49		MOHAN	OK
27	Q2207-36	BU-703-COMP-04	SAM	06/06/25 10:51		MOHAN	OK
28	Q2207-45	BU-703-COMP-05	SAM	06/06/25 10:53		MOHAN	OK
29	Q2208-09	BU-703-COMP-06	SAM	06/06/25 10:55		MOHAN	OK
30	Q2208-18	BU-703-COMP-07	SAM	06/06/25 10:58		MOHAN	OK
31	Q2208-27	BU-703-COMP-08	SAM	06/06/25 11:00		MOHAN	OK
32	Q2208-36	BU-703-COMP-09	SAM	06/06/25 11:02		MOHAN	OK
33	CCV10	CCV10	CCV	06/06/25 11:04		MOHAN	OK
34	CCB10	CCB10	CCB	06/06/25 11:07		MOHAN	OK
35	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 11:09		MOHAN	OK
36	Q2208-36MS	BU-703-COMP-09MS	MS	06/06/25 11:11		MOHAN	OK
37	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/06/25 11:14		MOHAN	OK
38	PB168317BL	PB168317BL	MB	06/06/25 11:16		MOHAN	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

39	PB168317BS	PB168317BS	LCS	06/06/25 11:21		MOHAN	OK
40	Q2175-09DL	52725DL	SAM	06/06/25 11:23	10X for Straight dilution	MOHAN	OK
41	Q2198-05	B-202-GW01	SAM	06/06/25 11:25		MOHAN	OK
42	Q2210-01	TW1	SAM	06/06/25 11:28		MOHAN	OK
43	Q2216-02	3887	SAM	06/06/25 11:30		MOHAN	OK
44	Q2216-02DUP	3887DUP	DUP	06/06/25 11:32		MOHAN	OK
45	CCV11	CCV11	CCV	06/06/25 11:41		MOHAN	OK
46	CCB11	CCB11	CCB	06/06/25 11:43		MOHAN	OK
47	Q2216-02MS	3887MS	MS	06/06/25 11:48		MOHAN	OK
48	Q2216-02MSD	3887MSD	MSD	06/06/25 11:50		MOHAN	OK
49	Q2216-03	3888	SAM	06/06/25 11:52		MOHAN	OK
50	Q2216-04	3864	SAM	06/06/25 11:55		MOHAN	OK
51	Q2216-05	3865	SAM	06/06/25 11:57		MOHAN	OK
52	Q2216-06	3851	SAM	06/06/25 11:59		MOHAN	OK
53	Q2218-03	3309	SAM	06/06/25 12:01		MOHAN	OK
54	Q2221-02	34900	SAM	06/06/25 12:04		MOHAN	OK
55	CCV12	CCV12	CCV	06/06/25 12:06		MOHAN	OK
56	CCB12	CCB12	CCB	06/06/25 12:08		MOHAN	OK
57	PB168271TB	PB168271TB	MB	06/06/25 12:11		MOHAN	OK
58	Q2208-36L	BU-703-COMP-09L	SD	06/06/25 12:13		MOHAN	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

59	Q2208-36A	BU-703-COMP-09A	PS	06/06/25 12:20		MOHAN	OK
60	Q2216-02L	3887L	SD	06/06/25 12:22		MOHAN	OK
61	Q2216-02A	3887A	PS	06/06/25 12:24		MOHAN	OK
62	CCV13	CCV13	CCV	06/06/25 12:33		MOHAN	OK
63	CCB13	CCB13	CCB	06/06/25 12:35		MOHAN	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 12:50		Jaswal	OK
2	S1	S1	CAL2	06/06/25 12:54		Jaswal	OK
3	S2	S2	CAL3	06/06/25 12:59		Jaswal	OK
4	S3	S3	CAL4	06/06/25 13:03		Jaswal	OK
5	S4	S4	CAL5	06/06/25 13:07		Jaswal	OK
6	S5	S5	CAL6	06/06/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	06/06/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/06/25 13:29		Jaswal	OK
9	ICB01	ICB01	ICB	06/06/25 13:33		Jaswal	OK
10	CRI01	CRI01	CRDL	06/06/25 13:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/06/25 13:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/06/25 13:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/06/25 13:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/06/25 13:54		Jaswal	OK
15	CCV01	CCV01	CCV	06/06/25 14:05		Jaswal	OK
16	CCB01	CCB01	CCB	06/06/25 14:09		Jaswal	OK
17	PB168279BL	PB168279BL	MB	06/06/25 14:13		Jaswal	OK
18	PB168279BS	PB168279BS	LCS	06/06/25 14:18		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	PB168284BL	PB168284BL	MB	06/06/25 14:22		Jaswal	OK
20	PB168284BS	PB168284BS	LCS	06/06/25 14:26		Jaswal	OK
21	PB168302BL	PB168302BL	MB	06/06/25 14:30		Jaswal	OK
22	PB168302BS	PB168302BS	LCS	06/06/25 14:35		Jaswal	OK
23	PB168307BL	PB168307BL	MB	06/06/25 14:39		Jaswal	OK
24	PB168307BS	PB168307BS	LCS	06/06/25 14:43		Jaswal	OK
25	Q2237-02	TW-WTS-10	SAM	06/06/25 14:47		Jaswal	OK
26	PB168291BL	PB168291BL	MB	06/06/25 14:52		Jaswal	OK
27	CCV02	CCV02	CCV	06/06/25 14:56		Jaswal	OK
28	CCB02	CCB02	CCB	06/06/25 15:00		Jaswal	OK
29	PB168291BS	PB168291BS	LCS	06/06/25 15:06		Jaswal	OK
30	PB168271TB	PB168271TB	MB	06/06/25 15:10		Jaswal	OK
31	Q2192-01	SB-1	SAM	06/06/25 15:15		Jaswal	OK
32	Q2194-02	COMP-12	SAM	06/06/25 15:19		Jaswal	OK
33	Q2194-04	COMP-13	SAM	06/06/25 15:24		Jaswal	OK
34	Q2198-02	B-202-SB02	SAM	06/06/25 15:28		Jaswal	OK
35	Q2198-04	B-207-SB02	SAM	06/06/25 15:33		Jaswal	OK
36	Q2206-04	TP-1	SAM	06/06/25 15:37		Jaswal	OK
37	Q2207-09	BU-703-COMP-01	SAM	06/06/25 15:41		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2207-18	BU-703-COMP-02	SAM	06/06/25 15:46		Jaswal	OK
39	CCV03	CCV03	CCV	06/06/25 15:50		Jaswal	OK
40	CCB03	CCB03	CCB	06/06/25 15:57		Jaswal	OK
41	Q2207-27	BU-703-COMP-03	SAM	06/06/25 16:01		Jaswal	OK
42	Q2207-36	BU-703-COMP-04	SAM	06/06/25 16:10		Jaswal	OK
43	Q2207-45	BU-703-COMP-05	SAM	06/06/25 16:15		Jaswal	OK
44	Q2208-09	BU-703-COMP-06	SAM	06/06/25 16:19		Jaswal	OK
45	Q2208-18	BU-703-COMP-07	SAM	06/06/25 16:24		Jaswal	OK
46	Q2208-27	BU-703-COMP-08	SAM	06/06/25 16:28		Jaswal	OK
47	Q2208-36	BU-703-COMP-09	SAM	06/06/25 16:33	Not Use	Jaswal	Not Ok
48	Q2206-01	TP-1	SAM	06/06/25 16:37		Jaswal	OK
49	Q2207-01	BU-703-COMP-01	SAM	06/06/25 16:41		Jaswal	OK
50	CCV04	CCV04	CCV	06/06/25 16:46		Jaswal	OK
51	CCB04	CCB04	CCB	06/06/25 16:51		Jaswal	OK
52	Q2207-10	BU-703-COMP-02	SAM	06/06/25 16:55		Jaswal	OK
53	Q2207-19	BU-703-COMP-03	SAM	06/06/25 16:59		Jaswal	OK
54	Q2207-28	BU-703-COMP-04	SAM	06/06/25 17:03		Jaswal	OK
55	Q2207-37	BU-703-COMP-05	SAM	06/06/25 17:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	Q2208-01	BU-703-COMP-06	SAM	06/06/25 17:15		Jaswal	OK
57	Q2208-10	BU-703-COMP-07	SAM	06/06/25 17:19		Jaswal	OK
58	Q2208-19	BU-703-COMP-08	SAM	06/06/25 17:23		Jaswal	OK
59	Q2208-28	BU-703-COMP-09	SAM	06/06/25 17:28		Jaswal	OK
60	Q2218-01	72-11934	SAM	06/06/25 17:32		Jaswal	OK
61	Q2218-03DL	3309DL	SAM	06/06/25 17:36	Test not on log in page	Jaswal	Not Ok
62	CCV05	CCV05	CCV	06/06/25 17:40		Jaswal	OK
63	CCB05	CCB05	CCB	06/06/25 17:46		Jaswal	OK
64	Q2223-01	HR-01-06042025	SAM	06/06/25 17:51	CCV06 Fail For Many parameters	Jaswal	Not Ok
65	Q2223-03	HR-04-06042025	SAM	06/06/25 17:55	CCV06 Fail For Many parameters	Jaswal	Not Ok
66	Q2225-01	SU-03-06042025	SAM	06/06/25 17:59	CCV06 Fail For Many parameters	Jaswal	Not Ok
67	Q2226-01	TP06-MHI-WC	SAM	06/06/25 18:03	CCV06 Fail For Many parameters	Jaswal	Not Ok
68	Q2227-01	TP07-MHH-WC	SAM	06/06/25 18:07	CCV06 Fail For Many parameters	Jaswal	Not Ok
69	Q2228-01	TP08-MHI-WC	SAM	06/06/25 19:31	CCV06 Fail For Many parameters	Jaswal	Not Ok
70	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 22:54	CCV06 Fail For Many parameters	Jaswal	Not Ok
71	Q2208-36L	BU-703-COMP-09L	SD	06/07/25 01:22	CCV06 Fail For Many parameters	Jaswal	Not Ok
72	Q2208-36MS	BU-703-COMP-09MS	MS	06/07/25 02:54	CCV06 Fail For Many parameters	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

73	CCV06	CCV06	CCV	06/07/25 03:03		Jaswal	OK
74	CCB06	CCB06	CCB	06/07/25 03:07		Jaswal	OK
75	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/07/25 03:11	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
76	Q2208-36A	BU-703-COMP-09A	PS	06/07/25 03:15	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
77	Q2226-01DUP	TP06-MHI-WCDUP	DUP	06/07/25 03:20	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
78	Q2226-01L	TP06-MHI-WCL	SD	06/07/25 03:24	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
79	Q2226-01MS	TP06-MHI-WCMS	MS	06/07/25 03:28	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
80	Q2226-01MSD	TP06-MHI-WCMSD	MSD	06/07/25 03:32	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
81	Q2226-01A	TP06-MHI-WCA	PS	06/07/25 03:36	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
82	CCV07	CCV07	CCV	06/07/25 03:40		Jaswal	OK
83	CCB07	CCB07	CCB	06/07/25 03:44		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168276

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: 06/04/2025 **Time :** 10:14 **Temp :** 96 °C

End Digest Date: 06/04/2025 **Time :** 13:20 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: GJS.

Supervisor Signature: GSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
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 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/04/25 14:20	SKS. met dig	GSP / Met Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168276

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168276BL	PBW276	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168276BS	LCS276	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	2
Q2175-09	52725	<2	50	25	Black	ligh Btrown	Cloudy	Clear	N/A	3
Q2198-05	B-202-GW01	<2	50	25	Brown	light Brown	Cloudy	Clear	N/A	4
Q2198-05MS	B-202-GW01MS	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	M6007,M6016	6
Q2198-05MSD	B-202-GW01MSD	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	M6007,M6016	7
Q2198-05DUP	B-202-GW01DUP	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	N/A	5

A
B
C
D
E
F
G
H
I
J

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168279

SOP ID : M3050B-Digestion-20

SDG No : N/A

Start Digest Date: 06/04/2025 **Time :** 10:20 **Temp :** 96 °C

Matrix : SOIL

End Digest Date: 06/04/2025 **Time :** 12:25 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. #3

Filter paper ID : N/A

Dig Technician Signature: SLD

pH Strip ID : N/A

Supervisor Signature: JSP

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

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

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	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	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
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
06/04/25 13:25	SLD met.dig	JSP / Met lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168279

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168279BL	PBS279	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168279BS	LCS279	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2194-01	COMP-12	N/A	2.41	100	Brown	Yellow	Medium	N/A	N/A	3
Q2194-03	COMP-13	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	4
Q2195-01	OK-01-060325	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	5
Q2195-01MS	OK-01-060325MS	N/A	2.19	100	Brown	Yellow	Medium	N/A	M6007,M6016	7
Q2195-01MSD	OK-01-060325MSD	N/A	2.29	100	Brown	Yellow	Medium	N/A	M6007,M6016	8
Q2195-01DUP	OK-01-060325DUP	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	6
Q2198-01	B-202-SB02	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	9
Q2198-03	B-207-SB~~01~~ 02	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	10
Q2199-01	ETGI-343	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	11
Q2199-03	VNJ-231	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	12
Q2199-05	72-11978	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	13

SJ
06/11/25

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168290

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: 06/04/2025 **Time :** 09:25 **Temp :** 94 °C

End Digest Date: 06/04/2025 **Time :** 09:55 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85885
CCV	30mL	MP85887
CRA	30mL	MP85889
Blank Spike	0.48mL	MP85878
Matrix Spike	0.48mL	MP85878

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85891
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
PTFE Boiling Stones	----------	M5582
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	MP85879
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85880
2.5 ppb	S2.5	30mL	MP85881
5.0 ppb	S5.0	30mL	MP85882
7.5 ppb	S7.5	30mL	MP85883
10.0 ppb	S10.0	30mL	MP85884
ICV	ICV	30mL	MP85885
ICB	ICB	30mL	MP85886
CCV	CCV	30mL	MP85887
CCB	CCB	30mL	MP85888
CRI	CRI	30mL	MP85889
CHK STD	CHK STD	30mL	MP85890

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/04/25 / 10:35	HG- Dig. Lab	
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168290

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168290BL	PBS290	0.55	35	NA	N/A	3-1
PB168290BS	LCS290	0.54	35	NA	MP85878	2
Q2182-01	OR-03-06022025	0.54	35	NA	N/A	3
Q2194-01	COMP-12	0.57	35	NA	N/A	4
Q2194-03	COMP-13	0.58	35	NA	N/A	5
Q2195-01	OK-01-060325	0.56	35	NA	N/A	6
Q2195-01DUP	OK-01-060325DUP	0.53	35	NA	N/A	7
Q2195-01MS	OK-01-060325MS	0.55	35	NA	MP85878	8
Q2195-01MSD	OK-01-060325MSD	0.57	35	NA	MP85878	9
Q2198-01	B-202-SB02	0.5	35	NA	N/A	10
Q2198-03	B-207-SB~~01~~02	0.52	35	NA	N/A	11
Q2199-01	ETGI-343	0.52	35	NA	N/A	12
Q2199-03	VNJ-231	0.50	35	NA	N/A	13
Q2199-05	72-11978	0.55	35	NA	N/A	14

MB
06/11/25

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

SOP ID : M7470A-Mercury-20

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: 06/05/2025 **Time :** 14:05 **Temp :** 94 °C

End Digest Date: ~~05/29/2025~~ 06/05/2025 **Time :** 16:05 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: JZ

Temp : 1. 94°C 2. N/A

MB
06/11/25

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85905
CCV	30mL	MP85907
CRA	30mL	MP85909
Blank Spike	0.48mL	MP85898
Matrix Spike	0.48mL	MP85898

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	MP85899
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85900
2.5 ppb	S2.5	30mL	MP85901
5.0 ppb	S5.0	30mL	MP85902
7.5 ppb	S7.5	30mL	MP85903
10.0 ppb	S10.0	30mL	MP85904
ICV	ICV	30mL	MP85905
ICB	ICB	30mL	MP85906
CCV	CCV	30mL	MP85907
CCB	CCB	30mL	MP85908
CRI	CRI	30mL	MP85909
CHK STD	CHK STD	30mL	MP85910

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/5/25 @ 16:40	DG - DT3 : Lab	MB - Metal Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168317BL	PBW317	30	30	<2	N/A	3-24
PB168317BS	LCS317	30	30	<2	MP85898	25
Q2175-09	52725	30	30	<2	N/A	26
Q2198-05	B-202-GW01	30	30	<2	N/A	27
Q2210-01	TW1	30	30	<2	N/A	28
Q2216-02	3887	30	30	<2	N/A	29
Q2216-02DUP	3887DUP	30	30	<2	N/A	30
Q2216-02MS	3887MS	30	30	<2	MP85898	31
Q2216-02MSD	3887MSD	30	30	<2	MP85898	32
Q2216-03	3888	30	30	<2	N/A	33
Q2216-04	3864	30	30	<2	N/A	34
Q2216-05	3865	30	30	<2	N/A	35
Q2216-06	3851	30	30	<2	N/A	36
Q2218-03	3309	30	30	<2	N/A	37
Q2221-02	34900	30	30	<2	N/A	38