

Hit Summary Sheet SW-846

SDG No.: Q2303 **Order ID:** Q2303
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-165-SB01								
Q2303-01	B-165-SB01	SOIL	Aluminum	7950		0.87	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Antimony	1.38	J	0.23	2.60	mg/Kg
Q2303-01	B-165-SB01	SOIL	Arsenic	4.45		0.20	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Barium	130		0.76	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Beryllium	0.57		0.026	0.31	mg/Kg
Q2303-01	B-165-SB01	SOIL	Cadmium	0.080	J	0.025	0.31	mg/Kg
Q2303-01	B-165-SB01	SOIL	Calcium	59800		11.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Chromium	14.9		0.049	0.52	mg/Kg
Q2303-01	B-165-SB01	SOIL	Cobalt	7.88		0.10	1.56	mg/Kg
Q2303-01	B-165-SB01	SOIL	Copper	22.2		0.23	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Iron	13000		4.15	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Lead	70.7		0.14	0.62	mg/Kg
Q2303-01	B-165-SB01	SOIL	Magnesium	8960		12.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Manganese	231		0.15	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Mercury	0.23		0.0090	0.016	mg/Kg
Q2303-01	B-165-SB01	SOIL	Nickel	19.3		0.14	2.08	mg/Kg
Q2303-01	B-165-SB01	SOIL	Potassium	1050		28.8	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Selenium	0.94	J	0.27	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Silver	0.55		0.13	0.52	mg/Kg
Q2303-01	B-165-SB01	SOIL	Sodium	422		18.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Vanadium	25.5		0.26	2.08	mg/Kg
Q2303-01	B-165-SB01	SOIL	Zinc	88.1		0.11	2.08	mg/Kg
Client ID : B-170-SB03								
Q2303-02	B-170-SB03	SOIL	Aluminum	4040		0.82	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Antimony	1.33	J	0.22	2.44	mg/Kg
Q2303-02	B-170-SB03	SOIL	Arsenic	3.28		0.19	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Barium	67.5		0.71	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Beryllium	0.36		0.024	0.29	mg/Kg
Q2303-02	B-170-SB03	SOIL	Calcium	9840		10.8	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Chromium	14.4		0.046	0.49	mg/Kg
Q2303-02	B-170-SB03	SOIL	Cobalt	5.81		0.098	1.46	mg/Kg
Q2303-02	B-170-SB03	SOIL	Copper	19.8		0.22	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Iron	10500		3.90	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Lead	168		0.13	0.59	mg/Kg
Q2303-02	B-170-SB03	SOIL	Magnesium	2640		11.7	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Manganese	269		0.14	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Mercury	0.90	D	0.015	0.026	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2303

Order ID: Q2303

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2303-02	B-170-SB03	SOIL	Nickel	15.6		0.13	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Potassium	701		27.0	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Selenium	1.13		0.25	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Silver	3.24		0.12	0.49	mg/Kg
Q2303-02	B-170-SB03	SOIL	Sodium	114		17.4	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Thallium	0.36	J	0.23	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Vanadium	11.5		0.24	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Zinc	72.8		0.11	1.95	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7950		1	0.87	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-36-0	Antimony	1.38	JN	1	0.23	2.60	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-38-2	Arsenic	4.45		1	0.20	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-39-3	Barium	130		1	0.76	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.026	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-43-9	Cadmium	0.080	J	1	0.025	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-70-2	Calcium	59800		1	11.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-47-3	Chromium	14.9	N	1	0.049	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-48-4	Cobalt	7.88		1	0.10	1.56	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-50-8	Copper	22.2	N	1	0.23	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-89-6	Iron	13000		1	4.15	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-92-1	Lead	70.7		1	0.14	0.62	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-95-4	Magnesium	8960		1	12.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-96-5	Manganese	231		1	0.15	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-97-6	Mercury	0.23		1	0.0090	0.016	mg/Kg	06/13/25 16:00	06/16/25 13:15	7471B	
7440-02-0	Nickel	19.3		1	0.14	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-09-7	Potassium	1050	N	1	28.8	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7782-49-2	Selenium	0.94	JN	1	0.27	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-22-4	Silver	0.55	N	1	0.13	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-23-5	Sodium	422		1	18.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-62-2	Vanadium	25.5	N	1	0.26	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-66-6	Zinc	88.1	N	1	0.11	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4040		1	0.82	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-36-0	Antimony	1.33	JN	1	0.22	2.44	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-38-2	Arsenic	3.28		1	0.19	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-39-3	Barium	67.5		1	0.71	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.024	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-70-2	Calcium	9840		1	10.8	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-47-3	Chromium	14.4	N	1	0.046	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-48-4	Cobalt	5.81		1	0.098	1.46	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-50-8	Copper	19.8	N	1	0.22	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-89-6	Iron	10500		1	3.90	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-92-1	Lead	168		1	0.13	0.59	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-95-4	Magnesium	2640		1	11.7	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-96-5	Manganese	269		1	0.14	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-97-6	Mercury	0.90	D	2	0.015	0.026	mg/Kg	06/13/25 16:00	06/16/25 13:54	7471B	
7440-02-0	Nickel	15.6		1	0.13	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-09-7	Potassium	701	N	1	27.0	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7782-49-2	Selenium	1.13	N	1	0.25	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-22-4	Silver	3.24	N	1	0.12	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-23-5	Sodium	114		1	17.4	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-28-0	Thallium	0.36	J	1	0.23	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-62-2	Vanadium	11.5	N	1	0.24	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-66-6	Zinc	72.8	N	1	0.11	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	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



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Portal Partners Tri-Venture				SDG No.:	Q2303				
Contract:	PORT06	Lab Code:	CHEM		Case No.:	Q2303		SAS No.:	Q2303	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB39	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	12:54	LB136159	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB45	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	12:58	LB136159
CCB46	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	13:33	LB136159
CCB47	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	13:52	LB136159
CCB48	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	14:14	LB136159

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	39.0	+/-50	J	100	P	06/16/2025	14:49	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	14:49	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	14:49	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	14:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	14:49	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	14:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Iron	49.2	+/-50	J	100	P	06/16/2025	14:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	14:49	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	14:49	lb136164

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	45.3	+/-50	J	100	P	06/16/2025	15:30	lb136164
	Antimony	7.24	+/-25	J	50.0	P	06/16/2025	15:30	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	15:30	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	15:30	lb136164
	Cadmium	1.35	+/-3	J	6.00	P	06/16/2025	15:30	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	15:30	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Iron	26.0	+/-50	J	100	P	06/16/2025	15:30	lb136164
	Lead	3.27	+/-6	J	12.0	P	06/16/2025	15:30	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	15:30	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Thallium	4.48	+/-20	J	40.0	P	06/16/2025	15:30	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	15:30	lb136164
	Zinc	5.12	+/-20	J	40.0	P	06/16/2025	15:30	lb136164
CCB02	Aluminum	11.3	+/-50	U	100	P	06/16/2025	16:34	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	16:34	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	16:34	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	16:34	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	16:34	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	16:34	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	16:34	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Iron	37.5	+/-50	J	100	P	06/16/2025	16:34	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	16:34	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	16:34	lb136164

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/16/2025	16:34	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
CCB03	Aluminum	11.3	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	17:49	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	17:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	17:49	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	17:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	17:49	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
CCB04	Aluminum	22.0	+/-50	J	100	P	06/16/2025	18:33	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	18:33	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	18:33	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	18:33	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	18:33	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	18:33	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	18:33	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	18:33	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	18:33	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/16/2025	18:33	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	18:33	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
CCB05	Aluminum	11.3	+/-50	U	100	P	06/16/2025	19:21	lb136164
	Antimony	12.3	+/-25	J	50.0	P	06/16/2025	19:21	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	19:21	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	19:21	lb136164
	Cadmium	3.56	+/-3	J*	6.00	P	06/16/2025	19:21	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Cobalt	3.66	+/-15	J	30.0	P	06/16/2025	19:21	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Iron	23.5	+/-50	J	100	P	06/16/2025	19:21	lb136164
	Lead	5.87	+/-6	J	12.0	P	06/16/2025	19:21	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Nickel	3.47	+/-20	J	40.0	P	06/16/2025	19:21	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Thallium	7.90	+/-20	J	40.0	P	06/16/2025	19:21	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	19:21	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	19:21	lb136164
CCB06	Aluminum	11.3	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	20:08	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	20:08	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:08	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	20:08	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/16/2025	20:08	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	20:08	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:08	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:08	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
CCB07	Aluminum	11.3	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	20:56	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	20:56	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:56	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	20:56	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:56	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
CCB08	Aluminum	11.3	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	21:18	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	06/16/2025	21:18	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	21:18	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	21:18	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	21:18	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	21:18	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	21:18	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	06/17/2025	12:46	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	12:46	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	12:46	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	12:46	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	12:46	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	12:46	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	12:46	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Iron	38.5	+/-50	J	100	P	06/17/2025	12:46	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	12:46	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	12:46	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	12:46	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/17/2025	13:48	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	13:48	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	13:48	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	13:48	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	13:48	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	13:48	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	13:48	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	13:48	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	13:48	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	13:48	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
	Vanadium	7.99	+/-20	J	40.0	P	06/17/2025	13:48	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
CCB02	Aluminum	11.3	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	14:50	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	14:50	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	14:50	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	14:50	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	14:50	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	14:50	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	14:50	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/17/2025	14:50	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
CCB03	Aluminum	11.3	+/-50	U	100	P	06/17/2025	15:42	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	15:42	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	15:42	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	15:42	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	15:42	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	15:42	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	15:42	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Iron	27.5	+/-50	J	100	P	06/17/2025	15:42	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	15:42	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	15:42	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
	Vanadium	7.56	+/-20	J	40.0	P	06/17/2025	15:42	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
CCB04	Aluminum	11.3	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	16:34	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	16:34	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	16:34	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	16:34	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	16:34	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	16:34	LB136187

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Client:	Portal Partners Tri-Venture			SDG No.:	Q2303
Contract:	PORT06	Lab Code:	CHEM	Case No.:	Q2303
				SAS No.:	Q2303

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	06/17/2025	16:34	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	16:34	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
CCB05	Aluminum	19.3	+/-50	J	100	P	06/17/2025	17:41	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	17:41	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	17:41	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	17:41	LB136187
	Cadmium	1.06	+/-3	J	6.00	P	06/17/2025	17:41	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	17:41	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	17:41	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	17:41	LB136187
	Lead	2.94	+/-6	J	12.0	P	06/17/2025	17:41	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	17:41	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	17:41	LB136187	
Zinc	3.50	+/-20	U	40.0	P	06/17/2025	17:41	LB136187	
CCB06	Aluminum	11.3	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	18:42	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	18:42	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	18:42	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	18:42	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2303							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2303	SAS No.: Q2303						
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	06/17/2025	18:42	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	18:42	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	18:42	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	18:42	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
	Vanadium	12.6	+/-20	J	40.0	P	06/17/2025	18:42	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
CCB07	Aluminum	11.3	+/-50	U	100	P	06/17/2025	19:30	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	19:30	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	19:30	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	19:30	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	19:30	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	19:30	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	19:30	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Iron	27.8	+/-50	J	100	P	06/17/2025	19:30	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	19:30	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	19:30	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
	Vanadium	9.70	+/-20	J	40.0	P	06/17/2025	19:30	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
CCB08	Aluminum	31.0	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	20:22	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	06/17/2025	20:22	LB136187
	Barium	37.6	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	20:22	LB136187
	Cadmium	2.24	+/-3	J	6.00	P	06/17/2025	20:22	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	20:22	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	20:22	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	20:22	LB136187
	Iron	41.7	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Lead	4.53	+/-6	J	12.0	P	06/17/2025	20:22	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Manganese	9.42	+/-10	J	20.0	P	06/17/2025	20:22	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	20:22	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	20:22	LB136187
	Silver	2.69	+/-5	J	10.0	P	06/17/2025	20:22	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Thallium	6.25	+/-20	J	40.0	P	06/17/2025	20:22	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	20:22	LB136187
	Zinc	4.70	+/-20	J	40.0	P	06/17/2025	20:22	LB136187

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168482BL		SOLID		Batch Number:	PB168482		Prep Date:	06/13/2025	
	Mercury	0.0080	<0.013	U	0.013	CV	06/16/2025	13:08	LB136159

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Instrument: P5

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168472BL	SOLID			Batch Number:	PB168472		Prep Date:	06/13/2025	
	Aluminum	0.84	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Antimony	0.22	<1.25	U	2.50	P	06/16/2025	16:44	lb136164
	Arsenic	0.19	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Barium	0.73	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Beryllium	0.025	<0.15	U	0.30	P	06/16/2025	16:44	lb136164
	Cadmium	0.024	<0.15	U	0.30	P	06/16/2025	16:44	lb136164
	Calcium	11.1	<50	U	100	P	06/16/2025	16:44	lb136164
	Chromium	0.068	<0.25	J	0.50	P	06/16/2025	16:44	lb136164
	Cobalt	0.10	<0.75	U	1.50	P	06/16/2025	16:44	lb136164
	Copper	0.22	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Iron	3.99	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Lead	0.13	<0.3	U	0.60	P	06/16/2025	16:44	lb136164
	Magnesium	12.0	<50	U	100	P	06/16/2025	16:44	lb136164
	Manganese	0.14	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Nickel	0.13	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Potassium	27.7	<50	U	100	P	06/16/2025	16:44	lb136164
	Selenium	0.26	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Silver	0.12	<0.25	U	0.50	P	06/16/2025	16:44	lb136164
	Sodium	17.8	<50	U	100	P	06/16/2025	16:44	lb136164
	Thallium	0.23	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Vanadium	0.25	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Zinc	0.17	<1	J	2.00	P	06/16/2025	16:44	lb136164



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
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
ICV39	Mercury	3.96	4.0	99	90 - 110	CV	06/16/2025	12:52	LB136159

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
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
CCV45	Mercury	5.20	5.0	104	90 - 110	CV	06/16/2025	12:56	LB136159
CCV46	Mercury	4.96	5.0	99	90 - 110	CV	06/16/2025	13:30	LB136159
CCV47	Mercury	5.00	5.0	100	90 - 110	CV	06/16/2025	13:49	LB136159
CCV48	Mercury	5.04	5.0	101	90 - 110	CV	06/16/2025	14:11	LB136159

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
 Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
 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	7940	8000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Antimony	4090	4000	102	90 - 110	P	06/16/2025	14:03	lb136164
	Arsenic	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Barium	7830	8000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Beryllium	203	200	102	90 - 110	P	06/16/2025	14:03	lb136164
	Cadmium	1950	2000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Calcium	19700	20000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Chromium	812	800	102	90 - 110	P	06/16/2025	14:03	lb136164
	Cobalt	1970	2000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Copper	1030	1000	103	90 - 110	P	06/16/2025	14:03	lb136164
	Iron	3880	4000	97	90 - 110	P	06/16/2025	14:03	lb136164
	Lead	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Magnesium	19600	20000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Manganese	1950	2000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Nickel	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Potassium	20300	20000	102	90 - 110	P	06/16/2025	14:03	lb136164
	Selenium	3940	4000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Silver	963	1000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Sodium	20200	20000	101	90 - 110	P	06/16/2025	14:03	lb136164
	Thallium	4040	4000	101	90 - 110	P	06/16/2025	14:03	lb136164
	Vanadium	1940	2000	97	90 - 110	P	06/16/2025	14:03	lb136164
	Zinc	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	116	100	116	80 - 120	P	06/16/2025	14:42	lb136164
	Antimony	53.4	50.0	107	80 - 120	P	06/16/2025	14:42	lb136164
	Arsenic	16.6	20.0	83	80 - 120	P	06/16/2025	14:42	lb136164
	Barium	101	100	101	80 - 120	P	06/16/2025	14:42	lb136164
	Beryllium	6.39	6.0	106	80 - 120	P	06/16/2025	14:42	lb136164
	Cadmium	5.68	6.0	95	80 - 120	P	06/16/2025	14:42	lb136164
	Calcium	2050	2000	103	80 - 120	P	06/16/2025	14:42	lb136164
	Chromium	9.87	10.0	99	80 - 120	P	06/16/2025	14:42	lb136164
	Cobalt	30.1	30.0	100	80 - 120	P	06/16/2025	14:42	lb136164
	Copper	22.6	20.0	113	80 - 120	P	06/16/2025	14:42	lb136164
	Iron	101	100	101	80 - 120	P	06/16/2025	14:42	lb136164
	Lead	12.5	12.0	104	80 - 120	P	06/16/2025	14:42	lb136164
	Magnesium	2090	2000	105	80 - 120	P	06/16/2025	14:42	lb136164
	Manganese	20.8	20.0	104	80 - 120	P	06/16/2025	14:42	lb136164
	Nickel	39.0	40.0	98	80 - 120	P	06/16/2025	14:42	lb136164
	Potassium	1620	2000	81	80 - 120	P	06/16/2025	14:42	lb136164
	Selenium	18.6	20.0	93	80 - 120	P	06/16/2025	14:42	lb136164
	Silver	10.8	10.0	108	80 - 120	P	06/16/2025	14:42	lb136164
	Sodium	1840	2000	92	80 - 120	P	06/16/2025	14:42	lb136164
	Thallium	37.2	40.0	93	80 - 120	P	06/16/2025	14:42	lb136164
	Vanadium	41.0	40.0	103	80 - 120	P	06/16/2025	14:42	lb136164
	Zinc	41.4	40.0	104	80 - 120	P	06/16/2025	14:42	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
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	10400	10000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Antimony	5180	5000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Arsenic	5140	5000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Barium	10300	10000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Beryllium	262	250	105	90 - 110	P	06/16/2025	15:26	lb136164
	Cadmium	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Calcium	26100	25000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Chromium	1050	1000	105	90 - 110	P	06/16/2025	15:26	lb136164
	Cobalt	2560	2500	102	90 - 110	P	06/16/2025	15:26	lb136164
	Copper	1300	1250	104	90 - 110	P	06/16/2025	15:26	lb136164
	Iron	5140	5000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Lead	5100	5000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Magnesium	25400	25000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Manganese	2570	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Nickel	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Potassium	25300	25000	101	90 - 110	P	06/16/2025	15:26	lb136164
	Selenium	5180	5000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Silver	1320	1250	106	90 - 110	P	06/16/2025	15:26	lb136164
	Sodium	25600	25000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Thallium	5260	5000	105	90 - 110	P	06/16/2025	15:26	lb136164
	Vanadium	2560	2500	102	90 - 110	P	06/16/2025	15:26	lb136164
	Zinc	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
CCV02	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Antimony	5070	5000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Arsenic	5040	5000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Beryllium	260	250	104	90 - 110	P	06/16/2025	16:29	lb136164
	Cadmium	2520	2500	101	90 - 110	P	06/16/2025	16:29	lb136164
	Calcium	25500	25000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Cobalt	2500	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	16:29	lb136164
	Iron	4960	5000	99	90 - 110	P	06/16/2025	16:29	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	16:29	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
 Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
 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	24800	25000	99	90 - 110	P	06/16/2025	16:29	lb136164
	Manganese	2490	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Potassium	25100	25000	100	90 - 110	P	06/16/2025	16:29	lb136164
	Selenium	5090	5000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	16:29	lb136164
	Sodium	25500	25000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Thallium	5110	5000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Vanadium	2490	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Zinc	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
CCV03	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Antimony	5060	5000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Arsenic	5060	5000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Beryllium	258	250	103	90 - 110	P	06/16/2025	17:31	lb136164
	Cadmium	2530	2500	101	90 - 110	P	06/16/2025	17:31	lb136164
	Calcium	25300	25000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Chromium	1010	1000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Cobalt	2510	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Copper	1280	1250	102	90 - 110	P	06/16/2025	17:31	lb136164
	Iron	4950	5000	99	90 - 110	P	06/16/2025	17:31	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	17:31	lb136164
	Magnesium	25000	25000	100	90 - 110	P	06/16/2025	17:31	lb136164
	Manganese	2480	2500	99	90 - 110	P	06/16/2025	17:31	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Potassium	24900	25000	99	90 - 110	P	06/16/2025	17:31	lb136164
	Selenium	5070	5000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Silver	1260	1250	101	90 - 110	P	06/16/2025	17:31	lb136164
	Sodium	25600	25000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Thallium	5150	5000	103	90 - 110	P	06/16/2025	17:31	lb136164
	Vanadium	2490	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Zinc	2500	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
CCV04	Aluminum	10000	10000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Antimony	5030	5000	101	90 - 110	P	06/16/2025	18:29	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
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	4970	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	18:29	lb136164
	Beryllium	258	250	103	90 - 110	P	06/16/2025	18:29	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Calcium	25000	25000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Chromium	988	1000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Cobalt	2490	2500	99	90 - 110	P	06/16/2025	18:29	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	18:29	lb136164
	Iron	4870	5000	97	90 - 110	P	06/16/2025	18:29	lb136164
	Lead	4960	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Magnesium	24700	25000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Manganese	2450	2500	98	90 - 110	P	06/16/2025	18:29	lb136164
	Nickel	2490	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Potassium	25700	25000	103	90 - 110	P	06/16/2025	18:29	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	18:29	lb136164
	Sodium	25900	25000	104	90 - 110	P	06/16/2025	18:29	lb136164
	Thallium	5090	5000	102	90 - 110	P	06/16/2025	18:29	lb136164
	Vanadium	2480	2500	99	90 - 110	P	06/16/2025	18:29	lb136164
	Zinc	2520	2500	101	90 - 110	P	06/16/2025	18:29	lb136164
CCV05	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Antimony	5050	5000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Arsenic	4990	5000	100	90 - 110	P	06/16/2025	19:17	lb136164
	Barium	10400	10000	104	90 - 110	P	06/16/2025	19:17	lb136164
	Beryllium	267	250	107	90 - 110	P	06/16/2025	19:17	lb136164
	Cadmium	2510	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Calcium	25300	25000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Chromium	989	1000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Cobalt	2480	2500	99	90 - 110	P	06/16/2025	19:17	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	19:17	lb136164
	Iron	4930	5000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Lead	4950	5000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Magnesium	24800	25000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Manganese	2470	2500	99	90 - 110	P	06/16/2025	19:17	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2500	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Potassium	26600	25000	106	90 - 110	P	06/16/2025	19:17	lb136164
	Selenium	5040	5000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Silver	1240	1250	99	90 - 110	P	06/16/2025	19:17	lb136164
	Sodium	26400	25000	106	90 - 110	P	06/16/2025	19:17	lb136164
	Thallium	5130	5000	103	90 - 110	P	06/16/2025	19:17	lb136164
	Vanadium	2500	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Zinc	2530	2500	101	90 - 110	P	06/16/2025	19:17	lb136164
CCV06	Aluminum	10200	10000	102	90 - 110	P	06/16/2025	20:04	lb136164
	Antimony	5030	5000	100	90 - 110	P	06/16/2025	20:04	lb136164
	Arsenic	4950	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Beryllium	266	250	106	90 - 110	P	06/16/2025	20:04	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Calcium	25200	25000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	20:04	lb136164
	Cobalt	2490	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	20:04	lb136164
	Iron	4870	5000	97	90 - 110	P	06/16/2025	20:04	lb136164
	Lead	4940	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Magnesium	24100	25000	96	90 - 110	P	06/16/2025	20:04	lb136164
	Manganese	2410	2500	96	90 - 110	P	06/16/2025	20:04	lb136164
	Nickel	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Potassium	26600	25000	106	90 - 110	P	06/16/2025	20:04	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	20:04	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	20:04	lb136164
	Sodium	26700	25000	107	90 - 110	P	06/16/2025	20:04	lb136164
	Thallium	5060	5000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Vanadium	2420	2500	97	90 - 110	P	06/16/2025	20:04	lb136164
	Zinc	2480	2500	99	90 - 110	P	06/16/2025	20:04	lb136164
CCV07	Aluminum	9940	10000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Antimony	4960	5000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Arsenic	4910	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:52	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
 Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
 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	263	250	105	90 - 110	P	06/16/2025	20:52	lb136164
	Cadmium	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Calcium	24600	25000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Chromium	982	1000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Cobalt	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Copper	1310	1250	105	90 - 110	P	06/16/2025	20:52	lb136164
	Iron	4710	5000	94	90 - 110	P	06/16/2025	20:52	lb136164
	Lead	4880	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Magnesium	23800	25000	95	90 - 110	P	06/16/2025	20:52	lb136164
	Manganese	2380	2500	95	90 - 110	P	06/16/2025	20:52	lb136164
	Nickel	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Potassium	26400	25000	106	90 - 110	P	06/16/2025	20:52	lb136164
	Selenium	4960	5000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	20:52	lb136164
	Sodium	26700	25000	107	90 - 110	P	06/16/2025	20:52	lb136164
	Thallium	4990	5000	100	90 - 110	P	06/16/2025	20:52	lb136164
	Vanadium	2410	2500	96	90 - 110	P	06/16/2025	20:52	lb136164
	Zinc	2440	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
CCV08	Aluminum	9810	10000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Antimony	4940	5000	99	90 - 110	P	06/16/2025	21:14	lb136164
	Arsenic	4870	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Barium	9880	10000	99	90 - 110	P	06/16/2025	21:14	lb136164
	Beryllium	259	250	103	90 - 110	P	06/16/2025	21:14	lb136164
	Cadmium	2450	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Calcium	24400	25000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Chromium	984	1000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Cobalt	2440	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	21:14	lb136164
	Iron	4660	5000	93	90 - 110	P	06/16/2025	21:14	lb136164
	Lead	4850	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Magnesium	23500	25000	94	90 - 110	P	06/16/2025	21:14	lb136164
	Manganese	2350	2500	94	90 - 110	P	06/16/2025	21:14	lb136164
	Nickel	2440	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Potassium	26100	25000	104	90 - 110	P	06/16/2025	21:14	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
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	4930	5000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	21:14	lb136164
	Sodium	26300	25000	105	90 - 110	P	06/16/2025	21:14	lb136164
	Thallium	4970	5000	100	90 - 110	P	06/16/2025	21:14	lb136164
	Vanadium	2380	2500	95	90 - 110	P	06/16/2025	21:14	lb136164
	Zinc	2440	2500	97	90 - 110	P	06/16/2025	21:14	lb136164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	7940	8000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Antimony	4130	4000	103	90 - 110	P	06/17/2025	12:25	LB136187
	Arsenic	3880	4000	97	90 - 110	P	06/17/2025	12:25	LB136187
	Barium	8170	8000	102	90 - 110	P	06/17/2025	12:25	LB136187
	Beryllium	208	200	104	90 - 110	P	06/17/2025	12:25	LB136187
	Cadmium	1970	2000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Calcium	19800	20000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Chromium	816	800	102	90 - 110	P	06/17/2025	12:25	LB136187
	Cobalt	1990	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Copper	1050	1000	104	90 - 110	P	06/17/2025	12:25	LB136187
	Iron	3960	4000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Lead	3890	4000	97	90 - 110	P	06/17/2025	12:25	LB136187
	Magnesium	20200	20000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Manganese	2010	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Nickel	2000	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Potassium	20500	20000	102	90 - 110	P	06/17/2025	12:25	LB136187
	Selenium	3980	4000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Silver	956	1000	96	90 - 110	P	06/17/2025	12:25	LB136187
	Sodium	20700	20000	104	90 - 110	P	06/17/2025	12:25	LB136187
	Thallium	4050	4000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Vanadium	2010	2000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Zinc	2020	2000	101	90 - 110	P	06/17/2025	12:25	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
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	89.5	100	90	80 - 120	P	06/17/2025	12:41	LB136187
	Antimony	54.3	50.0	109	80 - 120	P	06/17/2025	12:41	LB136187
	Arsenic	19.7	20.0	99	80 - 120	P	06/17/2025	12:41	LB136187
	Barium	101	100	101	80 - 120	P	06/17/2025	12:41	LB136187
	Beryllium	6.43	6.0	107	80 - 120	P	06/17/2025	12:41	LB136187
	Cadmium	5.76	6.0	96	80 - 120	P	06/17/2025	12:41	LB136187
	Calcium	2060	2000	103	80 - 120	P	06/17/2025	12:41	LB136187
	Chromium	9.74	10.0	97	80 - 120	P	06/17/2025	12:41	LB136187
	Cobalt	29.8	30.0	100	80 - 120	P	06/17/2025	12:41	LB136187
	Copper	23.3	20.0	117	80 - 120	P	06/17/2025	12:41	LB136187
	Iron	110	100	110	80 - 120	P	06/17/2025	12:41	LB136187
	Lead	12.5	12.0	104	80 - 120	P	06/17/2025	12:41	LB136187
	Magnesium	2130	2000	106	80 - 120	P	06/17/2025	12:41	LB136187
	Manganese	21.1	20.0	105	80 - 120	P	06/17/2025	12:41	LB136187
	Nickel	39.7	40.0	99	80 - 120	P	06/17/2025	12:41	LB136187
	Potassium	1650	2000	82	80 - 120	P	06/17/2025	12:41	LB136187
	Selenium	20.9	20.0	105	80 - 120	P	06/17/2025	12:41	LB136187
	Silver	10.7	10.0	107	80 - 120	P	06/17/2025	12:41	LB136187
	Sodium	1840	2000	92	80 - 120	P	06/17/2025	12:41	LB136187
	Thallium	40.2	40.0	101	80 - 120	P	06/17/2025	12:41	LB136187
	Vanadium	44.7	40.0	112	80 - 120	P	06/17/2025	12:41	LB136187
	Zinc	41.5	40.0	104	80 - 120	P	06/17/2025	12:41	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
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	9700	10000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Antimony	4870	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Arsenic	4780	5000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Barium	9770	10000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Beryllium	250	250	100	90 - 110	P	06/17/2025	13:40	LB136187
	Cadmium	2420	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Calcium	24300	25000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Chromium	983	1000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Cobalt	2400	2500	96	90 - 110	P	06/17/2025	13:40	LB136187
	Copper	1250	1250	100	90 - 110	P	06/17/2025	13:40	LB136187
	Iron	4850	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Lead	4790	5000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Magnesium	24100	25000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Manganese	2430	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Nickel	2410	2500	96	90 - 110	P	06/17/2025	13:40	LB136187
	Potassium	25100	25000	100	90 - 110	P	06/17/2025	13:40	LB136187
	Selenium	4860	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Silver	1230	1250	98	90 - 110	P	06/17/2025	13:40	LB136187
	Sodium	24800	25000	99	90 - 110	P	06/17/2025	13:40	LB136187
	Thallium	4910	5000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Vanadium	2420	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Zinc	2430	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
CCV02	Aluminum	9910	10000	99	90 - 110	P	06/17/2025	14:43	LB136187
	Antimony	5000	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Arsenic	4880	5000	98	90 - 110	P	06/17/2025	14:43	LB136187
	Barium	10100	10000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Beryllium	253	250	101	90 - 110	P	06/17/2025	14:43	LB136187
	Cadmium	2460	2500	99	90 - 110	P	06/17/2025	14:43	LB136187
	Calcium	25200	25000	101	90 - 110	P	06/17/2025	14:43	LB136187
	Chromium	1000	1000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Cobalt	2450	2500	98	90 - 110	P	06/17/2025	14:43	LB136187
	Copper	1260	1250	101	90 - 110	P	06/17/2025	14:43	LB136187
	Iron	4990	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Lead	4900	5000	98	90 - 110	P	06/17/2025	14:43	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
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	24800	25000	99	90 - 110	P	06/17/2025	14:43	LB136187
	Manganese	2490	2500	99	90 - 110	P	06/17/2025	14:43	LB136187
	Nickel	2460	2500	98	90 - 110	P	06/17/2025	14:43	LB136187
	Potassium	26000	25000	104	90 - 110	P	06/17/2025	14:43	LB136187
	Selenium	4930	5000	98	90 - 110	P	06/17/2025	14:43	LB136187
	Silver	1270	1250	102	90 - 110	P	06/17/2025	14:43	LB136187
	Sodium	25100	25000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Thallium	5030	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Vanadium	2500	2500	100	90 - 110	P	06/17/2025	14:43	LB136187
	Zinc	2510	2500	100	90 - 110	P	06/17/2025	14:43	LB136187
CCV03	Aluminum	9900	10000	99	90 - 110	P	06/17/2025	15:38	LB136187
	Antimony	4860	5000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Arsenic	4740	5000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Barium	9710	10000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Beryllium	247	250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Cadmium	2400	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Calcium	24400	25000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Chromium	981	1000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Cobalt	2370	2500	95	90 - 110	P	06/17/2025	15:38	LB136187
	Copper	1230	1250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Iron	4870	5000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Lead	4740	5000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Magnesium	23800	25000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Manganese	2400	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Nickel	2390	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Potassium	25100	25000	100	90 - 110	P	06/17/2025	15:38	LB136187
	Selenium	4770	5000	96	90 - 110	P	06/17/2025	15:38	LB136187
	Silver	1230	1250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Sodium	24400	25000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Thallium	4890	5000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Vanadium	2390	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Zinc	2420	2500	97	90 - 110	P	06/17/2025	15:38	LB136187
CCV04	Aluminum	10000	10000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Antimony	4980	5000	100	90 - 110	P	06/17/2025	16:30	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
 Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4840	5000	97	90 - 110	P	06/17/2025	16:30	LB136187
	Barium	10100	10000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Beryllium	260	250	104	90 - 110	P	06/17/2025	16:30	LB136187
	Cadmium	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Calcium	25400	25000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Chromium	1010	1000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Cobalt	2430	2500	97	90 - 110	P	06/17/2025	16:30	LB136187
	Copper	1290	1250	103	90 - 110	P	06/17/2025	16:30	LB136187
	Iron	4980	5000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Lead	4850	5000	97	90 - 110	P	06/17/2025	16:30	LB136187
	Magnesium	24500	25000	98	90 - 110	P	06/17/2025	16:30	LB136187
	Manganese	2470	2500	99	90 - 110	P	06/17/2025	16:30	LB136187
	Nickel	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Potassium	26400	25000	105	90 - 110	P	06/17/2025	16:30	LB136187
	Selenium	4880	5000	98	90 - 110	P	06/17/2025	16:30	LB136187
	Silver	1280	1250	102	90 - 110	P	06/17/2025	16:30	LB136187
	Sodium	25400	25000	102	90 - 110	P	06/17/2025	16:30	LB136187
	Thallium	5020	5000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Vanadium	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Zinc	2490	2500	100	90 - 110	P	06/17/2025	16:30	LB136187
CCV05	Aluminum	10000	10000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Antimony	4950	5000	99	90 - 110	P	06/17/2025	17:37	LB136187
	Arsenic	4820	5000	96	90 - 110	P	06/17/2025	17:37	LB136187
	Barium	10000	10000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Beryllium	257	250	103	90 - 110	P	06/17/2025	17:37	LB136187
	Cadmium	2460	2500	98	90 - 110	P	06/17/2025	17:37	LB136187
	Calcium	25000	25000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Chromium	1010	1000	101	90 - 110	P	06/17/2025	17:37	LB136187
	Cobalt	2420	2500	97	90 - 110	P	06/17/2025	17:37	LB136187
	Copper	1280	1250	102	90 - 110	P	06/17/2025	17:37	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	17:37	LB136187
	Lead	4850	5000	97	90 - 110	P	06/17/2025	17:37	LB136187
	Magnesium	24300	25000	97	90 - 110	P	06/17/2025	17:37	LB136187
	Manganese	2440	2500	98	90 - 110	P	06/17/2025	17:37	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2450	2500	98	90 - 110	P	06/17/2025	17:37	LB136187
	Potassium	25900	25000	104	90 - 110	P	06/17/2025	17:37	LB136187
	Selenium	4880	5000	98	90 - 110	P	06/17/2025	17:37	LB136187
	Silver	1270	1250	102	90 - 110	P	06/17/2025	17:37	LB136187
	Sodium	25200	25000	101	90 - 110	P	06/17/2025	17:37	LB136187
	Thallium	5010	5000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Vanadium	2430	2500	97	90 - 110	P	06/17/2025	17:37	LB136187
	Zinc	2480	2500	99	90 - 110	P	06/17/2025	17:37	LB136187
CCV06	Aluminum	9900	10000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Antimony	4920	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Arsenic	4800	5000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Barium	9840	10000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Beryllium	256	250	102	90 - 110	P	06/17/2025	18:38	LB136187
	Cadmium	2440	2500	98	90 - 110	P	06/17/2025	18:38	LB136187
	Calcium	24800	25000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Chromium	987	1000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Cobalt	2420	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
	Copper	1270	1250	102	90 - 110	P	06/17/2025	18:38	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Lead	4820	5000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Magnesium	23900	25000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Manganese	2400	2500	96	90 - 110	P	06/17/2025	18:38	LB136187
	Nickel	2430	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
	Potassium	25800	25000	103	90 - 110	P	06/17/2025	18:38	LB136187
	Selenium	4890	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Silver	1250	1250	100	90 - 110	P	06/17/2025	18:38	LB136187
	Sodium	25100	25000	100	90 - 110	P	06/17/2025	18:38	LB136187
	Thallium	4980	5000	100	90 - 110	P	06/17/2025	18:38	LB136187
	Vanadium	2400	2500	96	90 - 110	P	06/17/2025	18:38	LB136187
	Zinc	2420	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
CCV07	Aluminum	9890	10000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Antimony	4960	5000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Arsenic	4860	5000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Barium	10100	10000	100	90 - 110	P	06/17/2025	19:25	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2303
 Contract: PORT06 Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303
 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	259	250	103	90 - 110	P	06/17/2025	19:25	LB136187
	Cadmium	2450	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Calcium	24800	25000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Chromium	986	1000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Cobalt	2440	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Copper	1300	1250	104	90 - 110	P	06/17/2025	19:25	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	19:25	LB136187
	Lead	4870	5000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Magnesium	24200	25000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Manganese	2430	2500	97	90 - 110	P	06/17/2025	19:25	LB136187
	Nickel	2440	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Potassium	26200	25000	105	90 - 110	P	06/17/2025	19:25	LB136187
	Selenium	4940	5000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Silver	1240	1250	99	90 - 110	P	06/17/2025	19:25	LB136187
	Sodium	26000	25000	104	90 - 110	P	06/17/2025	19:25	LB136187
	Thallium	4990	5000	100	90 - 110	P	06/17/2025	19:25	LB136187
	Vanadium	2450	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Zinc	2470	2500	99	90 - 110	P	06/17/2025	19:25	LB136187
CCV08	Aluminum	9820	10000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Antimony	4930	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Arsenic	4850	5000	97	90 - 110	P	06/17/2025	20:17	LB136187
	Barium	9910	10000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Beryllium	251	250	100	90 - 110	P	06/17/2025	20:17	LB136187
	Cadmium	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187
	Calcium	24500	25000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Chromium	968	1000	97	90 - 110	P	06/17/2025	20:17	LB136187
	Cobalt	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187
	Copper	1270	1250	101	90 - 110	P	06/17/2025	20:17	LB136187
	Iron	4770	5000	95	90 - 110	P	06/17/2025	20:17	LB136187
	Lead	4870	5000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Magnesium	24100	25000	96	90 - 110	P	06/17/2025	20:17	LB136187
	Manganese	2390	2500	96	90 - 110	P	06/17/2025	20:17	LB136187
	Nickel	2440	2500	97	90 - 110	P	06/17/2025	20:17	LB136187
	Potassium	26000	25000	104	90 - 110	P	06/17/2025	20:17	LB136187

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	4940	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Silver	1230	1250	98	90 - 110	P	06/17/2025	20:17	LB136187
	Sodium	25700	25000	103	90 - 110	P	06/17/2025	20:17	LB136187
	Thallium	4970	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Vanadium	2410	2500	96	90 - 110	P	06/17/2025	20:17	LB136187
	Zinc	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187

Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	105	70 - 130	CV	06/16/2025	13:01	LB136159
CRI01	Aluminum	104	100	104	65 - 135	P	06/16/2025	14:53	lb136164
	Antimony	53.0	50.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Arsenic	16.3	20.0	82	65 - 135	P	06/16/2025	14:53	lb136164
	Barium	101	100	101	65 - 135	P	06/16/2025	14:53	lb136164
	Beryllium	6.39	6.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Cadmium	5.66	6.0	94	65 - 135	P	06/16/2025	14:53	lb136164
	Calcium	2030	2000	101	65 - 135	P	06/16/2025	14:53	lb136164
	Chromium	9.79	10.0	98	65 - 135	P	06/16/2025	14:53	lb136164
	Cobalt	29.9	30.0	100	65 - 135	P	06/16/2025	14:53	lb136164
	Copper	23.0	20.0	115	65 - 135	P	06/16/2025	14:53	lb136164
	Iron	110	100	110	65 - 135	P	06/16/2025	14:53	lb136164
	Lead	11.5	12.0	96	65 - 135	P	06/16/2025	14:53	lb136164
	Magnesium	2080	2000	104	65 - 135	P	06/16/2025	14:53	lb136164
	Manganese	21.2	20.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Nickel	38.8	40.0	97	65 - 135	P	06/16/2025	14:53	lb136164
	Potassium	1610	2000	81	65 - 135	P	06/16/2025	14:53	lb136164
	Selenium	17.6	20.0	88	65 - 135	P	06/16/2025	14:53	lb136164
	Silver	11.0	10.0	110	65 - 135	P	06/16/2025	14:53	lb136164
	Sodium	1830	2000	91	65 - 135	P	06/16/2025	14:53	lb136164
	Thallium	39.1	40.0	98	65 - 135	P	06/16/2025	14:53	lb136164
	Vanadium	37.5	40.0	94	65 - 135	P	06/16/2025	14:53	lb136164
	Zinc	41.7	40.0	104	65 - 135	P	06/16/2025	14:53	lb136164
CRI01	Aluminum	114	100	114	65 - 135	P	06/17/2025	12:50	LB136187
	Antimony	52.5	50.0	105	65 - 135	P	06/17/2025	12:50	LB136187
	Arsenic	19.4	20.0	97	65 - 135	P	06/17/2025	12:50	LB136187
	Barium	104	100	104	65 - 135	P	06/17/2025	12:50	LB136187
	Beryllium	6.43	6.0	107	65 - 135	P	06/17/2025	12:50	LB136187
	Cadmium	5.77	6.0	96	65 - 135	P	06/17/2025	12:50	LB136187
	Calcium	2040	2000	102	65 - 135	P	06/17/2025	12:50	LB136187
	Chromium	9.38	10.0	94	65 - 135	P	06/17/2025	12:50	LB136187
	Cobalt	30.0	30.0	100	65 - 135	P	06/17/2025	12:50	LB136187
	Copper	23.2	20.0	116	65 - 135	P	06/17/2025	12:50	LB136187
	Iron	103	100	103	65 - 135	P	06/17/2025	12:50	LB136187
	Lead	11.7	12.0	97	65 - 135	P	06/17/2025	12:50	LB136187

Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

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	2150	2000	108	65 - 135	P	06/17/2025	12:50	LB136187
	Manganese	20.6	20.0	103	65 - 135	P	06/17/2025	12:50	LB136187
	Nickel	39.1	40.0	98	65 - 135	P	06/17/2025	12:50	LB136187
	Potassium	1660	2000	83	65 - 135	P	06/17/2025	12:50	LB136187
	Selenium	18.0	20.0	90	65 - 135	P	06/17/2025	12:50	LB136187
	Silver	10.8	10.0	108	65 - 135	P	06/17/2025	12:50	LB136187
	Sodium	1870	2000	94	65 - 135	P	06/17/2025	12:50	LB136187
	Thallium	39.8	40.0	99	65 - 135	P	06/17/2025	12:50	LB136187
	Vanadium	43.2	40.0	108	65 - 135	P	06/17/2025	12:50	LB136187
	Zinc	41.8	40.0	104	65 - 135	P	06/17/2025	12:50	LB136187

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
ICS Source: EPA **Instrument ID:** P5

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	257000	250000	103	216000	294000	06/16/2025	14:59	lb136164
	Antimony	23.3			-50	50	06/16/2025	14:59	lb136164
	Arsenic	-2.78			-20	20	06/16/2025	14:59	lb136164
	Barium	7.67	6.0	128	-94	106	06/16/2025	14:59	lb136164
	Beryllium	1.43			-6	6	06/16/2025	14:59	lb136164
	Cadmium	-1.53	1.0	153	-5	7	06/16/2025	14:59	lb136164
	Calcium	248000	240000	103	208000	282000	06/16/2025	14:59	lb136164
	Chromium	51.2	52.0	98	42	62	06/16/2025	14:59	lb136164
	Cobalt	22.8			-30	30	06/16/2025	14:59	lb136164
	Copper	-9.05	2.0	452	-18	22	06/16/2025	14:59	lb136164
	Iron	106000	100000	106	85600	116500	06/16/2025	14:59	lb136164
	Lead	4.50			-12	12	06/16/2025	14:59	lb136164
	Magnesium	254000	260000	98	216000	294000	06/16/2025	14:59	lb136164
	Manganese	5.70	7.0	81	-13	27	06/16/2025	14:59	lb136164
	Nickel	1.27	2.0	64	-38	42	06/16/2025	14:59	lb136164
	Potassium	1.45			0	0	06/16/2025	14:59	lb136164
	Selenium	-0.94			-20	20	06/16/2025	14:59	lb136164
	Silver	5.28			-10	10	06/16/2025	14:59	lb136164
	Sodium	116			0	0	06/16/2025	14:59	lb136164
	Thallium	19.4			-40	40	06/16/2025	14:59	lb136164
	Vanadium	-4.49			-40	40	06/16/2025	14:59	lb136164
	Zinc	11.4			-40	40	06/16/2025	14:59	lb136164
ICSAB01	Aluminum	253000	250000	101	209000	285000	06/16/2025	15:06	lb136164
	Antimony	638	620	103	525	711	06/16/2025	15:06	lb136164
	Arsenic	94.4	100	94	88.4	120	06/16/2025	15:06	lb136164
	Barium	539	540	100	437	637	06/16/2025	15:06	lb136164
	Beryllium	533	500	107	420	570	06/16/2025	15:06	lb136164
	Cadmium	1030	970	106	826	1120	06/16/2025	15:06	lb136164
	Calcium	246000	230000	107	199000	271000	06/16/2025	15:06	lb136164
	Chromium	563	540	104	460	624	06/16/2025	15:06	lb136164
	Cobalt	524	480	109	404	548	06/16/2025	15:06	lb136164
	Copper	495	510	97	434	588	06/16/2025	15:06	lb136164
	Iron	105000	99000	106	84400	114500	06/16/2025	15:06	lb136164
	Lead	52.7	49.0	108	37	61	06/16/2025	15:06	lb136164
	Magnesium	253000	250000	101	210000	286000	06/16/2025	15:06	lb136164
	Manganese	519	510	102	430	584	06/16/2025	15:06	lb136164
	Nickel	1010	950	106	810	1100	06/16/2025	15:06	lb136164
	Potassium	-3.59			0	0	06/16/2025	15:06	lb136164
	Selenium	55.7	46.0	121	26	66	06/16/2025	15:06	lb136164
	Silver	173	200	86	170	232	06/16/2025	15:06	lb136164
	Sodium	103			0	0	06/16/2025	15:06	lb136164
	Thallium	104	110	94	68	148	06/16/2025	15:06	lb136164

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
ICS Source: EPA **Instrument ID:** P5

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	507	490	104	417	565	06/16/2025	15:06	lb136164
	Zinc	1070	950	113	809	1095	06/16/2025	15:06	lb136164
ICSA01	Aluminum	247000	250000	99	216000	294000	06/17/2025	13:11	LB136187
	Antimony	21.2			-50	50	06/17/2025	13:11	LB136187
	Arsenic	-3.71			-20	20	06/17/2025	13:11	LB136187
	Barium	5.50	6.0	92	-94	106	06/17/2025	13:11	LB136187
	Beryllium	0.28			-6	6	06/17/2025	13:11	LB136187
	Cadmium	-1.65	1.0	165	-5	7	06/17/2025	13:11	LB136187
	Calcium	238000	240000	99	208000	282000	06/17/2025	13:11	LB136187
	Chromium	48.2	52.0	93	42	62	06/17/2025	13:11	LB136187
	Cobalt	22.0			-30	30	06/17/2025	13:11	LB136187
	Copper	-8.46	2.0	423	-18	22	06/17/2025	13:11	LB136187
	Iron	103000	100000	103	85600	116500	06/17/2025	13:11	LB136187
	Lead	5.50			-12	12	06/17/2025	13:11	LB136187
	Magnesium	245000	260000	94	216000	294000	06/17/2025	13:11	LB136187
	Manganese	5.99	7.0	86	-13	27	06/17/2025	13:11	LB136187
	Nickel	2.10	2.0	105	-38	42	06/17/2025	13:11	LB136187
	Potassium	0.58			0	0	06/17/2025	13:11	LB136187
	Selenium	0.58			-20	20	06/17/2025	13:11	LB136187
	Silver	4.61			-10	10	06/17/2025	13:11	LB136187
	Sodium	116			0	0	06/17/2025	13:11	LB136187
	Thallium	14.1			-40	40	06/17/2025	13:11	LB136187
	Vanadium	1.78			-40	40	06/17/2025	13:11	LB136187
	Zinc	10.3			-40	40	06/17/2025	13:11	LB136187
ICSAB01	Aluminum	251000	250000	100	209000	285000	06/17/2025	13:22	LB136187
	Antimony	630	620	102	525	711	06/17/2025	13:22	LB136187
	Arsenic	94.8	100	95	88.4	120	06/17/2025	13:22	LB136187
	Barium	523	540	97	437	637	06/17/2025	13:22	LB136187
	Beryllium	524	500	105	420	570	06/17/2025	13:22	LB136187
	Cadmium	1020	970	105	826	1120	06/17/2025	13:22	LB136187
	Calcium	242000	230000	105	199000	271000	06/17/2025	13:22	LB136187
	Chromium	564	540	104	460	624	06/17/2025	13:22	LB136187
	Cobalt	522	480	109	404	548	06/17/2025	13:22	LB136187
	Copper	492	510	96	434	588	06/17/2025	13:22	LB136187
	Iron	104000	99000	105	84400	114500	06/17/2025	13:22	LB136187
	Lead	53.1	49.0	108	37	61	06/17/2025	13:22	LB136187
	Magnesium	249000	250000	100	210000	286000	06/17/2025	13:22	LB136187
	Manganese	509	510	100	430	584	06/17/2025	13:22	LB136187
	Nickel	1000	950	105	810	1100	06/17/2025	13:22	LB136187
	Potassium	-2.54			0	0	06/17/2025	13:22	LB136187
	Selenium	50.7	46.0	110	26	66	06/17/2025	13:22	LB136187
	Silver	173	200	86	170	232	06/17/2025	13:22	LB136187

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
ICS Source: EPA **Instrument ID:** P5

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	122			0	0	06/17/2025	13:22	LB136187
	Thallium	97.4	110	88	68	148	06/17/2025	13:22	LB136187
	Vanadium	503	490	103	417	565	06/17/2025	13:22	LB136187
	Zinc	1050	950	110	809	1095	06/17/2025	13:22	LB136187



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2303</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2303</u> sas no.: <u>Q2303</u>
matrix: <u>Solid</u>	sample id: <u>Q2303-02</u>	client id: <u>B-170-SB03MS</u>
Percent Solids for Sample: 92.7	Spiked ID: Q2303-02MS	Percent Solids for Spike Sample: 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.16	D	0.90	D	0.28	91		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303
contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303
matrix: Solid **sample id:** Q2303-02 **client id:** B-170-SB03MSD
Percent Solids for Sample: 92.7 **Spiked ID:** Q2303-02MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.17	D	0.90	D	0.28	95		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2303</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2303</u> sas no.: <u>Q2303</u>
matrix: <u>Solid</u>	sample id: <u>Q2310-01</u>	client id: <u>TP-7MS</u>
Percent Solids for Sample: 88.7	Spiked ID: Q2310-01MS	Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5700		5180		100	518		P
Antimony	mg/Kg	75 - 125	16.5		0.94	J	40.1	39	N	P
Arsenic	mg/Kg	75 - 125	43.3		3.11		40.1	100		P
Barium	mg/Kg	75 - 125	50.8		40.7		10.0	101		P
Beryllium	mg/Kg	75 - 125	8.36		0.53		10.0	78		P
Cadmium	mg/Kg	75 - 125	10.3		0.30	U	10.0	102		P
Calcium	mg/Kg	75 - 125	2150		1790		50.1	721		P
Chromium	mg/Kg	75 - 125	25.9		10.5		20.0	77		P
Cobalt	mg/Kg	75 - 125	18.4		7.73		10.0	107		P
Copper	mg/Kg	75 - 125	57.8		36.3		15.0	143	N	P
Iron	mg/Kg	75 - 125	11800		11700		150	69		P
Lead	mg/Kg	75 - 125	64.3		14.3		50.1	100		P
Magnesium	mg/Kg	75 - 125	3110		2850		100	265		P
Manganese	mg/Kg	75 - 125	392		378		10.0	140		P
Nickel	mg/Kg	75 - 125	40.7		14.1		25.1	106		P
Potassium	mg/Kg	75 - 125	1390		957		500	87		P
Selenium	mg/Kg	75 - 125	70.3		1.61		100	69	N	P
Silver	mg/Kg	75 - 125	3.35		0.50		3.8	76		P
Sodium	mg/Kg	75 - 125	792		699		150	62		P
Thallium	mg/Kg	75 - 125	101		1.99	U	100	101		P
Vanadium	mg/Kg	75 - 125	27.2		15.8		15.0	76		P
Zinc	mg/Kg	75 - 125	43.2		33.4		10.0	98		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303
contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303
matrix: Solid **sample id:** Q2310-01 **client id:** TP-7MSD
Percent Solids for Sample: 88.7 **Spiked ID:** Q2310-01MSD **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5200		5180		95.9	16		P
Antimony	mg/Kg	75 - 125	15.4		0.94	J	38.4	38	N	P
Arsenic	mg/Kg	75 - 125	40.4		3.11		38.4	97		P
Barium	mg/Kg	75 - 125	46.4		40.7		9.6	59		P
Beryllium	mg/Kg	75 - 125	7.76		0.53		9.6	75		P
Cadmium	mg/Kg	75 - 125	9.54		0.30	U	9.6	99		P
Calcium	mg/Kg	75 - 125	2090		1790		48.0	627		P
Chromium	mg/Kg	75 - 125	24.0		10.5		19.2	70	N	P
Cobalt	mg/Kg	75 - 125	17.0		7.73		9.6	97		P
Copper	mg/Kg	75 - 125	49.4		36.3		14.4	91		P
Iron	mg/Kg	75 - 125	10900		11700		140	-553		P
Lead	mg/Kg	75 - 125	59.1		14.3		48.0	94		P
Magnesium	mg/Kg	75 - 125	2760		2850		95.9	-88		P
Manganese	mg/Kg	75 - 125	331		378		9.6	-498		P
Nickel	mg/Kg	75 - 125	37.6		14.1		24.0	98		P
Potassium	mg/Kg	75 - 125	1270		957		480	65	N	P
Selenium	mg/Kg	75 - 125	65.1		1.61		95.9	66	N	P
Silver	mg/Kg	75 - 125	3.16		0.50		3.6	74	N	P
Sodium	mg/Kg	75 - 125	738		699		140	28		P
Thallium	mg/Kg	75 - 125	94.5		1.99	U	95.9	98		P
Vanadium	mg/Kg	75 - 125	25.4		15.8		14.4	67	N	P
Zinc	mg/Kg	75 - 125	39.0		33.4		9.6	58	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q2303</u>	
Contract: <u>PORT06</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2303</u> SAS No.: <u>Q2303</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>TP-7A</u>
Sample ID: <u>Q2310-01</u>	Spiked ID: <u>Q2310-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	28.3		0.94	J	39.7	69	N	P
Chromium	mg/Kg	75 - 125	24.5		10.5		19.9	70	N	P
Copper	mg/Kg	75 - 125	46.1		36.3		14.9	66	N	P
Potassium	mg/Kg	75 - 125	1300		957		500	68	N	P
Selenium	mg/Kg	75 - 125	66.2		1.61		99.3	65	N	P
Silver	mg/Kg	75 - 125	3.05		0.50		3.70	69	N	P
Vanadium	mg/Kg	75 - 125	25.7		15.8		14.9	66	N	P
Zinc	mg/Kg	75 - 125	40.3		33.4		9.90	70	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2303</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2303</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2303-02</u>	Client ID:	<u>B-170-SB03DUP</u>
Percent Solids for Sample:	92.7	Duplicate ID	Q2303-02DUP	Percent Solids for Spike Sample:	92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.90	D	1.03	D	13		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2303</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2303</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2303-02MS</u>	Client ID:	<u>B-170-SB03MSD</u>
Percent Solids for Sample:	92.7	Duplicate ID	Q2303-02MSD	Percent Solids for Spike Sample:	92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	1.16	D	1.17	D	1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
Matrix: Solid **Sample ID:** Q2310-01 **Client ID:** TP-7DUP
Percent Solids for Sample: 88.7 **Duplicate ID** Q2310-01DUP **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5180		4840		7		P
Antimony	mg/Kg	20	0.94	J	0.90	J	3		P
Arsenic	mg/Kg	20	3.11		3.20		3		P
Barium	mg/Kg	20	40.7		40.7		0		P
Beryllium	mg/Kg	20	0.53		0.57		7		P
Cadmium	mg/Kg	20	0.30	U	0.28	U			P
Calcium	mg/Kg	20	1790		1960		9		P
Chromium	mg/Kg	20	10.5		10.2		3		P
Cobalt	mg/Kg	20	7.73		8.01		4		P
Copper	mg/Kg	20	36.3		34.0		7		P
Iron	mg/Kg	20	11700		11200		4		P
Lead	mg/Kg	20	14.3		15.0		5		P
Magnesium	mg/Kg	20	2850		2850		0		P
Manganese	mg/Kg	20	378		328		14		P
Nickel	mg/Kg	20	14.1		13.7		3		P
Potassium	mg/Kg	20	957		1050		9		P
Selenium	mg/Kg	20	1.61		1.56		3		P
Silver	mg/Kg	20	0.50		0.48		4		P
Sodium	mg/Kg	20	699		649		7		P
Thallium	mg/Kg	20	1.99	U	1.85	U			P
Vanadium	mg/Kg	20	15.8		15.6		1		P
Zinc	mg/Kg	20	33.4		32.3		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303
Matrix: Solid **Sample ID:** Q2310-01MS **Client ID:** TP-7MSD
Percent Solids for Sample: 88.7 **Duplicate ID** Q2310-01MSD **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5700		5200		9		P
Antimony	mg/Kg	20	16.5		15.4		7		P
Arsenic	mg/Kg	20	43.3		40.4		7		P
Barium	mg/Kg	20	50.8		46.4		9		P
Beryllium	mg/Kg	20	8.36		7.76		7		P
Cadmium	mg/Kg	20	10.3		9.54		7		P
Calcium	mg/Kg	20	2150		2090		3		P
Chromium	mg/Kg	20	25.9		24.0		8		P
Cobalt	mg/Kg	20	18.4		17.0		8		P
Copper	mg/Kg	20	57.8		49.4		16		P
Iron	mg/Kg	20	11800		10900		8		P
Lead	mg/Kg	20	64.3		59.1		8		P
Magnesium	mg/Kg	20	3110		2760		12		P
Manganese	mg/Kg	20	392		331		17		P
Nickel	mg/Kg	20	40.7		37.6		8		P
Potassium	mg/Kg	20	1390		1270		9		P
Selenium	mg/Kg	20	70.3		65.1		8		P
Silver	mg/Kg	20	3.35		3.16		6		P
Sodium	mg/Kg	20	792		738		7		P
Thallium	mg/Kg	20	101		94.5		7		P
Vanadium	mg/Kg	20	27.2		25.4		7		P
Zinc	mg/Kg	20	43.2		39.0		10		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168472BS							
Aluminum	mg/Kg	100	104		104	80 - 120	P
Antimony	mg/Kg	40.0	42.3		106	80 - 120	P
Arsenic	mg/Kg	40.0	38.2		96	80 - 120	P
Barium	mg/Kg	10.0	10.6		106	80 - 120	P
Beryllium	mg/Kg	10.0	11.1		111	80 - 120	P
Cadmium	mg/Kg	10.0	9.93		99	80 - 120	P
Calcium	mg/Kg	50.0	53.1	J	106	80 - 120	P
Chromium	mg/Kg	20.0	20.5		102	80 - 120	P
Cobalt	mg/Kg	10.0	10.0		100	80 - 120	P
Copper	mg/Kg	15.0	17.3		115	80 - 120	P
Iron	mg/Kg	150	168		112	80 - 120	P
Lead	mg/Kg	50.0	49.1		98	80 - 120	P
Magnesium	mg/Kg	100	106		106	80 - 120	P
Manganese	mg/Kg	10.0	10.6		106	80 - 120	P
Nickel	mg/Kg	25.0	25.4		102	80 - 120	P
Potassium	mg/Kg	500	474		95	80 - 120	P
Selenium	mg/Kg	100	103		103	80 - 120	P
Silver	mg/Kg	3.8	3.85		101	80 - 120	P
Sodium	mg/Kg	150	157		105	80 - 120	P
Thallium	mg/Kg	100	106		106	80 - 120	P
Vanadium	mg/Kg	15.0	15.1		101	80 - 120	P
Zinc	mg/Kg	10.0	11.1		111	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168482BS Mercury	mg/Kg	0.26	0.26		101	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B-170-SB03L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb136159 Lab Sample ID : Q2303-02L SDG No.: Q2303

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Mercury	0.87	OR	0.72		17		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-7L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb136187 Lab Sample ID : Q2310-01L SDG No.: Q2303

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	5180		6810		31		P
Antimony	0.94	J	12.4	U	100.0		P
Arsenic	3.11		3.71	J	19		P
Barium	40.7		53.2		31		P
Beryllium	0.53		0.71	J	34		P
Cadmium	0.30	U	1.49	U			P
Calcium	1790		2310		29		P
Chromium	10.5		13.7		30		P
Cobalt	7.73		8.03		4		P
Copper	36.3		49.7		37		P
Iron	11700		15300		31		P
Lead	14.3		14.9		4		P
Magnesium	2850		3780		33		P
Manganese	378		509		35		P
Nickel	14.1		14.0		1		P
Potassium	957		1030		8		P
Selenium	1.61		1.91	J	18		P
Silver	0.50		0.80	J	60		P
Sodium	699		916		31		P
Thallium	1.99	U	9.93	U			P
Vanadium	15.8		21.5		37		P
Zinc	33.4		44.2		33		P

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** LB136159

Start date: 06/16/2025 **End date:** 06/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1225	HG
S0.2	S0.2	1	1227	HG
S2.5	S2.5	1	1229	HG
S5	S5	1	1231	HG
S7.5	S7.5	1	1234	HG
S10	S10	1	1244	HG
ICV39	ICV39	1	1252	HG
ICB39	ICB39	1	1254	HG
CCV45	CCV45	1	1256	HG
CCB45	CCB45	1	1258	HG
CRA	CRA	1	1301	HG
PB168482BL	PB168482BL	1	1308	HG
PB168482BS	PB168482BS	1	1313	HG
Q2303-01	B-165-SB01	1	1315	HG
CCV46	CCV46	1	1330	HG
CCB46	CCB46	1	1333	HG
Q2303-02L	B-170-SB03L	5	1344	HG
CCV47	CCV47	1	1349	HG
CCB47	CCB47	1	1352	HG
Q2303-02	B-170-SB03	2	1354	HG
Q2303-02DUP	B-170-SB03DUP	2	1356	HG
Q2303-02MS	B-170-SB03MS	2	1359	HG
Q2303-02MSD	B-170-SB03MSD	2	1404	HG
CCV48	CCV48	1	1411	HG
CCB48	CCB48	1	1414	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** lb136164

Start date: 06/16/2025 **End date:** 06/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1252	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	1256	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	1301	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	1305	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	1309	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	1313	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	1403	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	1442	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	1449	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	1453	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	1459	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	1506	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	1526	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	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2303-01	B-165-SB01	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2303-02	B-170-SB03	1	1553	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	1629	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	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168472BL	PB168472BL	1	1644	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168472BS	PB168472BS	1	1648	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	1731	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	1749	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	1829	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	1833	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	1917	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	1921	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	2004	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	2008	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	2052	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	2056	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	2114	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	2118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** LB136187

Start date: 06/17/2025 **End date:** 06/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1158	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	1203	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	1207	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	1211	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	1216	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	1220	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	1225	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	1241	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	1246	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	1250	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	1311	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	1322	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	1340	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	1348	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	1443	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	1450	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	1538	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	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01DUP	TP-7DUP	1	1608	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01L	TP-7L	5	1612	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01MS	TP-7MS	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01MSD	TP-7MSD	1	1621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01A	TP-7A	1	1625	Ag,Cr,Cu,K,Sb,Se,V,Zn
CCV04	CCV04	1	1630	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	1634	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	1737	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	1741	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	1838	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	1842	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	1925	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	1930	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	2017	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	2022	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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Contract: PORT06

Lab Code: CHEM

Case No.: Q2303

SAS No.: Q2303

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Contract: PORT06

Lab Code: CHEM

Case No.: Q2303

SAS No.: Q2303

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Contract: PORT06

Lab Code: CHEM

Case No.: Q2303

SAS No.: Q2303

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Contract: PORT06

Lab Code: CHEM

Case No.: Q2303

SAS No.: Q2303

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2303

Contract: PORT06

Lab Code: CHEM

Case No.: Q2303

SAS No.: Q2303

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

LAB CHRONICLE

OrderID:	Q2303	OrderDate:	6/12/2025 12:09:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2303-01	B-165-SB01	SOIL	Mercury	7471B	06/11/25	06/13/25	06/16/25	06/11/25
			Metals ICP-TAL	6010D		06/13/25	06/16/25	
Q2303-02	B-170-SB03	SOIL	Mercury	7471B	06/11/25	06/13/25	06/16/25	06/11/25
			Metals ICP-TAL	6010D		06/13/25	06/16/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2303</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2303</u>
		SAS No.:	<u>Q2303</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168472							
PB168472BL	PB168472BL	MB	SOLID	06/13/2025	2.00	100.0	100.00
PB168472BS	PB168472BS	LCS	SOLID	06/13/2025	2.00	100.0	100.00
Q2303-01	B-165-SB01	SAM	SOLID	06/13/2025	2.30	100.0	83.60
Q2303-02	B-170-SB03	SAM	SOLID	06/13/2025	2.21	100.0	92.70
Q2310-01DUP	TP-7DUP	DUP	SOLID	06/13/2025	2.44	100.0	88.70
Q2310-01MS	TP-7MS	MS	SOLID	06/13/2025	2.25	100.0	88.70
Q2310-01MSD	TP-7MSD	MSD	SOLID	06/13/2025	2.35	100.0	88.70

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2303</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2303</u>
		SAS No.:	<u>Q2303</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168482							
PB168482BL	PB168482BL	MB	SOLID	06/13/2025	0.52	35.0	100.00
PB168482BS	PB168482BS	LCS	SOLID	06/13/2025	0.54	35.0	100.00
Q2303-01	B-165-SB01	SAM	SOLID	06/13/2025	0.53	35.0	83.60
Q2303-02	B-170-SB03	SAM	SOLID	06/13/2025	0.57	35.0	92.70
Q2303-02DUP	B-170-SB03DUP	DUP	SOLID	06/13/2025	0.55	35.0	92.70
Q2303-02MS	B-170-SB03MS	MS	SOLID	06/13/2025	0.53	35.0	92.70
Q2303-02MSD	B-170-SB03MSD	MSD	SOLID	06/13/2025	0.54	35.0	92.70

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136159

Review By	MOHAN	Review On	6/16/2025 4:38:10 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:53:17 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976		
ICV Standard	MP85977		
CCV Standard	MP85979		
ICSA Standard			
CRI Standard	MP85981		
LCS Standard			
Chk Standard	MP85978,MP85980,MP85982,MP85986		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/16/25 12:25		MOHAN	OK
2	S0.2	S0.2	CAL2	06/16/25 12:27		MOHAN	OK
3	S2.5	S2.5	CAL3	06/16/25 12:29		MOHAN	OK
4	S5	S5	CAL4	06/16/25 12:31		MOHAN	OK
5	S7.5	S7.5	CAL5	06/16/25 12:34		MOHAN	OK
6	S10	S10	CAL6	06/16/25 12:44		MOHAN	OK
7	ICV39	ICV39	ICV	06/16/25 12:52		MOHAN	OK
8	ICB39	ICB39	ICB	06/16/25 12:54		MOHAN	OK
9	CCV45	CCV45	CCV	06/16/25 12:56		MOHAN	OK
10	CCB45	CCB45	CCB	06/16/25 12:58		MOHAN	OK
11	CRA	CRA	CRDL	06/16/25 13:01		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/16/25 13:03		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/16/25 13:05		MOHAN	OK
14	PB168482BL	PB168482BL	MB	06/16/25 13:08		MOHAN	OK
15	PB168482BS	PB168482BS	LCS	06/16/25 13:13		MOHAN	OK
16	Q2303-01	B-165-SB01	SAM	06/16/25 13:15		MOHAN	OK
17	Q2303-02	B-170-SB03	SAM	06/16/25 13:17	Hg High	MOHAN	Dilution
18	Q2303-02DUP	B-170-SB03DUP	DUP	06/16/25 13:20	Hg High	MOHAN	Dilution

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136159

Review By	MOHAN	Review On	6/16/2025 4:38:10 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:53:17 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976		
ICV Standard	MP85977		
CCV Standard	MP85979		
ICSA Standard			
CRI Standard	MP85981		
LCS Standard			
Chk Standard	MP85978,MP85980,MP85982,MP85986		

19	Q2303-02MS	B-170-SB03MS	MS	06/16/25 13:22	Hg High	MOHAN	Dilution
20	Q2303-02MSD	B-170-SB03MSD	MSD	06/16/25 13:28	Hg High	MOHAN	Dilution
21	CCV46	CCV46	CCV	06/16/25 13:30		MOHAN	OK
22	CCB46	CCB46	CCB	06/16/25 13:33		MOHAN	OK
23	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 13:35		MOHAN	OK
24	Q2311-05	TP04-MH4-WC	SAM	06/16/25 13:38		MOHAN	OK
25	Q2319-01	MH-B	SAM	06/16/25 13:40		MOHAN	OK
26	Q2328-01	CHRT25653	SAM	06/16/25 13:42		MOHAN	OK
27	Q2303-02L	B-170-SB03L	SD	06/16/25 13:44		MOHAN	OK
28	Q2303-02A	B-170-SB03A	PS	06/16/25 13:47	Hg High	MOHAN	Dilution
29	CCV47	CCV47	CCV	06/16/25 13:49		MOHAN	OK
30	CCB47	CCB47	CCB	06/16/25 13:52		MOHAN	OK
31	Q2303-02DL	B-170-SB03DL	SAM	06/16/25 13:54	2X For Hg	MOHAN	Confirms
32	Q2303-02DUPDL	B-170-SB03DUPDL	DUP	06/16/25 13:56	2X For Hg	MOHAN	Confirms
33	Q2303-02MSDL	B-170-SB03MSDL	MS	06/16/25 13:59	2X For Hg	MOHAN	Confirms
34	Q2303-02MSDDL	B-170-SB03MSDDL	MSD	06/16/25 14:04	2X For Hg	MOHAN	Confirms
35	Q2303-02LDL	B-170-SB03LDL	SD	06/16/25 14:07	Not Required	MOHAN	Not Ok
36	Q2303-02ADL	B-170-SB03ADL	PS	06/16/25 14:09	2X For Hg	MOHAN	Confirms
37	CCV48	CCV48	CCV	06/16/25 14:11		MOHAN	OK
38	CCB48	CCB48	CCB	06/16/25 14:14		MOHAN	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
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	06/16/25 12:52		Jaswal	OK
2	S1	S1	CAL2	06/16/25 12:56		Jaswal	OK
3	S2	S2	CAL3	06/16/25 13:01		Jaswal	OK
4	S3	S3	CAL4	06/16/25 13:05		Jaswal	OK
5	S4	S4	CAL5	06/16/25 13:09		Jaswal	OK
6	S5	S5	CAL6	06/16/25 13:13		Jaswal	OK
7	ICV01	ICV01	ICV	06/16/25 14:03		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/16/25 14:42		Jaswal	OK
9	ICB01	ICB01	ICB	06/16/25 14:49		Jaswal	OK
10	CRI01	CRI01	CRDL	06/16/25 14:53		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/16/25 14:59		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/16/25 15:06		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/16/25 15:12		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/16/25 15:20		Jaswal	OK
15	CCV01	CCV01	CCV	06/16/25 15:26		Jaswal	OK
16	CCB01	CCB01	CCB	06/16/25 15:30		Jaswal	OK
17	Q2287-02	CONCRETE-SLAB	SAM	06/16/25 15:35		Jaswal	OK
18	Q2295-04	TP01-MH1-WC	SAM	06/16/25 15:40		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

19	Q2295-08	TP02-MH5-WC	SAM	06/16/25 15:44		Jaswal	OK
20	Q2303-01	B-165-SB01	SAM	06/16/25 15:49		Jaswal	OK
21	Q2303-02	B-170-SB03	SAM	06/16/25 15:53		Jaswal	OK
22	Q2308-01	EO-02-06122025	SAM	06/16/25 15:58		Jaswal	OK
23	Q2328-01	CHRT25653	SAM	06/16/25 16:02		Jaswal	OK
24	PB168428TB	PB168428TB	MB	06/16/25 16:06		Jaswal	OK
25	PB168477BL	PB168477BL	MB	06/16/25 16:15		Jaswal	OK
26	PB168477BS	PB168477BS	LCS	06/16/25 16:19		Jaswal	OK
27	CCV02	CCV02	CCV	06/16/25 16:29		Jaswal	OK
28	CCB02	CCB02	CCB	06/16/25 16:34		Jaswal	OK
29	PB168472BL	PB168472BL	MB	06/16/25 16:44		Jaswal	OK
30	PB168472BS	PB168472BS	LCS	06/16/25 16:48		Jaswal	OK
31	Q2296-04	WC-1	SAM	06/16/25 16:54		Jaswal	OK
32	Q2296-08	WC-2	SAM	06/16/25 16:59		Jaswal	OK
33	Q2296-12	WC-3	SAM	06/16/25 17:03		Jaswal	OK
34	Q2296-16	WC-4	SAM	06/16/25 17:08		Jaswal	OK
35	Q2296-20	WC-5	SAM	06/16/25 17:12		Jaswal	OK
36	Q2296-24	WC-6	SAM	06/16/25 17:17		Jaswal	OK
37	Q2297-04	TP-3	SAM	06/16/25 17:21		Jaswal	OK
38	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 17:26		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

39	CCV03	CCV03	CCV	06/16/25 17:31		Jaswal	OK
40	CCB03	CCB03	CCB	06/16/25 17:49		Jaswal	OK
41	Q2310-04	TP-7	SAM	06/16/25 17:54		Jaswal	OK
42	Q2310-04DUP	TP-7DUP	DUP	06/16/25 17:58		Jaswal	OK
43	Q2310-04L	TP-7L	SD	06/16/25 18:03		Jaswal	OK
44	Q2310-04MS	TP-7MS	MS	06/16/25 18:07		Jaswal	OK
45	Q2310-04MSD	TP-7MSD	MSD	06/16/25 18:11		Jaswal	OK
46	Q2310-04A	TP-7A	PS	06/16/25 18:16		Jaswal	OK
47	Q2298-01	AU-05-061125	SAM	06/16/25 18:20		Jaswal	OK
48	Q2305-01	TR-04-06122025	SAM	06/16/25 18:25		Jaswal	OK
49	CCV04	CCV04	CCV	06/16/25 18:29		Jaswal	OK
50	CCB04	CCB04	CCB	06/16/25 18:33		Jaswal	OK
51	Q2307-01	LINDEN-SAA	SAM	06/16/25 18:38	CCB5 fail for Cd	Jaswal	Not Ok
52	Q2310-01	TP-7	SAM	06/16/25 18:42	CCB5 fail for Cd	Jaswal	Not Ok
53	Q2310-01DUP	TP-7DUP	DUP	06/16/25 18:46	CCB5 fail for Cd	Jaswal	Not Ok
54	Q2310-01L	TP-7L	SD	06/16/25 18:51	CCB5 fail for Cd	Jaswal	Not Ok
55	Q2310-01MS	TP-7MS	MS	06/16/25 18:55	CCB5 fail for Cd	Jaswal	Not Ok
56	Q2310-01MSD	TP-7MSD	MSD	06/16/25 18:59	CCB5 fail for Cd	Jaswal	Not Ok
57	Q2310-01A	TP-7A	PS	06/16/25 19:04	CCB5 fail for Cd	Jaswal	Not Ok
58	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 19:08	CCB5 fail for Cd	Jaswal	Not Ok

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

59	Q2311-05	TP04-MH4-WC	SAM	06/16/25 19:12	CCB5 fail for Cd	Jaswal	Not Ok
60	CCV05	CCV05	CCV	06/16/25 19:17		Jaswal	OK
61	CCB05	CCB05	CCB	06/16/25 19:21	Fail for Cd	Jaswal	OK
62	Q2296-01	WC-1	SAM	06/16/25 19:25	CCB5 fail for Cd	Jaswal	Not Ok
63	Q2296-01DUP	WC-1DUP	DUP	06/16/25 19:30	CCB5 fail for Cd	Jaswal	Not Ok
64	Q2296-01L	WC-1L	SD	06/16/25 19:34	CCB5 fail for Cd	Jaswal	Not Ok
65	Q2296-01MS	WC-1MS	MS	06/16/25 19:38	CCB5 fail for Cd	Jaswal	Not Ok
66	Q2296-01MSD	WC-1MSD	MSD	06/16/25 19:42	CCB5 fail for Cd	Jaswal	Not Ok
67	Q2296-01A	WC-1A	PS	06/16/25 19:47	CCB5 fail for Cd	Jaswal	Not Ok
68	Q2296-09	WC-3	SAM	06/16/25 19:51	CCB5 fail for Cd	Jaswal	Not Ok
69	Q2296-13	WC-4	SAM	06/16/25 19:55	CCB5 fail for Cd	Jaswal	Not Ok
70	Q2296-17	WC-5	SAM	06/16/25 20:00	CCB5 fail for Cd	Jaswal	Not Ok
71	CCV06	CCV06	CCV	06/16/25 20:04		Jaswal	OK
72	CCB06	CCB06	CCB	06/16/25 20:08		Jaswal	OK
73	Q2296-21	WC-6	SAM	06/16/25 20:13		Jaswal	Not Ok
74	Q2297-01	TP-3	SAM	06/16/25 20:17		Jaswal	OK
75	Q2307-03DL	LINDEN-SAA-WATER	SAM	06/16/25 20:22	Report straight 5X	Jaswal	Not Ok
76	Q2316-01	RW8-SP100-2025061	SAM	06/16/25 20:26		Jaswal	OK
77	Q2316-02	RW8-SP303-2025061	SAM	06/16/25 20:30		Jaswal	OK
78	Q2316-02DUP	RW8-SP303-2025061	DUP	06/16/25 20:35		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

79	Q2316-02L	RW8-SP303-2025061	SD	06/16/25 20:39		Jaswal	OK
80	Q2316-02MS	RW8-SP303-2025061	MS	06/16/25 20:43		Jaswal	OK
81	Q2316-02MSD	RW8-SP303-2025061	MSD	06/16/25 20:48		Jaswal	OK
82	CCV07	CCV07	CCV	06/16/25 20:52		Jaswal	OK
83	CCB07	CCB07	CCB	06/16/25 20:56		Jaswal	OK
84	Q2316-02A	RW8-SP303-2025061	PS	06/16/25 21:01		Jaswal	OK
85	CCV08	CCV08	CCV	06/16/25 21:14		Jaswal	OK
86	CCB08	CCB08	CCB	06/16/25 21:18		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
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	06/17/25 11:58		Jaswal	OK
2	S1	S1	CAL2	06/17/25 12:03		Jaswal	OK
3	S2	S2	CAL3	06/17/25 12:07		Jaswal	OK
4	S3	S3	CAL4	06/17/25 12:11		Jaswal	OK
5	S4	S4	CAL5	06/17/25 12:16		Jaswal	OK
6	S5	S5	CAL6	06/17/25 12:20		Jaswal	OK
7	ICV01	ICV01	ICV	06/17/25 12:25		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/17/25 12:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/17/25 12:46		Jaswal	OK
10	CRI01	CRI01	CRDL	06/17/25 12:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/17/25 13:11		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/17/25 13:22		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/17/25 13:28		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/17/25 13:35		Jaswal	OK
15	CCV01	CCV01	CCV	06/17/25 13:40		Jaswal	OK
16	CCB01	CCB01	CCB	06/17/25 13:48		Jaswal	OK
17	Q2264-04	EF-WW	SAM	06/17/25 13:53		Jaswal	OK
18	Q2264-04L	EF-WWL	SD	06/17/25 14:02		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

19	Q2264-04MS	EF-WWMS	MS	06/17/25 14:06		Jaswal	OK
20	Q2264-04MSD	EF-WWMSD	MSD	06/17/25 14:11		Jaswal	OK
21	Q2264-04A	EF-WWA	PS	06/17/25 14:15	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
22	Q2264-04DUP	EF-WWDUP	DUP	06/17/25 14:21		Jaswal	OK
23	Q2290-01	Outfall 1	SAM	06/17/25 14:25		Jaswal	OK
24	Q2290-02	Outfall 2	SAM	06/17/25 14:30		Jaswal	OK
25	Q2291-01	Outfall 001	SAM	06/17/25 14:34		Jaswal	OK
26	Q2292-01	SW-1	SAM	06/17/25 14:39		Jaswal	OK
27	CCV02	CCV02	CCV	06/17/25 14:43		Jaswal	OK
28	CCB02	CCB02	CCB	06/17/25 14:50		Jaswal	OK
29	Q2292-02	SW-2	SAM	06/17/25 14:54		Jaswal	OK
30	Q2293-01	SW-3	SAM	06/17/25 14:59		Jaswal	OK
31	Q2312-01	TP-1	SAM	06/17/25 15:03		Jaswal	OK
32	Q2319-01	MH-B	SAM	06/17/25 15:07		Jaswal	OK
33	Q2322-01	CL-01-061325	SAM	06/17/25 15:12		Jaswal	OK
34	Q2323-01	PL-01-06132025	SAM	06/17/25 15:16		Jaswal	OK
35	Q2324-01	HD-01-6132025	SAM	06/17/25 15:20		Jaswal	OK
36	Q2325-01	TP-8	SAM	06/17/25 15:25		Jaswal	OK
37	Q2325-01DUP	TP-8DUP	DUP	06/17/25 15:29		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

38	Q2325-01L	TP-8L	SD	06/17/25 15:34		Jaswal	OK
39	CCV03	CCV03	CCV	06/17/25 15:38		Jaswal	OK
40	CCB03	CCB03	CCB	06/17/25 15:42		Jaswal	OK
41	Q2325-01MS	TP-8MS	MS	06/17/25 15:46		Jaswal	OK
42	Q2325-01MSD	TP-8MSD	MSD	06/17/25 15:51		Jaswal	OK
43	Q2325-01A	TP-8A	PS	06/17/25 15:55	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
44	Q2307-01	LINDEN-SAA	SAM	06/17/25 15:59		Jaswal	OK
45	Q2310-01	TP-7	SAM	06/17/25 16:04		Jaswal	OK
46	Q2310-01DUP	TP-7DUP	DUP	06/17/25 16:08		Jaswal	OK
47	Q2310-01L	TP-7L	SD	06/17/25 16:12		Jaswal	OK
48	Q2310-01MS	TP-7MS	MS	06/17/25 16:17		Jaswal	OK
49	Q2310-01MSD	TP-7MSD	MSD	06/17/25 16:21		Jaswal	OK
50	Q2310-01A	TP-7A	PS	06/17/25 16:25	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
51	CCV04	CCV04	CCV	06/17/25 16:30		Jaswal	OK
52	CCB04	CCB04	CCB	06/17/25 16:34		Jaswal	OK
53	PB168444BL	PB168444BL	MB	06/17/25 16:40		Jaswal	OK
54	PB168444BS	PB168444BS	LCS	06/17/25 16:49		Jaswal	OK
55	PB168489BL	PB168489BL	MB	06/17/25 17:00		Jaswal	OK
56	PB168489BS	PB168489BS	LCS	06/17/25 17:05		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

57	PB168475BL	PB168475BL	MB	06/17/25 17:10		Jaswal	OK
58	PB168475BS	PB168475BS	LCS	06/17/25 17:14		Jaswal	OK
59	PB168490BL	PB168490BL	MB	06/17/25 17:19		Jaswal	OK
60	PB168490BS	PB168490BS	LCS	06/17/25 17:23		Jaswal	OK
61	Q2311-08	TP04-MH4-WC	SAM	06/17/25 17:27		Jaswal	OK
62	Q2311-04	TP03-MH2MH3-WC	SAM	06/17/25 17:32		Jaswal	OK
63	CCV05	CCV05	CCV	06/17/25 17:37		Jaswal	OK
64	CCB05	CCB05	CCB	06/17/25 17:41		Jaswal	OK
65	Q2334-01	MW3	SAM	06/17/25 17:50		Jaswal	OK
66	Q2334-01DUP	MW3DUP	DUP	06/17/25 17:54		Jaswal	OK
67	Q2334-01L	MW3L	SD	06/17/25 17:59		Jaswal	OK
68	Q2334-01MS	MW3MS	MS	06/17/25 18:03		Jaswal	OK
69	Q2334-01MSD	MW3MSD	MSD	06/17/25 18:07		Jaswal	OK
70	Q2334-02	MW4	SAM	06/17/25 18:16		Jaswal	OK
71	Q2334-01A	MW3A	PS	06/17/25 18:20	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
72	Q2334-03DL	GBTW1DL	SAM	06/17/25 18:25		Jaswal	OK
73	Q2296-13	WC-4	SAM	06/17/25 18:29		Jaswal	OK
74	Q2296-17	WC-5	SAM	06/17/25 18:33		Jaswal	OK
75	CCV06	CCV06	CCV	06/17/25 18:38		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

76	CCB06	CCB06	CCB	06/17/25 18:42		Jaswal	OK
77	Q2311-01	TP03-MH2MH3-WC	SAM	06/17/25 18:47		Jaswal	OK
78	Q2311-05	TP04-MH4-WC	SAM	06/17/25 18:51		Jaswal	OK
79	Q2296-01	WC-1	SAM	06/17/25 18:55		Jaswal	OK
80	Q2296-01DUP	WC-1DUP	DUP	06/17/25 19:00		Jaswal	OK
81	Q2296-01L	WC-1L	SD	06/17/25 19:04		Jaswal	OK
82	Q2296-01MS	WC-1MS	MS	06/17/25 19:08		Jaswal	OK
83	Q2296-01MSD	WC-1MSD	MSD	06/17/25 19:12		Jaswal	OK
84	Q2296-01A	WC-1A	PS	06/17/25 19:17	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
85	Q2296-09	WC-3	SAM	06/17/25 19:21		Jaswal	OK
86	CCV07	CCV07	CCV	06/17/25 19:25		Jaswal	OK
87	CCB07	CCB07	CCB	06/17/25 19:30		Jaswal	OK
88	Q2296-21	WC-6	SAM	06/17/25 19:34		Jaswal	OK
89	Q2297-01	TP-3	SAM	06/17/25 19:38		Jaswal	OK
90	Q2307-03DL	LINDEN-SAA-WATER	SAM	06/17/25 19:43		Jaswal	OK
91	Q2316-01	RW8-SP100-2025061	SAM	06/17/25 19:47		Jaswal	OK
92	Q2316-02	RW8-SP303-2025061	SAM	06/17/25 19:51		Jaswal	OK
93	Q2316-02DUP	RW8-SP303-2025061	DUP	06/17/25 19:56		Jaswal	OK
94	Q2316-02L	RW8-SP303-2025061	SD	06/17/25 20:00		Jaswal	OK

Instrument ID: P5

Daily Analysis Runlog For Sequence/QC Batch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872,MP85897		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

95	Q2316-02MS	RW8-SP303-2025061	MS	06/17/25 20:04		Jaswal	OK
96	Q2316-02MSD	RW8-SP303-2025061	MSD	06/17/25 20:09		Jaswal	OK
97	Q2316-02A	RW8-SP303-2025061	PS	06/17/25 20:13	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
98	CCV08	CCV08	CCV	06/17/25 20:17		Jaswal	OK
99	CCB08	CCB08	CCB	06/17/25 20:22		Jaswal	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 06/13/2025 Time : 11:15 Temp : 96 °C

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

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SJS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard 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#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 14:20	<i>SJS met. dig</i>	<i>[Signature] (Metals Lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168472BL	PBS472	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168472BS	LCS472	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2298-01	AU-05-061125	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	3
Q2303-01	B-165-SB01	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	4
Q2303-02	B-170-SB03	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	5
Q2305-01	TR-04-06122025	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	6
Q2307-01	LINDEN-SAA	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	7
Q2308-01	EO-02-06122025	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	8
Q2310-01	TP-7	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	9
Q2310-01MS	TP-7MS	N/A	2.25	100	Brown	Yellow	Medium	N/A	M6007,M6016	11
Q2310-01MSD	TP-7MSD	N/A	2.35	100	Brown	Yellow	Medium	N/A	M6007,M6016	12
Q2310-01DUP	TP-7DUP	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	10
Q2311-01	TP03-MH2MH3-WC	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	13
Q2311-05	TP04-MH2MH3-WC	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	14

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette 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: 06/13/2025 Time : 16:00 Temp : 94 °C

End Digest Date: 06/13/2025 Time : 16:30 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: [Signature]

Supervisor Signature: [Signature]

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85977
CCV	30mL	MP85979
CRA	30mL	MP85981
Blank Spike	0.48mL	MP85970
Matrix Spike	0.48mL	MP85970

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85983
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
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	MP85971
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85972
2.5 ppb	S2.5	30mL	MP85973
5.0 ppb	S5.0	30mL	MP85974
7.5 ppb	S7.5	30mL	MP85975
10.0 ppb	S10.0	30mL	MP85976
ICV	ICV	30mL	MP85977
ICB	ICB	30mL	MP85978
CCV	CCV	30mL	MP85979
CCB	CCB	30mL	MP85980
CRI	CRI	30mL	MP85981
CHK STD	CHK STD	30mL	MP85982

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/13/25 @ 17:10	[Signature] Dig Lab	[Signature] Mercury Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168482BL	PBS482	0.52	35	NA	N/A	3-1
PB168482BS	LCS482	0.54	35	NA	MP85970	2
Q2303-01	B-165-SB01	0.53	35	NA	N/A	3
Q2303-02	B-170-SB03	0.57	35	NA	N/A	4
Q2303-02DUP	B-170-SB03DUP	0.55	35	NA	N/A	5
Q2303-02MS	B-170-SB03MS	0.53	35	NA	MP85970	6
Q2303-02MSD	B-170-SB03MSD	0.54	35	NA	MP85970	7
Q2311-01	TP03-MH2MH3-WC	0.52	35	NA	N/A	8
Q2311-05	TP04-MH2MH3-WC	0.51	35	NA	N/A	9
Q2319-01	MH-B	0.50	35	NA	N/A	10
Q2328-01	CHRT25653	0.54	35	NA	N/A	11