



Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV55	Mercury	3.70	4.0	92	90 - 110	CV	10/28/2024	11:09	LB133167

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
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
CCV79	Mercury	5.23	5.0	105	90 - 110	CV	10/28/2024	11:16	LB133167
CCV80	Mercury	4.95	5.0	99	90 - 110	CV	10/28/2024	11:48	LB133167
CCV81	Mercury	4.98	5.0	100	90 - 110	CV	10/28/2024	12:09	LB133167

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
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
ICV57	Mercury	4.16	4.0	104	90 - 110	CV	10/29/2024	10:32	LB133185

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
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
CCV86	Mercury	5.13	5.0	103	90 - 110	CV	10/29/2024	10:36	LB133185
CCV87	Mercury	5.18	5.0	104	90 - 110	CV	10/29/2024	11:04	LB133185
CCV88	Mercury	5.28	5.0	106	90 - 110	CV	10/29/2024	11:32	LB133185
CCV89	Mercury	5.26	5.0	105	90 - 110	CV	10/29/2024	11:57	LB133185

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	2490	2500	100	90 - 110	P	10/28/2024	12:57	LB133175
	Antimony	1020	1000	102	90 - 110	P	10/28/2024	12:57	LB133175
	Arsenic	975	1000	98	90 - 110	P	10/28/2024	12:57	LB133175
	Barium	483	520	93	90 - 110	P	10/28/2024	12:57	LB133175
	Beryllium	490	510	96	90 - 110	P	10/28/2024	12:57	LB133175
	Cadmium	494	510	97	90 - 110	P	10/28/2024	12:57	LB133175
	Calcium	9820	10000	98	90 - 110	P	10/28/2024	12:57	LB133175
	Chromium	532	520	102	90 - 110	P	10/28/2024	12:57	LB133175
	Cobalt	528	520	102	90 - 110	P	10/28/2024	12:57	LB133175
	Copper	497	510	97	90 - 110	P	10/28/2024	12:57	LB133175
	Iron	10100	10000	101	90 - 110	P	10/28/2024	12:57	LB133175
	Lead	983	1000	98	90 - 110	P	10/28/2024	12:57	LB133175
	Magnesium	5750	6000	96	90 - 110	P	10/28/2024	12:57	LB133175
	Manganese	491	520	94	90 - 110	P	10/28/2024	12:57	LB133175
	Nickel	531	530	100	90 - 110	P	10/28/2024	12:57	LB133175
	Potassium	10500	9900	106	90 - 110	P	10/28/2024	12:57	LB133175
	Selenium	1010	1000	101	90 - 110	P	10/28/2024	12:57	LB133175
	Silver	273	250	109	90 - 110	P	10/28/2024	12:57	LB133175
	Sodium	9920	10000	99	90 - 110	P	10/28/2024	12:57	LB133175
	Thallium	970	1000	97	90 - 110	P	10/28/2024	12:57	LB133175
	Vanadium	485	500	97	90 - 110	P	10/28/2024	12:57	LB133175
	Zinc	1100	1000	110	90 - 110	P	10/28/2024	12:57	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
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	107	100	107	80 - 120	P	10/28/2024	13:04	LB133175
	Antimony	50.7	50.0	101	80 - 120	P	10/28/2024	13:04	LB133175
	Arsenic	18.8	20.0	94	80 - 120	P	10/28/2024	13:04	LB133175
	Barium	94.7	100	95	80 - 120	P	10/28/2024	13:04	LB133175
	Beryllium	5.67	6.0	94	80 - 120	P	10/28/2024	13:04	LB133175
	Cadmium	5.66	6.0	94	80 - 120	P	10/28/2024	13:04	LB133175
	Calcium	1960	2000	98	80 - 120	P	10/28/2024	13:04	LB133175
	Chromium	9.20	10.0	92	80 - 120	P	10/28/2024	13:04	LB133175
	Cobalt	29.9	30.0	100	80 - 120	P	10/28/2024	13:04	LB133175
	Copper	21.5	20.0	108	80 - 120	P	10/28/2024	13:04	LB133175
	Iron	107	100	107	80 - 120	P	10/28/2024	13:04	LB133175
	Lead	11.0	12.0	92	80 - 120	P	10/28/2024	13:04	LB133175
	Magnesium	1920	2000	96	80 - 120	P	10/28/2024	13:04	LB133175
	Manganese	19.2	20.0	96	80 - 120	P	10/28/2024	13:04	LB133175
	Nickel	39.8	40.0	100	80 - 120	P	10/28/2024	13:04	LB133175
	Potassium	2020	2000	101	80 - 120	P	10/28/2024	13:04	LB133175
	Selenium	18.6	20.0	93	80 - 120	P	10/28/2024	13:04	LB133175
	Silver	11.3	10.0	113	80 - 120	P	10/28/2024	13:04	LB133175
	Sodium	1850	2000	92	80 - 120	P	10/28/2024	13:04	LB133175
	Thallium	36.2	40.0	90	80 - 120	P	10/28/2024	13:04	LB133175
	Vanadium	38.7	40.0	97	80 - 120	P	10/28/2024	13:04	LB133175
	Zinc	38.8	40.0	97	80 - 120	P	10/28/2024	13:04	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	9650	10000	96	90 - 110	P	10/28/2024	13:35	LB133175
	Antimony	4940	5000	99	90 - 110	P	10/28/2024	13:35	LB133175
	Arsenic	4870	5000	97	90 - 110	P	10/28/2024	13:35	LB133175
	Barium	9340	10000	93	90 - 110	P	10/28/2024	13:35	LB133175
	Beryllium	240	250	96	90 - 110	P	10/28/2024	13:35	LB133175
	Cadmium	2430	2500	97	90 - 110	P	10/28/2024	13:35	LB133175
	Calcium	23700	25000	95	90 - 110	P	10/28/2024	13:35	LB133175
	Chromium	969	1000	97	90 - 110	P	10/28/2024	13:35	LB133175
	Cobalt	2420	2500	97	90 - 110	P	10/28/2024	13:35	LB133175
	Copper	1240	1250	99	90 - 110	P	10/28/2024	13:35	LB133175
	Iron	4970	5000	100	90 - 110	P	10/28/2024	13:35	LB133175
	Lead	4840	5000	97	90 - 110	P	10/28/2024	13:35	LB133175
	Magnesium	23800	25000	95	90 - 110	P	10/28/2024	13:35	LB133175
	Manganese	2310	2500	92	90 - 110	P	10/28/2024	13:35	LB133175
	Nickel	2430	2500	97	90 - 110	P	10/28/2024	13:35	LB133175
	Potassium	25200	25000	101	90 - 110	P	10/28/2024	13:35	LB133175
	Selenium	4920	5000	98	90 - 110	P	10/28/2024	13:35	LB133175
	Silver	1260	1250	101	90 - 110	P	10/28/2024	13:35	LB133175
	Sodium	24700	25000	99	90 - 110	P	10/28/2024	13:35	LB133175
	Thallium	4620	5000	92	90 - 110	P	10/28/2024	13:35	LB133175
	Vanadium	2390	2500	96	90 - 110	P	10/28/2024	13:35	LB133175
	Zinc	2550	2500	102	90 - 110	P	10/28/2024	13:35	LB133175
CCV02	Aluminum	9710	10000	97	90 - 110	P	10/28/2024	14:25	LB133175
	Antimony	4980	5000	100	90 - 110	P	10/28/2024	14:25	LB133175
	Arsenic	4910	5000	98	90 - 110	P	10/28/2024	14:25	LB133175
	Barium	9410	10000	94	90 - 110	P	10/28/2024	14:25	LB133175
	Beryllium	240	250	96	90 - 110	P	10/28/2024	14:25	LB133175
	Cadmium	2440	2500	98	90 - 110	P	10/28/2024	14:25	LB133175
	Calcium	23800	25000	95	90 - 110	P	10/28/2024	14:25	LB133175
	Chromium	959	1000	96	90 - 110	P	10/28/2024	14:25	LB133175
	Cobalt	2430	2500	97	90 - 110	P	10/28/2024	14:25	LB133175
	Copper	1250	1250	100	90 - 110	P	10/28/2024	14:25	LB133175
	Iron	4830	5000	97	90 - 110	P	10/28/2024	14:25	LB133175
	Lead	4860	5000	97	90 - 110	P	10/28/2024	14:25	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23700	25000	95	90 - 110	P	10/28/2024	14:25	LB133175
	Manganese	2320	2500	93	90 - 110	P	10/28/2024	14:25	LB133175
	Nickel	2440	2500	98	90 - 110	P	10/28/2024	14:25	LB133175
	Potassium	24600	25000	98	90 - 110	P	10/28/2024	14:25	LB133175
	Selenium	4970	5000	100	90 - 110	P	10/28/2024	14:25	LB133175
	Silver	1240	1250	99	90 - 110	P	10/28/2024	14:25	LB133175
	Sodium	24100	25000	96	90 - 110	P	10/28/2024	14:25	LB133175
	Thallium	4740	5000	95	90 - 110	P	10/28/2024	14:25	LB133175
	Vanadium	2400	2500	96	90 - 110	P	10/28/2024	14:25	LB133175
	Zinc	2510	2500	100	90 - 110	P	10/28/2024	14:25	LB133175
CCV03	Aluminum	9970	10000	100	90 - 110	P	10/28/2024	15:15	LB133175
	Antimony	5180	5000	104	90 - 110	P	10/28/2024	15:15	LB133175
	Arsenic	5060	5000	101	90 - 110	P	10/28/2024	15:15	LB133175
	Barium	9730	10000	97	90 - 110	P	10/28/2024	15:15	LB133175
	Beryllium	242	250	97	90 - 110	P	10/28/2024	15:15	LB133175
	Cadmium	2470	2500	99	90 - 110	P	10/28/2024	15:15	LB133175
	Calcium	24000	25000	96	90 - 110	P	10/28/2024	15:15	LB133175
	Chromium	980	1000	98	90 - 110	P	10/28/2024	15:15	LB133175
	Cobalt	2480	2500	99	90 - 110	P	10/28/2024	15:15	LB133175
	Copper	1290	1250	104	90 - 110	P	10/28/2024	15:15	LB133175
	Iron	5000	5000	100	90 - 110	P	10/28/2024	15:15	LB133175
	Lead	4940	5000	99	90 - 110	P	10/28/2024	15:15	LB133175
	Magnesium	23800	25000	95	90 - 110	P	10/28/2024	15:15	LB133175
	Manganese	2350	2500	94	90 - 110	P	10/28/2024	15:15	LB133175
	Nickel	2490	2500	100	90 - 110	P	10/28/2024	15:15	LB133175
	Potassium	26000	25000	104	90 - 110	P	10/28/2024	15:15	LB133175
	Selenium	5150	5000	103	90 - 110	P	10/28/2024	15:15	LB133175
	Silver	1270	1250	102	90 - 110	P	10/28/2024	15:15	LB133175
	Sodium	25500	25000	102	90 - 110	P	10/28/2024	15:15	LB133175
	Thallium	4680	5000	94	90 - 110	P	10/28/2024	15:15	LB133175
	Vanadium	2450	2500	98	90 - 110	P	10/28/2024	15:15	LB133175
	Zinc	2600	2500	104	90 - 110	P	10/28/2024	15:15	LB133175
CCV04	Aluminum	9820	10000	98	90 - 110	P	10/28/2024	16:06	LB133175
	Antimony	5100	5000	102	90 - 110	P	10/28/2024	16:06	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	5020	5000	100	90 - 110	P	10/28/2024	16:06	LB133175
	Barium	9800	10000	98	90 - 110	P	10/28/2024	16:06	LB133175
	Beryllium	239	250	96	90 - 110	P	10/28/2024	16:06	LB133175
	Cadmium	2440	2500	98	90 - 110	P	10/28/2024	16:06	LB133175
	Calcium	23800	25000	95	90 - 110	P	10/28/2024	16:06	LB133175
	Chromium	974	1000	97	90 - 110	P	10/28/2024	16:06	LB133175
	Cobalt	2450	2500	98	90 - 110	P	10/28/2024	16:06	LB133175
	Copper	1270	1250	102	90 - 110	P	10/28/2024	16:06	LB133175
	Iron	4960	5000	99	90 - 110	P	10/28/2024	16:06	LB133175
	Lead	4870	5000	97	90 - 110	P	10/28/2024	16:06	LB133175
	Magnesium	23500	25000	94	90 - 110	P	10/28/2024	16:06	LB133175
	Manganese	2330	2500	93	90 - 110	P	10/28/2024	16:06	LB133175
	Nickel	2460	2500	98	90 - 110	P	10/28/2024	16:06	LB133175
	Potassium	25900	25000	104	90 - 110	P	10/28/2024	16:06	LB133175
	Selenium	5100	5000	102	90 - 110	P	10/28/2024	16:06	LB133175
	Silver	1260	1250	101	90 - 110	P	10/28/2024	16:06	LB133175
	Sodium	25500	25000	102	90 - 110	P	10/28/2024	16:06	LB133175
	Thallium	4910	5000	98	90 - 110	P	10/28/2024	16:06	LB133175
	Vanadium	2410	2500	97	90 - 110	P	10/28/2024	16:06	LB133175
	Zinc	2560	2500	102	90 - 110	P	10/28/2024	16:06	LB133175
CCV05	Aluminum	10000	10000	100	90 - 110	P	10/28/2024	16:57	LB133175
	Antimony	5310	5000	106	90 - 110	P	10/28/2024	16:57	LB133175
	Arsenic	5210	5000	104	90 - 110	P	10/28/2024	16:57	LB133175
	Barium	9800	10000	98	90 - 110	P	10/28/2024	16:57	LB133175
	Beryllium	241	250	96	90 - 110	P	10/28/2024	16:57	LB133175
	Cadmium	2490	2500	100	90 - 110	P	10/28/2024	16:57	LB133175
	Calcium	23900	25000	96	90 - 110	P	10/28/2024	16:57	LB133175
	Chromium	965	1000	96	90 - 110	P	10/28/2024	16:57	LB133175
	Cobalt	2490	2500	100	90 - 110	P	10/28/2024	16:57	LB133175
	Copper	1310	1250	105	90 - 110	P	10/28/2024	16:57	LB133175
	Iron	4900	5000	98	90 - 110	P	10/28/2024	16:57	LB133175
	Lead	4990	5000	100	90 - 110	P	10/28/2024	16:57	LB133175
	Magnesium	23700	25000	95	90 - 110	P	10/28/2024	16:57	LB133175
	Manganese	2320	2500	93	90 - 110	P	10/28/2024	16:57	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	10/28/2024	16:57	LB133175
	Potassium	26200	25000	105	90 - 110	P	10/28/2024	16:57	LB133175
	Selenium	5400	5000	108	90 - 110	P	10/28/2024	16:57	LB133175
	Silver	1280	1250	102	90 - 110	P	10/28/2024	16:57	LB133175
	Sodium	25700	25000	103	90 - 110	P	10/28/2024	16:57	LB133175
	Thallium	5470	5000	109	90 - 110	P	10/28/2024	16:57	LB133175
	Vanadium	2420	2500	97	90 - 110	P	10/28/2024	16:57	LB133175
	Zinc	2610	2500	104	90 - 110	P	10/28/2024	16:57	LB133175
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/28/2024	17:50	LB133175
	Antimony	5170	5000	103	90 - 110	P	10/28/2024	17:50	LB133175
	Arsenic	5080	5000	102	90 - 110	P	10/28/2024	17:50	LB133175
	Barium	9780	10000	98	90 - 110	P	10/28/2024	17:50	LB133175
	Beryllium	245	250	98	90 - 110	P	10/28/2024	17:50	LB133175
	Cadmium	2490	2500	100	90 - 110	P	10/28/2024	17:50	LB133175
	Calcium	24000	25000	96	90 - 110	P	10/28/2024	17:50	LB133175
	Chromium	973	1000	97	90 - 110	P	10/28/2024	17:50	LB133175
	Cobalt	2480	2500	99	90 - 110	P	10/28/2024	17:50	LB133175
	Copper	1290	1250	103	90 - 110	P	10/28/2024	17:50	LB133175
	Iron	4880	5000	98	90 - 110	P	10/28/2024	17:50	LB133175
	Lead	4970	5000	99	90 - 110	P	10/28/2024	17:50	LB133175
	Magnesium	23800	25000	95	90 - 110	P	10/28/2024	17:50	LB133175
	Manganese	2320	2500	93	90 - 110	P	10/28/2024	17:50	LB133175
	Nickel	2490	2500	100	90 - 110	P	10/28/2024	17:50	LB133175
	Potassium	25600	25000	103	90 - 110	P	10/28/2024	17:50	LB133175
	Selenium	5210	5000	104	90 - 110	P	10/28/2024	17:50	LB133175
	Silver	1270	1250	102	90 - 110	P	10/28/2024	17:50	LB133175
	Sodium	24900	25000	99	90 - 110	P	10/28/2024	17:50	LB133175
	Thallium	5370	5000	107	90 - 110	P	10/28/2024	17:50	LB133175
	Vanadium	2410	2500	96	90 - 110	P	10/28/2024	17:50	LB133175
	Zinc	2580	2500	103	90 - 110	P	10/28/2024	17:50	LB133175
CCV07	Aluminum	9960	10000	100	90 - 110	P	10/28/2024	18:43	LB133175
	Antimony	5210	5000	104	90 - 110	P	10/28/2024	18:43	LB133175
	Arsenic	5110	5000	102	90 - 110	P	10/28/2024	18:43	LB133175
	Barium	9750	10000	98	90 - 110	P	10/28/2024	18:43	LB133175

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	243	250	97	90 - 110	P	10/28/2024	18:43	LB133175
	Cadmium	2480	2500	99	90 - 110	P	10/28/2024	18:43	LB133175
	Calcium	24000	25000	96	90 - 110	P	10/28/2024	18:43	LB133175
	Chromium	966	1000	97	90 - 110	P	10/28/2024	18:43	LB133175
	Cobalt	2490	2500	100	90 - 110	P	10/28/2024	18:43	LB133175
	Copper	1290	1250	103	90 - 110	P	10/28/2024	18:43	LB133175
	Iron	4820	5000	96	90 - 110	P	10/28/2024	18:43	LB133175
	Lead	4970	5000	99	90 - 110	P	10/28/2024	18:43	LB133175
	Magnesium	23800	25000	95	90 - 110	P	10/28/2024	18:43	LB133175
	Manganese	2320	2500	93	90 - 110	P	10/28/2024	18:43	LB133175
	Nickel	2490	2500	100	90 - 110	P	10/28/2024	18:43	LB133175
	Potassium	25600	25000	102	90 - 110	P	10/28/2024	18:43	LB133175
	Selenium	5270	5000	106	90 - 110	P	10/28/2024	18:43	LB133175
	Silver	1260	1250	101	90 - 110	P	10/28/2024	18:43	LB133175
	Sodium	24200	25000	97	90 - 110	P	10/28/2024	18:43	LB133175
	Thallium	5500	5000	110	90 - 110	P	10/28/2024	18:43	LB133175
	Vanadium	2420	2500	97	90 - 110	P	10/28/2024	18:43	LB133175
	Zinc	2570	2500	103	90 - 110	P	10/28/2024	18:43	LB133175
CCV08	Aluminum	10300	10000	103	90 - 110	P	10/28/2024	19:33	LB133175
	Antimony	5400	5000	108	90 - 110	P	10/28/2024	19:33	LB133175
	Arsenic	5290	5000	106	90 - 110	P	10/28/2024	19:33	LB133175
	Barium	10000	10000	100	90 - 110	P	10/28/2024	19:33	LB133175
	Beryllium	251	250	100	90 - 110	P	10/28/2024	19:33	LB133175
	Cadmium	2570	2500	103	90 - 110	P	10/28/2024	19:33	LB133175
	Calcium	24700	25000	99	90 - 110	P	10/28/2024	19:33	LB133175
	Chromium	989	1000	99	90 - 110	P	10/28/2024	19:33	LB133175
	Cobalt	2570	2500	103	90 - 110	P	10/28/2024	19:33	LB133175
	Copper	1340	1250	107	90 - 110	P	10/28/2024	19:33	LB133175
	Iron	5020	5000	100	90 - 110	P	10/28/2024	19:33	LB133175
	Lead	5130	5000	103	90 - 110	P	10/28/2024	19:33	LB133175
	Magnesium	24500	25000	98	90 - 110	P	10/28/2024	19:33	LB133175
	Manganese	2360	2500	94	90 - 110	P	10/28/2024	19:33	LB133175
	Nickel	2580	2500	103	90 - 110	P	10/28/2024	19:33	LB133175
	Potassium	26700	25000	107	90 - 110	P	10/28/2024	19:33	LB133175

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	5470	5000	110	90 - 110	P	10/28/2024	19:33	LB133175
	Silver	1310	1250	105	90 - 110	P	10/28/2024	19:33	LB133175
	Sodium	25700	25000	103	90 - 110	P	10/28/2024	19:33	LB133175
	Thallium	5470	5000	109	90 - 110	P	10/28/2024	19:33	LB133175
	Vanadium	2500	2500	100	90 - 110	P	10/28/2024	19:33	LB133175
	Zinc	2680	2500	107	90 - 110	P	10/28/2024	19:33	LB133175
CCV09	Aluminum	10100	10000	101	90 - 110	P	10/28/2024	20:22	LB133175
	Antimony	5270	5000	105	90 - 110	P	10/28/2024	20:22	LB133175
	Arsenic	5200	5000	104	90 - 110	P	10/28/2024	20:22	LB133175
	Barium	9830	10000	98	90 - 110	P	10/28/2024	20:22	LB133175
	Beryllium	249	250	100	90 - 110	P	10/28/2024	20:22	LB133175
	Cadmium	2530	2500	101	90 - 110	P	10/28/2024	20:22	LB133175
	Calcium	24400	25000	97	90 - 110	P	10/28/2024	20:22	LB133175
	Chromium	975	1000	98	90 - 110	P	10/28/2024	20:22	LB133175
	Cobalt	2520	2500	101	90 - 110	P	10/28/2024	20:22	LB133175
	Copper	1310	1250	105	90 - 110	P	10/28/2024	20:22	LB133175
	Iron	4930	5000	99	90 - 110	P	10/28/2024	20:22	LB133175
	Lead	5040	5000	101	90 - 110	P	10/28/2024	20:22	LB133175
	Magnesium	24100	25000	96	90 - 110	P	10/28/2024	20:22	LB133175
	Manganese	2330	2500	93	90 - 110	P	10/28/2024	20:22	LB133175
	Nickel	2530	2500	101	90 - 110	P	10/28/2024	20:22	LB133175
	Potassium	26200	25000	105	90 - 110	P	10/28/2024	20:22	LB133175
	Selenium	5360	5000	107	90 - 110	P	10/28/2024	20:22	LB133175
	Silver	1290	1250	103	90 - 110	P	10/28/2024	20:22	LB133175
	Sodium	25500	25000	102	90 - 110	P	10/28/2024	20:22	LB133175
	Thallium	5490	5000	110	90 - 110	P	10/28/2024	20:22	LB133175
	Vanadium	2440	2500	98	90 - 110	P	10/28/2024	20:22	LB133175
	Zinc	2620	2500	105	90 - 110	P	10/28/2024	20:22	LB133175
CCV10	Aluminum	10000	10000	100	90 - 110	P	10/28/2024	21:21	LB133175
	Antimony	5270	5000	106	90 - 110	P	10/28/2024	21:21	LB133175
	Arsenic	5180	5000	104	90 - 110	P	10/28/2024	21:21	LB133175
	Barium	9840	10000	98	90 - 110	P	10/28/2024	21:21	LB133175
	Beryllium	242	250	97	90 - 110	P	10/28/2024	21:21	LB133175
	Cadmium	2500	2500	100	90 - 110	P	10/28/2024	21:21	LB133175

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23900	25000	96	90 - 110	P	10/28/2024	21:21	LB133175
	Chromium	967	1000	97	90 - 110	P	10/28/2024	21:21	LB133175
	Cobalt	2500	2500	100	90 - 110	P	10/28/2024	21:21	LB133175
	Copper	1300	1250	104	90 - 110	P	10/28/2024	21:21	LB133175
	Iron	4860	5000	97	90 - 110	P	10/28/2024	21:21	LB133175
	Lead	4980	5000	100	90 - 110	P	10/28/2024	21:21	LB133175
	Magnesium	23600	25000	94	90 - 110	P	10/28/2024	21:21	LB133175
	Manganese	2310	2500	92	90 - 110	P	10/28/2024	21:21	LB133175
	Nickel	2500	2500	100	90 - 110	P	10/28/2024	21:21	LB133175
	Potassium	26300	25000	105	90 - 110	P	10/28/2024	21:21	LB133175
	Selenium	5330	5000	107	90 - 110	P	10/28/2024	21:21	LB133175
	Silver	1270	1250	102	90 - 110	P	10/28/2024	21:21	LB133175
	Sodium	25700	25000	103	90 - 110	P	10/28/2024	21:21	LB133175
	Thallium	5330	5000	106	90 - 110	P	10/28/2024	21:21	LB133175
	Vanadium	2420	2500	97	90 - 110	P	10/28/2024	21:21	LB133175
	Zinc	2600	2500	104	90 - 110	P	10/28/2024	21:21	LB133175
CCV11	Aluminum	10100	10000	101	90 - 110	P	10/28/2024	21:38	LB133175
	Antimony	5340	5000	107	90 - 110	P	10/28/2024	21:38	LB133175
	Arsenic	5220	5000	104	90 - 110	P	10/28/2024	21:38	LB133175
	Barium	10100	10000	101	90 - 110	P	10/28/2024	21:38	LB133175
	Beryllium	244	250	98	90 - 110	P	10/28/2024	21:38	LB133175
	Cadmium	2480	2500	99	90 - 110	P	10/28/2024	21:38	LB133175
	Calcium	23800	25000	95	90 - 110	P	10/28/2024	21:38	LB133175
	Chromium	970	1000	97	90 - 110	P	10/28/2024	21:38	LB133175
	Cobalt	2490	2500	100	90 - 110	P	10/28/2024	21:38	LB133175
	Copper	1320	1250	106	90 - 110	P	10/28/2024	21:38	LB133175
	Iron	4970	5000	100	90 - 110	P	10/28/2024	21:38	LB133175
	Lead	4970	5000	99	90 - 110	P	10/28/2024	21:38	LB133175
	Magnesium	23600	25000	94	90 - 110	P	10/28/2024	21:38	LB133175
	Manganese	2330	2500	93	90 - 110	P	10/28/2024	21:38	LB133175
	Nickel	2500	2500	100	90 - 110	P	10/28/2024	21:38	LB133175
	Potassium	27300	25000	109	90 - 110	P	10/28/2024	21:38	LB133175
	Selenium	5380	5000	108	90 - 110	P	10/28/2024	21:38	LB133175
	Silver	1290	1250	103	90 - 110	P	10/28/2024	21:38	LB133175

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	25900	25000	104	90 - 110	P	10/28/2024	21:38	LB133175
	Thallium	5170	5000	103	90 - 110	P	10/28/2024	21:38	LB133175
	Vanadium	2440	2500	98	90 - 110	P	10/28/2024	21:38	LB133175
	Zinc	2540	2500	102	90 - 110	P	10/28/2024	21:38	LB133175

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2360	2500	94	90 - 110	P	10/29/2024	11:59	LB133198
	Antimony	982	1000	98	90 - 110	P	10/29/2024	11:59	LB133198
	Arsenic	950	1000	95	90 - 110	P	10/29/2024	11:59	LB133198
	Barium	474	520	91	90 - 110	P	10/29/2024	11:59	LB133198
	Beryllium	470	510	92	90 - 110	P	10/29/2024	11:59	LB133198
	Cadmium	478	510	94	90 - 110	P	10/29/2024	11:59	LB133198
	Calcium	9360	10000	94	90 - 110	P	10/29/2024	11:59	LB133198
	Chromium	533	520	102	90 - 110	P	10/29/2024	11:59	LB133198
	Cobalt	511	520	98	90 - 110	P	10/29/2024	11:59	LB133198
	Copper	525	510	103	90 - 110	P	10/29/2024	11:59	LB133198
	Iron	10300	10000	102	90 - 110	P	10/29/2024	11:59	LB133198
	Lead	958	1000	96	90 - 110	P	10/29/2024	11:59	LB133198
	Magnesium	5490	6000	91	90 - 110	P	10/29/2024	11:59	LB133198
	Manganese	478	520	92	90 - 110	P	10/29/2024	11:59	LB133198
	Nickel	514	530	97	90 - 110	P	10/29/2024	11:59	LB133198
	Potassium	10200	9900	103	90 - 110	P	10/29/2024	11:59	LB133198
	Selenium	979	1000	98	90 - 110	P	10/29/2024	11:59	LB133198
	Silver	260	250	104	90 - 110	P	10/29/2024	11:59	LB133198
	Sodium	9770	10000	98	90 - 110	P	10/29/2024	11:59	LB133198
	Thallium	1000	1000	100	90 - 110	P	10/29/2024	11:59	LB133198
	Vanadium	461	500	92	90 - 110	P	10/29/2024	11:59	LB133198
	Zinc	1040	1000	104	90 - 110	P	10/29/2024	11:59	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
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	98.6	100	99	80 - 120	P	10/29/2024	12:31	LB133198
	Antimony	50.1	50.0	100	80 - 120	P	10/29/2024	12:31	LB133198
	Arsenic	19.0	20.0	95	80 - 120	P	10/29/2024	12:31	LB133198
	Barium	94.2	100	94	80 - 120	P	10/29/2024	12:31	LB133198
	Beryllium	5.69	6.0	95	80 - 120	P	10/29/2024	12:31	LB133198
	Cadmium	5.68	6.0	95	80 - 120	P	10/29/2024	12:31	LB133198
	Calcium	1950	2000	98	80 - 120	P	10/29/2024	12:31	LB133198
	Chromium	10.2	10.0	102	80 - 120	P	10/29/2024	12:31	LB133198
	Cobalt	30.2	30.0	101	80 - 120	P	10/29/2024	12:31	LB133198
	Copper	21.7	20.0	108	80 - 120	P	10/29/2024	12:31	LB133198
	Iron	105	100	105	80 - 120	P	10/29/2024	12:31	LB133198
	Lead	9.73	12.0	81	80 - 120	P	10/29/2024	12:31	LB133198
	Magnesium	1930	2000	97	80 - 120	P	10/29/2024	12:31	LB133198
	Manganese	19.6	20.0	98	80 - 120	P	10/29/2024	12:31	LB133198
	Nickel	40.0	40.0	100	80 - 120	P	10/29/2024	12:31	LB133198
	Potassium	1890	2000	95	80 - 120	P	10/29/2024	12:31	LB133198
	Selenium	20.1	20.0	100	80 - 120	P	10/29/2024	12:31	LB133198
	Silver	11.2	10.0	112	80 - 120	P	10/29/2024	12:31	LB133198
	Sodium	1800	2000	90	80 - 120	P	10/29/2024	12:31	LB133198
	Thallium	36.2	40.0	91	80 - 120	P	10/29/2024	12:31	LB133198
	Vanadium	37.8	40.0	94	80 - 120	P	10/29/2024	12:31	LB133198
	Zinc	38.9	40.0	97	80 - 120	P	10/29/2024	12:31	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	9640	10000	96	90 - 110	P	10/29/2024	13:01	LB133198
	Antimony	4940	5000	99	90 - 110	P	10/29/2024	13:01	LB133198
	Arsenic	4910	5000	98	90 - 110	P	10/29/2024	13:01	LB133198
	Barium	9460	10000	95	90 - 110	P	10/29/2024	13:01	LB133198
	Beryllium	238	250	95	90 - 110	P	10/29/2024	13:01	LB133198
	Cadmium	2450	2500	98	90 - 110	P	10/29/2024	13:01	LB133198
	Calcium	23700	25000	95	90 - 110	P	10/29/2024	13:01	LB133198
	Chromium	994	1000	99	90 - 110	P	10/29/2024	13:01	LB133198
	Cobalt	2440	2500	98	90 - 110	P	10/29/2024	13:01	LB133198
	Copper	1250	1250	100	90 - 110	P	10/29/2024	13:01	LB133198
	Iron	4810	5000	96	90 - 110	P	10/29/2024	13:01	LB133198
	Lead	4870	5000	97	90 - 110	P	10/29/2024	13:01	LB133198
	Magnesium	23600	25000	94	90 - 110	P	10/29/2024	13:01	LB133198
	Manganese	2320	2500	93	90 - 110	P	10/29/2024	13:01	LB133198
	Nickel	2450	2500	98	90 - 110	P	10/29/2024	13:01	LB133198
	Potassium	24500	25000	98	90 - 110	P	10/29/2024	13:01	LB133198
	Selenium	4950	5000	99	90 - 110	P	10/29/2024	13:01	LB133198
	Silver	1230	1250	98	90 - 110	P	10/29/2024	13:01	LB133198
	Sodium	24100	25000	96	90 - 110	P	10/29/2024	13:01	LB133198
	Thallium	4690	5000	94	90 - 110	P	10/29/2024	13:01	LB133198
	Vanadium	2390	2500	96	90 - 110	P	10/29/2024	13:01	LB133198
	Zinc	2510	2500	100	90 - 110	P	10/29/2024	13:01	LB133198
CCV02	Aluminum	10800	10000	108	90 - 110	P	10/29/2024	14:04	LB133198
	Antimony	4810	5000	96	90 - 110	P	10/29/2024	14:04	LB133198
	Arsenic	4780	5000	96	90 - 110	P	10/29/2024	14:04	LB133198
	Barium	9090	10000	91	90 - 110	P	10/29/2024	14:04	LB133198
	Beryllium	241	250	96	90 - 110	P	10/29/2024	14:04	LB133198
	Cadmium	2330	2500	93	90 - 110	P	10/29/2024	14:04	LB133198
	Calcium	26400	25000	105	90 - 110	P	10/29/2024	14:04	LB133198
	Chromium	946	1000	95	90 - 110	P	10/29/2024	14:04	LB133198
	Cobalt	2330	2500	93	90 - 110	P	10/29/2024	14:04	LB133198
	Copper	1200	1250	96	90 - 110	P	10/29/2024	14:04	LB133198
	Iron	4590	5000	92	90 - 110	P	10/29/2024	14:04	LB133198
	Lead	4670	5000	93	90 - 110	P	10/29/2024	14:04	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	25000	25000	100	90 - 110	P	10/29/2024	14:04	LB133198
	Manganese	2560	2500	103	90 - 110	P	10/29/2024	14:04	LB133198
	Nickel	2340	2500	94	90 - 110	P	10/29/2024	14:04	LB133198
	Potassium	23600	25000	94	90 - 110	P	10/29/2024	14:04	LB133198
	Selenium	4870	5000	97	90 - 110	P	10/29/2024	14:04	LB133198
	Silver	1170	1250	94	90 - 110	P	10/29/2024	14:04	LB133198
	Sodium	23000	25000	92	90 - 110	P	10/29/2024	14:04	LB133198
	Thallium	5060	5000	101	90 - 110	P	10/29/2024	14:04	LB133198
	Vanadium	2260	2500	90	90 - 110	P	10/29/2024	14:04	LB133198
	Zinc	2390	2500	96	90 - 110	P	10/29/2024	14:04	LB133198
CCV03	Aluminum	10300	10000	103	90 - 110	P	10/29/2024	15:02	LB133198
	Antimony	5010	5000	100	90 - 110	P	10/29/2024	15:02	LB133198
	Arsenic	5490	5000	110	90 - 110	P	10/29/2024	15:02	LB133198
	Barium	10400	10000	104	90 - 110	P	10/29/2024	15:02	LB133198
	Beryllium	235	250	94	90 - 110	P	10/29/2024	15:02	LB133198
	Cadmium	2660	2500	106	90 - 110	P	10/29/2024	15:02	LB133198
	Calcium	25400	25000	102	90 - 110	P	10/29/2024	15:02	LB133198
	Chromium	901	1000	90	90 - 110	P	10/29/2024	15:02	LB133198
	Cobalt	2520	2500	101	90 - 110	P	10/29/2024	15:02	LB133198
	Copper	1130	1250	90	90 - 110	P	10/29/2024	15:02	LB133198
	Iron	5480	5000	110	90 - 110	P	10/29/2024	15:02	LB133198
	Lead	4700	5000	94	90 - 110	P	10/29/2024	15:02	LB133198
	Magnesium	24000	25000	96	90 - 110	P	10/29/2024	15:02	LB133198
	Manganese	2450	2500	98	90 - 110	P	10/29/2024	15:02	LB133198
	Nickel	2580	2500	103	90 - 110	P	10/29/2024	15:02	LB133198
	Potassium	26900	25000	108	90 - 110	P	10/29/2024	15:02	LB133198
	Selenium	4530	5000	91	90 - 110	P	10/29/2024	15:02	LB133198
	Silver	1230	1250	98	90 - 110	P	10/29/2024	15:02	LB133198
	Sodium	23300	25000	93	90 - 110	P	10/29/2024	15:02	LB133198
	Thallium	5410	5000	108	90 - 110	P	10/29/2024	15:02	LB133198
	Vanadium	2650	2500	106	90 - 110	P	10/29/2024	15:02	LB133198
	Zinc	2660	2500	106	90 - 110	P	10/29/2024	15:02	LB133198
CCV04	Aluminum	10200	10000	102	90 - 110	P	10/29/2024	15:59	LB133198
	Antimony	4760	5000	95	90 - 110	P	10/29/2024	15:59	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	5440	5000	109	90 - 110	P	10/29/2024	15:59	LB133198
	Barium	10300	10000	103	90 - 110	P	10/29/2024	15:59	LB133198
	Beryllium	225	250	90	90 - 110	P	10/29/2024	15:59	LB133198
	Cadmium	2640	2500	106	90 - 110	P	10/29/2024	15:59	LB133198
	Calcium	25800	25000	103	90 - 110	P	10/29/2024	15:59	LB133198
	Chromium	901	1000	90	90 - 110	P	10/29/2024	15:59	LB133198
	Cobalt	2480	2500	99	90 - 110	P	10/29/2024	15:59	LB133198
	Copper	1230	1250	98	90 - 110	P	10/29/2024	15:59	LB133198
	Iron	5400	5000	108	90 - 110	P	10/29/2024	15:59	LB133198
	Lead	4620	5000	92	90 - 110	P	10/29/2024	15:59	LB133198
	Magnesium	24400	25000	98	90 - 110	P	10/29/2024	15:59	LB133198
	Manganese	2490	2500	100	90 - 110	P	10/29/2024	15:59	LB133198
	Nickel	2540	2500	102	90 - 110	P	10/29/2024	15:59	LB133198
	Potassium	25700	25000	103	90 - 110	P	10/29/2024	15:59	LB133198
	Selenium	4680	5000	94	90 - 110	P	10/29/2024	15:59	LB133198
	Silver	1210	1250	97	90 - 110	P	10/29/2024	15:59	LB133198
	Sodium	22600	25000	90	90 - 110	P	10/29/2024	15:59	LB133198
	Thallium	4990	5000	100	90 - 110	P	10/29/2024	15:59	LB133198
	Vanadium	2660	2500	106	90 - 110	P	10/29/2024	15:59	LB133198
	Zinc	2610	2500	104	90 - 110	P	10/29/2024	15:59	LB133198
CCV05	Aluminum	10400	10000	104	90 - 110	P	10/29/2024	16:53	LB133198
	Antimony	4760	5000	95	90 - 110	P	10/29/2024	16:53	LB133198
	Arsenic	5450	5000	109	90 - 110	P	10/29/2024	16:53	LB133198
	Barium	10800	10000	108	90 - 110	P	10/29/2024	16:53	LB133198
	Beryllium	231	250	92	90 - 110	P	10/29/2024	16:53	LB133198
	Cadmium	2630	2500	105	90 - 110	P	10/29/2024	16:53	LB133198
	Calcium	26400	25000	105	90 - 110	P	10/29/2024	16:53	LB133198
	Chromium	928	1000	93	90 - 110	P	10/29/2024	16:53	LB133198
	Cobalt	2470	2500	99	90 - 110	P	10/29/2024	16:53	LB133198
	Copper	1230	1250	98	90 - 110	P	10/29/2024	16:53	LB133198
	Iron	5380	5000	108	90 - 110	P	10/29/2024	16:53	LB133198
	Lead	4590	5000	92	90 - 110	P	10/29/2024	16:53	LB133198
	Magnesium	24800	25000	99	90 - 110	P	10/29/2024	16:53	LB133198
	Manganese	2520	2500	101	90 - 110	P	10/29/2024	16:53	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	2530	2500	101	90 - 110	P	10/29/2024	16:53	LB133198
	Potassium	27200	25000	109	90 - 110	P	10/29/2024	16:53	LB133198
	Selenium	4690	5000	94	90 - 110	P	10/29/2024	16:53	LB133198
	Silver	1140	1250	91	90 - 110	P	10/29/2024	16:53	LB133198
	Sodium	23800	25000	95	90 - 110	P	10/29/2024	16:53	LB133198
	Thallium	5020	5000	100	90 - 110	P	10/29/2024	16:53	LB133198
	Vanadium	2710	2500	109	90 - 110	P	10/29/2024	16:53	LB133198
	Zinc	2280	2500	91	90 - 110	P	10/29/2024	16:53	LB133198
CCV06	Aluminum	9860	10000	99	90 - 110	P	10/29/2024	17:53	LB133198
	Antimony	4670	5000	93	90 - 110	P	10/29/2024	17:53	LB133198
	Arsenic	5370	5000	107	90 - 110	P	10/29/2024	17:53	LB133198
	Barium	10600	10000	106	90 - 110	P	10/29/2024	17:53	LB133198
	Beryllium	245	250	98	90 - 110	P	10/29/2024	17:53	LB133198
	Cadmium	2600	2500	104	90 - 110	P	10/29/2024	17:53	LB133198
	Calcium	25100	25000	100	90 - 110	P	10/29/2024	17:53	LB133198
	Chromium	915	1000	92	90 - 110	P	10/29/2024	17:53	LB133198
	Cobalt	2430	2500	97	90 - 110	P	10/29/2024	17:53	LB133198
	Copper	1200	1250	96	90 - 110	P	10/29/2024	17:53	LB133198
	Iron	5130	5000	103	90 - 110	P	10/29/2024	17:53	LB133198
	Lead	4570	5000	91	90 - 110	P	10/29/2024	17:53	LB133198
	Magnesium	24200	25000	97	90 - 110	P	10/29/2024	17:53	LB133198
	Manganese	2400	2500	96	90 - 110	P	10/29/2024	17:53	LB133198
	Nickel	2490	2500	100	90 - 110	P	10/29/2024	17:53	LB133198
	Potassium	24700	25000	99	90 - 110	P	10/29/2024	17:53	LB133198
	Selenium	4700	5000	94	90 - 110	P	10/29/2024	17:53	LB133198
	Silver	1210	1250	97	90 - 110	P	10/29/2024	17:53	LB133198
	Sodium	24000	25000	96	90 - 110	P	10/29/2024	17:53	LB133198
	Thallium	5450	5000	109	90 - 110	P	10/29/2024	17:53	LB133198
	Vanadium	2570	2500	103	90 - 110	P	10/29/2024	17:53	LB133198
	Zinc	2670	2500	107	90 - 110	P	10/29/2024	17:53	LB133198
CCV07	Aluminum	10400	10000	104	90 - 110	P	10/29/2024	18:20	LB133198
	Antimony	4930	5000	99	90 - 110	P	10/29/2024	18:20	LB133198
	Arsenic	5470	5000	109	90 - 110	P	10/29/2024	18:20	LB133198
	Barium	10800	10000	108	90 - 110	P	10/29/2024	18:20	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	235	250	94	90 - 110	P	10/29/2024	18:20	LB133198
	Cadmium	2320	2500	93	90 - 110	P	10/29/2024	18:20	LB133198
	Calcium	26400	25000	105	90 - 110	P	10/29/2024	18:20	LB133198
	Chromium	933	1000	93	90 - 110	P	10/29/2024	18:20	LB133198
	Cobalt	2280	2500	91	90 - 110	P	10/29/2024	18:20	LB133198
	Copper	1270	1250	102	90 - 110	P	10/29/2024	18:20	LB133198
	Iron	5400	5000	108	90 - 110	P	10/29/2024	18:20	LB133198
	Lead	4600	5000	92	90 - 110	P	10/29/2024	18:20	LB133198
	Magnesium	25200	25000	101	90 - 110	P	10/29/2024	18:20	LB133198
	Manganese	2520	2500	101	90 - 110	P	10/29/2024	18:20	LB133198
	Nickel	2290	2500	92	90 - 110	P	10/29/2024	18:20	LB133198
	Potassium	26200	25000	105	90 - 110	P	10/29/2024	18:20	LB133198
	Selenium	5390	5000	108	90 - 110	P	10/29/2024	18:20	LB133198
	Silver	1130	1250	91	90 - 110	P	10/29/2024	18:20	LB133198
	Sodium	22500	25000	90	90 - 110	P	10/29/2024	18:20	LB133198
	Thallium	4880	5000	98	90 - 110	P	10/29/2024	18:20	LB133198
	Vanadium	2690	2500	108	90 - 110	P	10/29/2024	18:20	LB133198
	Zinc	2260	2500	90	90 - 110	P	10/29/2024	18:20	LB133198

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2550	2500	102	90 - 110	P	11/08/2024	13:59	LB133365
	Antimony	979	1000	98	90 - 110	P	11/08/2024	13:59	LB133365
	Arsenic	1000	1000	100	90 - 110	P	11/08/2024	13:59	LB133365
	Barium	513	520	99	90 - 110	P	11/08/2024	13:59	LB133365
	Beryllium	511	510	100	90 - 110	P	11/08/2024	13:59	LB133365
	Cadmium	497	510	97	90 - 110	P	11/08/2024	13:59	LB133365
	Calcium	10100	10000	101	90 - 110	P	11/08/2024	13:59	LB133365
	Chromium	514	520	99	90 - 110	P	11/08/2024	13:59	LB133365
	Cobalt	506	520	97	90 - 110	P	11/08/2024	13:59	LB133365
	Copper	521	510	102	90 - 110	P	11/08/2024	13:59	LB133365
	Iron	9660	10000	97	90 - 110	P	11/08/2024	13:59	LB133365
	Lead	999	1000	100	90 - 110	P	11/08/2024	13:59	LB133365
	Magnesium	5940	6000	99	90 - 110	P	11/08/2024	13:59	LB133365
	Manganese	519	520	100	90 - 110	P	11/08/2024	13:59	LB133365
	Nickel	509	530	96	90 - 110	P	11/08/2024	13:59	LB133365
	Potassium	9550	9900	96	90 - 110	P	11/08/2024	13:59	LB133365
	Selenium	1000	1000	100	90 - 110	P	11/08/2024	13:59	LB133365
	Silver	251	250	100	90 - 110	P	11/08/2024	13:59	LB133365
	Sodium	9170	10000	92	90 - 110	P	11/08/2024	13:59	LB133365
	Thallium	975	1000	98	90 - 110	P	11/08/2024	13:59	LB133365
	Vanadium	496	500	99	90 - 110	P	11/08/2024	13:59	LB133365
	Zinc	1030	1000	103	90 - 110	P	11/08/2024	13:59	LB133365

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	109	100	109	80 - 120	P	11/08/2024	14:11	LB133365
	Antimony	48.4	50.0	97	80 - 120	P	11/08/2024	14:11	LB133365
	Arsenic	19.5	20.0	98	80 - 120	P	11/08/2024	14:11	LB133365
	Barium	95.3	100	95	80 - 120	P	11/08/2024	14:11	LB133365
	Beryllium	5.66	6.0	94	80 - 120	P	11/08/2024	14:11	LB133365
	Cadmium	6.34	6.0	106	80 - 120	P	11/08/2024	14:11	LB133365
	Calcium	1970	2000	98	80 - 120	P	11/08/2024	14:11	LB133365
	Chromium	9.48	10.0	95	80 - 120	P	11/08/2024	14:11	LB133365
	Cobalt	28.3	30.0	94	80 - 120	P	11/08/2024	14:11	LB133365
	Copper	22.8	20.0	114	80 - 120	P	11/08/2024	14:11	LB133365
	Iron	93.6	100	94	80 - 120	P	11/08/2024	14:11	LB133365
	Lead	11.8	12.0	99	80 - 120	P	11/08/2024	14:11	LB133365
	Magnesium	1950	2000	98	80 - 120	P	11/08/2024	14:11	LB133365
	Manganese	19.8	20.0	99	80 - 120	P	11/08/2024	14:11	LB133365
	Nickel	37.8	40.0	94	80 - 120	P	11/08/2024	14:11	LB133365
	Potassium	1870	2000	94	80 - 120	P	11/08/2024	14:11	LB133365
	Selenium	20.6	20.0	103	80 - 120	P	11/08/2024	14:11	LB133365
	Silver	10.6	10.0	106	80 - 120	P	11/08/2024	14:11	LB133365
	Sodium	1630	2000	82	80 - 120	P	11/08/2024	14:11	LB133365
	Thallium	37.6	40.0	94	80 - 120	P	11/08/2024	14:11	LB133365
	Vanadium	38.6	40.0	96	80 - 120	P	11/08/2024	14:11	LB133365
	Zinc	42.1	40.0	105	80 - 120	P	11/08/2024	14:11	LB133365

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	9960	10000	100	90 - 110	P	11/08/2024	14:44	LB133365
	Antimony	5040	5000	101	90 - 110	P	11/08/2024	14:44	LB133365
	Arsenic	4950	5000	99	90 - 110	P	11/08/2024	14:44	LB133365
	Barium	9530	10000	95	90 - 110	P	11/08/2024	14:44	LB133365
	Beryllium	241	250	96	90 - 110	P	11/08/2024	14:44	LB133365
	Cadmium	2390	2500	96	90 - 110	P	11/08/2024	14:44	LB133365
	Calcium	24100	25000	97	90 - 110	P	11/08/2024	14:44	LB133365
	Chromium	1050	1000	105	90 - 110	P	11/08/2024	14:44	LB133365
	Cobalt	2420	2500	97	90 - 110	P	11/08/2024	14:44	LB133365
	Copper	1260	1250	101	90 - 110	P	11/08/2024	14:44	LB133365
	Iron	4850	5000	97	90 - 110	P	11/08/2024	14:44	LB133365
	Lead	4870	5000	97	90 - 110	P	11/08/2024	14:44	LB133365
	Magnesium	24200	25000	97	90 - 110	P	11/08/2024	14:44	LB133365
	Manganese	2370	2500	95	90 - 110	P	11/08/2024	14:44	LB133365
	Nickel	2440	2500	97	90 - 110	P	11/08/2024	14:44	LB133365
	Potassium	24600	25000	98	90 - 110	P	11/08/2024	14:44	LB133365
	Selenium	5020	5000	100	90 - 110	P	11/08/2024	14:44	LB133365
	Silver	1230	1250	99	90 - 110	P	11/08/2024	14:44	LB133365
	Sodium	24300	25000	97	90 - 110	P	11/08/2024	14:44	LB133365
	Thallium	4770	5000	95	90 - 110	P	11/08/2024	14:44	LB133365
	Vanadium	2450	2500	98	90 - 110	P	11/08/2024	14:44	LB133365
	Zinc	2530	2500	101	90 - 110	P	11/08/2024	14:44	LB133365
CCV02	Aluminum	9830	10000	98	90 - 110	P	11/08/2024	15:29	LB133365
	Antimony	5060	5000	101	90 - 110	P	11/08/2024	15:29	LB133365
	Arsenic	4950	5000	99	90 - 110	P	11/08/2024	15:29	LB133365
	Barium	9460	10000	95	90 - 110	P	11/08/2024	15:29	LB133365
	Beryllium	231	250	92	90 - 110	P	11/08/2024	15:29	LB133365
	Cadmium	2360	2500	94	90 - 110	P	11/08/2024	15:29	LB133365
	Calcium	23300	25000	93	90 - 110	P	11/08/2024	15:29	LB133365
	Chromium	918	1000	92	90 - 110	P	11/08/2024	15:29	LB133365
	Cobalt	2390	2500	96	90 - 110	P	11/08/2024	15:29	LB133365
	Copper	1260	1250	101	90 - 110	P	11/08/2024	15:29	LB133365
	Iron	4780	5000	96	90 - 110	P	11/08/2024	15:29	LB133365
	Lead	4800	5000	96	90 - 110	P	11/08/2024	15:29	LB133365

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23400	25000	94	90 - 110	P	11/08/2024	15:29	LB133365
	Manganese	2280	2500	91	90 - 110	P	11/08/2024	15:29	LB133365
	Nickel	2390	2500	96	90 - 110	P	11/08/2024	15:29	LB133365
	Potassium	25100	25000	100	90 - 110	P	11/08/2024	15:29	LB133365
	Selenium	5080	5000	102	90 - 110	P	11/08/2024	15:29	LB133365
	Silver	1230	1250	98	90 - 110	P	11/08/2024	15:29	LB133365
	Sodium	24500	25000	98	90 - 110	P	11/08/2024	15:29	LB133365
	Thallium	5010	5000	100	90 - 110	P	11/08/2024	15:29	LB133365
	Vanadium	2390	2500	96	90 - 110	P	11/08/2024	15:29	LB133365
	Zinc	2520	2500	101	90 - 110	P	11/08/2024	15:29	LB133365
CCV03	Aluminum	9930	10000	99	90 - 110	P	11/08/2024	16:23	LB133365
	Antimony	5110	5000	102	90 - 110	P	11/08/2024	16:23	LB133365
	Arsenic	4980	5000	100	90 - 110	P	11/08/2024	16:23	LB133365
	Barium	9610	10000	96	90 - 110	P	11/08/2024	16:23	LB133365
	Beryllium	234	250	94	90 - 110	P	11/08/2024	16:23	LB133365
	Cadmium	2380	2500	95	90 - 110	P	11/08/2024	16:23	LB133365
	Calcium	23600	25000	94	90 - 110	P	11/08/2024	16:23	LB133365
	Chromium	930	1000	93	90 - 110	P	11/08/2024	16:23	LB133365
	Cobalt	2410	2500	96	90 - 110	P	11/08/2024	16:23	LB133365
	Copper	1270	1250	101	90 - 110	P	11/08/2024	16:23	LB133365
	Iron	4880	5000	98	90 - 110	P	11/08/2024	16:23	LB133365
	Lead	4840	5000	97	90 - 110	P	11/08/2024	16:23	LB133365
	Magnesium	23700	25000	95	90 - 110	P	11/08/2024	16:23	LB133365
	Manganese	2390	2500	96	90 - 110	P	11/08/2024	16:23	LB133365
	Nickel	2410	2500	96	90 - 110	P	11/08/2024	16:23	LB133365
	Potassium	25600	25000	102	90 - 110	P	11/08/2024	16:23	LB133365
	Selenium	5130	5000	103	90 - 110	P	11/08/2024	16:23	LB133365
	Silver	1250	1250	100	90 - 110	P	11/08/2024	16:23	LB133365
	Sodium	25100	25000	100	90 - 110	P	11/08/2024	16:23	LB133365
	Thallium	5140	5000	103	90 - 110	P	11/08/2024	16:23	LB133365
	Vanadium	2420	2500	97	90 - 110	P	11/08/2024	16:23	LB133365
	Zinc	2560	2500	102	90 - 110	P	11/08/2024	16:23	LB133365
CCV04	Aluminum	9690	10000	97	90 - 110	P	11/08/2024	17:16	LB133365
	Antimony	5290	5000	106	90 - 110	P	11/08/2024	17:16	LB133365

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	5190	5000	104	90 - 110	P	11/08/2024	17:16	LB133365
	Barium	9360	10000	94	90 - 110	P	11/08/2024	17:16	LB133365
	Beryllium	227	250	91	90 - 110	P	11/08/2024	17:16	LB133365
	Cadmium	2420	2500	97	90 - 110	P	11/08/2024	17:16	LB133365
	Calcium	22800	25000	91	90 - 110	P	11/08/2024	17:16	LB133365
	Chromium	927	1000	93	90 - 110	P	11/08/2024	17:16	LB133365
	Cobalt	2450	2500	98	90 - 110	P	11/08/2024	17:16	LB133365
	Copper	1310	1250	105	90 - 110	P	11/08/2024	17:16	LB133365
	Iron	4860	5000	97	90 - 110	P	11/08/2024	17:16	LB133365
	Lead	4940	5000	99	90 - 110	P	11/08/2024	17:16	LB133365
	Magnesium	23000	25000	92	90 - 110	P	11/08/2024	17:16	LB133365
	Manganese	2310	2500	93	90 - 110	P	11/08/2024	17:16	LB133365
	Nickel	2460	2500	98	90 - 110	P	11/08/2024	17:16	LB133365
	Potassium	25800	25000	103	90 - 110	P	11/08/2024	17:16	LB133365
	Selenium	5360	5000	107	90 - 110	P	11/08/2024	17:16	LB133365
	Silver	1260	1250	101	90 - 110	P	11/08/2024	17:16	LB133365
	Sodium	24500	25000	98	90 - 110	P	11/08/2024	17:16	LB133365
	Thallium	5230	5000	105	90 - 110	P	11/08/2024	17:16	LB133365
	Vanadium	2350	2500	94	90 - 110	P	11/08/2024	17:16	LB133365
	Zinc	2610	2500	104	90 - 110	P	11/08/2024	17:16	LB133365
CCV05	Aluminum	9880	10000	99	90 - 110	P	11/08/2024	18:04	LB133365
	Antimony	5230	5000	104	90 - 110	P	11/08/2024	18:04	LB133365
	Arsenic	5110	5000	102	90 - 110	P	11/08/2024	18:04	LB133365
	Barium	9290	10000	93	90 - 110	P	11/08/2024	18:04	LB133365
	Beryllium	234	250	94	90 - 110	P	11/08/2024	18:04	LB133365
	Cadmium	2430	2500	97	90 - 110	P	11/08/2024	18:04	LB133365
	Calcium	23500	25000	94	90 - 110	P	11/08/2024	18:04	LB133365
	Chromium	906	1000	91	90 - 110	P	11/08/2024	18:04	LB133365
	Cobalt	2460	2500	98	90 - 110	P	11/08/2024	18:04	LB133365
	Copper	1290	1250	103	90 - 110	P	11/08/2024	18:04	LB133365
	Iron	4750	5000	95	90 - 110	P	11/08/2024	18:04	LB133365
	Lead	4940	5000	99	90 - 110	P	11/08/2024	18:04	LB133365
	Magnesium	23700	25000	95	90 - 110	P	11/08/2024	18:04	LB133365
	Manganese	2280	2500	91	90 - 110	P	11/08/2024	18:04	LB133365

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	11/08/2024	18:04	LB133365
	Potassium	24800	25000	99	90 - 110	P	11/08/2024	18:04	LB133365
	Selenium	5280	5000	106	90 - 110	P	11/08/2024	18:04	LB133365
	Silver	1230	1250	99	90 - 110	P	11/08/2024	18:04	LB133365
	Sodium	23400	25000	94	90 - 110	P	11/08/2024	18:04	LB133365
	Thallium	5280	5000	106	90 - 110	P	11/08/2024	18:04	LB133365
	Vanadium	2410	2500	96	90 - 110	P	11/08/2024	18:04	LB133365
	Zinc	2540	2500	102	90 - 110	P	11/08/2024	18:04	LB133365
CCV06	Aluminum	9790	10000	98	90 - 110	P	11/08/2024	18:55	LB133365
	Antimony	5070	5000	101	90 - 110	P	11/08/2024	18:55	LB133365
	Arsenic	4970	5000	100	90 - 110	P	11/08/2024	18:55	LB133365
	Barium	9460	10000	95	90 - 110	P	11/08/2024	18:55	LB133365
	Beryllium	236	250	95	90 - 110	P	11/08/2024	18:55	LB133365
	Cadmium	2360	2500	95	90 - 110	P	11/08/2024	18:55	LB133365
	Calcium	23500	25000	94	90 - 110	P	11/08/2024	18:55	LB133365
	Chromium	923	1000	92	90 - 110	P	11/08/2024	18:55	LB133365
	Cobalt	2400	2500	96	90 - 110	P	11/08/2024	18:55	LB133365
	Copper	1250	1250	100	90 - 110	P	11/08/2024	18:55	LB133365
	Iron	4700	5000	94	90 - 110	P	11/08/2024	18:55	LB133365
	Lead	4830	5000	97	90 - 110	P	11/08/2024	18:55	LB133365
	Magnesium	23500	25000	94	90 - 110	P	11/08/2024	18:55	LB133365
	Manganese	2290	2500	92	90 - 110	P	11/08/2024	18:55	LB133365
	Nickel	2400	2500	96	90 - 110	P	11/08/2024	18:55	LB133365
	Potassium	24500	25000	98	90 - 110	P	11/08/2024	18:55	LB133365
	Selenium	5100	5000	102	90 - 110	P	11/08/2024	18:55	LB133365
	Silver	1220	1250	98	90 - 110	P	11/08/2024	18:55	LB133365
	Sodium	23900	25000	96	90 - 110	P	11/08/2024	18:55	LB133365
	Thallium	4990	5000	100	90 - 110	P	11/08/2024	18:55	LB133365
	Vanadium	2390	2500	96	90 - 110	P	11/08/2024	18:55	LB133365
	Zinc	2530	2500	101	90 - 110	P	11/08/2024	18:55	LB133365
CCV07	Aluminum	10100	10000	101	90 - 110	P	11/08/2024	19:47	LB133365
	Antimony	5180	5000	104	90 - 110	P	11/08/2024	19:47	LB133365
	Arsenic	5060	5000	101	90 - 110	P	11/08/2024	19:47	LB133365
	Barium	9520	10000	95	90 - 110	P	11/08/2024	19:47	LB133365

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	243	250	97	90 - 110	P	11/08/2024	19:47	LB133365
	Cadmium	2400	2500	96	90 - 110	P	11/08/2024	19:47	LB133365
	Calcium	24000	25000	96	90 - 110	P	11/08/2024	19:47	LB133365
	Chromium	920	1000	92	90 - 110	P	11/08/2024	19:47	LB133365
	Cobalt	2440	2500	98	90 - 110	P	11/08/2024	19:47	LB133365
	Copper	1280	1250	102	90 - 110	P	11/08/2024	19:47	LB133365
	Iron	4710	5000	94	90 - 110	P	11/08/2024	19:47	LB133365
	Lead	4910	5000	98	90 - 110	P	11/08/2024	19:47	LB133365
	Magnesium	24100	25000	97	90 - 110	P	11/08/2024	19:47	LB133365
	Manganese	2310	2500	92	90 - 110	P	11/08/2024	19:47	LB133365
	Nickel	2440	2500	98	90 - 110	P	11/08/2024	19:47	LB133365
	Potassium	25000	25000	100	90 - 110	P	11/08/2024	19:47	LB133365
	Selenium	5210	5000	104	90 - 110	P	11/08/2024	19:47	LB133365
	Silver	1250	1250	100	90 - 110	P	11/08/2024	19:47	LB133365
	Sodium	24600	25000	98	90 - 110	P	11/08/2024	19:47	LB133365
	Thallium	5050	5000	101	90 - 110	P	11/08/2024	19:47	LB133365
	Vanadium	2440	2500	98	90 - 110	P	11/08/2024	19:47	LB133365
	Zinc	2580	2500	103	90 - 110	P	11/08/2024	19:47	LB133365
CCV08	Aluminum	9430	10000	94	90 - 110	P	11/08/2024	20:48	LB133365
	Antimony	4620	5000	92	90 - 110	P	11/08/2024	20:48	LB133365
	Arsenic	4620	5000	92	90 - 110	P	11/08/2024	20:48	LB133365
	Barium	9200	10000	92	90 - 110	P	11/08/2024	20:48	LB133365
	Beryllium	257	250	103	90 - 110	P	11/08/2024	20:48	LB133365
	Cadmium	2370	2500	95	90 - 110	P	11/08/2024	20:48	LB133365
	Calcium	24000	25000	96	90 - 110	P	11/08/2024	20:48	LB133365
	Chromium	920	1000	92	90 - 110	P	11/08/2024	20:48	LB133365
	Cobalt	2370	2500	95	90 - 110	P	11/08/2024	20:48	LB133365
	Copper	1170	1250	94	90 - 110	P	11/08/2024	20:48	LB133365
	Iron	4520	5000	90	90 - 110	P	11/08/2024	20:48	LB133365
	Lead	4790	5000	96	90 - 110	P	11/08/2024	20:48	LB133365
	Magnesium	24600	25000	98	90 - 110	P	11/08/2024	20:48	LB133365
	Manganese	2300	2500	92	90 - 110	P	11/08/2024	20:48	LB133365
	Nickel	2380	2500	95	90 - 110	P	11/08/2024	20:48	LB133365
	Potassium	25700	25000	103	90 - 110	P	11/08/2024	20:48	LB133365

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

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	4670	5000	93	90 - 110	P	11/08/2024	20:48	LB133365
	Silver	1190	1250	95	90 - 110	P	11/08/2024	20:48	LB133365
	Sodium	24200	25000	97	90 - 110	P	11/08/2024	20:48	LB133365
	Thallium	4810	5000	96	90 - 110	P	11/08/2024	20:48	LB133365
	Vanadium	2370	2500	95	90 - 110	P	11/08/2024	20:48	LB133365
	Zinc	2380	2500	95	90 - 110	P	11/08/2024	20:48	LB133365
CCV09	Aluminum	9360	10000	94	90 - 110	P	11/08/2024	21:50	LB133365
	Antimony	4620	5000	92	90 - 110	P	11/08/2024	21:50	LB133365
	Arsenic	4610	5000	92	90 - 110	P	11/08/2024	21:50	LB133365
	Barium	9110	10000	91	90 - 110	P	11/08/2024	21:50	LB133365
	Beryllium	251	250	100	90 - 110	P	11/08/2024	21:50	LB133365
	Cadmium	2310	2500	93	90 - 110	P	11/08/2024	21:50	LB133365
	Calcium	23600	25000	95	90 - 110	P	11/08/2024	21:50	LB133365
	Chromium	902	1000	90	90 - 110	P	11/08/2024	21:50	LB133365
	Cobalt	2330	2500	93	90 - 110	P	11/08/2024	21:50	LB133365
	Copper	1160	1250	93	90 - 110	P	11/08/2024	21:50	LB133365
	Iron	5470	5000	109	90 - 110	P	11/08/2024	21:50	LB133365
	Lead	4710	5000	94	90 - 110	P	11/08/2024	21:50	LB133365
	Magnesium	24200	25000	97	90 - 110	P	11/08/2024	21:50	LB133365
	Manganese	2270	2500	91	90 - 110	P	11/08/2024	21:50	LB133365
	Nickel	2330	2500	93	90 - 110	P	11/08/2024	21:50	LB133365
	Potassium	25800	25000	103	90 - 110	P	11/08/2024	21:50	LB133365
	Selenium	4690	5000	94	90 - 110	P	11/08/2024	21:50	LB133365
	Silver	1190	1250	95	90 - 110	P	11/08/2024	21:50	LB133365
	Sodium	23900	25000	96	90 - 110	P	11/08/2024	21:50	LB133365
	Thallium	4710	5000	94	90 - 110	P	11/08/2024	21:50	LB133365
	Vanadium	2350	2500	94	90 - 110	P	11/08/2024	21:50	LB133365
	Zinc	2420	2500	97	90 - 110	P	11/08/2024	21:50	LB133365
CCV10	Aluminum	10100	10000	101	90 - 110	P	11/08/2024	23:24	LB133365
	Antimony	4640	5000	93	90 - 110	P	11/08/2024	23:24	LB133365
	Arsenic	5340	5000	107	90 - 110	P	11/08/2024	23:24	LB133365
	Barium	9550	10000	96	90 - 110	P	11/08/2024	23:24	LB133365
	Beryllium	259	250	104	90 - 110	P	11/08/2024	23:24	LB133365
	Cadmium	2430	2500	97	90 - 110	P	11/08/2024	23:24	LB133365

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4578

Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	22800	25000	91	90 - 110	P	11/08/2024	23:24	LB133365
	Chromium	1000	1000	100	90 - 110	P	11/08/2024	23:24	LB133365
	Cobalt	2530	2500	101	90 - 110	P	11/08/2024	23:24	LB133365
	Copper	1130	1250	91	90 - 110	P	11/08/2024	23:24	LB133365
	Iron	5150	5000	103	90 - 110	P	11/08/2024	23:24	LB133365
	Lead	4980	5000	100	90 - 110	P	11/08/2024	23:24	LB133365
	Magnesium	24100	25000	96	90 - 110	P	11/08/2024	23:24	LB133365
	Manganese	2380	2500	95	90 - 110	P	11/08/2024	23:24	LB133365
	Nickel	2360	2500	94	90 - 110	P	11/08/2024	23:24	LB133365
	Potassium	26300	25000	105	90 - 110	P	11/08/2024	23:24	LB133365
	Selenium	4900	5000	98	90 - 110	P	11/08/2024	23:24	LB133365
	Silver	1270	1250	102	90 - 110	P	11/08/2024	23:24	LB133365
	Sodium	26100	25000	104	90 - 110	P	11/08/2024	23:24	LB133365
	Thallium	4930	5000	98	90 - 110	P	11/08/2024	23:24	LB133365
	Vanadium	2610	2500	104	90 - 110	P	11/08/2024	23:24	LB133365
	Zinc	2690	2500	108	90 - 110	P	11/08/2024	23:24	LB133365