

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

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
ICV10	Mercury	4.14	4.0	104	90 - 110	CV	08/12/2025	14:21	LB136788

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV29	Mercury	4.93	5.0	99	90 - 110	CV	08/12/2025	14:26	LB136788
CCV30	Mercury	4.98	5.0	100	90 - 110	CV	08/12/2025	14:56	LB136788
CCV31	Mercury	4.91	5.0	98	90 - 110	CV	08/12/2025	15:24	LB136788
CCV32	Mercury	4.78	5.0	96	90 - 110	CV	08/12/2025	15:35	LB136788

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV18	Mercury	4.08	4.0	102	90 - 110	CV	08/15/2025	11:40	LB136836

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV54	Mercury	5.24	5.0	105	90 - 110	CV	08/15/2025	12:11	LB136836
CCV55	Mercury	4.83	5.0	96	90 - 110	CV	08/15/2025	12:38	LB136836
CCV56	Mercury	5.09	5.0	102	90 - 110	CV	08/15/2025	13:09	LB136836
CCV57	Mercury	5.18	5.0	104	90 - 110	CV	08/15/2025	13:15	LB136836

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8030	8000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Antimony	4100	4000	102	90 - 110	P	08/14/2025	12:05	LB136837
	Arsenic	3980	4000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Barium	8040	8000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Beryllium	202	200	101	90 - 110	P	08/14/2025	12:05	LB136837
	Cadmium	1980	2000	99	90 - 110	P	08/14/2025	12:05	LB136837
	Calcium	20100	20000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Chromium	820	800	102	90 - 110	P	08/14/2025	12:05	LB136837
	Cobalt	2010	2000	101	90 - 110	P	08/14/2025	12:05	LB136837
	Copper	1030	1000	102	90 - 110	P	08/14/2025	12:05	LB136837
	Iron	4050	4000	101	90 - 110	P	08/14/2025	12:05	LB136837
	Lead	3890	4000	97	90 - 110	P	08/14/2025	12:05	LB136837
	Magnesium	20100	20000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Manganese	2020	2000	101	90 - 110	P	08/14/2025	12:05	LB136837
	Nickel	2010	2000	100	90 - 110	P	08/14/2025	12:05	LB136837
	Potassium	19800	20000	99	90 - 110	P	08/14/2025	12:05	LB136837
	Selenium	3970	4000	99	90 - 110	P	08/14/2025	12:05	LB136837
	Silver	1070	1000	107	90 - 110	P	08/14/2025	12:05	LB136837
	Sodium	19700	20000	98	90 - 110	P	08/14/2025	12:05	LB136837
	Thallium	3830	4000	96	90 - 110	P	08/14/2025	12:05	LB136837
	Vanadium	2020	2000	101	90 - 110	P	08/14/2025	12:05	LB136837
	Zinc	2000	2000	100	90 - 110	P	08/14/2025	12:05	LB136837

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	90.2	100	90	80 - 120	P	08/14/2025	12:09	LB136837
	Antimony	53.2	50.0	106	80 - 120	P	08/14/2025	12:09	LB136837
	Arsenic	21.4	20.0	107	80 - 120	P	08/14/2025	12:09	LB136837
	Barium	97.9	100	98	80 - 120	P	08/14/2025	12:09	LB136837
	Beryllium	6.22	6.0	104	80 - 120	P	08/14/2025	12:09	LB136837
	Cadmium	5.85	6.0	97	80 - 120	P	08/14/2025	12:09	LB136837
	Calcium	2090	2000	105	80 - 120	P	08/14/2025	12:09	LB136837
	Chromium	10.7	10.0	107	80 - 120	P	08/14/2025	12:09	LB136837
	Cobalt	29.9	30.0	100	80 - 120	P	08/14/2025	12:09	LB136837
	Copper	21.6	20.0	108	80 - 120	P	08/14/2025	12:09	LB136837
	Iron	112	100	112	80 - 120	P	08/14/2025	12:09	LB136837
	Lead	12.2	12.0	101	80 - 120	P	08/14/2025	12:09	LB136837
	Magnesium	2200	2000	110	80 - 120	P	08/14/2025	12:09	LB136837
	Manganese	21.6	20.0	108	80 - 120	P	08/14/2025	12:09	LB136837
	Nickel	40.2	40.0	100	80 - 120	P	08/14/2025	12:09	LB136837
	Potassium	2030	2000	101	80 - 120	P	08/14/2025	12:09	LB136837
	Selenium	19.6	20.0	98	80 - 120	P	08/14/2025	12:09	LB136837
	Silver	10.5	10.0	105	80 - 120	P	08/14/2025	12:09	LB136837
	Sodium	1920	2000	96	80 - 120	P	08/14/2025	12:09	LB136837
	Thallium	41.7	40.0	104	80 - 120	P	08/14/2025	12:09	LB136837
	Vanadium	39.4	40.0	99	80 - 120	P	08/14/2025	12:09	LB136837
	Zinc	42.9	40.0	107	80 - 120	P	08/14/2025	12:09	LB136837

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	08/14/2025	12:50	LB136837
	Antimony	5100	5000	102	90 - 110	P	08/14/2025	12:50	LB136837
	Arsenic	5070	5000	102	90 - 110	P	08/14/2025	12:50	LB136837
	Barium	9910	10000	99	90 - 110	P	08/14/2025	12:50	LB136837
	Beryllium	250	250	100	90 - 110	P	08/14/2025	12:50	LB136837
	Cadmium	2490	2500	100	90 - 110	P	08/14/2025	12:50	LB136837
	Calcium	25000	25000	100	90 - 110	P	08/14/2025	12:50	LB136837
	Chromium	1020	1000	102	90 - 110	P	08/14/2025	12:50	LB136837
	Cobalt	2490	2500	100	90 - 110	P	08/14/2025	12:50	LB136837
	Copper	1270	1250	101	90 - 110	P	08/14/2025	12:50	LB136837
	Iron	5010	5000	100	90 - 110	P	08/14/2025	12:50	LB136837
	Lead	4960	5000	99	90 - 110	P	08/14/2025	12:50	LB136837
	Magnesium	24900	25000	100	90 - 110	P	08/14/2025	12:50	LB136837
	Manganese	2470	2500	99	90 - 110	P	08/14/2025	12:50	LB136837
	Nickel	2490	2500	100	90 - 110	P	08/14/2025	12:50	LB136837
	Potassium	25100	25000	100	90 - 110	P	08/14/2025	12:50	LB136837
	Selenium	5140	5000	103	90 - 110	P	08/14/2025	12:50	LB136837
	Silver	1270	1250	102	90 - 110	P	08/14/2025	12:50	LB136837
	Sodium	24900	25000	100	90 - 110	P	08/14/2025	12:50	LB136837
	Thallium	5280	5000	106	90 - 110	P	08/14/2025	12:50	LB136837
	Vanadium	2510	2500	101	90 - 110	P	08/14/2025	12:50	LB136837
	Zinc	2550	2500	102	90 - 110	P	08/14/2025	12:50	LB136837
CCV02	Aluminum	9980	10000	100	90 - 110	P	08/14/2025	13:42	LB136837
	Antimony	5140	5000	103	90 - 110	P	08/14/2025	13:42	LB136837
	Arsenic	5090	5000	102	90 - 110	P	08/14/2025	13:42	LB136837
	Barium	9920	10000	99	90 - 110	P	08/14/2025	13:42	LB136837
	Beryllium	233	250	93	90 - 110	P	08/14/2025	13:42	LB136837
	Cadmium	2460	2500	98	90 - 110	P	08/14/2025	13:42	LB136837
	Calcium	24600	25000	99	90 - 110	P	08/14/2025	13:42	LB136837
	Chromium	1020	1000	102	90 - 110	P	08/14/2025	13:42	LB136837
	Cobalt	2480	2500	99	90 - 110	P	08/14/2025	13:42	LB136837
	Copper	1260	1250	101	90 - 110	P	08/14/2025	13:42	LB136837
	Iron	5260	5000	105	90 - 110	P	08/14/2025	13:42	LB136837
	Lead	4890	5000	98	90 - 110	P	08/14/2025	13:42	LB136837

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24400	25000	98	90 - 110	P	08/14/2025	13:42	LB136837
	Manganese	2430	2500	97	90 - 110	P	08/14/2025	13:42	LB136837
	Nickel	2480	2500	99	90 - 110	P	08/14/2025	13:42	LB136837
	Potassium	26700	25000	107	90 - 110	P	08/14/2025	13:42	LB136837
	Selenium	5140	5000	103	90 - 110	P	08/14/2025	13:42	LB136837
	Silver	1260	1250	101	90 - 110	P	08/14/2025	13:42	LB136837
	Sodium	25000	25000	100	90 - 110	P	08/14/2025	13:42	LB136837
	Thallium	5040	5000	101	90 - 110	P	08/14/2025	13:42	LB136837
	Vanadium	2500	2500	100	90 - 110	P	08/14/2025	13:42	LB136837
	Zinc	2580	2500	103	90 - 110	P	08/14/2025	13:42	LB136837
CCV03	Aluminum	9770	10000	98	90 - 110	P	08/14/2025	14:41	LB136837
	Antimony	5050	5000	101	90 - 110	P	08/14/2025	14:41	LB136837
	Arsenic	4980	5000	100	90 - 110	P	08/14/2025	14:41	LB136837
	Barium	9880	10000	99	90 - 110	P	08/14/2025	14:41	LB136837
	Beryllium	237	250	95	90 - 110	P	08/14/2025	14:41	LB136837
	Cadmium	2400	2500	96	90 - 110	P	08/14/2025	14:41	LB136837
	Calcium	24200	25000	97	90 - 110	P	08/14/2025	14:41	LB136837
	Chromium	984	1000	98	90 - 110	P	08/14/2025	14:41	LB136837
	Cobalt	2410	2500	96	90 - 110	P	08/14/2025	14:41	LB136837
	Copper	1240	1250	99	90 - 110	P	08/14/2025	14:41	LB136837
	Iron	5010	5000	100	90 - 110	P	08/14/2025	14:41	LB136837
	Lead	4790	5000	96	90 - 110	P	08/14/2025	14:41	LB136837
	Magnesium	24000	25000	96	90 - 110	P	08/14/2025	14:41	LB136837
	Manganese	2410	2500	96	90 - 110	P	08/14/2025	14:41	LB136837
	Nickel	2420	2500	97	90 - 110	P	08/14/2025	14:41	LB136837
	Potassium	25400	25000	102	90 - 110	P	08/14/2025	14:41	LB136837
	Selenium	5000	5000	100	90 - 110	P	08/14/2025	14:41	LB136837
	Silver	1240	1250	99	90 - 110	P	08/14/2025	14:41	LB136837
	Sodium	24300	25000	97	90 - 110	P	08/14/2025	14:41	LB136837
	Thallium	4710	5000	94	90 - 110	P	08/14/2025	14:41	LB136837
	Vanadium	2460	2500	98	90 - 110	P	08/14/2025	14:41	LB136837
	Zinc	2520	2500	101	90 - 110	P	08/14/2025	14:41	LB136837
CCV04	Aluminum	9870	10000	99	90 - 110	P	08/14/2025	15:58	LB136837
	Antimony	5180	5000	104	90 - 110	P	08/14/2025	15:58	LB136837

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5090	5000	102	90 - 110	P	08/14/2025	15:58	LB136837
	Barium	9790	10000	98	90 - 110	P	08/14/2025	15:58	LB136837
	Beryllium	232	250	93	90 - 110	P	08/14/2025	15:58	LB136837
	Cadmium	2410	2500	96	90 - 110	P	08/14/2025	15:58	LB136837
	Calcium	24200	25000	97	90 - 110	P	08/14/2025	15:58	LB136837
	Chromium	1000	1000	100	90 - 110	P	08/14/2025	15:58	LB136837
	Cobalt	2430	2500	97	90 - 110	P	08/14/2025	15:58	LB136837
	Copper	1260	1250	100	90 - 110	P	08/14/2025	15:58	LB136837
	Iron	5210	5000	104	90 - 110	P	08/14/2025	15:58	LB136837
	Lead	4810	5000	96	90 - 110	P	08/14/2025	15:58	LB136837
	Magnesium	24000	25000	96	90 - 110	P	08/14/2025	15:58	LB136837
	Manganese	2410	2500	96	90 - 110	P	08/14/2025	15:58	LB136837
	Nickel	2440	2500	98	90 - 110	P	08/14/2025	15:58	LB136837
	Potassium	26500	25000	106	90 - 110	P	08/14/2025	15:58	LB136837
	Selenium	5210	5000	104	90 - 110	P	08/14/2025	15:58	LB136837
	Silver	1260	1250	101	90 - 110	P	08/14/2025	15:58	LB136837
	Sodium	25100	25000	100	90 - 110	P	08/14/2025	15:58	LB136837
	Thallium	5210	5000	104	90 - 110	P	08/14/2025	15:58	LB136837
	Vanadium	2470	2500	99	90 - 110	P	08/14/2025	15:58	LB136837
	Zinc	2580	2500	103	90 - 110	P	08/14/2025	15:58	LB136837
CCV05	Aluminum	9710	10000	97	90 - 110	P	08/14/2025	16:50	LB136837
	Antimony	5230	5000	105	90 - 110	P	08/14/2025	16:50	LB136837
	Arsenic	5110	5000	102	90 - 110	P	08/14/2025	16:50	LB136837
	Barium	9710	10000	97	90 - 110	P	08/14/2025	16:50	LB136837
	Beryllium	228	250	91	90 - 110	P	08/14/2025	16:50	LB136837
	Cadmium	2390	2500	96	90 - 110	P	08/14/2025	16:50	LB136837
	Calcium	23800	25000	95	90 - 110	P	08/14/2025	16:50	LB136837
	Chromium	985	1000	98	90 - 110	P	08/14/2025	16:50	LB136837
	Cobalt	2410	2500	96	90 - 110	P	08/14/2025	16:50	LB136837
	Copper	1260	1250	100	90 - 110	P	08/14/2025	16:50	LB136837
	Iron	5160	5000	103	90 - 110	P	08/14/2025	16:50	LB136837
	Lead	4770	5000	96	90 - 110	P	08/14/2025	16:50	LB136837
	Magnesium	23500	25000	94	90 - 110	P	08/14/2025	16:50	LB136837
	Manganese	2360	2500	94	90 - 110	P	08/14/2025	16:50	LB136837

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CCV05	Nickel	2430	2500	97	90 - 110	P	08/14/2025	16:50	LB136837
	Potassium	26500	25000	106	90 - 110	P	08/14/2025	16:50	LB136837
	Selenium	5230	5000	104	90 - 110	P	08/14/2025	16:50	LB136837
	Silver	1250	1250	100	90 - 110	P	08/14/2025	16:50	LB136837
	Sodium	23300	25000	93	90 - 110	P	08/14/2025	16:50	LB136837
	Thallium	4710	5000	94	90 - 110	P	08/14/2025	16:50	LB136837
	Vanadium	2450	2500	98	90 - 110	P	08/14/2025	16:50	LB136837
	Zinc	2590	2500	104	90 - 110	P	08/14/2025	16:50	LB136837
CCV06	Aluminum	9730	10000	97	90 - 110	P	08/14/2025	17:54	LB136837
	Antimony	5260	5000	105	90 - 110	P	08/14/2025	17:54	LB136837
	Arsenic	5150	5000	103	90 - 110	P	08/14/2025	17:54	LB136837
	Barium	9970	10000	100	90 - 110	P	08/14/2025	17:54	LB136837
	Beryllium	243	250	97	90 - 110	P	08/14/2025	17:54	LB136837
	Cadmium	2380	2500	95	90 - 110	P	08/14/2025	17:54	LB136837
	Calcium	24000	25000	96	90 - 110	P	08/14/2025	17:54	LB136837
	Chromium	984	1000	98	90 - 110	P	08/14/2025	17:54	LB136837
	Cobalt	2410	2500	96	90 - 110	P	08/14/2025	17:54	LB136837
	Copper	1260	1250	100	90 - 110	P	08/14/2025	17:54	LB136837
	Iron	5310	5000	106	90 - 110	P	08/14/2025	17:54	LB136837
	Lead	4750	5000	95	90 - 110	P	08/14/2025	17:54	LB136837
	Magnesium	23400	25000	94	90 - 110	P	08/14/2025	17:54	LB136837
	Manganese	2400	2500	96	90 - 110	P	08/14/2025	17:54	LB136837
	Nickel	2430	2500	97	90 - 110	P	08/14/2025	17:54	LB136837
	Potassium	26900	25000	108	90 - 110	P	08/14/2025	17:54	LB136837
	Selenium	5260	5000	105	90 - 110	P	08/14/2025	17:54	LB136837
	Silver	1250	1250	100	90 - 110	P	08/14/2025	17:54	LB136837
	Sodium	25000	25000	100	90 - 110	P	08/14/2025	17:54	LB136837
	Thallium	5000	5000	100	90 - 110	P	08/14/2025	17:54	LB136837
	Vanadium	2470	2500	99	90 - 110	P	08/14/2025	17:54	LB136837
	Zinc	2570	2500	103	90 - 110	P	08/14/2025	17:54	LB136837

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7800	8000	98	90 - 110	P	08/20/2025	13:04	LB136898
	Antimony	4060	4000	102	90 - 110	P	08/20/2025	13:04	LB136898
	Arsenic	3950	4000	99	90 - 110	P	08/20/2025	13:04	LB136898
	Barium	7740	8000	97	90 - 110	P	08/20/2025	13:04	LB136898
	Beryllium	217	200	109	90 - 110	P	08/20/2025	13:04	LB136898
	Cadmium	1960	2000	98	90 - 110	P	08/20/2025	13:04	LB136898
	Calcium	19400	20000	97	90 - 110	P	08/20/2025	13:04	LB136898
	Chromium	809	800	101	90 - 110	P	08/20/2025	13:04	LB136898
	Cobalt	1970	2000	99	90 - 110	P	08/20/2025	13:04	LB136898
	Copper	1010	1000	101	90 - 110	P	08/20/2025	13:04	LB136898
	Iron	3970	4000	99	90 - 110	P	08/20/2025	13:04	LB136898
	Lead	3970	4000	99	90 - 110	P	08/20/2025	13:04	LB136898
	Magnesium	19400	20000	97	90 - 110	P	08/20/2025	13:04	LB136898
	Manganese	1950	2000	97	90 - 110	P	08/20/2025	13:04	LB136898
	Nickel	1970	2000	98	90 - 110	P	08/20/2025	13:04	LB136898
	Potassium	19600	20000	98	90 - 110	P	08/20/2025	13:04	LB136898
	Selenium	3990	4000	100	90 - 110	P	08/20/2025	13:04	LB136898
	Silver	1010	1000	101	90 - 110	P	08/20/2025	13:04	LB136898
	Sodium	18900	20000	94	90 - 110	P	08/20/2025	13:04	LB136898
	Thallium	3920	4000	98	90 - 110	P	08/20/2025	13:04	LB136898
	Vanadium	1940	2000	97	90 - 110	P	08/20/2025	13:04	LB136898
	Zinc	2010	2000	101	90 - 110	P	08/20/2025	13:04	LB136898

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	08/20/2025	13:17	LB136898
	Antimony	49.3	50.0	98	80 - 120	P	08/20/2025	13:17	LB136898
	Arsenic	20.0	20.0	100	80 - 120	P	08/20/2025	13:17	LB136898
	Barium	97.7	100	98	80 - 120	P	08/20/2025	13:17	LB136898
	Beryllium	6.15	6.0	103	80 - 120	P	08/20/2025	13:17	LB136898
	Cadmium	5.60	6.0	93	80 - 120	P	08/20/2025	13:17	LB136898
	Calcium	2050	2000	102	80 - 120	P	08/20/2025	13:17	LB136898
	Chromium	9.70	10.0	97	80 - 120	P	08/20/2025	13:17	LB136898
	Cobalt	28.7	30.0	96	80 - 120	P	08/20/2025	13:17	LB136898
	Copper	20.8	20.0	104	80 - 120	P	08/20/2025	13:17	LB136898
	Iron	103	100	103	80 - 120	P	08/20/2025	13:17	LB136898
	Lead	12.0	12.0	100	80 - 120	P	08/20/2025	13:17	LB136898
	Magnesium	2160	2000	108	80 - 120	P	08/20/2025	13:17	LB136898
	Manganese	21.9	20.0	109	80 - 120	P	08/20/2025	13:17	LB136898
	Nickel	39.1	40.0	98	80 - 120	P	08/20/2025	13:17	LB136898
	Potassium	1870	2000	94	80 - 120	P	08/20/2025	13:17	LB136898
	Selenium	21.2	20.0	106	80 - 120	P	08/20/2025	13:17	LB136898
	Silver	10.4	10.0	104	80 - 120	P	08/20/2025	13:17	LB136898
	Sodium	1910	2000	96	80 - 120	P	08/20/2025	13:17	LB136898
	Thallium	41.1	40.0	103	80 - 120	P	08/20/2025	13:17	LB136898
	Vanadium	42.6	40.0	107	80 - 120	P	08/20/2025	13:17	LB136898
	Zinc	41.2	40.0	103	80 - 120	P	08/20/2025	13:17	LB136898

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

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	9920	10000	99	90 - 110	P	08/20/2025	13:47	LB136898
	Antimony	4980	5000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Arsenic	4980	5000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Barium	9810	10000	98	90 - 110	P	08/20/2025	13:47	LB136898
	Beryllium	246	250	98	90 - 110	P	08/20/2025	13:47	LB136898
	Cadmium	2470	2500	99	90 - 110	P	08/20/2025	13:47	LB136898
	Calcium	24800	25000	99	90 - 110	P	08/20/2025	13:47	LB136898
	Chromium	1010	1000	101	90 - 110	P	08/20/2025	13:47	LB136898
	Cobalt	2460	2500	98	90 - 110	P	08/20/2025	13:47	LB136898
	Copper	1250	1250	100	90 - 110	P	08/20/2025	13:47	LB136898
	Iron	5020	5000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Lead	4900	5000	98	90 - 110	P	08/20/2025	13:47	LB136898
	Magnesium	24700	25000	99	90 - 110	P	08/20/2025	13:47	LB136898
	Manganese	2470	2500	99	90 - 110	P	08/20/2025	13:47	LB136898
	Nickel	2460	2500	98	90 - 110	P	08/20/2025	13:47	LB136898
	Potassium	24800	25000	99	90 - 110	P	08/20/2025	13:47	LB136898
	Selenium	5010	5000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Silver	1240	1250	100	90 - 110	P	08/20/2025	13:47	LB136898
	Sodium	25000	25000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Thallium	4970	5000	100	90 - 110	P	08/20/2025	13:47	LB136898
	Vanadium	2480	2500	99	90 - 110	P	08/20/2025	13:47	LB136898
	Zinc	2520	2500	101	90 - 110	P	08/20/2025	13:47	LB136898
CCV02	Aluminum	9850	10000	98	90 - 110	P	08/20/2025	14:39	LB136898
	Antimony	4990	5000	100	90 - 110	P	08/20/2025	14:39	LB136898
	Arsenic	4960	5000	99	90 - 110	P	08/20/2025	14:39	LB136898
	Barium	9760	10000	98	90 - 110	P	08/20/2025	14:39	LB136898
	Beryllium	243	250	97	90 - 110	P	08/20/2025	14:39	LB136898
	Cadmium	2450	2500	98	90 - 110	P	08/20/2025	14:39	LB136898
	Calcium	24500	25000	98	90 - 110	P	08/20/2025	14:39	LB136898
	Chromium	1000	1000	100	90 - 110	P	08/20/2025	14:39	LB136898
	Cobalt	2440	2500	98	90 - 110	P	08/20/2025	14:39	LB136898
	Copper	1240	1250	100	90 - 110	P	08/20/2025	14:39	LB136898
	Iron	5060	5000	101	90 - 110	P	08/20/2025	14:39	LB136898
	Lead	4860	5000	97	90 - 110	P	08/20/2025	14:39	LB136898

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

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	24200	25000	97	90 - 110	P	08/20/2025	14:39	LB136898
	Manganese	2440	2500	98	90 - 110	P	08/20/2025	14:39	LB136898
	Nickel	2450	2500	98	90 - 110	P	08/20/2025	14:39	LB136898
	Potassium	25300	25000	101	90 - 110	P	08/20/2025	14:39	LB136898
	Selenium	5010	5000	100	90 - 110	P	08/20/2025	14:39	LB136898
	Silver	1250	1250	100	90 - 110	P	08/20/2025	14:39	LB136898
	Sodium	25200	25000	101	90 - 110	P	08/20/2025	14:39	LB136898
	Thallium	5050	5000	101	90 - 110	P	08/20/2025	14:39	LB136898
	Vanadium	2460	2500	98	90 - 110	P	08/20/2025	14:39	LB136898
	Zinc	2510	2500	100	90 - 110	P	08/20/2025	14:39	LB136898
CCV03	Aluminum	9770	10000	98	90 - 110	P	08/20/2025	15:45	LB136898
	Antimony	5030	5000	101	90 - 110	P	08/20/2025	15:45	LB136898
	Arsenic	5010	5000	100	90 - 110	P	08/20/2025	15:45	LB136898
	Barium	9560	10000	96	90 - 110	P	08/20/2025	15:45	LB136898
	Beryllium	251	250	100	90 - 110	P	08/20/2025	15:45	LB136898
	Cadmium	2470	2500	99	90 - 110	P	08/20/2025	15:45	LB136898
	Calcium	24100	25000	96	90 - 110	P	08/20/2025	15:45	LB136898
	Chromium	1020	1000	102	90 - 110	P	08/20/2025	15:45	LB136898
	Cobalt	2460	2500	98	90 - 110	P	08/20/2025	15:45	LB136898
	Copper	1250	1250	100	90 - 110	P	08/20/2025	15:45	LB136898
	Iron	4950	5000	99	90 - 110	P	08/20/2025	15:45	LB136898
	Lead	4900	5000	98	90 - 110	P	08/20/2025	15:45	LB136898
	Magnesium	24100	25000	96	90 - 110	P	08/20/2025	15:45	LB136898
	Manganese	2390	2500	96	90 - 110	P	08/20/2025	15:45	LB136898
	Nickel	2470	2500	99	90 - 110	P	08/20/2025	15:45	LB136898
	Potassium	24500	25000	98	90 - 110	P	08/20/2025	15:45	LB136898
	Selenium	5050	5000	101	90 - 110	P	08/20/2025	15:45	LB136898
	Silver	1260	1250	101	90 - 110	P	08/20/2025	15:45	LB136898
	Sodium	22900	25000	92	90 - 110	P	08/20/2025	15:45	LB136898
	Thallium	4780	5000	96	90 - 110	P	08/20/2025	15:45	LB136898
	Vanadium	2440	2500	98	90 - 110	P	08/20/2025	15:45	LB136898
	Zinc	2530	2500	101	90 - 110	P	08/20/2025	15:45	LB136898
CCV04	Aluminum	9870	10000	99	90 - 110	P	08/20/2025	16:35	LB136898
	Antimony	5050	5000	101	90 - 110	P	08/20/2025	16:35	LB136898

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

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	5050	5000	101	90 - 110	P	08/20/2025	16:35	LB136898
	Barium	9770	10000	98	90 - 110	P	08/20/2025	16:35	LB136898
	Beryllium	247	250	99	90 - 110	P	08/20/2025	16:35	LB136898
	Cadmium	2480	2500	99	90 - 110	P	08/20/2025	16:35	LB136898
	Calcium	24600	25000	98	90 - 110	P	08/20/2025	16:35	LB136898
	Chromium	1010	1000	101	90 - 110	P	08/20/2025	16:35	LB136898
	Cobalt	2480	2500	99	90 - 110	P	08/20/2025	16:35	LB136898
	Copper	1260	1250	100	90 - 110	P	08/20/2025	16:35	LB136898
	Iron	4980	5000	100	90 - 110	P	08/20/2025	16:35	LB136898
	Lead	4930	5000	99	90 - 110	P	08/20/2025	16:35	LB136898
	Magnesium	24500	25000	98	90 - 110	P	08/20/2025	16:35	LB136898
	Manganese	2430	2500	97	90 - 110	P	08/20/2025	16:35	LB136898
	Nickel	2480	2500	99	90 - 110	P	08/20/2025	16:35	LB136898
	Potassium	24800	25000	99	90 - 110	P	08/20/2025	16:35	LB136898
	Selenium	5090	5000	102	90 - 110	P	08/20/2025	16:35	LB136898
	Silver	1250	1250	100	90 - 110	P	08/20/2025	16:35	LB136898
	Sodium	23800	25000	95	90 - 110	P	08/20/2025	16:35	LB136898
	Thallium	5150	5000	103	90 - 110	P	08/20/2025	16:35	LB136898
	Vanadium	2470	2500	99	90 - 110	P	08/20/2025	16:35	LB136898
	Zinc	2530	2500	101	90 - 110	P	08/20/2025	16:35	LB136898
CCV05	Aluminum	9860	10000	99	90 - 110	P	08/20/2025	17:09	LB136898
	Antimony	4990	5000	100	90 - 110	P	08/20/2025	17:09	LB136898
	Arsenic	4990	5000	100	90 - 110	P	08/20/2025	17:09	LB136898
	Barium	9690	10000	97	90 - 110	P	08/20/2025	17:09	LB136898
	Beryllium	251	250	101	90 - 110	P	08/20/2025	17:09	LB136898
	Cadmium	2480	2500	99	90 - 110	P	08/20/2025	17:09	LB136898
	Calcium	24500	25000	98	90 - 110	P	08/20/2025	17:09	LB136898
	Chromium	1010	1000	102	90 - 110	P	08/20/2025	17:09	LB136898
	Cobalt	2470	2500	99	90 - 110	P	08/20/2025	17:09	LB136898
	Copper	1250	1250	100	90 - 110	P	08/20/2025	17:09	LB136898
	Iron	4930	5000	98	90 - 110	P	08/20/2025	17:09	LB136898
	Lead	4920	5000	98	90 - 110	P	08/20/2025	17:09	LB136898
	Magnesium	24500	25000	98	90 - 110	P	08/20/2025	17:09	LB136898
	Manganese	2420	2500	97	90 - 110	P	08/20/2025	17:09	LB136898

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc.

SDG No.: Q2815

Contract: FIRS02

Lab Code: ACE

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	2480	2500	99	90 - 110	P	08/20/2025	17:09	LB136898
	Potassium	24600	25000	98	90 - 110	P	08/20/2025	17:09	LB136898
	Selenium	5020	5000	100	90 - 110	P	08/20/2025	17:09	LB136898
	Silver	1250	1250	100	90 - 110	P	08/20/2025	17:09	LB136898
	Sodium	23400	25000	94	90 - 110	P	08/20/2025	17:09	LB136898
	Thallium	5030	5000	101	90 - 110	P	08/20/2025	17:09	LB136898
	Vanadium	2460	2500	99	90 - 110	P	08/20/2025	17:09	LB136898
	Zinc	2540	2500	102	90 - 110	P	08/20/2025	17:09	LB136898