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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: First Environment, Inc.

SDG No.: Q2814

Contract: FIRS02

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	106	70 - 130	CV	08/12/2025	14:30	LB136788
CRI01	Aluminum	105	100	105	65 - 135	P	08/14/2025	12:23	LB136837
	Antimony	52.8	50.0	106	65 - 135	P	08/14/2025	12:23	LB136837
	Arsenic	21.1	20.0	105	65 - 135	P	08/14/2025	12:23	LB136837
	Barium	96.4	100	96	65 - 135	P	08/14/2025	12:23	LB136837
	Beryllium	6.27	6.0	104	65 - 135	P	08/14/2025	12:23	LB136837
	Cadmium	5.92	6.0	99	65 - 135	P	08/14/2025	12:23	LB136837
	Calcium	2070	2000	104	65 - 135	P	08/14/2025	12:23	LB136837
	Chromium	10.4	10.0	104	65 - 135	P	08/14/2025	12:23	LB136837
	Cobalt	29.9	30.0	100	65 - 135	P	08/14/2025	12:23	LB136837
	Copper	21.4	20.0	107	65 - 135	P	08/14/2025	12:23	LB136837
	Iron	106	100	106	65 - 135	P	08/14/2025	12:23	LB136837
	Lead	12.4	12.0	103	65 - 135	P	08/14/2025	12:23	LB136837
	Magnesium	2180	2000	109	65 - 135	P	08/14/2025	12:23	LB136837
	Manganese	20.7	20.0	104	65 - 135	P	08/14/2025	12:23	LB136837
	Nickel	40.2	40.0	100	65 - 135	P	08/14/2025	12:23	LB136837
	Potassium	1930	2000	96	65 - 135	P	08/14/2025	12:23	LB136837
	Selenium	17.9	20.0	89	65 - 135	P	08/14/2025	12:23	LB136837
	Silver	11.0	10.0	110	65 - 135	P	08/14/2025	12:23	LB136837
	Sodium	1830	2000	92	65 - 135	P	08/14/2025	12:23	LB136837
	Thallium	41.3	40.0	103	65 - 135	P	08/14/2025	12:23	LB136837
	Vanadium	36.7	40.0	92	65 - 135	P	08/14/2025	12:23	LB136837
	Zinc	43.0	40.0	108	65 - 135	P	08/14/2025	12:23	LB136837
CRA	Mercury	0.19	0.2	94	70 - 130	CV	08/15/2025	12:16	LB136836
CRI01	Aluminum	98.0	100	98	65 - 135	P	08/20/2025	13:26	LB136898
	Antimony	50.6	50.0	101	65 - 135	P	08/20/2025	13:26	LB136898
	Arsenic	21.4	20.0	107	65 - 135	P	08/20/2025	13:26	LB136898
	Barium	98.2	100	98	65 - 135	P	08/20/2025	13:26	LB136898
	Beryllium	6.30	6.0	105	65 - 135	P	08/20/2025	13:26	LB136898
	Cadmium	5.72	6.0	95	65 - 135	P	08/20/2025	13:26	LB136898
	Calcium	2050	2000	103	65 - 135	P	08/20/2025	13:26	LB136898
	Chromium	9.89	10.0	99	65 - 135	P	08/20/2025	13:26	LB136898
	Cobalt	29.1	30.0	97	65 - 135	P	08/20/2025	13:26	LB136898
	Copper	20.9	20.0	104	65 - 135	P	08/20/2025	13:26	LB136898
	Iron	95.2	100	95	65 - 135	P	08/20/2025	13:26	LB136898

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CRI01	Lead	12.4	12.0	104	65 - 135	P	08/20/2025	13:26	LB136898
	Magnesium	2160	2000	108	65 - 135	P	08/20/2025	13:26	LB136898
	Manganese	21.9	20.0	109	65 - 135	P	08/20/2025	13:26	LB136898
	Nickel	39.4	40.0	98	65 - 135	P	08/20/2025	13:26	LB136898
	Potassium	1830	2000	92	65 - 135	P	08/20/2025	13:26	LB136898
	Selenium	21.8	20.0	109	65 - 135	P	08/20/2025	13:26	LB136898
	Silver	9.95	10.0	100	65 - 135	P	08/20/2025	13:26	LB136898
	Sodium	1910	2000	96	65 - 135	P	08/20/2025	13:26	LB136898
	Thallium	43.3	40.0	108	65 - 135	P	08/20/2025	13:26	LB136898
	Vanadium	42.6	40.0	107	65 - 135	P	08/20/2025	13:26	LB136898
	Zinc	41.5	40.0	104	65 - 135	P	08/20/2025	13:26	LB136898
CRI01	Aluminum	109	100	109	65 - 135	P	08/21/2025	14:41	LB136917
	Antimony	49.0	50.0	98	65 - 135	P	08/21/2025	14:41	LB136917
	Arsenic	20.9	20.0	105	65 - 135	P	08/21/2025	14:41	LB136917
	Barium	98.6	100	99	65 - 135	P	08/21/2025	14:41	LB136917
	Beryllium	6.07	6.0	101	65 - 135	P	08/21/2025	14:41	LB136917
	Cadmium	5.66	6.0	94	65 - 135	P	08/21/2025	14:41	LB136917
	Calcium	2050	2000	102	65 - 135	P	08/21/2025	14:41	LB136917
	Chromium	9.92	10.0	99	65 - 135	P	08/21/2025	14:41	LB136917
	Cobalt	29.2	30.0	98	65 - 135	P	08/21/2025	14:41	LB136917
	Copper	21.3	20.0	106	65 - 135	P	08/21/2025	14:41	LB136917
	Iron	101	100	101	65 - 135	P	08/21/2025	14:41	LB136917
	Lead	12.3	12.0	103	65 - 135	P	08/21/2025	14:41	LB136917
	Magnesium	2170	2000	109	65 - 135	P	08/21/2025	14:41	LB136917
	Manganese	21.4	20.0	107	65 - 135	P	08/21/2025	14:41	LB136917
	Nickel	39.2	40.0	98	65 - 135	P	08/21/2025	14:41	LB136917
	Potassium	1900	2000	95	65 - 135	P	08/21/2025	14:41	LB136917
	Selenium	19.8	20.0	99	65 - 135	P	08/21/2025	14:41	LB136917
	Silver	9.88	10.0	99	65 - 135	P	08/21/2025	14:41	LB136917
	Sodium	2030	2000	102	65 - 135	P	08/21/2025	14:41	LB136917
	Thallium	41.5	40.0	104	65 - 135	P	08/21/2025	14:41	LB136917
	Vanadium	40.6	40.0	102	65 - 135	P	08/21/2025	14:41	LB136917
	Zinc	41.0	40.0	102	65 - 135	P	08/21/2025	14:41	LB136917