

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3534

Contract: REMI02

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
CRI01	Aluminum	104	100	104	65 - 135	P	11/05/2025	11:49	LB137798
	Antimony	52.4	50.0	105	65 - 135	P	11/05/2025	11:49	LB137798
	Arsenic	19.1	20.0	96	65 - 135	P	11/05/2025	11:49	LB137798
	Barium	100	100	100	65 - 135	P	11/05/2025	11:49	LB137798
	Beryllium	6.41	6.0	107	65 - 135	P	11/05/2025	11:49	LB137798
	Cadmium	5.94	6.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Calcium	2100	2000	105	65 - 135	P	11/05/2025	11:49	LB137798
	Chromium	10.8	10.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Cobalt	29.9	30.0	100	65 - 135	P	11/05/2025	11:49	LB137798
	Copper	21.7	20.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Iron	108	100	108	65 - 135	P	11/05/2025	11:49	LB137798
	Lead	11.9	12.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Magnesium	2190	2000	110	65 - 135	P	11/05/2025	11:49	LB137798
	Manganese	22.2	20.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Nickel	40.3	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Potassium	1970	2000	99	65 - 135	P	11/05/2025	11:49	LB137798
	Selenium	19.8	20.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Silver	11.1	10.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Sodium	1860	2000	93	65 - 135	P	11/05/2025	11:49	LB137798
	Thallium	40.5	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Vanadium	36.1	40.0	90	65 - 135	P	11/05/2025	11:49	LB137798
	Zinc	43.6	40.0	109	65 - 135	P	11/05/2025	11:49	LB137798
CRA	Mercury	0.23	0.2	117	70 - 130	CV	11/06/2025	08:18	LB137791
CRI01	Aluminum	108	100	108	65 - 135	P	11/06/2025	13:29	LB137816
	Antimony	53.6	50.0	107	65 - 135	P	11/06/2025	13:29	LB137816
	Arsenic	22.8	20.0	114	65 - 135	P	11/06/2025	13:29	LB137816
	Barium	91.6	100	92	65 - 135	P	11/06/2025	13:29	LB137816
	Beryllium	6.49	6.0	108	65 - 135	P	11/06/2025	13:29	LB137816
	Cadmium	5.96	6.0	99	65 - 135	P	11/06/2025	13:29	LB137816
	Calcium	2110	2000	105	65 - 135	P	11/06/2025	13:29	LB137816
	Chromium	10.8	10.0	108	65 - 135	P	11/06/2025	13:29	LB137816
	Cobalt	30.0	30.0	100	65 - 135	P	11/06/2025	13:29	LB137816
	Copper	23.1	20.0	115	65 - 135	P	11/06/2025	13:29	LB137816
	Iron	78.8	100	79	65 - 135	P	11/06/2025	13:29	LB137816
	Lead	15.3	12.0	127	65 - 135	P	11/06/2025	13:29	LB137816

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Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2110	2000	106	65 - 135	P	11/06/2025	13:29	LB137816
	Manganese	20.6	20.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Nickel	40.6	40.0	102	65 - 135	P	11/06/2025	13:29	LB137816
	Potassium	1940	2000	97	65 - 135	P	11/06/2025	13:29	LB137816
	Selenium	20.5	20.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Silver	11.5	10.0	115	65 - 135	P	11/06/2025	13:29	LB137816
	Sodium	1750	2000	87	65 - 135	P	11/06/2025	13:29	LB137816
	Thallium	41.2	40.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Vanadium	32.4	40.0	81	65 - 135	P	11/06/2025	13:29	LB137816
	Zinc	42.3	40.0	106	65 - 135	P	11/06/2025	13:29	LB137816
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/06/2025	13:46	LB137799
CRI01	Aluminum	79.6	100	80	65 - 135	P	11/07/2025	13:46	LB137834
	Antimony	52.8	50.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Arsenic	20.6	20.0	103	65 - 135	P	11/07/2025	13:46	LB137834
	Barium	94.7	100	95	65 - 135	P	11/07/2025	13:46	LB137834
	Beryllium	6.33	6.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Cadmium	5.68	6.0	95	65 - 135	P	11/07/2025	13:46	LB137834
	Calcium	2060	2000	103	65 - 135	P	11/07/2025	13:46	LB137834
	Chromium	9.85	10.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Cobalt	29.4	30.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Copper	21.1	20.0	105	65 - 135	P	11/07/2025	13:46	LB137834
	Iron	104	100	104	65 - 135	P	11/07/2025	13:46	LB137834
	Lead	13.1	12.0	109	65 - 135	P	11/07/2025	13:46	LB137834
	Magnesium	2180	2000	109	65 - 135	P	11/07/2025	13:46	LB137834
	Manganese	21.7	20.0	108	65 - 135	P	11/07/2025	13:46	LB137834
	Nickel	40.3	40.0	101	65 - 135	P	11/07/2025	13:46	LB137834
	Potassium	1900	2000	95	65 - 135	P	11/07/2025	13:46	LB137834
	Selenium	15.8	20.0	79	65 - 135	P	11/07/2025	13:46	LB137834
	Silver	9.28	10.0	93	65 - 135	P	11/07/2025	13:46	LB137834
	Sodium	1960	2000	98	65 - 135	P	11/07/2025	13:46	LB137834
	Thallium	46.8	40.0	117	65 - 135	P	11/07/2025	13:46	LB137834
	Vanadium	42.8	40.0	107	65 - 135	P	11/07/2025	13:46	LB137834
	Zinc	41.1	40.0	103	65 - 135	P	11/07/2025	13:46	LB137834
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841

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Contract: REMI02

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
CRI01	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841