

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3495

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
CRA	Mercury	0.18	0.2	88	70 - 130	CV	10/31/2025	11:35	LB137725
CRA	Mercury	0.17	0.2	83	70 - 130	CV	11/03/2025	10:14	LB137738
CRI01	Aluminum	97.3	100	97	65 - 135	P	11/03/2025	12:35	LB137750
	Antimony	50.7	50.0	102	65 - 135	P	11/03/2025	12:35	LB137750
	Arsenic	20.9	20.0	105	65 - 135	P	11/03/2025	12:35	LB137750
	Barium	98.9	100	99	65 - 135	P	11/03/2025	12:35	LB137750
	Beryllium	6.58	6.0	110	65 - 135	P	11/03/2025	12:35	LB137750
	Cadmium	5.88	6.0	98	65 - 135	P	11/03/2025	12:35	LB137750
	Calcium	2080	2000	104	65 - 135	P	11/03/2025	12:35	LB137750
	Chromium	10.5	10.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Cobalt	29.9	30.0	100	65 - 135	P	11/03/2025	12:35	LB137750
	Copper	22.2	20.0	111	65 - 135	P	11/03/2025	12:35	LB137750
	Iron	104	100	104	65 - 135	P	11/03/2025	12:35	LB137750
	Lead	12.7	12.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Magnesium	2160	2000	108	65 - 135	P	11/03/2025	12:35	LB137750
	Manganese	21.7	20.0	108	65 - 135	P	11/03/2025	12:35	LB137750
	Nickel	40.3	40.0	101	65 - 135	P	11/03/2025	12:35	LB137750
	Potassium	1870	2000	93	65 - 135	P	11/03/2025	12:35	LB137750
	Selenium	17.2	20.0	86	65 - 135	P	11/03/2025	12:35	LB137750
	Silver	10.2	10.0	102	65 - 135	P	11/03/2025	12:35	LB137750
	Sodium	1820	2000	91	65 - 135	P	11/03/2025	12:35	LB137750
	Thallium	40.1	40.0	100	65 - 135	P	11/03/2025	12:35	LB137750
	Vanadium	39.2	40.0	98	65 - 135	P	11/03/2025	12:35	LB137750
	Zinc	42.3	40.0	106	65 - 135	P	11/03/2025	12:35	LB137750
CRI01	Aluminum	98.6	100	99	65 - 135	P	11/04/2025	12:24	LB137761
	Antimony	50.7	50.0	101	65 - 135	P	11/04/2025	12:24	LB137761
	Arsenic	19.3	20.0	96	65 - 135	P	11/04/2025	12:24	LB137761
	Barium	104	100	104	65 - 135	P	11/04/2025	12:24	LB137761
	Beryllium	6.55	6.0	109	65 - 135	P	11/04/2025	12:24	LB137761
	Cadmium	5.82	6.0	97	65 - 135	P	11/04/2025	12:24	LB137761
	Calcium	2120	2000	106	65 - 135	P	11/04/2025	12:24	LB137761
	Chromium	10.1	10.0	101	65 - 135	P	11/04/2025	12:24	LB137761
	Cobalt	30.1	30.0	100	65 - 135	P	11/04/2025	12:24	LB137761
	Copper	22.6	20.0	113	65 - 135	P	11/04/2025	12:24	LB137761
	Iron	103	100	103	65 - 135	P	11/04/2025	12:24	LB137761

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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	Lead	12.7	12.0	106	65 - 135	P	11/04/2025	12:24	LB137761
	Magnesium	2160	2000	108	65 - 135	P	11/04/2025	12:24	LB137761
	Manganese	21.5	20.0	107	65 - 135	P	11/04/2025	12:24	LB137761
	Nickel	40.9	40.0	102	65 - 135	P	11/04/2025	12:24	LB137761
	Potassium	1850	2000	93	65 - 135	P	11/04/2025	12:24	LB137761
	Selenium	18.0	20.0	90	65 - 135	P	11/04/2025	12:24	LB137761
	Silver	11.0	10.0	110	65 - 135	P	11/04/2025	12:24	LB137761
	Sodium	1840	2000	92	65 - 135	P	11/04/2025	12:24	LB137761
	Thallium	40.9	40.0	102	65 - 135	P	11/04/2025	12:24	LB137761
	Vanadium	45.5	40.0	114	65 - 135	P	11/04/2025	12:24	LB137761
	Zinc	42.9	40.0	107	65 - 135	P	11/04/2025	12:24	LB137761
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