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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3552

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	0.17	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
	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

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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	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
CRI01	Aluminum	110	100	110	65 - 135	P	11/11/2025	13:19	LB137858
	Antimony	50.9	50.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Arsenic	20.5	20.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Barium	102	100	102	65 - 135	P	11/11/2025	13:19	LB137858
	Beryllium	6.76	6.0	113	65 - 135	P	11/11/2025	13:19	LB137858
	Cadmium	6.04	6.0	101	65 - 135	P	11/11/2025	13:19	LB137858
	Calcium	2140	2000	107	65 - 135	P	11/11/2025	13:19	LB137858
	Chromium	11.1	10.0	111	65 - 135	P	11/11/2025	13:19	LB137858
	Cobalt	30.4	30.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Copper	21.9	20.0	109	65 - 135	P	11/11/2025	13:19	LB137858
	Iron	86.7	100	87	65 - 135	P	11/11/2025	13:19	LB137858
	Lead	11.5	12.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Magnesium	2190	2000	110	65 - 135	P	11/11/2025	13:19	LB137858
	Manganese	22.0	20.0	110	65 - 135	P	11/11/2025	13:19	LB137858
	Nickel	40.9	40.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Potassium	1650	2000	83	65 - 135	P	11/11/2025	13:19	LB137858
	Selenium	19.0	20.0	95	65 - 135	P	11/11/2025	13:19	LB137858
	Silver	10.2	10.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Sodium	1680	2000	84	65 - 135	P	11/11/2025	13:19	LB137858
	Thallium	41.6	40.0	104	65 - 135	P	11/11/2025	13:19	LB137858
	Vanadium	38.3	40.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Zinc	44.5	40.0	111	65 - 135	P	11/11/2025	13:19	LB137858