

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick

SDG No.: Q3743

Contract: REMI01

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
ICV137	Mercury	4.20	4.0	105	90 - 110	CV	12/04/2025	09:45	LB138109

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV59	Mercury	5.14	5.0	103	90 - 110	CV	12/04/2025	09:51	LB138109
CCV60	Mercury	5.16	5.0	103	90 - 110	CV	12/04/2025	10:19	LB138109
CCV61	Mercury	5.09	5.0	102	90 - 110	CV	12/04/2025	10:51	LB138109
CCV62	Mercury	4.99	5.0	100	90 - 110	CV	12/04/2025	11:10	LB138109
CCV63	Mercury	5.39	5.0	108	90 - 110	CV	12/04/2025	12:19	LB138109

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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	1490	1600	93	90 - 110	P	12/03/2025	10:59	LB138105
	Antimony	422	400	105	90 - 110	P	12/03/2025	10:59	LB138105
	Arsenic	407	400	102	90 - 110	P	12/03/2025	10:59	LB138105
	Barium	1610	1600	101	90 - 110	P	12/03/2025	10:59	LB138105
	Beryllium	42.1	40.0	105	90 - 110	P	12/03/2025	10:59	LB138105
	Cadmium	209	200	104	90 - 110	P	12/03/2025	10:59	LB138105
	Calcium	4040	4000	101	90 - 110	P	12/03/2025	10:59	LB138105
	Chromium	164	160	102	90 - 110	P	12/03/2025	10:59	LB138105
	Cobalt	413	400	103	90 - 110	P	12/03/2025	10:59	LB138105
	Copper	186	200	93	90 - 110	P	12/03/2025	10:59	LB138105
	Iron	849	800	106	90 - 110	P	12/03/2025	10:59	LB138105
	Lead	391	400	98	90 - 110	P	12/03/2025	10:59	LB138105
	Magnesium	3740	4000	94	90 - 110	P	12/03/2025	10:59	LB138105
	Manganese	393	400	98	90 - 110	P	12/03/2025	10:59	LB138105
	Nickel	408	400	102	90 - 110	P	12/03/2025	10:59	LB138105
	Potassium	4060	4000	102	90 - 110	P	12/03/2025	10:59	LB138105
	Selenium	439	400	110	90 - 110	P	12/03/2025	10:59	LB138105
	Silver	187	200	94	90 - 110	P	12/03/2025	10:59	LB138105
	Sodium	3960	4000	99	90 - 110	P	12/03/2025	10:59	LB138105
	Thallium	381	400	95	90 - 110	P	12/03/2025	10:59	LB138105
	Vanadium	402	400	100	90 - 110	P	12/03/2025	10:59	LB138105
	Zinc	389	400	97	90 - 110	P	12/03/2025	10:59	LB138105

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LLICV01	Aluminum	21.5	20.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Antimony	2.07	2.0	104	80 - 120	P	12/03/2025	11:10	LB138105
	Arsenic	1.19	1.0	119	80 - 120	P	12/03/2025	11:10	LB138105
	Barium	9.74	10.0	97	80 - 120	P	12/03/2025	11:10	LB138105
	Beryllium	1.08	1.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Cadmium	0.80	1.0	80	80 - 120	P	12/03/2025	11:10	LB138105
	Calcium	496	500	99	80 - 120	P	12/03/2025	11:10	LB138105
	Chromium	1.97	2.0	98	80 - 120	P	12/03/2025	11:10	LB138105
	Cobalt	1.08	1.0	108	80 - 120	P	12/03/2025	11:10	LB138105
	Copper	1.97	2.0	98	80 - 120	P	12/03/2025	11:10	LB138105
	Iron	56.0	50.0	112	80 - 120	P	12/03/2025	11:10	LB138105
	Lead	0.88	1.0	88	80 - 120	P	12/03/2025	11:10	LB138105
	Magnesium	479	500	96	80 - 120	P	12/03/2025	11:10	LB138105
	Manganese	1.16	1.0	116	80 - 120	P	12/03/2025	11:10	LB138105
	Nickel	0.93	1.0	93	80 - 120	P	12/03/2025	11:10	LB138105
	Potassium	490	500	98	80 - 120	P	12/03/2025	11:10	LB138105
	Selenium	5.63	5.0	113	80 - 120	P	12/03/2025	11:10	LB138105
	Silver	1.11	1.0	111	80 - 120	P	12/03/2025	11:10	LB138105
	Sodium	484	500	97	80 - 120	P	12/03/2025	11:10	LB138105
	Thallium	1.00	1.0	100	80 - 120	P	12/03/2025	11:10	LB138105
	Vanadium	5.04	5.0	101	80 - 120	P	12/03/2025	11:10	LB138105
	Zinc	5.55	5.0	111	80 - 120	P	12/03/2025	11:10	LB138105

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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	50300	50000	101	90 - 110	P	12/03/2025	11:24	LB138105
	Antimony	525	500	105	90 - 110	P	12/03/2025	11:24	LB138105
	Arsenic	513	500	103	90 - 110	P	12/03/2025	11:24	LB138105
	Barium	2660	2500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Beryllium	507	500	101	90 - 110	P	12/03/2025	11:24	LB138105
	Cadmium	509	500	102	90 - 110	P	12/03/2025	11:24	LB138105
	Calcium	254000	250000	101	90 - 110	P	12/03/2025	11:24	LB138105
	Chromium	530	500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Cobalt	524	500	105	90 - 110	P	12/03/2025	11:24	LB138105
	Copper	5090	5000	102	90 - 110	P	12/03/2025	11:24	LB138105
	Iron	129000	125000	104	90 - 110	P	12/03/2025	11:24	LB138105
	Lead	2650	2500	106	90 - 110	P	12/03/2025	11:24	LB138105
	Magnesium	251000	250000	100	90 - 110	P	12/03/2025	11:24	LB138105
	Manganese	5160	5000	103	90 - 110	P	12/03/2025	11:24	LB138105
	Nickel	507	500	101	90 - 110	P	12/03/2025	11:24	LB138105
	Potassium	123000	125000	99	90 - 110	P	12/03/2025	11:24	LB138105
	Selenium	491	500	98	90 - 110	P	12/03/2025	11:24	LB138105
	Silver	511	500	102	90 - 110	P	12/03/2025	11:24	LB138105
	Sodium	256000	250000	102	90 - 110	P	12/03/2025	11:24	LB138105
	Thallium	542	500	108	90 - 110	P	12/03/2025	11:24	LB138105
	Vanadium	522	500	104	90 - 110	P	12/03/2025	11:24	LB138105
	Zinc	5010	5000	100	90 - 110	P	12/03/2025	11:24	LB138105
CCV02	Aluminum	50400	50000	101	90 - 110	P	12/03/2025	12:20	LB138105
	Antimony	522	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Arsenic	513	500	103	90 - 110	P	12/03/2025	12:20	LB138105
	Barium	2610	2500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Beryllium	497	500	100	90 - 110	P	12/03/2025	12:20	LB138105
	Cadmium	505	500	101	90 - 110	P	12/03/2025	12:20	LB138105
	Calcium	250000	250000	100	90 - 110	P	12/03/2025	12:20	LB138105
	Chromium	529	500	106	90 - 110	P	12/03/2025	12:20	LB138105
	Cobalt	523	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Copper	5080	5000	102	90 - 110	P	12/03/2025	12:20	LB138105
	Iron	130000	125000	104	90 - 110	P	12/03/2025	12:20	LB138105
	Lead	2630	2500	105	90 - 110	P	12/03/2025	12:20	LB138105

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CCV02	Magnesium	253000	250000	101	90 - 110	P	12/03/2025	12:20	LB138105
	Manganese	5190	5000	104	90 - 110	P	12/03/2025	12:20	LB138105
	Nickel	510	500	102	90 - 110	P	12/03/2025	12:20	LB138105
	Potassium	124000	125000	99	90 - 110	P	12/03/2025	12:20	LB138105
	Selenium	479	500	96	90 - 110	P	12/03/2025	12:20	LB138105
	Silver	512	500	102	90 - 110	P	12/03/2025	12:20	LB138105
	Sodium	258000	250000	103	90 - 110	P	12/03/2025	12:20	LB138105
	Thallium	545	500	109	90 - 110	P	12/03/2025	12:20	LB138105
	Vanadium	521	500	104	90 - 110	P	12/03/2025	12:20	LB138105
	Zinc	4970	5000	99	90 - 110	P	12/03/2025	12:20	LB138105
CCV03	Aluminum	48800	50000	98	90 - 110	P	12/03/2025	13:00	LB138105
	Antimony	517	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Arsenic	511	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Barium	2560	2500	103	90 - 110	P	12/03/2025	13:00	LB138105
	Beryllium	511	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Cadmium	502	500	100	90 - 110	P	12/03/2025	13:00	LB138105
	Calcium	251000	250000	100	90 - 110	P	12/03/2025	13:00	LB138105
	Chromium	527	500	105	90 - 110	P	12/03/2025	13:00	LB138105
	Cobalt	520	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Copper	5130	5000	103	90 - 110	P	12/03/2025	13:00	LB138105
	Iron	130000	125000	104	90 - 110	P	12/03/2025	13:00	LB138105
	Lead	2570	2500	103	90 - 110	P	12/03/2025	13:00	LB138105
	Magnesium	243000	250000	97	90 - 110	P	12/03/2025	13:00	LB138105
	Manganese	5200	5000	104	90 - 110	P	12/03/2025	13:00	LB138105
	Nickel	508	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Potassium	123000	125000	99	90 - 110	P	12/03/2025	13:00	LB138105
	Selenium	500	500	100	90 - 110	P	12/03/2025	13:00	LB138105
	Silver	509	500	102	90 - 110	P	12/03/2025	13:00	LB138105
	Sodium	250000	250000	100	90 - 110	P	12/03/2025	13:00	LB138105
	Thallium	530	500	106	90 - 110	P	12/03/2025	13:00	LB138105
	Vanadium	518	500	104	90 - 110	P	12/03/2025	13:00	LB138105
	Zinc	4980	5000	100	90 - 110	P	12/03/2025	13:00	LB138105