

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3534</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	243000	255000	95	216000	294000	11/05/2025	11:53	LB137798
	Antimony	-3.49			-50	50	11/05/2025	11:53	LB137798
	Arsenic	3.73			-20	20	11/05/2025	11:53	LB137798
	Barium	0.94	6.0	16	-94	106	11/05/2025	11:53	LB137798
	Beryllium	1.70			-6	6	11/05/2025	11:53	LB137798
	Cadmium	0.70	1.0	70	-5	7	11/05/2025	11:53	LB137798
	Calcium	233000	245000	95	208000	282000	11/05/2025	11:53	LB137798
	Chromium	49.3	52.0	95	42	62	11/05/2025	11:53	LB137798
	Cobalt	1.87			-30	30	11/05/2025	11:53	LB137798
	Copper	-4.96	2.0	248	-18	22	11/05/2025	11:53	LB137798
	Iron	96900	101000	96	85600	116500	11/05/2025	11:53	LB137798
	Lead	4.69			-12	12	11/05/2025	11:53	LB137798
	Magnesium	246000	255000	96	216000	294000	11/05/2025	11:53	LB137798
	Manganese	6.89	7.0	98	-13	27	11/05/2025	11:53	LB137798
	Nickel	5.45	2.0	272	-38	42	11/05/2025	11:53	LB137798
	Potassium	71.8			0	0	11/05/2025	11:53	LB137798
	Selenium	4.65			-20	20	11/05/2025	11:53	LB137798
	Silver	2.41			-10	10	11/05/2025	11:53	LB137798
	Sodium	65.4			0	0	11/05/2025	11:53	LB137798
	Thallium	20.2			-40	40	11/05/2025	11:53	LB137798
	Vanadium	3.64			-40	40	11/05/2025	11:53	LB137798
	Zinc	3.74			-40	40	11/05/2025	11:53	LB137798
ICSAB01	Aluminum	244000	247000	99	209000	285000	11/05/2025	12:11	LB137798
	Antimony	583	618	94	525	711	11/05/2025	12:11	LB137798
	Arsenic	99.7	104	96	88.4	120	11/05/2025	12:11	LB137798
	Barium	478	537	89	437	637	11/05/2025	12:11	LB137798
	Beryllium	499	495	101	420	570	11/05/2025	12:11	LB137798
	Cadmium	963	972	99	826	1120	11/05/2025	12:11	LB137798
	Calcium	232000	235000	99	199000	271000	11/05/2025	12:11	LB137798
	Chromium	542	542	100	460	624	11/05/2025	12:11	LB137798
	Cobalt	489	476	103	404	548	11/05/2025	12:11	LB137798
	Copper	458	511	90	434	588	11/05/2025	12:11	LB137798
	Iron	96700	99300	97	84400	114500	11/05/2025	12:11	LB137798
	Lead	48.3	49.0	99	37	61	11/05/2025	12:11	LB137798
	Magnesium	246000	248000	99	210000	286000	11/05/2025	12:11	LB137798
	Manganese	481	507	95	430	584	11/05/2025	12:11	LB137798
	Nickel	973	954	102	810	1100	11/05/2025	12:11	LB137798
	Potassium	-43.1			0	0	11/05/2025	12:11	LB137798
	Selenium	56.1	46.0	122	26	66	11/05/2025	12:11	LB137798
	Silver	203	201	101	170	232	11/05/2025	12:11	LB137798
	Sodium	76.3			0	0	11/05/2025	12:11	LB137798
	Thallium	134	108	124	68	148	11/05/2025	12:11	LB137798

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Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3534</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	471	491	96	417	565	11/05/2025	12:11	LB137798
	Zinc	1010	952	106	809	1095	11/05/2025	12:11	LB137798
ICSA01	Aluminum	267000	255000	105	216000	294000	11/06/2025	13:33	LB137816
	Antimony	-1.19			-50	50	11/06/2025	13:33	LB137816
	Arsenic	12.2			-20	20	11/06/2025	13:33	LB137816
	Barium	0.61	6.0	10	-94	106	11/06/2025	13:33	LB137816
	Beryllium	2.25			-6	6	11/06/2025	13:33	LB137816
	Cadmium	-1.29	1.0	129	-5	7	11/06/2025	13:33	LB137816
	Calcium	256000	245000	104	208000	282000	11/06/2025	13:33	LB137816
	Chromium	55.9	52.0	108	42	62	11/06/2025	13:33	LB137816
	Cobalt	1.84			-30	30	11/06/2025	13:33	LB137816
	Copper	-0.73	2.0	36	-18	22	11/06/2025	13:33	LB137816
	Iron	110000	101000	109	85600	116500	11/06/2025	13:33	LB137816
	Lead	1.52			-12	12	11/06/2025	13:33	LB137816
	Magnesium	269000	255000	106	216000	294000	11/06/2025	13:33	LB137816
	Manganese	4.93	7.0	70	-13	27	11/06/2025	13:33	LB137816
	Nickel	6.46	2.0	323	-38	42	11/06/2025	13:33	LB137816
	Potassium	-247			0	0	11/06/2025	13:33	LB137816
	Selenium	-4.56			-20	20	11/06/2025	13:33	LB137816
	Silver	4.38			-10	10	11/06/2025	13:33	LB137816
	Sodium	-28.8			0	0	11/06/2025	13:33	LB137816
	Thallium	6.03			-40	40	11/06/2025	13:33	LB137816
	Vanadium	-9.20			-40	40	11/06/2025	13:33	LB137816
	Zinc	3.22			-40	40	11/06/2025	13:33	LB137816
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/06/2025	13:37	LB137816
	Antimony	592	618	96	525	711	11/06/2025	13:37	LB137816
	Arsenic	102	104	98	88.4	120	11/06/2025	13:37	LB137816
	Barium	498	537	93	437	637	11/06/2025	13:37	LB137816
	Beryllium	512	495	103	420	570	11/06/2025	13:37	LB137816
	Cadmium	969	972	100	826	1120	11/06/2025	13:37	LB137816
	Calcium	240000	235000	102	199000	271000	11/06/2025	13:37	LB137816
	Chromium	552	542	102	460	624	11/06/2025	13:37	LB137816
	Cobalt	496	476	104	404	548	11/06/2025	13:37	LB137816
	Copper	477	511	93	434	588	11/06/2025	13:37	LB137816
	Iron	98500	99300	99	84400	114500	11/06/2025	13:37	LB137816
	Lead	52.1	49.0	106	37	61	11/06/2025	13:37	LB137816
	Magnesium	252000	248000	102	210000	286000	11/06/2025	13:37	LB137816
	Manganese	508	507	100	430	584	11/06/2025	13:37	LB137816
	Nickel	990	954	104	810	1100	11/06/2025	13:37	LB137816
	Potassium	-165			0	0	11/06/2025	13:37	LB137816
	Selenium	47.2	46.0	103	26	66	11/06/2025	13:37	LB137816
	Silver	200	201	100	170	232	11/06/2025	13:37	LB137816

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Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3534</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-201			0	0	11/06/2025	13:37	LB137816
	Thallium	119	108	110	68	148	11/06/2025	13:37	LB137816
	Vanadium	500	491	102	417	565	11/06/2025	13:37	LB137816
	Zinc	996	952	105	809	1095	11/06/2025	13:37	LB137816
ICSA01	Aluminum	272000	255000	107	216000	294000	11/07/2025	13:51	LB137834
	Antimony	-7.06			-50	50	11/07/2025	13:51	LB137834
	Arsenic	10.6			-20	20	11/07/2025	13:51	LB137834
	Barium	3.92	6.0	65	-94	106	11/07/2025	13:51	LB137834
	Beryllium	2.34			-6	6	11/07/2025	13:51	LB137834
	Cadmium	-1.59	1.0	159	-5	7	11/07/2025	13:51	LB137834
	Calcium	259000	245000	106	208000	282000	11/07/2025	13:51	LB137834
	Chromium	53.0	52.0	102	42	62	11/07/2025	13:51	LB137834
	Cobalt	1.92			-30	30	11/07/2025	13:51	LB137834
	Copper	6.42	2.0	321	-18	22	11/07/2025	13:51	LB137834
	Iron	106000	101000	105	85600	116500	11/07/2025	13:51	LB137834
	Lead	0.42			-12	12	11/07/2025	13:51	LB137834
	Magnesium	269000	255000	106	216000	294000	11/07/2025	13:51	LB137834
	Manganese	7.23	7.0	103	-13	27	11/07/2025	13:51	LB137834
	Nickel	5.96	2.0	298	-38	42	11/07/2025	13:51	LB137834
	Potassium	448			0	0	11/07/2025	13:51	LB137834
	Selenium	-9.77			-20	20	11/07/2025	13:51	LB137834
	Silver	3.11			-10	10	11/07/2025	13:51	LB137834
	Sodium	340			0	0	11/07/2025	13:51	LB137834
	Thallium	16.7			-40	40	11/07/2025	13:51	LB137834
	Vanadium	12.3			-40	40	11/07/2025	13:51	LB137834
	Zinc	2.47			-40	40	11/07/2025	13:51	LB137834
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/07/2025	13:55	LB137834
	Antimony	613	618	99	525	711	11/07/2025	13:55	LB137834
	Arsenic	105	104	101	88.4	120	11/07/2025	13:55	LB137834
	Barium	495	537	92	437	637	11/07/2025	13:55	LB137834
	Beryllium	516	495	104	420	570	11/07/2025	13:55	LB137834
	Cadmium	1010	972	104	826	1120	11/07/2025	13:55	LB137834
	Calcium	240000	235000	102	199000	271000	11/07/2025	13:55	LB137834
	Chromium	576	542	106	460	624	11/07/2025	13:55	LB137834
	Cobalt	505	476	106	404	548	11/07/2025	13:55	LB137834
	Copper	498	511	98	434	588	11/07/2025	13:55	LB137834
	Iron	102000	99300	103	84400	114500	11/07/2025	13:55	LB137834
	Lead	48.9	49.0	100	37	61	11/07/2025	13:55	LB137834
	Magnesium	250000	248000	101	210000	286000	11/07/2025	13:55	LB137834
	Manganese	506	507	100	430	584	11/07/2025	13:55	LB137834
	Nickel	1010	954	106	810	1100	11/07/2025	13:55	LB137834
	Potassium	-184			0	0	11/07/2025	13:55	LB137834

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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3534</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	40.4	46.0	88	26	66	11/07/2025	13:55	LB137834
	Silver	205	201	102	170	232	11/07/2025	13:55	LB137834
	Sodium	-311			0	0	11/07/2025	13:55	LB137834
	Thallium	118	108	109	68	148	11/07/2025	13:55	LB137834
	Vanadium	502	491	102	417	565	11/07/2025	13:55	LB137834
	Zinc	1040	952	109	809	1095	11/07/2025	13:55	LB137834
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841

Metals

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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers

SDG No.: Q3534

Contract: REMI02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841
	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841