

Metals
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INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3016

Contract: ALLI03

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
ICSA01	Aluminum	260000	255000	102	216000	294000	09/26/2025	13:04	LB137342
	Antimony	-2.91			-50	50	09/26/2025	13:04	LB137342
	Arsenic	3.14			-20	20	09/26/2025	13:04	LB137342
	Barium	3.49	6.0	58	-94	106	09/26/2025	13:04	LB137342
	Beryllium	1.67			-6	6	09/26/2025	13:04	LB137342
	Boron	72.7	1000	7	-100	100	09/26/2025	13:04	LB137342
	Cadmium	-1.23	1.0	123	-5	7	09/26/2025	13:04	LB137342
	Calcium	241000	245000	98	208000	282000	09/26/2025	13:04	LB137342
	Chromium	45.7	52.0	88	42	62	09/26/2025	13:04	LB137342
	Cobalt	1.48			-30	30	09/26/2025	13:04	LB137342
	Copper	9.02	2.0	451	-18	22	09/26/2025	13:04	LB137342
	Iron	102000	101000	101	85600	116500	09/26/2025	13:04	LB137342
	Lead	-0.70			-12	12	09/26/2025	13:04	LB137342
	Magnesium	258000	255000	101	216000	294000	09/26/2025	13:04	LB137342
	Manganese	6.38	7.0	91	-13	27	09/26/2025	13:04	LB137342
	Molybdenum	0.17	1000		-200	200	09/26/2025	13:04	LB137342
	Nickel	3.29	2.0	164	-38	42	09/26/2025	13:04	LB137342
	Potassium	43.8			0	0	09/26/2025	13:04	LB137342
	Selenium	7.79			-20	20	09/26/2025	13:04	LB137342
	Silver	-1.79			-10	10	09/26/2025	13:04	LB137342
	Sodium	76.3			0	0	09/26/2025	13:04	LB137342
	Thallium	5.89			-40	40	09/26/2025	13:04	LB137342
	Tin	-4.75	1000		-40	40	09/26/2025	13:04	LB137342
	Titanium	-4.04			0	0	09/26/2025	13:04	LB137342
	Vanadium	0.41			-40	40	09/26/2025	13:04	LB137342
	Zinc	2.43			-40	40	09/26/2025	13:04	LB137342
ICSAB01	Aluminum	249000	247000	101	209000	285000	09/26/2025	13:08	LB137342
	Antimony	609	618	98	525	711	09/26/2025	13:08	LB137342
	Arsenic	108	104	104	88.4	120	09/26/2025	13:08	LB137342
	Barium	495	537	92	437	637	09/26/2025	13:08	LB137342
	Beryllium	504	495	102	420	570	09/26/2025	13:08	LB137342
	Boron	981	1000	98	850	1150	09/26/2025	13:08	LB137342
	Cadmium	983	972	101	826	1120	09/26/2025	13:08	LB137342
	Calcium	236000	235000	100	199000	271000	09/26/2025	13:08	LB137342
	Chromium	544	542	100	460	624	09/26/2025	13:08	LB137342
	Cobalt	494	476	104	404	548	09/26/2025	13:08	LB137342
	Copper	500	511	98	434	588	09/26/2025	13:08	LB137342
	Iron	98300	99300	99	84400	114500	09/26/2025	13:08	LB137342
	Lead	43.2	49.0	88	37	61	09/26/2025	13:08	LB137342
	Magnesium	250000	248000	101	210000	286000	09/26/2025	13:08	LB137342
	Manganese	493	507	97	430	584	09/26/2025	13:08	LB137342
	Molybdenum	960	1000	96	850	1150	09/26/2025	13:08	LB137342

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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	981	954	103	810	1100	09/26/2025	13:08	LB137342
	Potassium	-20.4			0	0	09/26/2025	13:08	LB137342
	Selenium	60.5	46.0	132	26	66	09/26/2025	13:08	LB137342
	Silver	209	201	104	170	232	09/26/2025	13:08	LB137342
	Sodium	69.1			0	0	09/26/2025	13:08	LB137342
	Thallium	113	108	105	68	148	09/26/2025	13:08	LB137342
	Tin	935	1000	94	850	1150	09/26/2025	13:08	LB137342
	Titanium	935			0	0	09/26/2025	13:08	LB137342
	Vanadium	483	491	98	417	565	09/26/2025	13:08	LB137342
	Zinc	1040	952	109	809	1095	09/26/2025	13:08	LB137342
ICSA	Aluminum	251000	255000	98	216000	294000	09/26/2025	13:32	LB137342
	Antimony	27.8			-50	50	09/26/2025	13:32	LB137342
	Arsenic	-22.7			-20	20	09/26/2025	13:32	LB137342
	Barium	5.49	6.0	92	-94	106	09/26/2025	13:32	LB137342
	Beryllium	2.23			-6	6	09/26/2025	13:32	LB137342
	Boron	4.59	1000		-100	100	09/26/2025	13:32	LB137342
	Cadmium	-1.10	1.0	110	-5	7	09/26/2025	13:32	LB137342
	Calcium	247000	245000	101	208000	282000	09/26/2025	13:32	LB137342
	Chromium	38.0	52.0	73	42	62	09/26/2025	13:32	LB137342
	Cobalt	0.39			-30	30	09/26/2025	13:32	LB137342
	Copper	24.0	2.0	1200	-18	22	09/26/2025	13:32	LB137342
	Iron	99400	101000	98	85600	116500	09/26/2025	13:32	LB137342
	Lead	3.40			-12	12	09/26/2025	13:32	LB137342
	Magnesium	258000	255000	101	216000	294000	09/26/2025	13:32	LB137342
	Manganese	-3.28	7.0	47	-13	27	09/26/2025	13:32	LB137342
	Molybdenum	-2.38	1000		-200	200	09/26/2025	13:32	LB137342
	Nickel	9.35	2.0	468	-38	42	09/26/2025	13:32	LB137342
	Potassium	-852			0	0	09/26/2025	13:32	LB137342
	Selenium	75.5			-20	20	09/26/2025	13:32	LB137342
	Silver	-12.6			-10	10	09/26/2025	13:32	LB137342
	Sodium	-206			0	0	09/26/2025	13:32	LB137342
	Thallium	8.66			-40	40	09/26/2025	13:32	LB137342
	Tin	-56.3	1000	6	-40	40	09/26/2025	13:32	LB137342
	Titanium	16.3			0	0	09/26/2025	13:32	LB137342
	Vanadium	-31.9			-40	40	09/26/2025	13:32	LB137342
	Zinc	9.94			-40	40	09/26/2025	13:32	LB137342
ICSAB	Aluminum	247000	247000	100	209000	285000	09/26/2025	13:36	LB137342
	Antimony	606	618	98	525	711	09/26/2025	13:36	LB137342
	Arsenic	117	104	112	88.4	120	09/26/2025	13:36	LB137342
	Barium	466	537	87	437	637	09/26/2025	13:36	LB137342
	Beryllium	515	495	104	420	570	09/26/2025	13:36	LB137342
	Boron	929	1000	93	850	1150	09/26/2025	13:36	LB137342

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ICSAB	Cadmium	943	972	97	826	1120	09/26/2025	13:36	LB137342
	Calcium	243000	235000	103	199000	271000	09/26/2025	13:36	LB137342
	Chromium	538	542	99	460	624	09/26/2025	13:36	LB137342
	Cobalt	467	476	98	404	548	09/26/2025	13:36	LB137342
	Copper	512	511	100	434	588	09/26/2025	13:36	LB137342
	Iron	93400	99300	94	84400	114500	09/26/2025	13:36	LB137342
	Lead	65.1	49.0	133	37	61	09/26/2025	13:36	LB137342
	Magnesium	253000	248000	102	210000	286000	09/26/2025	13:36	LB137342
	Manganese	506	507	100	430	584	09/26/2025	13:36	LB137342
	Molybdenum	957	1000	96	850	1150	09/26/2025	13:36	LB137342
	Nickel	941	954	99	810	1100	09/26/2025	13:36	LB137342
	Potassium	-495			0	0	09/26/2025	13:36	LB137342
	Selenium	74.8	46.0	163	26	66	09/26/2025	13:36	LB137342
	Silver	195	201	97	170	232	09/26/2025	13:36	LB137342
	Sodium	20.7			0	0	09/26/2025	13:36	LB137342
	Thallium	115	108	106	68	148	09/26/2025	13:36	LB137342
	Tin	847	1000	85	850	1150	09/26/2025	13:36	LB137342
	Titanium	970			0	0	09/26/2025	13:36	LB137342
	Vanadium	463	491	94	417	565	09/26/2025	13:36	LB137342
	Zinc	1030	952	108	809	1095	09/26/2025	13:36	LB137342