

Metals
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INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1872
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1872 **SAS No.:** Q1872
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	265000	255000	104	216000	294000	05/30/2025	15:34	LB135969
	Antimony	-10.5			-50	50	05/30/2025	15:34	LB135969
	Arsenic	7.93			-20	20	05/30/2025	15:34	LB135969
	Barium	5.59	6.0	93	-94	106	05/30/2025	15:34	LB135969
	Beryllium	1.08			-6	6	05/30/2025	15:34	LB135969
	Boron	11.9	1000	1	-100	100	05/30/2025	15:34	LB135969
	Cadmium	0.96	1.0	96	-5	7	05/30/2025	15:34	LB135969
	Calcium	250000	245000	102	208000	282000	05/30/2025	15:34	LB135969
	Chromium	50.5	52.0	97	42	62	05/30/2025	15:34	LB135969
	Cobalt	2.14			-30	30	05/30/2025	15:34	LB135969
	Copper	11.1	2.0	555	-18	22	05/30/2025	15:34	LB135969
	Iron	106000	101000	105	85600	116500	05/30/2025	15:34	LB135969
	Lead	-3.47			-12	12	05/30/2025	15:34	LB135969
	Magnesium	273000	255000	107	216000	294000	05/30/2025	15:34	LB135969
	Manganese	10.4	7.0	148	-13	27	05/30/2025	15:34	LB135969
	Molybdenum	0.57	1000		-200	200	05/30/2025	15:34	LB135969
	Nickel	2.67	2.0	134	-38	42	05/30/2025	15:34	LB135969
	Potassium	82.2			0	0	05/30/2025	15:34	LB135969
	Selenium	1.16			-20	20	05/30/2025	15:34	LB135969
	Silver	-0.97			-10	10	05/30/2025	15:34	LB135969
	Sodium	15.7			0	0	05/30/2025	15:34	LB135969
	Strontium	0.71			0	0	05/30/2025	15:34	LB135969
	Lithium	13.9	1000	1	-20	20	05/30/2025	15:34	LB135969
	Thallium	-1.62			-40	40	05/30/2025	15:34	LB135969
	Tin	-2.31	1000		-40	40	05/30/2025	15:34	LB135969
	Titanium	-0.43			0	0	05/30/2025	15:34	LB135969
	Vanadium	2.32			-40	40	05/30/2025	15:34	LB135969
	Zinc	-8.28			-40	40	05/30/2025	15:34	LB135969
ICSAB01	Aluminum	249000	247000	101	209000	285000	05/30/2025	15:49	LB135969
	Antimony	649	618	105	525	711	05/30/2025	15:49	LB135969
	Arsenic	115	104	111	88.4	120	05/30/2025	15:49	LB135969
	Barium	495	537	92	437	637	05/30/2025	15:49	LB135969
	Beryllium	545	495	110	420	570	05/30/2025	15:49	LB135969
	Boron	959	1000	96	850	1150	05/30/2025	15:49	LB135969
	Cadmium	1050	972	108	826	1120	05/30/2025	15:49	LB135969
	Calcium	231000	235000	98	199000	271000	05/30/2025	15:49	LB135969
	Chromium	586	542	108	460	624	05/30/2025	15:49	LB135969
	Cobalt	530	476	111	404	548	05/30/2025	15:49	LB135969
	Copper	539	511	106	434	588	05/30/2025	15:49	LB135969
	Iron	96800	99300	98	84400	114500	05/30/2025	15:49	LB135969
	Lead	49.0	49.0	100	37	61	05/30/2025	15:49	LB135969
	Magnesium	254000	248000	102	210000	286000	05/30/2025	15:49	LB135969

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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	Manganese	504	507	99	430	584	05/30/2025	15:49	LB135969
	Molybdenum	1020	1000	102	850	1150	05/30/2025	15:49	LB135969
	Nickel	1050	954	110	810	1100	05/30/2025	15:49	LB135969
	Potassium	50.6			0	0	05/30/2025	15:49	LB135969
	Selenium	53.5	46.0	116	26	66	05/30/2025	15:49	LB135969
	Silver	223	201	111	170	232	05/30/2025	15:49	LB135969
	Sodium	-16.6			0	0	05/30/2025	15:49	LB135969
	Strontium	915			0	0	05/30/2025	15:49	LB135969
	Lithium	858	1000	86	850	1150	05/30/2025	15:49	LB135969
	Thallium	86.2	108	80	68	148	05/30/2025	15:49	LB135969
	Tin	1000	1000	100	850	1150	05/30/2025	15:49	LB135969
	Titanium	941			0	0	05/30/2025	15:49	LB135969
	Vanadium	498	491	101	417	565	05/30/2025	15:49	LB135969
	Zinc	1080	952	113	809	1095	05/30/2025	15:49	LB135969