

Metals
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INTERFERENCE CHECK SAMPLE

Client: APTIM **SDG No.:** Q1543
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1543 **SAS No.:** Q1543
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	252000	255000	99	216000	294000	03/17/2025	14:51	LB135063
	Antimony	-2.92			-50	50	03/17/2025	14:51	LB135063
	Arsenic	4.68			-20	20	03/17/2025	14:51	LB135063
	Barium	3.10	6.0	52	-94	106	03/17/2025	14:51	LB135063
	Beryllium	1.30			-6	6	03/17/2025	14:51	LB135063
	Cadmium	-4.02	1.0	402	-5	7	03/17/2025	14:51	LB135063
	Calcium	237000	245000	97	208000	282000	03/17/2025	14:51	LB135063
	Chromium	60.2	52.0	116	42	62	03/17/2025	14:51	LB135063
	Cobalt	1.67			-30	30	03/17/2025	14:51	LB135063
	Copper	17.5	2.0	875	-18	22	03/17/2025	14:51	LB135063
	Iron	101000	101000	100	85600	116500	03/17/2025	14:51	LB135063
	Lead	7.22			-12	12	03/17/2025	14:51	LB135063
	Magnesium	256000	255000	100	216000	294000	03/17/2025	14:51	LB135063
	Manganese	10.7	7.0	152	-13	27	03/17/2025	14:51	LB135063
	Nickel	2.20	2.0	110	-38	42	03/17/2025	14:51	LB135063
	Potassium	-4.64			0	0	03/17/2025	14:51	LB135063
	Selenium	-0.91			-20	20	03/17/2025	14:51	LB135063
	Silver	-2.37			-10	10	03/17/2025	14:51	LB135063
	Sodium	54.5			0	0	03/17/2025	14:51	LB135063
	Thallium	9.33			-40	40	03/17/2025	14:51	LB135063
	Vanadium	4.10			-40	40	03/17/2025	14:51	LB135063
	Zinc	3.55			-40	40	03/17/2025	14:51	LB135063
ICSAB01	Aluminum	252000	247000	102	209000	285000	03/17/2025	15:02	LB135063
	Antimony	644	618	104	525	711	03/17/2025	15:02	LB135063
	Arsenic	95.9	104	92	88.4	120	03/17/2025	15:02	LB135063
	Barium	491	537	91	437	637	03/17/2025	15:02	LB135063
	Beryllium	509	495	103	420	570	03/17/2025	15:02	LB135063
	Cadmium	1030	972	106	826	1120	03/17/2025	15:02	LB135063
	Calcium	235000	235000	100	199000	271000	03/17/2025	15:02	LB135063
	Chromium	588	542	108	460	624	03/17/2025	15:02	LB135063
	Cobalt	525	476	110	404	548	03/17/2025	15:02	LB135063
	Copper	534	511	104	434	588	03/17/2025	15:02	LB135063
	Iron	100000	99300	101	84400	114500	03/17/2025	15:02	LB135063
	Lead	58.7	49.0	120	37	61	03/17/2025	15:02	LB135063
	Magnesium	254000	248000	102	210000	286000	03/17/2025	15:02	LB135063
	Manganese	492	507	97	430	584	03/17/2025	15:02	LB135063
	Nickel	1030	954	108	810	1100	03/17/2025	15:02	LB135063
	Potassium	-21.1			0	0	03/17/2025	15:02	LB135063
	Selenium	57.1	46.0	124	26	66	03/17/2025	15:02	LB135063
	Silver	224	201	111	170	232	03/17/2025	15:02	LB135063
	Sodium	40.5			0	0	03/17/2025	15:02	LB135063
	Thallium	108	108	100	68	148	03/17/2025	15:02	LB135063

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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	Vanadium	488	491	99	417	565	03/17/2025	15:02	LB135063
	Zinc	827	952	87	809	1095	03/17/2025	15:02	LB135063