

Metals
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INTERFERENCE CHECK SAMPLE

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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	245000	255000	96	216000	294000	05/21/2025	13:52	LB135868
	Antimony	0.020			-50	50	05/21/2025	13:52	LB135868
	Arsenic	4.10			-20	20	05/21/2025	13:52	LB135868
	Barium	1.83	6.0	30	-94	106	05/21/2025	13:52	LB135868
	Beryllium	0.65			-6	6	05/21/2025	13:52	LB135868
	Cadmium	2.19	1.0	219	-5	7	05/21/2025	13:52	LB135868
	Calcium	228000	245000	93	208000	282000	05/21/2025	13:52	LB135868
	Chromium	55.3	52.0	106	42	62	05/21/2025	13:52	LB135868
	Cobalt	1.60			-30	30	05/21/2025	13:52	LB135868
	Copper	3.11	2.0	156	-18	22	05/21/2025	13:52	LB135868
	Iron	91300	101000	90	85600	116500	05/21/2025	13:52	LB135868
	Lead	4.38			-12	12	05/21/2025	13:52	LB135868
	Magnesium	247000	255000	97	216000	294000	05/21/2025	13:52	LB135868
	Manganese	6.34	7.0	91	-13	27	05/21/2025	13:52	LB135868
	Nickel	2.07	2.0	104	-38	42	05/21/2025	13:52	LB135868
	Potassium	-53.4			0	0	05/21/2025	13:52	LB135868
	Selenium	-13.8			-20	20	05/21/2025	13:52	LB135868
	Silver	-0.79			-10	10	05/21/2025	13:52	LB135868
	Sodium	4.13			0	0	05/21/2025	13:52	LB135868
	Thallium	5.93			-40	40	05/21/2025	13:52	LB135868
	Vanadium	2.52			-40	40	05/21/2025	13:52	LB135868
	Zinc	4.13			-40	40	05/21/2025	13:52	LB135868
ICSAB01	Aluminum	239000	247000	97	209000	285000	05/21/2025	13:56	LB135868
	Antimony	593	618	96	525	711	05/21/2025	13:56	LB135868
	Arsenic	108	104	104	88.4	120	05/21/2025	13:56	LB135868
	Barium	447	537	83	437	637	05/21/2025	13:56	LB135868
	Beryllium	469	495	95	420	570	05/21/2025	13:56	LB135868
	Cadmium	960	972	99	826	1120	05/21/2025	13:56	LB135868
	Calcium	224000	235000	95	199000	271000	05/21/2025	13:56	LB135868
	Chromium	526	542	97	460	624	05/21/2025	13:56	LB135868
	Cobalt	473	476	99	404	548	05/21/2025	13:56	LB135868
	Copper	471	511	92	434	588	05/21/2025	13:56	LB135868
	Iron	91200	99300	92	84400	114500	05/21/2025	13:56	LB135868
	Lead	48.7	49.0	99	37	61	05/21/2025	13:56	LB135868
	Magnesium	239000	248000	96	210000	286000	05/21/2025	13:56	LB135868
	Manganese	456	507	90	430	584	05/21/2025	13:56	LB135868
	Nickel	931	954	98	810	1100	05/21/2025	13:56	LB135868
	Potassium	-57.5			0	0	05/21/2025	13:56	LB135868
	Selenium	33.9	46.0	74	26	66	05/21/2025	13:56	LB135868
	Silver	215	201	107	170	232	05/21/2025	13:56	LB135868
	Sodium	-38.7			0	0	05/21/2025	13:56	LB135868
	Thallium	103	108	95	68	148	05/21/2025	13:56	LB135868

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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	447	491	91	417	565	05/21/2025	13:56	LB135868
	Zinc	967	952	102	809	1095	05/21/2025	13:56	LB135868
ICSA01	Aluminum	267000	255000	105	216000	294000	05/22/2025	15:34	LB135892
	Antimony	-3.61			-50	50	05/22/2025	15:34	LB135892
	Arsenic	1.77			-20	20	05/22/2025	15:34	LB135892
	Barium	7.57	6.0	126	-94	106	05/22/2025	15:34	LB135892
	Beryllium	0.62			-6	6	05/22/2025	15:34	LB135892
	Cadmium	-0.11	1.0	11	-5	7	05/22/2025	15:34	LB135892
	Calcium	257000	245000	105	208000	282000	05/22/2025	15:34	LB135892
	Chromium	59.5	52.0	114	42	62	05/22/2025	15:34	LB135892
	Cobalt	1.57			-30	30	05/22/2025	15:34	LB135892
	Copper	1.51	2.0	76	-18	22	05/22/2025	15:34	LB135892
	Iron	107000	101000	106	85600	116500	05/22/2025	15:34	LB135892
	Lead	5.66			-12	12	05/22/2025	15:34	LB135892
	Magnesium	274000	255000	108	216000	294000	05/22/2025	15:34	LB135892
	Manganese	14.6	7.0	209	-13	27	05/22/2025	15:34	LB135892
	Nickel	2.35	2.0	118	-38	42	05/22/2025	15:34	LB135892
	Potassium	-12.1			0	0	05/22/2025	15:34	LB135892
	Selenium	4.71			-20	20	05/22/2025	15:34	LB135892
	Silver	-1.36			-10	10	05/22/2025	15:34	LB135892
	Sodium	14.1			0	0	05/22/2025	15:34	LB135892
	Thallium	9.78			-40	40	05/22/2025	15:34	LB135892
	Vanadium	3.74			-40	40	05/22/2025	15:34	LB135892
	Zinc	3.58			-40	40	05/22/2025	15:34	LB135892
ICSAB01	Aluminum	239000	247000	97	209000	285000	05/22/2025	15:39	LB135892
	Antimony	594	618	96	525	711	05/22/2025	15:39	LB135892
	Arsenic	107	104	103	88.4	120	05/22/2025	15:39	LB135892
	Barium	505	537	94	437	637	05/22/2025	15:39	LB135892
	Beryllium	477	495	96	420	570	05/22/2025	15:39	LB135892
	Cadmium	965	972	99	826	1120	05/22/2025	15:39	LB135892
	Calcium	232000	235000	99	199000	271000	05/22/2025	15:39	LB135892
	Chromium	554	542	102	460	624	05/22/2025	15:39	LB135892
	Cobalt	489	476	103	404	548	05/22/2025	15:39	LB135892
	Copper	489	511	96	434	588	05/22/2025	15:39	LB135892
	Iron	101000	99300	102	84400	114500	05/22/2025	15:39	LB135892
	Lead	51.7	49.0	106	37	61	05/22/2025	15:39	LB135892
	Magnesium	247000	248000	100	210000	286000	05/22/2025	15:39	LB135892
	Manganese	498	507	98	430	584	05/22/2025	15:39	LB135892
	Nickel	969	954	102	810	1100	05/22/2025	15:39	LB135892
	Potassium	14.2			0	0	05/22/2025	15:39	LB135892
	Selenium	56.0	46.0	122	26	66	05/22/2025	15:39	LB135892
	Silver	222	201	110	170	232	05/22/2025	15:39	LB135892

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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	Sodium	-3.31			0	0	05/22/2025	15:39	LB135892
	Thallium	112	108	104	68	148	05/22/2025	15:39	LB135892
	Vanadium	483	491	98	417	565	05/22/2025	15:39	LB135892
	Zinc	1030	952	108	809	1095	05/22/2025	15:39	LB135892