

Metals
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INTERFERENCE CHECK SAMPLE

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q1711
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q1711 **SAS No.:** Q1711
ICS Source: EPA **Instrument ID:** P7

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	97000	100000	97	0	0	04/04/2025	15:24	LB135315
	Antimony	1.32	1.5	88	-2.5	5.5	04/04/2025	15:24	LB135315
	Arsenic	0.34	0.1	340	-1.9	2.1	04/04/2025	15:24	LB135315
	Barium	1.56	1.2	130	-18.8	21.2	04/04/2025	15:24	LB135315
	Beryllium	0.30			-2	2	04/04/2025	15:24	LB135315
	Cadmium	0.19	0.7	27	-1.3	2.7	04/04/2025	15:24	LB135315
	Chromium	21.2	21.0	101	17	25	04/04/2025	15:24	LB135315
	Copper	9.82	8.0	123	4	12	04/04/2025	15:24	LB135315
	Iron	106000	100000	106	0	0	04/04/2025	15:24	LB135315
	Lead	4.72	4.0	118	2	6	04/04/2025	15:24	LB135315
	Magnesium	99300	100000	99	0	0	04/04/2025	15:24	LB135315
	Manganese	7.49	7.0	107	5	9	04/04/2025	15:24	LB135315
	Potassium	103000	100000	103	0	0	04/04/2025	15:24	LB135315
	Selenium	0	0.3		-9.7	10	04/04/2025	15:24	LB135315
	Sodium	107000	100000	107	0	0	04/04/2025	15:24	LB135315
ICSAB01	Aluminum	90300	100000	90	0	0	04/04/2025	15:27	LB135315
	Antimony	20.8	22.0	94	18	26	04/04/2025	15:27	LB135315
	Arsenic	20.4	19.0	107	16.2	21.9	04/04/2025	15:27	LB135315
	Barium	21.1	22.0	96	2	42	04/04/2025	15:27	LB135315
	Beryllium	21.3	19.0	112	16.2	21.9	04/04/2025	15:27	LB135315
	Cadmium	19.6	20.0	98	17	23	04/04/2025	15:27	LB135315
	Chromium	40.5	40.0	101	34	46	04/04/2025	15:27	LB135315
	Copper	27.9	25.0	112	21	29	04/04/2025	15:27	LB135315
	Iron	99500	100000	100	0	0	04/04/2025	15:27	LB135315
	Lead	23.9	25.0	96	21.3	28.8	04/04/2025	15:27	LB135315
	Magnesium	92200	100000	92	0	0	04/04/2025	15:27	LB135315
	Manganese	25.7	27.0	95	23	31.1	04/04/2025	15:27	LB135315
	Potassium	97200	100000	97	0	0	04/04/2025	15:27	LB135315
	Selenium	19.9	19.0	105	9	29	04/04/2025	15:27	LB135315
	Sodium	100000	100000	100	0	0	04/04/2025	15:27	LB135315
ICSA01	Aluminum	94800	100000	95	0	0	04/07/2025	12:57	LB135332
	Antimony	1.24	1.5	83	-2.5	5.5	04/07/2025	12:57	LB135332
	Arsenic	0.37	0.1	370	-1.9	2.1	04/07/2025	12:57	LB135332
	Barium	1.42	1.2	118	-18.8	21.2	04/07/2025	12:57	LB135332
	Beryllium	0			-2	2	04/07/2025	12:57	LB135332
	Cadmium	0.49	0.7	70	-1.3	2.7	04/07/2025	12:57	LB135332
	Chromium	19.4	21.0	92	17	25	04/07/2025	12:57	LB135332
	Copper	6.88	8.0	86	4	12	04/07/2025	12:57	LB135332
	Iron	102000	100000	102	0	0	04/07/2025	12:57	LB135332
	Lead	4.37	4.0	109	2	6	04/07/2025	12:57	LB135332
	Magnesium	102000	100000	102	0	0	04/07/2025	12:57	LB135332
	Manganese	6.78	7.0	97	5	9	04/07/2025	12:57	LB135332

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ICS Source: EPA **Instrument ID:** P8

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	Potassium	102000	100000	102	0	0	04/07/2025	12:57	LB135332
	Selenium	0.10	0.3	33	-9.7	10	04/07/2025	12:57	LB135332
	Sodium	109000	100000	109	0	0	04/07/2025	12:57	LB135332
ICSAB01	Aluminum	96200	100000	96	0	0	04/07/2025	13:04	LB135332
	Antimony	21.3	22.0	97	18	26	04/07/2025	13:04	LB135332
	Arsenic	21.0	19.0	110	16.2	21.9	04/07/2025	13:04	LB135332
	Barium	21.5	22.0	98	2	42	04/07/2025	13:04	LB135332
	Beryllium	21.3	19.0	112	16.2	21.9	04/07/2025	13:04	LB135332
	Cadmium	20.8	20.0	104	17	23	04/07/2025	13:04	LB135332
	Chromium	39.6	40.0	99	34	46	04/07/2025	13:04	LB135332
	Copper	24.7	25.0	99	21	29	04/07/2025	13:04	LB135332
	Iron	101000	100000	101	0	0	04/07/2025	13:04	LB135332
	Lead	23.7	25.0	95	21.3	28.8	04/07/2025	13:04	LB135332
	Magnesium	103000	100000	103	0	0	04/07/2025	13:04	LB135332
	Manganese	24.9	27.0	92	23	31.1	04/07/2025	13:04	LB135332
	Potassium	103000	100000	103	0	0	04/07/2025	13:04	LB135332
	Selenium	21.2	19.0	112	9	29	04/07/2025	13:04	LB135332
	Sodium	110000	100000	110	0	0	04/07/2025	13:04	LB135332