

Metals
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INTERFERENCE CHECK SAMPLE

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2869

Contract: JACO05

Lab Code: ACE

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	89100	100000	89	0	0	08/15/2025	13:46	LB136861
	Antimony	1.11	1.5	74	-2.5	5.5	08/15/2025	13:46	LB136861
	Arsenic	0.29	0.1	290	-1.9	2.1	08/15/2025	13:46	LB136861
	Barium	1.35	1.2	112	-18.8	21.2	08/15/2025	13:46	LB136861
	Beryllium	0.28			-2	2	08/15/2025	13:46	LB136861
	Cadmium	0.17	0.7	24	-1.3	2.7	08/15/2025	13:46	LB136861
	Calcium	102000	100000	102	0	0	08/15/2025	13:46	LB136861
	Chromium	20.0	21.0	95	17	25	08/15/2025	13:46	LB136861
	Cobalt	1.28	1.0	128	-1	3	08/15/2025	13:46	LB136861
	Copper	7.41	8.0	93	4	12	08/15/2025	13:46	LB136861
	Iron	102000	100000	102	0	0	08/15/2025	13:46	LB136861
	Lead	4.10	4.0	102	2	6	08/15/2025	13:46	LB136861
	Magnesium	91200	100000	91	0	0	08/15/2025	13:46	LB136861
	Manganese	7.52	7.0	107	5	9	08/15/2025	13:46	LB136861
	Nickel	5.29	6.0	88	4	8	08/15/2025	13:46	LB136861
	Potassium	102000	100000	102	0	0	08/15/2025	13:46	LB136861
	Selenium	0	0.3		-9.7	10	08/15/2025	13:46	LB136861
	Silver	0.050			-2	2	08/15/2025	13:46	LB136861
	Sodium	100000	100000	100	0	0	08/15/2025	13:46	LB136861
	Thallium	0.040			-2	2	08/15/2025	13:46	LB136861
	Vanadium	0.22	0.5	44	-9.5	10.5	08/15/2025	13:46	LB136861
	Zinc	9.17	11.0	83	1	21	08/15/2025	13:46	LB136861
ICSAB01	Aluminum	89700	100000	90	0	0	08/15/2025	13:50	LB136861
	Antimony	20.9	22.0	95	18	26	08/15/2025	13:50	LB136861
	Arsenic	20.2	19.0	106	16.2	21.9	08/15/2025	13:50	LB136861
	Barium	21.7	22.0	99	2	42	08/15/2025	13:50	LB136861
	Beryllium	21.4	19.0	113	16.2	21.9	08/15/2025	13:50	LB136861
	Cadmium	20.4	20.0	102	17	23	08/15/2025	13:50	LB136861
	Calcium	102000	100000	102	0	0	08/15/2025	13:50	LB136861
	Chromium	40.6	40.0	102	34	46	08/15/2025	13:50	LB136861
	Cobalt	21.9	20.0	110	17	23	08/15/2025	13:50	LB136861
	Copper	26.5	25.0	106	21	29	08/15/2025	13:50	LB136861
	Iron	102000	100000	102	0	0	08/15/2025	13:50	LB136861
	Lead	23.6	25.0	94	21.3	28.8	08/15/2025	13:50	LB136861
	Magnesium	91800	100000	92	0	0	08/15/2025	13:50	LB136861
	Manganese	28.4	27.0	105	23	31.1	08/15/2025	13:50	LB136861
	Nickel	26.6	24.0	111	20.4	27.6	08/15/2025	13:50	LB136861
	Potassium	103000	100000	103	0	0	08/15/2025	13:50	LB136861
	Selenium	19.6	19.0	103	9	29	08/15/2025	13:50	LB136861
	Silver	19.9	18.0	111	15.3	20.7	08/15/2025	13:50	LB136861
	Sodium	101000	100000	101	0	0	08/15/2025	13:50	LB136861
	Thallium	20.4	21.0	97	17.9	24.2	08/15/2025	13:50	LB136861

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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	20.3	19.0	107	9	29	08/15/2025	13:50	LB136861
	Zinc	27.1	29.0	93	19	39	08/15/2025	13:50	LB136861
ICSA01	Aluminum	93700	100000	94	0	0	08/21/2025	12:33	LB136916
	Antimony	1.09	1.5	73	-2.5	5.5	08/21/2025	12:33	LB136916
	Arsenic	0.28	0.1	280	-1.9	2.1	08/21/2025	12:33	LB136916
	Barium	1.42	1.2	118	-18.8	21.2	08/21/2025	12:33	LB136916
	Beryllium	0.27			-2	2	08/21/2025	12:33	LB136916
	Cadmium	0	0.7		-1.3	2.7	08/21/2025	12:33	LB136916
	Calcium	100000	100000	100	0	0	08/21/2025	12:33	LB136916
	Chromium	20.1	21.0	96	17	25	08/21/2025	12:33	LB136916
	Cobalt	1.30	1.0	130	-1	3	08/21/2025	12:33	LB136916
	Copper	7.38	8.0	92	4	12	08/21/2025	12:33	LB136916
	Iron	100000	100000	100	0	0	08/21/2025	12:33	LB136916
	Lead	4.27	4.0	107	2	6	08/21/2025	12:33	LB136916
	Magnesium	96000	100000	96	0	0	08/21/2025	12:33	LB136916
	Manganese	7.22	7.0	103	5	9	08/21/2025	12:33	LB136916
	Nickel	5.50	6.0	92	4	8	08/21/2025	12:33	LB136916
	Potassium	101000	100000	101	0	0	08/21/2025	12:33	LB136916
	Selenium	0.050	0.3	17	-9.7	10	08/21/2025	12:33	LB136916
	Silver	0.050			-2	2	08/21/2025	12:33	LB136916
	Sodium	105000	100000	105	0	0	08/21/2025	12:33	LB136916
	Thallium	0.040			-2	2	08/21/2025	12:33	LB136916
	Vanadium	0.19	0.5	38	-9.5	10.5	08/21/2025	12:33	LB136916
	Zinc	9.71	11.0	88	1	21	08/21/2025	12:33	LB136916
ICSAB01	Aluminum	93100	100000	93	0	0	08/21/2025	12:36	LB136916
	Antimony	21.4	22.0	97	18	26	08/21/2025	12:36	LB136916
	Arsenic	20.3	19.0	107	16.2	21.9	08/21/2025	12:36	LB136916
	Barium	21.8	22.0	99	2	42	08/21/2025	12:36	LB136916
	Beryllium	20.8	19.0	110	16.2	21.9	08/21/2025	12:36	LB136916
	Cadmium	20.7	20.0	104	17	23	08/21/2025	12:36	LB136916
	Calcium	99700	100000	100	0	0	08/21/2025	12:36	LB136916
	Chromium	40.2	40.0	100	34	46	08/21/2025	12:36	LB136916
	Cobalt	21.6	20.0	108	17	23	08/21/2025	12:36	LB136916
	Copper	26.5	25.0	106	21	29	08/21/2025	12:36	LB136916
	Iron	101000	100000	101	0	0	08/21/2025	12:36	LB136916
	Lead	23.3	25.0	93	21.3	28.8	08/21/2025	12:36	LB136916
	Magnesium	93700	100000	94	0	0	08/21/2025	12:36	LB136916
	Manganese	25.7	27.0	95	23	31.1	08/21/2025	12:36	LB136916
	Nickel	26.0	24.0	108	20.4	27.6	08/21/2025	12:36	LB136916
	Potassium	101000	100000	101	0	0	08/21/2025	12:36	LB136916
	Selenium	20.0	19.0	105	9	29	08/21/2025	12:36	LB136916
	Silver	20.2	18.0	112	15.3	20.7	08/21/2025	12:36	LB136916

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ICSAB01	Sodium	104000	100000	104	0	0	08/21/2025	12:36	LB136916
	Thallium	19.8	21.0	94	17.9	24.2	08/21/2025	12:36	LB136916
	Vanadium	20.0	19.0	105	9	29	08/21/2025	12:36	LB136916
	Zinc	29.0	29.0	100	19	39	08/21/2025	12:36	LB136916