

Metals

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CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2869

Contract: JACO05

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Aluminum	18.0	20.0	90	70 - 130	P	08/15/2025	14:03	LB136861
	Antimony	2.15	2.0	108	70 - 130	P	08/15/2025	14:03	LB136861
	Arsenic	1.04	1.0	104	70 - 130	P	08/15/2025	14:03	LB136861
	Barium	10.7	10.0	107	70 - 130	P	08/15/2025	14:03	LB136861
	Beryllium	1.17	1.0	117	70 - 130	P	08/15/2025	14:03	LB136861
	Cadmium	1.05	1.0	105	70 - 130	P	08/15/2025	14:03	LB136861
	Calcium	589	500	118	70 - 130	P	08/15/2025	14:03	LB136861
	Chromium	2.19	2.0	110	70 - 130	P	08/15/2025	14:03	LB136861
	Cobalt	1.15	1.0	115	50 - 150	P	08/15/2025	14:03	LB136861
	Copper	2.19	2.0	110	70 - 130	P	08/15/2025	14:03	LB136861
	Iron	60.5	50.0	121	70 - 130	P	08/15/2025	14:03	LB136861
	Lead	1.01	1.0	101	70 - 130	P	08/15/2025	14:03	LB136861
	Magnesium	522	500	104	70 - 130	P	08/15/2025	14:03	LB136861
	Manganese	1.06	1.0	106	50 - 150	P	08/15/2025	14:03	LB136861
	Nickel	1.16	1.0	116	70 - 130	P	08/15/2025	14:03	LB136861
	Potassium	591	500	118	70 - 130	P	08/15/2025	14:03	LB136861
	Selenium	5.56	5.0	111	70 - 130	P	08/15/2025	14:03	LB136861
	Silver	1.13	1.0	113	70 - 130	P	08/15/2025	14:03	LB136861
	Sodium	562	500	112	70 - 130	P	08/15/2025	14:03	LB136861
	Thallium	1.05	1.0	105	70 - 130	P	08/15/2025	14:03	LB136861
	Vanadium	5.53	5.0	111	70 - 130	P	08/15/2025	14:03	LB136861
	Zinc	4.70	5.0	94	50 - 150	P	08/15/2025	14:03	LB136861
CRA	Mercury	0.23	0.2	115	70 - 130	CV	08/21/2025	09:08	LB136901
CRI	Aluminum	20.2	20.0	101	70 - 130	P	08/21/2025	12:48	LB136916
	Antimony	2.16	2.0	108	70 - 130	P	08/21/2025	12:48	LB136916
	Arsenic	1.05	1.0	105	70 - 130	P	08/21/2025	12:48	LB136916
	Barium	10.7	10.0	107	70 - 130	P	08/21/2025	12:48	LB136916
	Beryllium	1.18	1.0	118	70 - 130	P	08/21/2025	12:48	LB136916
	Cadmium	0.98	1.0	98	70 - 130	P	08/21/2025	12:48	LB136916
	Calcium	555	500	111	70 - 130	P	08/21/2025	12:48	LB136916
	Chromium	2.13	2.0	106	70 - 130	P	08/21/2025	12:48	LB136916
	Cobalt	1.16	1.0	116	50 - 150	P	08/21/2025	12:48	LB136916
	Copper	2.11	2.0	106	70 - 130	P	08/21/2025	12:48	LB136916
	Iron	59.0	50.0	118	70 - 130	P	08/21/2025	12:48	LB136916
	Lead	1.03	1.0	103	70 - 130	P	08/21/2025	12:48	LB136916

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Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Magnesium	524	500	105	70 - 130	P	08/21/2025	12:48	LB136916
	Manganese	1.01	1.0	101	50 - 150	P	08/21/2025	12:48	LB136916
	Nickel	1.19	1.0	119	70 - 130	P	08/21/2025	12:48	LB136916
	Potassium	561	500	112	70 - 130	P	08/21/2025	12:48	LB136916
	Selenium	5.74	5.0	115	70 - 130	P	08/21/2025	12:48	LB136916
	Silver	1.10	1.0	110	70 - 130	P	08/21/2025	12:48	LB136916
	Sodium	558	500	112	70 - 130	P	08/21/2025	12:48	LB136916
	Thallium	1.00	1.0	100	70 - 130	P	08/21/2025	12:48	LB136916
	Vanadium	5.41	5.0	108	70 - 130	P	08/21/2025	12:48	LB136916
	Zinc	5.49	5.0	110	50 - 150	P	08/21/2025	12:48	LB136916