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Metals

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CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q1812
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q1812 **SAS No.:** Q1812
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
CRA	Mercury	0.16	0.2	81	40 - 160	CV	04/17/2025	12:24	LB135470
CRI	Aluminum	22.2	20.0	111	70 - 130	P	04/21/2025	16:32	LB135513
	Antimony	1.98	2.0	99	70 - 130	P	04/21/2025	16:32	LB135513
	Arsenic	1.11	1.0	111	70 - 130	P	04/21/2025	16:32	LB135513
	Barium	9.85	10.0	98	70 - 130	P	04/21/2025	16:32	LB135513
	Beryllium	1.11	1.0	111	70 - 130	P	04/21/2025	16:32	LB135513
	Cadmium	1.07	1.0	107	70 - 130	P	04/21/2025	16:32	LB135513
	Calcium	518	500	104	70 - 130	P	04/21/2025	16:32	LB135513
	Chromium	2.04	2.0	102	70 - 130	P	04/21/2025	16:32	LB135513
	Cobalt	1.07	1.0	107	50 - 150	P	04/21/2025	16:32	LB135513
	Copper	2.19	2.0	110	70 - 130	P	04/21/2025	16:32	LB135513
	Iron	53.5	50.0	107	70 - 130	P	04/21/2025	16:32	LB135513
	Lead	0.93	1.0	93	70 - 130	P	04/21/2025	16:32	LB135513
	Magnesium	555	500	111	70 - 130	P	04/21/2025	16:32	LB135513
	Manganese	1.10	1.0	110	50 - 150	P	04/21/2025	16:32	LB135513
	Nickel	1.11	1.0	111	70 - 130	P	04/21/2025	16:32	LB135513
	Potassium	521	500	104	70 - 130	P	04/21/2025	16:32	LB135513
	Selenium	5.02	5.0	100	70 - 130	P	04/21/2025	16:32	LB135513
	Silver	1.01	1.0	101	70 - 130	P	04/21/2025	16:32	LB135513
	Sodium	582	500	116	70 - 130	P	04/21/2025	16:32	LB135513
	Thallium	0.95	1.0	95	70 - 130	P	04/21/2025	16:32	LB135513
	Vanadium	5.12	5.0	102	70 - 130	P	04/21/2025	16:32	LB135513
	Zinc	5.24	5.0	105	50 - 150	P	04/21/2025	16:32	LB135513
CRI	Aluminum	20.7	20.0	103	70 - 130	P	04/29/2025	12:47	LB135595
	Antimony	1.98	2.0	99	70 - 130	P	04/29/2025	12:47	LB135595
	Arsenic	1.00	1.0	100	70 - 130	P	04/29/2025	12:47	LB135595
	Barium	9.97	10.0	100	70 - 130	P	04/29/2025	12:47	LB135595
	Beryllium	1.09	1.0	109	70 - 130	P	04/29/2025	12:47	LB135595
	Cadmium	1.03	1.0	103	70 - 130	P	04/29/2025	12:47	LB135595
	Calcium	499	500	100	70 - 130	P	04/29/2025	12:47	LB135595
	Chromium	2.02	2.0	101	70 - 130	P	04/29/2025	12:47	LB135595
	Cobalt	1.07	1.0	107	50 - 150	P	04/29/2025	12:47	LB135595
	Copper	2.12	2.0	106	70 - 130	P	04/29/2025	12:47	LB135595
	Iron	55.4	50.0	111	70 - 130	P	04/29/2025	12:47	LB135595
	Lead	0.97	1.0	97	70 - 130	P	04/29/2025	12:47	LB135595

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SDG No.: Q1812

Contract: JACO05

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SAS No.: Q1812

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	Magnesium	547	500	109	70 - 130	P	04/29/2025	12:47	LB135595
	Manganese	1.02	1.0	102	50 - 150	P	04/29/2025	12:47	LB135595
	Nickel	1.01	1.0	101	70 - 130	P	04/29/2025	12:47	LB135595
	Potassium	506	500	101	70 - 130	P	04/29/2025	12:47	LB135595
	Selenium	5.00	5.0	100	70 - 130	P	04/29/2025	12:47	LB135595
	Silver	0.99	1.0	99	70 - 130	P	04/29/2025	12:47	LB135595
	Sodium	549	500	110	70 - 130	P	04/29/2025	12:47	LB135595
	Thallium	0.95	1.0	95	70 - 130	P	04/29/2025	12:47	LB135595
	Vanadium	5.06	5.0	101	70 - 130	P	04/29/2025	12:47	LB135595
	Zinc	5.08	5.0	102	50 - 150	P	04/29/2025	12:47	LB135595