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Metals

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CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2008
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2008 **SAS No.:** Q2008
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	0.18	0.2	89	70 - 130	CV	05/14/2025	11:54	LB135763
CRI01	Aluminum	91.1	100	91	65 - 135	P	05/14/2025	13:43	LB135778
	Antimony	50.6	50.0	101	65 - 135	P	05/14/2025	13:43	LB135778
	Arsenic	19.9	20.0	99	65 - 135	P	05/14/2025	13:43	LB135778
	Barium	85.9	100	86	65 - 135	P	05/14/2025	13:43	LB135778
	Beryllium	5.80	6.0	97	65 - 135	P	05/14/2025	13:43	LB135778
	Cadmium	6.01	6.0	100	65 - 135	P	05/14/2025	13:43	LB135778
	Calcium	1910	2000	95	65 - 135	P	05/14/2025	13:43	LB135778
	Chromium	9.05	10.0	90	65 - 135	P	05/14/2025	13:43	LB135778
	Cobalt	29.0	30.0	97	65 - 135	P	05/14/2025	13:43	LB135778
	Copper	22.3	20.0	112	65 - 135	P	05/14/2025	13:43	LB135778
	Iron	93.3	100	93	65 - 135	P	05/14/2025	13:43	LB135778
	Lead	11.1	12.0	92	65 - 135	P	05/14/2025	13:43	LB135778
	Magnesium	1970	2000	98	65 - 135	P	05/14/2025	13:43	LB135778
	Manganese	19.4	20.0	97	65 - 135	P	05/14/2025	13:43	LB135778
	Nickel	38.8	40.0	97	65 - 135	P	05/14/2025	13:43	LB135778
	Potassium	1920	2000	96	65 - 135	P	05/14/2025	13:43	LB135778
	Selenium	22.6	20.0	113	65 - 135	P	05/14/2025	13:43	LB135778
	Silver	9.49	10.0	95	65 - 135	P	05/14/2025	13:43	LB135778
	Sodium	1890	2000	94	65 - 135	P	05/14/2025	13:43	LB135778
	Thallium	39.1	40.0	98	65 - 135	P	05/14/2025	13:43	LB135778
	Vanadium	38.4	40.0	96	65 - 135	P	05/14/2025	13:43	LB135778
	Zinc	42.2	40.0	106	65 - 135	P	05/14/2025	13:43	LB135778
CRI01	Aluminum	102	100	102	65 - 135	P	05/15/2025	13:51	LB135794
	Antimony	52.8	50.0	106	65 - 135	P	05/15/2025	13:51	LB135794
	Arsenic	21.4	20.0	107	65 - 135	P	05/15/2025	13:51	LB135794
	Barium	94.3	100	94	65 - 135	P	05/15/2025	13:51	LB135794
	Beryllium	5.81	6.0	97	65 - 135	P	05/15/2025	13:51	LB135794
	Cadmium	6.05	6.0	101	65 - 135	P	05/15/2025	13:51	LB135794
	Calcium	2010	2000	100	65 - 135	P	05/15/2025	13:51	LB135794
	Chromium	9.78	10.0	98	65 - 135	P	05/15/2025	13:51	LB135794
	Cobalt	29.2	30.0	97	65 - 135	P	05/15/2025	13:51	LB135794
	Copper	22.2	20.0	111	65 - 135	P	05/15/2025	13:51	LB135794
	Iron	104	100	104	65 - 135	P	05/15/2025	13:51	LB135794
	Lead	12.3	12.0	102	65 - 135	P	05/15/2025	13:51	LB135794

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Initial Calibration Source: _____

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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
CRI01	Magnesium	2060	2000	103	65 - 135	P	05/15/2025	13:51	LB135794
	Manganese	20.4	20.0	102	65 - 135	P	05/15/2025	13:51	LB135794
	Nickel	39.1	40.0	98	65 - 135	P	05/15/2025	13:51	LB135794
	Potassium	1920	2000	96	65 - 135	P	05/15/2025	13:51	LB135794
	Selenium	22.4	20.0	112	65 - 135	P	05/15/2025	13:51	LB135794
	Silver	10.1	10.0	101	65 - 135	P	05/15/2025	13:51	LB135794
	Sodium	1880	2000	94	65 - 135	P	05/15/2025	13:51	LB135794
	Thallium	42.5	40.0	106	65 - 135	P	05/15/2025	13:51	LB135794
	Vanadium	38.1	40.0	95	65 - 135	P	05/15/2025	13:51	LB135794
	Zinc	42.5	40.0	106	65 - 135	P	05/15/2025	13:51	LB135794