

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

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
CRA	Mercury	0.19	0.2	95	70 - 130	CV	07/03/2025	11:24	LB136369
CRI01	Aluminum	109	100	109	65 - 135	P	07/07/2025	13:49	LB136390
	Antimony	52.7	50.0	106	65 - 135	P	07/07/2025	13:49	LB136390
	Arsenic	23.0	20.0	115	65 - 135	P	07/07/2025	13:49	LB136390
	Barium	97.5	100	98	65 - 135	P	07/07/2025	13:49	LB136390
	Beryllium	6.07	6.0	101	65 - 135	P	07/07/2025	13:49	LB136390
	Cadmium	7.08	6.0	118	65 - 135	P	07/07/2025	13:49	LB136390
	Calcium	2020	2000	101	65 - 135	P	07/07/2025	13:49	LB136390
	Chromium	11.8	10.0	118	65 - 135	P	07/07/2025	13:49	LB136390
	Cobalt	30.6	30.0	102	65 - 135	P	07/07/2025	13:49	LB136390
	Copper	22.1	20.0	111	65 - 135	P	07/07/2025	13:49	LB136390
	Iron	117	100	117	65 - 135	P	07/07/2025	13:49	LB136390
	Lead	13.7	12.0	114	65 - 135	P	07/07/2025	13:49	LB136390
	Magnesium	2100	2000	105	65 - 135	P	07/07/2025	13:49	LB136390
	Manganese	21.9	20.0	110	65 - 135	P	07/07/2025	13:49	LB136390
	Nickel	42.1	40.0	105	65 - 135	P	07/07/2025	13:49	LB136390
	Potassium	1880	2000	94	65 - 135	P	07/07/2025	13:49	LB136390
	Selenium	19.2	20.0	96	65 - 135	P	07/07/2025	13:49	LB136390
	Silver	10.6	10.0	106	65 - 135	P	07/07/2025	13:49	LB136390
	Sodium	2070	2000	104	65 - 135	P	07/07/2025	13:49	LB136390
	Thallium	42.1	40.0	105	65 - 135	P	07/07/2025	13:49	LB136390
	Vanadium	42.5	40.0	106	65 - 135	P	07/07/2025	13:49	LB136390
	Zinc	46.7	40.0	117	65 - 135	P	07/07/2025	13:49	LB136390
CRI01	Aluminum	114	100	114	65 - 135	P	07/09/2025	10:26	LB136407
	Antimony	53.6	50.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Arsenic	14.2	20.0	71	65 - 135	P	07/09/2025	10:26	LB136407
	Barium	104	100	104	65 - 135	P	07/09/2025	10:26	LB136407
	Beryllium	6.33	6.0	105	65 - 135	P	07/09/2025	10:26	LB136407
	Cadmium	5.51	6.0	92	65 - 135	P	07/09/2025	10:26	LB136407
	Calcium	1930	2000	96	65 - 135	P	07/09/2025	10:26	LB136407
	Chromium	10.7	10.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Cobalt	29.1	30.0	97	65 - 135	P	07/09/2025	10:26	LB136407
	Copper	24.1	20.0	120	65 - 135	P	07/09/2025	10:26	LB136407
	Iron	119	100	119	65 - 135	P	07/09/2025	10:26	LB136407
	Lead	11.5	12.0	96	65 - 135	P	07/09/2025	10:26	LB136407

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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	07/09/2025	10:26	LB136407
	Manganese	22.6	20.0	113	65 - 135	P	07/09/2025	10:26	LB136407
	Nickel	38.2	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Potassium	1710	2000	86	65 - 135	P	07/09/2025	10:26	LB136407
	Selenium	22.8	20.0	114	65 - 135	P	07/09/2025	10:26	LB136407
	Silver	11.6	10.0	116	65 - 135	P	07/09/2025	10:26	LB136407
	Sodium	1830	2000	92	65 - 135	P	07/09/2025	10:26	LB136407
	Thallium	38.4	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Vanadium	32.0	40.0	80	65 - 135	P	07/09/2025	10:26	LB136407
	Zinc	43.1	40.0	108	65 - 135	P	07/09/2025	10:26	LB136407
CRI01	Aluminum	98.0	100	98	65 - 135	P	07/15/2025	14:05	LB136486
	Antimony	52.4	50.0	105	65 - 135	P	07/15/2025	14:05	LB136486
	Arsenic	16.4	20.0	82	65 - 135	P	07/15/2025	14:05	LB136486
	Barium	101	100	101	65 - 135	P	07/15/2025	14:05	LB136486
	Beryllium	6.27	6.0	104	65 - 135	P	07/15/2025	14:05	LB136486
	Cadmium	5.56	6.0	93	65 - 135	P	07/15/2025	14:05	LB136486
	Calcium	2020	2000	101	65 - 135	P	07/15/2025	14:05	LB136486
	Chromium	10.0	10.0	100	65 - 135	P	07/15/2025	14:05	LB136486
	Cobalt	29.9	30.0	100	65 - 135	P	07/15/2025	14:05	LB136486
	Copper	22.0	20.0	110	65 - 135	P	07/15/2025	14:05	LB136486
	Iron	113	100	113	65 - 135	P	07/15/2025	14:05	LB136486
	Lead	13.4	12.0	111	65 - 135	P	07/15/2025	14:05	LB136486
	Magnesium	2190	2000	110	65 - 135	P	07/15/2025	14:05	LB136486
	Manganese	22.2	20.0	111	65 - 135	P	07/15/2025	14:05	LB136486
	Nickel	39.2	40.0	98	65 - 135	P	07/15/2025	14:05	LB136486
	Potassium	1790	2000	90	65 - 135	P	07/15/2025	14:05	LB136486
	Selenium	22.3	20.0	111	65 - 135	P	07/15/2025	14:05	LB136486
	Silver	11.2	10.0	112	65 - 135	P	07/15/2025	14:05	LB136486
	Sodium	1810	2000	90	65 - 135	P	07/15/2025	14:05	LB136486
	Thallium	40.0	40.0	100	65 - 135	P	07/15/2025	14:05	LB136486
	Vanadium	40.1	40.0	100	65 - 135	P	07/15/2025	14:05	LB136486
	Zinc	40.0	40.0	100	65 - 135	P	07/15/2025	14:05	LB136486