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Metals

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CRDL STANDARD FOR AA & ICP

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1503

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1503

SAS No.: Q1503

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
CRI01	Aluminum	97.3	100	97	40 - 160	P	04/02/2025	15:55	LB135273
	Antimony	49.4	50.0	99	40 - 160	P	04/02/2025	15:55	LB135273
	Arsenic	19.0	20.0	95	40 - 160	P	04/02/2025	15:55	LB135273
	Barium	91.3	100	91	40 - 160	P	04/02/2025	15:55	LB135273
	Beryllium	6.02	6.0	100	40 - 160	P	04/02/2025	15:55	LB135273
	Boron	85.8	100	86	40 - 160	P	04/02/2025	15:55	LB135273
	Cadmium	5.72	6.0	95	40 - 160	P	04/02/2025	15:55	LB135273
	Calcium	1960	2000	98	40 - 160	P	04/02/2025	15:55	LB135273
	Chromium	9.75	10.0	98	40 - 160	P	04/02/2025	15:55	LB135273
	Cobalt	28.8	30.0	96	40 - 160	P	04/02/2025	15:55	LB135273
	Copper	22.1	20.0	110	40 - 160	P	04/02/2025	15:55	LB135273
	Iron	94.6	100	95	40 - 160	P	04/02/2025	15:55	LB135273
	Lead	11.9	12.0	99	40 - 160	P	04/02/2025	15:55	LB135273
	Magnesium	2070	2000	104	40 - 160	P	04/02/2025	15:55	LB135273
	Manganese	17.5	20.0	87	40 - 160	P	04/02/2025	15:55	LB135273
	Molybdenum	204	200	102	40 - 160	P	04/02/2025	15:55	LB135273
	Nickel	38.7	40.0	97	40 - 160	P	04/02/2025	15:55	LB135273
	Potassium	1760	2000	88	40 - 160	P	04/02/2025	15:55	LB135273
	Selenium	21.7	20.0	109	40 - 160	P	04/02/2025	15:55	LB135273
	Silver	9.98	10.0	100	40 - 160	P	04/02/2025	15:55	LB135273
CRI01	Sodium	1810	2000	91	40 - 160	P	04/02/2025	15:55	LB135273
	Thallium	39.6	40.0	99	40 - 160	P	04/02/2025	15:55	LB135273
	Tin	38.1	40.0	95	40 - 160	P	04/02/2025	15:55	LB135273
	Titanium	38.3	40.0	96	40 - 160	P	04/02/2025	15:55	LB135273
	Vanadium	38.9	40.0	97	40 - 160	P	04/02/2025	15:55	LB135273
	Zinc	41.8	40.0	104	40 - 160	P	04/02/2025	15:55	LB135273
	Aluminum	108	100	108	40 - 160	P	04/03/2025	12:20	LB135289
	Antimony	52.6	50.0	105	40 - 160	P	04/03/2025	12:20	LB135289
	Arsenic	21.0	20.0	105	40 - 160	P	04/03/2025	12:20	LB135289
	Barium	82.8	100	83	40 - 160	P	04/03/2025	12:20	LB135289
	Beryllium	5.91	6.0	98	40 - 160	P	04/03/2025	12:20	LB135289
	Cadmium	5.76	6.0	96	40 - 160	P	04/03/2025	12:20	LB135289
	Calcium	1940	2000	97	40 - 160	P	04/03/2025	12:20	LB135289
	Chromium	10.00	10.0	100	40 - 160	P	04/03/2025	12:20	LB135289
	Cobalt	28.9	30.0	96	40 - 160	P	04/03/2025	12:20	LB135289
	Copper	22.8	20.0	114	40 - 160	P	04/03/2025	12:20	LB135289

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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	Iron	110	100	110	40 - 160	P	04/03/2025	12:20	LB135289
	Lead	11.6	12.0	96	40 - 160	P	04/03/2025	12:20	LB135289
	Magnesium	2020	2000	101	40 - 160	P	04/03/2025	12:20	LB135289
	Manganese	16.4	20.0	82	40 - 160	P	04/03/2025	12:20	LB135289
	Nickel	38.7	40.0	97	40 - 160	P	04/03/2025	12:20	LB135289
	Potassium	1850	2000	92	40 - 160	P	04/03/2025	12:20	LB135289
	Selenium	20.4	20.0	102	40 - 160	P	04/03/2025	12:20	LB135289
	Silver	10.7	10.0	107	40 - 160	P	04/03/2025	12:20	LB135289
	Sodium	1950	2000	97	40 - 160	P	04/03/2025	12:20	LB135289
	Thallium	41.1	40.0	103	40 - 160	P	04/03/2025	12:20	LB135289
	Vanadium	38.5	40.0	96	40 - 160	P	04/03/2025	12:20	LB135289
	Zinc	42.8	40.0	107	40 - 160	P	04/03/2025	12:20	LB135289
CRA	Mercury	0.039	0.05	78	40 - 160	CV	04/03/2025	12:24	LB135283
CRI01	Aluminum	103	100	103	40 - 160	P	04/07/2025	13:10	LB135333
	Antimony	53.8	50.0	108	40 - 160	P	04/07/2025	13:10	LB135333
	Arsenic	22.8	20.0	114	40 - 160	P	04/07/2025	13:10	LB135333
	Barium	90.6	100	91	40 - 160	P	04/07/2025	13:10	LB135333
	Beryllium	5.67	6.0	94	40 - 160	P	04/07/2025	13:10	LB135333
	Boron	89.0	100	89	40 - 160	P	04/07/2025	13:10	LB135333
	Cadmium	5.78	6.0	96	40 - 160	P	04/07/2025	13:10	LB135333
	Calcium	1920	2000	96	40 - 160	P	04/07/2025	13:10	LB135333
	Chromium	9.85	10.0	98	40 - 160	P	04/07/2025	13:10	LB135333
	Cobalt	29.8	30.0	99	40 - 160	P	04/07/2025	13:10	LB135333
	Copper	22.4	20.0	112	40 - 160	P	04/07/2025	13:10	LB135333
	Iron	99.8	100	100	40 - 160	P	04/07/2025	13:10	LB135333
	Lead	11.7	12.0	98	40 - 160	P	04/07/2025	13:10	LB135333
	Magnesium	2030	2000	102	40 - 160	P	04/07/2025	13:10	LB135333
	Manganese	21.2	20.0	106	40 - 160	P	04/07/2025	13:10	LB135333
	Molybdenum	210	200	105	40 - 160	P	04/07/2025	13:10	LB135333
	Nickel	39.7	40.0	99	40 - 160	P	04/07/2025	13:10	LB135333
	Potassium	1870	2000	94	40 - 160	P	04/07/2025	13:10	LB135333
	Selenium	21.0	20.0	105	40 - 160	P	04/07/2025	13:10	LB135333
	Silver	10.9	10.0	109	40 - 160	P	04/07/2025	13:10	LB135333
	Sodium	1460	2000	73	40 - 160	P	04/07/2025	13:10	LB135333
	Thallium	40.7	40.0	102	40 - 160	P	04/07/2025	13:10	LB135333
	Tin	39.6	40.0	99	40 - 160	P	04/07/2025	13:10	LB135333
	Titanium	38.5	40.0	96	40 - 160	P	04/07/2025	13:10	LB135333
	Vanadium	38.2	40.0	95	40 - 160	P	04/07/2025	13:10	LB135333

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CRI01	Zinc	41.4	40.0	104	40 - 160	P	04/07/2025	13:10	LB135333