

Metals

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CRDL STANDARD FOR AA & ICP

Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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	0.052	0.05	104	40 - 160	CV	10/08/2024	16:18	LB132826
CRI01	Aluminum	91.4	100	91	40 - 160	P	10/17/2024	13:21	LB132991
	Antimony	44.9	50.0	90	40 - 160	P	10/17/2024	13:21	LB132991
	Arsenic	18.5	20.0	93	40 - 160	P	10/17/2024	13:21	LB132991
	Barium	89.8	100	90	40 - 160	P	10/17/2024	13:21	LB132991
	Beryllium	5.42	6.0	90	40 - 160	P	10/17/2024	13:21	LB132991
	Boron	84.2	100	84	40 - 160	P	10/17/2024	13:21	LB132991
	Cadmium	5.67	6.0	94	40 - 160	P	10/17/2024	13:21	LB132991
	Calcium	1760	2000	88	40 - 160	P	10/17/2024	13:21	LB132991
	Chromium	8.81	10.0	88	40 - 160	P	10/17/2024	13:21	LB132991
	Cobalt	26.7	30.0	89	40 - 160	P	10/17/2024	13:21	LB132991
	Copper	20.2	20.0	101	40 - 160	P	10/17/2024	13:21	LB132991
	Iron	94.7	100	95	40 - 160	P	10/17/2024	13:21	LB132991
	Lead	13.3	12.0	111	40 - 160	P	10/17/2024	13:21	LB132991
	Magnesium	1860	2000	93	40 - 160	P	10/17/2024	13:21	LB132991
	Manganese	18.1	20.0	91	40 - 160	P	10/17/2024	13:21	LB132991
	Molybdenum	183	200	91	40 - 160	P	10/17/2024	13:21	LB132991
	Nickel	35.6	40.0	89	40 - 160	P	10/17/2024	13:21	LB132991
	Potassium	1790	2000	89	40 - 160	P	10/17/2024	13:21	LB132991
	Selenium	17.8	20.0	89	40 - 160	P	10/17/2024	13:21	LB132991
	Silicon	321	400	80	40 - 160	P	10/17/2024	13:21	LB132991
	Silver	11.2	10.0	112	40 - 160	P	10/17/2024	13:21	LB132991
	Sodium	1720	2000	86	40 - 160	P	10/17/2024	13:21	LB132991
	Strontium	18.6	20.0	93	40 - 160	P	10/17/2024	13:21	LB132991
	Thallium	37.6	40.0	94	40 - 160	P	10/17/2024	13:21	LB132991
	Tin	32.1	40.0	80	40 - 160	P	10/17/2024	13:21	LB132991
	Titanium	34.0	40.0	85	40 - 160	P	10/17/2024	13:21	LB132991
	Vanadium	34.4	40.0	86	40 - 160	P	10/17/2024	13:21	LB132991
	Zinc	39.1	40.0	98	40 - 160	P	10/17/2024	13:21	LB132991
CRI01	Aluminum	93.0	100	93	40 - 160	P	10/18/2024	13:27	LB133014
	Antimony	48.2	50.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Arsenic	20.0	20.0	100	40 - 160	P	10/18/2024	13:27	LB133014
	Barium	92.1	100	92	40 - 160	P	10/18/2024	13:27	LB133014
	Beryllium	5.98	6.0	100	40 - 160	P	10/18/2024	13:27	LB133014
	Cadmium	5.44	6.0	91	40 - 160	P	10/18/2024	13:27	LB133014

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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	Calcium	1910	2000	96	40 - 160	P	10/18/2024	13:27	LB133014
	Chromium	9.88	10.0	99	40 - 160	P	10/18/2024	13:27	LB133014
	Cobalt	28.8	30.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Copper	21.7	20.0	108	40 - 160	P	10/18/2024	13:27	LB133014
	Iron	105	100	105	40 - 160	P	10/18/2024	13:27	LB133014
	Lead	12.8	12.0	107	40 - 160	P	10/18/2024	13:27	LB133014
	Magnesium	2030	2000	102	40 - 160	P	10/18/2024	13:27	LB133014
	Manganese	19.3	20.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Nickel	38.5	40.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Potassium	1980	2000	99	40 - 160	P	10/18/2024	13:27	LB133014
	Selenium	17.9	20.0	89	40 - 160	P	10/18/2024	13:27	LB133014
	Silver	12.4	10.0	124	40 - 160	P	10/18/2024	13:27	LB133014
	Sodium	1940	2000	97	40 - 160	P	10/18/2024	13:27	LB133014
	Thallium	38.6	40.0	97	40 - 160	P	10/18/2024	13:27	LB133014
	Vanadium	37.5	40.0	94	40 - 160	P	10/18/2024	13:27	LB133014
	Zinc	42.5	40.0	106	40 - 160	P	10/18/2024	13:27	LB133014