



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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CRDL STANDARD FOR AA & ICP

Client: Weston Solutions, Inc.

SDG No.: Q3447

Contract: ROYF02

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	0.23	0.2	115	70 - 130	CV	10/24/2025	12:54	LB137636
CRI01	Aluminum	97.3	100	97	65 - 135	P	10/24/2025	14:48	LB137662
	Antimony	54.2	50.0	108	65 - 135	P	10/24/2025	14:48	LB137662
	Arsenic	22.7	20.0	114	65 - 135	P	10/24/2025	14:48	LB137662
	Barium	101	100	102	65 - 135	P	10/24/2025	14:48	LB137662
	Beryllium	6.57	6.0	110	65 - 135	P	10/24/2025	14:48	LB137662
	Cadmium	5.93	6.0	99	65 - 135	P	10/24/2025	14:48	LB137662
	Calcium	2130	2000	106	65 - 135	P	10/24/2025	14:48	LB137662
	Chromium	10.6	10.0	106	65 - 135	P	10/24/2025	14:48	LB137662
	Cobalt	30.6	30.0	102	65 - 135	P	10/24/2025	14:48	LB137662
	Copper	23.2	20.0	116	65 - 135	P	10/24/2025	14:48	LB137662
	Iron	112	100	112	65 - 135	P	10/24/2025	14:48	LB137662
	Lead	12.1	12.0	101	65 - 135	P	10/24/2025	14:48	LB137662
	Magnesium	2130	2000	107	65 - 135	P	10/24/2025	14:48	LB137662
	Manganese	22.3	20.0	112	65 - 135	P	10/24/2025	14:48	LB137662
	Nickel	40.8	40.0	102	65 - 135	P	10/24/2025	14:48	LB137662
	Potassium	2020	2000	101	65 - 135	P	10/24/2025	14:48	LB137662
	Selenium	21.3	20.0	107	65 - 135	P	10/24/2025	14:48	LB137662
	Silver	11.4	10.0	114	65 - 135	P	10/24/2025	14:48	LB137662
	Sodium	1940	2000	97	65 - 135	P	10/24/2025	14:48	LB137662
	Thallium	46.2	40.0	116	65 - 135	P	10/24/2025	14:48	LB137662
	Vanadium	41.4	40.0	103	65 - 135	P	10/24/2025	14:48	LB137662
	Zinc	44.5	40.0	111	65 - 135	P	10/24/2025	14:48	LB137662
CRI01	Aluminum	102	100	102	65 - 135	P	10/27/2025	13:34	LB137665
	Antimony	47.7	50.0	95	65 - 135	P	10/27/2025	13:34	LB137665
	Arsenic	18.6	20.0	93	65 - 135	P	10/27/2025	13:34	LB137665
	Barium	93.1	100	93	65 - 135	P	10/27/2025	13:34	LB137665
	Beryllium	6.03	6.0	100	65 - 135	P	10/27/2025	13:34	LB137665
	Cadmium	5.61	6.0	94	65 - 135	P	10/27/2025	13:34	LB137665
	Calcium	1980	2000	99	65 - 135	P	10/27/2025	13:34	LB137665
	Chromium	9.75	10.0	98	65 - 135	P	10/27/2025	13:34	LB137665
	Cobalt	28.3	30.0	94	65 - 135	P	10/27/2025	13:34	LB137665
	Copper	21.0	20.0	105	65 - 135	P	10/27/2025	13:34	LB137665
	Iron	106	100	106	65 - 135	P	10/27/2025	13:34	LB137665
	Lead	11.2	12.0	93	65 - 135	P	10/27/2025	13:34	LB137665

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CRI01	Magnesium	2000	2000	100	65 - 135	P	10/27/2025	13:34	LB137665
	Manganese	20.9	20.0	104	65 - 135	P	10/27/2025	13:34	LB137665
	Nickel	38.2	40.0	96	65 - 135	P	10/27/2025	13:34	LB137665
	Potassium	1710	2000	86	65 - 135	P	10/27/2025	13:34	LB137665
	Selenium	16.3	20.0	81	65 - 135	P	10/27/2025	13:34	LB137665
	Silver	10.8	10.0	108	65 - 135	P	10/27/2025	13:34	LB137665
	Sodium	1780	2000	89	65 - 135	P	10/27/2025	13:34	LB137665
	Thallium	45.7	40.0	114	65 - 135	P	10/27/2025	13:34	LB137665
	Vanadium	39.4	40.0	99	65 - 135	P	10/27/2025	13:34	LB137665
	Zinc	41.4	40.0	104	65 - 135	P	10/27/2025	13:34	LB137665
CRI01	Aluminum	112	100	112	65 - 135	P	10/28/2025	12:42	LB137677
	Antimony	52.2	50.0	104	65 - 135	P	10/28/2025	12:42	LB137677
	Arsenic	19.5	20.0	97	65 - 135	P	10/28/2025	12:42	LB137677
	Barium	103	100	103	65 - 135	P	10/28/2025	12:42	LB137677
	Beryllium	6.40	6.0	107	65 - 135	P	10/28/2025	12:42	LB137677
	Cadmium	5.75	6.0	96	65 - 135	P	10/28/2025	12:42	LB137677
	Calcium	2060	2000	103	65 - 135	P	10/28/2025	12:42	LB137677
	Chromium	10.4	10.0	104	65 - 135	P	10/28/2025	12:42	LB137677
	Cobalt	29.6	30.0	99	65 - 135	P	10/28/2025	12:42	LB137677
	Copper	22.0	20.0	110	65 - 135	P	10/28/2025	12:42	LB137677
	Iron	99.8	100	100	65 - 135	P	10/28/2025	12:42	LB137677
	Lead	11.5	12.0	96	65 - 135	P	10/28/2025	12:42	LB137677
	Magnesium	2100	2000	105	65 - 135	P	10/28/2025	12:42	LB137677
	Manganese	21.2	20.0	106	65 - 135	P	10/28/2025	12:42	LB137677
	Nickel	39.4	40.0	98	65 - 135	P	10/28/2025	12:42	LB137677
	Potassium	1920	2000	96	65 - 135	P	10/28/2025	12:42	LB137677
	Selenium	20.5	20.0	102	65 - 135	P	10/28/2025	12:42	LB137677
	Silver	10.6	10.0	106	65 - 135	P	10/28/2025	12:42	LB137677
	Sodium	1990	2000	99	65 - 135	P	10/28/2025	12:42	LB137677
	Thallium	39.4	40.0	98	65 - 135	P	10/28/2025	12:42	LB137677
	Vanadium	37.9	40.0	95	65 - 135	P	10/28/2025	12:42	LB137677
	Zinc	42.4	40.0	106	65 - 135	P	10/28/2025	12:42	LB137677
CRI01	Aluminum	97.1	100	97	65 - 135	P	10/29/2025	14:16	LB137697
	Antimony	49.9	50.0	100	65 - 135	P	10/29/2025	14:16	LB137697
	Arsenic	19.9	20.0	99	65 - 135	P	10/29/2025	14:16	LB137697
	Barium	102	100	102	65 - 135	P	10/29/2025	14:16	LB137697
	Beryllium	6.41	6.0	107	65 - 135	P	10/29/2025	14:16	LB137697
	Cadmium	5.84	6.0	97	65 - 135	P	10/29/2025	14:16	LB137697

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CRI01	Calcium	2050	2000	103	65 - 135	P	10/29/2025	14:16	LB137697
	Chromium	10.3	10.0	103	65 - 135	P	10/29/2025	14:16	LB137697
	Cobalt	29.6	30.0	99	65 - 135	P	10/29/2025	14:16	LB137697
	Copper	21.6	20.0	108	65 - 135	P	10/29/2025	14:16	LB137697
	Iron	98.0	100	98	65 - 135	P	10/29/2025	14:16	LB137697
	Lead	11.6	12.0	97	65 - 135	P	10/29/2025	14:16	LB137697
	Magnesium	2120	2000	106	65 - 135	P	10/29/2025	14:16	LB137697
	Manganese	22.0	20.0	110	65 - 135	P	10/29/2025	14:16	LB137697
	Nickel	40.3	40.0	101	65 - 135	P	10/29/2025	14:16	LB137697
	Potassium	1850	2000	92	65 - 135	P	10/29/2025	14:16	LB137697
	Selenium	23.0	20.0	115	65 - 135	P	10/29/2025	14:16	LB137697
	Silver	11.0	10.0	110	65 - 135	P	10/29/2025	14:16	LB137697
	Sodium	1940	2000	97	65 - 135	P	10/29/2025	14:16	LB137697
	Thallium	44.2	40.0	111	65 - 135	P	10/29/2025	14:16	LB137697
	Vanadium	43.2	40.0	108	65 - 135	P	10/29/2025	14:16	LB137697
	Zinc	42.4	40.0	106	65 - 135	P	10/29/2025	14:16	LB137697