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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** P5241

Contract: WEST04 **Lab Code:** CHEM **Case No.:** P5241 **SAS No.:** P5241

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	490	500	98	90 - 110	P	12/11/2024	17:25	LB133901
	Antimony	212	200	106	90 - 110	P	12/11/2024	17:25	LB133901
	Arsenic	218	200	109	90 - 110	P	12/11/2024	17:25	LB133901
	Barium	103	100	103	90 - 110	P	12/11/2024	17:25	LB133901
	Beryllium	110	100	110	90 - 110	P	12/11/2024	17:25	LB133901
	Cadmium	106	100	106	90 - 110	P	12/11/2024	17:25	LB133901
	Calcium	1980	2000	99	90 - 110	P	12/11/2024	17:25	LB133901
	Chromium	102	100	102	90 - 110	P	12/11/2024	17:25	LB133901
	Cobalt	106	100	106	90 - 110	P	12/11/2024	17:25	LB133901
	Copper	101	100	101	90 - 110	P	12/11/2024	17:25	LB133901
	Iron	2060	2000	103	90 - 110	P	12/11/2024	17:25	LB133901
	Lead	206	200	103	90 - 110	P	12/11/2024	17:25	LB133901
	Magnesium	1250	1200	104	90 - 110	P	12/11/2024	17:25	LB133901
	Manganese	103	100	103	90 - 110	P	12/11/2024	17:25	LB133901
	Nickel	107	110	97	90 - 110	P	12/11/2024	17:25	LB133901
	Potassium	1960	2000	98	90 - 110	P	12/11/2024	17:25	LB133901
	Selenium	220	200	110	90 - 110	P	12/11/2024	17:25	LB133901
	Silver	53.8	50.0	108	90 - 110	P	12/11/2024	17:25	LB133901
	Sodium	2130	2000	106	90 - 110	P	12/11/2024	17:25	LB133901
	Thallium	204	210	97	90 - 110	P	12/11/2024	17:25	LB133901
	Vanadium	101	100	101	90 - 110	P	12/11/2024	17:25	LB133901
	Zinc	203	200	102	90 - 110	P	12/11/2024	17:25	LB133901

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Contract: WEST04 **Lab Code:** CHEM **Case No.:** P5241 **SAS No.:** P5241

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV	Aluminum	21.9	20.0	110	80 - 120	P	12/11/2024	17:59	LB133901
	Antimony	2.13	2.0	106	80 - 120	P	12/11/2024	17:59	LB133901
	Arsenic	1.19	1.0	119	80 - 120	P	12/11/2024	17:59	LB133901
	Barium	10.6	10.0	106	80 - 120	P	12/11/2024	17:59	LB133901
	Beryllium	1.12	1.0	112	80 - 120	P	12/11/2024	17:59	LB133901
	Cadmium	1.07	1.0	107	80 - 120	P	12/11/2024	17:59	LB133901
	Calcium	522	500	104	80 - 120	P	12/11/2024	17:59	LB133901
	Chromium	2.22	2.0	111	80 - 120	P	12/11/2024	17:59	LB133901
	Cobalt	1.13	1.0	113	80 - 120	P	12/11/2024	17:59	LB133901
	Copper	1.99	2.0	100	80 - 120	P	12/11/2024	17:59	LB133901
	Iron	54.4	50.0	109	80 - 120	P	12/11/2024	17:59	LB133901
	Lead	1.01	1.0	101	80 - 120	P	12/11/2024	17:59	LB133901
	Magnesium	575	500	115	80 - 120	P	12/11/2024	17:59	LB133901
	Manganese	1.11	1.0	111	80 - 120	P	12/11/2024	17:59	LB133901
	Nickel	1.05	1.0	105	80 - 120	P	12/11/2024	17:59	LB133901
	Potassium	525	500	105	80 - 120	P	12/11/2024	17:59	LB133901
	Selenium	5.77	5.0	115	80 - 120	P	12/11/2024	17:59	LB133901
	Silver	1.05	1.0	105	80 - 120	P	12/11/2024	17:59	LB133901
	Sodium	549	500	110	80 - 120	P	12/11/2024	17:59	LB133901
	Thallium	1.00	1.0	100	80 - 120	P	12/11/2024	17:59	LB133901
	Vanadium	5.25	5.0	105	80 - 120	P	12/11/2024	17:59	LB133901
	Zinc	5.96	5.0	119	80 - 120	P	12/11/2024	17:59	LB133901

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** P5241

Contract: WEST04 **Lab Code:** CHEM **Case No.:** P5241 **SAS No.:** P5241

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	50900	50000	102	90 - 110	P	12/11/2024	18:11	LB133901
	Antimony	486	500	97	90 - 110	P	12/11/2024	18:11	LB133901
	Arsenic	517	500	103	90 - 110	P	12/11/2024	18:11	LB133901
	Barium	2520	2500	101	90 - 110	P	12/11/2024	18:11	LB133901
	Beryllium	538	500	108	90 - 110	P	12/11/2024	18:11	LB133901
	Cadmium	481	500	96	90 - 110	P	12/11/2024	18:11	LB133901
	Calcium	247000	250000	99	90 - 110	P	12/11/2024	18:11	LB133901
	Chromium	519	500	104	90 - 110	P	12/11/2024	18:11	LB133901
	Cobalt	508	500	102	90 - 110	P	12/11/2024	18:11	LB133901
	Copper	4920	5000	98	90 - 110	P	12/11/2024	18:11	LB133901
	Iron	127000	125000	102	90 - 110	P	12/11/2024	18:11	LB133901
	Lead	2560	2500	103	90 - 110	P	12/11/2024	18:11	LB133901
	Magnesium	258000	250000	103	90 - 110	P	12/11/2024	18:11	LB133901
	Manganese	5180	5000	104	90 - 110	P	12/11/2024	18:11	LB133901
	Nickel	470	500	94	90 - 110	P	12/11/2024	18:11	LB133901
	Potassium	124000	125000	99	90 - 110	P	12/11/2024	18:11	LB133901
	Selenium	495	500	99	90 - 110	P	12/11/2024	18:11	LB133901
	Silver	479	500	96	90 - 110	P	12/11/2024	18:11	LB133901
	Sodium	254000	250000	102	90 - 110	P	12/11/2024	18:11	LB133901
	Thallium	513	500	102	90 - 110	P	12/11/2024	18:11	LB133901
	Vanadium	526	500	105	90 - 110	P	12/11/2024	18:11	LB133901
	Zinc	4920	5000	98	90 - 110	P	12/11/2024	18:11	LB133901
CCV02	Aluminum	50700	50000	101	90 - 110	P	12/11/2024	19:16	LB133901
	Antimony	503	500	101	90 - 110	P	12/11/2024	19:16	LB133901
	Arsenic	511	500	102	90 - 110	P	12/11/2024	19:16	LB133901
	Barium	2550	2500	102	90 - 110	P	12/11/2024	19:16	LB133901
	Beryllium	528	500	106	90 - 110	P	12/11/2024	19:16	LB133901
	Cadmium	493	500	99	90 - 110	P	12/11/2024	19:16	LB133901
	Calcium	244000	250000	98	90 - 110	P	12/11/2024	19:16	LB133901
	Chromium	512	500	102	90 - 110	P	12/11/2024	19:16	LB133901
	Cobalt	506	500	101	90 - 110	P	12/11/2024	19:16	LB133901
	Copper	4880	5000	98	90 - 110	P	12/11/2024	19:16	LB133901
	Iron	127000	125000	101	90 - 110	P	12/11/2024	19:16	LB133901
	Lead	2590	2500	104	90 - 110	P	12/11/2024	19:16	LB133901

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** P5241

Contract: WEST04 **Lab Code:** CHEM **Case No.:** P5241 **SAS No.:** P5241

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	254000	250000	102	90 - 110	P	12/11/2024	19:16	LB133901
	Manganese	5130	5000	102	90 - 110	P	12/11/2024	19:16	LB133901
	Nickel	466	500	93	90 - 110	P	12/11/2024	19:16	LB133901
	Potassium	122000	125000	98	90 - 110	P	12/11/2024	19:16	LB133901
	Selenium	493	500	99	90 - 110	P	12/11/2024	19:16	LB133901
	Silver	484	500	97	90 - 110	P	12/11/2024	19:16	LB133901
	Sodium	250000	250000	100	90 - 110	P	12/11/2024	19:16	LB133901
	Thallium	516	500	103	90 - 110	P	12/11/2024	19:16	LB133901
	Vanadium	524	500	105	90 - 110	P	12/11/2024	19:16	LB133901
	Zinc	4930	5000	99	90 - 110	P	12/11/2024	19:16	LB133901
CCV03	Aluminum	49800	50000	100	90 - 110	P	12/11/2024	19:52	LB133901
	Antimony	497	500	100	90 - 110	P	12/11/2024	19:52	LB133901
	Arsenic	502	500	100	90 - 110	P	12/11/2024	19:52	LB133901
	Barium	2500	2500	100	90 - 110	P	12/11/2024	19:52	LB133901
	Beryllium	526	500	105	90 - 110	P	12/11/2024	19:52	LB133901
	Cadmium	492	500	98	90 - 110	P	12/11/2024	19:52	LB133901
	Calcium	244000	250000	97	90 - 110	P	12/11/2024	19:52	LB133901
	Chromium	510	500	102	90 - 110	P	12/11/2024	19:52	LB133901
	Cobalt	504	500	101	90 - 110	P	12/11/2024	19:52	LB133901
	Copper	4810	5000	96	90 - 110	P	12/11/2024	19:52	LB133901
	Iron	125000	125000	100	90 - 110	P	12/11/2024	19:52	LB133901
	Lead	2560	2500	102	90 - 110	P	12/11/2024	19:52	LB133901
	Magnesium	251000	250000	100	90 - 110	P	12/11/2024	19:52	LB133901
	Manganese	5080	5000	102	90 - 110	P	12/11/2024	19:52	LB133901
	Nickel	460	500	92	90 - 110	P	12/11/2024	19:52	LB133901
	Potassium	119000	125000	95	90 - 110	P	12/11/2024	19:52	LB133901
	Selenium	489	500	98	90 - 110	P	12/11/2024	19:52	LB133901
	Silver	478	500	96	90 - 110	P	12/11/2024	19:52	LB133901
	Sodium	247000	250000	99	90 - 110	P	12/11/2024	19:52	LB133901
	Thallium	519	500	104	90 - 110	P	12/11/2024	19:52	LB133901
	Vanadium	516	500	103	90 - 110	P	12/11/2024	19:52	LB133901
	Zinc	4840	5000	97	90 - 110	P	12/11/2024	19:52	LB133901