

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421
Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421
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
ICV21	Mercury	3.72	4.0	93	90 - 110	CV	02/27/2025	13:26	LB134835

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Client: Weston Solutions, Inc. **SDG No.:** Q1421
Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421
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
CCV32	Mercury	5.30	5.0	106	90 - 110	CV	02/27/2025	13:31	LB134835
CCV33	Mercury	5.12	5.0	102	90 - 110	CV	02/27/2025	14:13	LB134835
CCV34	Mercury	5.16	5.0	103	90 - 110	CV	02/27/2025	14:45	LB134835

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Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2500	2500	100	95 - 105	P	03/10/2025	11:48	LB134965
	Antimony	1010	1000	100	95 - 105	P	03/10/2025	11:48	LB134965
	Arsenic	1030	1000	103	95 - 105	P	03/10/2025	11:48	LB134965
	Barium	537	520	103	95 - 105	P	03/10/2025	11:48	LB134965
	Beryllium	517	510	101	95 - 105	P	03/10/2025	11:48	LB134965
	Cadmium	503	510	99	95 - 105	P	03/10/2025	11:48	LB134965
	Calcium	9910	10000	99	95 - 105	P	03/10/2025	11:48	LB134965
	Chromium	531	520	102	95 - 105	P	03/10/2025	11:48	LB134965
	Cobalt	510	520	98	95 - 105	P	03/10/2025	11:48	LB134965
	Copper	524	510	103	95 - 105	P	03/10/2025	11:48	LB134965
	Iron	10400	10000	104	95 - 105	P	03/10/2025	11:48	LB134965
	Lead	1010	1000	101	95 - 105	P	03/10/2025	11:48	LB134965
	Magnesium	5800	6000	97	95 - 105	P	03/10/2025	11:48	LB134965
	Manganese	503	520	97	95 - 105	P	03/10/2025	11:48	LB134965
	Nickel	513	530	97	95 - 105	P	03/10/2025	11:48	LB134965
	Potassium	10200	9900	103	95 - 105	P	03/10/2025	11:48	LB134965
	Selenium	1040	1000	104	95 - 105	P	03/10/2025	11:48	LB134965
	Silver	257	250	103	95 - 105	P	03/10/2025	11:48	LB134965
	Sodium	9760	10000	98	95 - 105	P	03/10/2025	11:48	LB134965
	Thallium	1040	1000	104	95 - 105	P	03/10/2025	11:48	LB134965
	Vanadium	513	500	103	95 - 105	P	03/10/2025	11:48	LB134965
	Zinc	1040	1000	104	95 - 105	P	03/10/2025	11:48	LB134965

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Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	103	100	103	80 - 120	P	03/10/2025	11:52	LB134965
	Antimony	49.7	50.0	99	80 - 120	P	03/10/2025	11:52	LB134965
	Arsenic	17.9	20.0	90	80 - 120	P	03/10/2025	11:52	LB134965
	Barium	90.3	100	90	80 - 120	P	03/10/2025	11:52	LB134965
	Beryllium	5.54	6.0	92	80 - 120	P	03/10/2025	11:52	LB134965
	Cadmium	5.56	6.0	93	80 - 120	P	03/10/2025	11:52	LB134965
	Calcium	1900	2000	95	80 - 120	P	03/10/2025	11:52	LB134965
	Chromium	9.58	10.0	96	80 - 120	P	03/10/2025	11:52	LB134965
	Cobalt	28.0	30.0	93	80 - 120	P	03/10/2025	11:52	LB134965
	Copper	21.2	20.0	106	80 - 120	P	03/10/2025	11:52	LB134965
	Iron	108	100	108	80 - 120	P	03/10/2025	11:52	LB134965
	Lead	11.7	12.0	97	80 - 120	P	03/10/2025	11:52	LB134965
	Magnesium	1970	2000	99	80 - 120	P	03/10/2025	11:52	LB134965
	Manganese	19.2	20.0	96	80 - 120	P	03/10/2025	11:52	LB134965
	Nickel	37.4	40.0	93	80 - 120	P	03/10/2025	11:52	LB134965
	Potassium	1930	2000	97	80 - 120	P	03/10/2025	11:52	LB134965
	Selenium	18.2	20.0	91	80 - 120	P	03/10/2025	11:52	LB134965
	Silver	9.78	10.0	98	80 - 120	P	03/10/2025	11:52	LB134965
	Sodium	1800	2000	90	80 - 120	P	03/10/2025	11:52	LB134965
	Thallium	40.0	40.0	100	80 - 120	P	03/10/2025	11:52	LB134965
	Vanadium	35.7	40.0	89	80 - 120	P	03/10/2025	11:52	LB134965
	Zinc	40.5	40.0	101	80 - 120	P	03/10/2025	11:52	LB134965

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. SDG No.: Q1421
Contract: ROYF02 Lab Code: CHEM Case No.: Q1421 SAS No.: Q1421
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9760	10000	98	90 - 110	P	03/10/2025	12:27	LB134965
	Antimony	5060	5000	101	90 - 110	P	03/10/2025	12:27	LB134965
	Arsenic	4990	5000	100	90 - 110	P	03/10/2025	12:27	LB134965
	Barium	9500	10000	95	90 - 110	P	03/10/2025	12:27	LB134965
	Beryllium	247	250	99	90 - 110	P	03/10/2025	12:27	LB134965
	Cadmium	2440	2500	97	90 - 110	P	03/10/2025	12:27	LB134965
	Calcium	26100	25000	104	90 - 110	P	03/10/2025	12:27	LB134965
	Chromium	1000	1000	100	90 - 110	P	03/10/2025	12:27	LB134965
	Cobalt	2430	2500	97	90 - 110	P	03/10/2025	12:27	LB134965
	Copper	1240	1250	99	90 - 110	P	03/10/2025	12:27	LB134965
	Iron	4820	5000	96	90 - 110	P	03/10/2025	12:27	LB134965
	Lead	4900	5000	98	90 - 110	P	03/10/2025	12:27	LB134965
	Magnesium	25900	25000	104	90 - 110	P	03/10/2025	12:27	LB134965
	Manganese	2620	2500	105	90 - 110	P	03/10/2025	12:27	LB134965
	Nickel	2440	2500	98	90 - 110	P	03/10/2025	12:27	LB134965
	Potassium	24200	25000	97	90 - 110	P	03/10/2025	12:27	LB134965
	Selenium	5030	5000	101	90 - 110	P	03/10/2025	12:27	LB134965
	Silver	1220	1250	98	90 - 110	P	03/10/2025	12:27	LB134965
	Sodium	24100	25000	96	90 - 110	P	03/10/2025	12:27	LB134965
	Thallium	4960	5000	99	90 - 110	P	03/10/2025	12:27	LB134965
	Vanadium	2410	2500	96	90 - 110	P	03/10/2025	12:27	LB134965
	Zinc	2470	2500	99	90 - 110	P	03/10/2025	12:27	LB134965
CCV02	Aluminum	9920	10000	99	90 - 110	P	03/10/2025	13:21	LB134965
	Antimony	5190	5000	104	90 - 110	P	03/10/2025	13:21	LB134965
	Arsenic	5090	5000	102	90 - 110	P	03/10/2025	13:21	LB134965
	Barium	10200	10000	102	90 - 110	P	03/10/2025	13:21	LB134965
	Beryllium	231	250	93	90 - 110	P	03/10/2025	13:21	LB134965
	Cadmium	2470	2500	99	90 - 110	P	03/10/2025	13:21	LB134965
	Calcium	24300	25000	97	90 - 110	P	03/10/2025	13:21	LB134965
	Chromium	1000	1000	100	90 - 110	P	03/10/2025	13:21	LB134965
	Cobalt	2480	2500	99	90 - 110	P	03/10/2025	13:21	LB134965
	Copper	1270	1250	102	90 - 110	P	03/10/2025	13:21	LB134965
	Iron	5220	5000	104	90 - 110	P	03/10/2025	13:21	LB134965
	Lead	4950	5000	99	90 - 110	P	03/10/2025	13:21	LB134965

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Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	03/10/2025	13:21	LB134965
	Manganese	2420	2500	97	90 - 110	P	03/10/2025	13:21	LB134965
	Nickel	2490	2500	100	90 - 110	P	03/10/2025	13:21	LB134965
	Potassium	26700	25000	107	90 - 110	P	03/10/2025	13:21	LB134965
	Selenium	5150	5000	103	90 - 110	P	03/10/2025	13:21	LB134965
	Silver	1260	1250	101	90 - 110	P	03/10/2025	13:21	LB134965
	Sodium	26400	25000	106	90 - 110	P	03/10/2025	13:21	LB134965
	Thallium	5050	5000	101	90 - 110	P	03/10/2025	13:21	LB134965
	Vanadium	2470	2500	99	90 - 110	P	03/10/2025	13:21	LB134965
	Zinc	2550	2500	102	90 - 110	P	03/10/2025	13:21	LB134965
CCV03	Aluminum	10000	10000	100	90 - 110	P	03/10/2025	14:11	LB134965
	Antimony	5250	5000	105	90 - 110	P	03/10/2025	14:11	LB134965
	Arsenic	5180	5000	104	90 - 110	P	03/10/2025	14:11	LB134965
	Barium	10200	10000	102	90 - 110	P	03/10/2025	14:11	LB134965
	Beryllium	239	250	96	90 - 110	P	03/10/2025	14:11	LB134965
	Cadmium	2500	2500	100	90 - 110	P	03/10/2025	14:11	LB134965
	Calcium	24500	25000	98	90 - 110	P	03/10/2025	14:11	LB134965
	Chromium	1000	1000	100	90 - 110	P	03/10/2025	14:11	LB134965
	Cobalt	2510	2500	100	90 - 110	P	03/10/2025	14:11	LB134965
	Copper	1300	1250	104	90 - 110	P	03/10/2025	14:11	LB134965
	Iron	5200	5000	104	90 - 110	P	03/10/2025	14:11	LB134965
	Lead	5010	5000	100	90 - 110	P	03/10/2025	14:11	LB134965
	Magnesium	24300	25000	97	90 - 110	P	03/10/2025	14:11	LB134965
	Manganese	2420	2500	97	90 - 110	P	03/10/2025	14:11	LB134965
	Nickel	2520	2500	101	90 - 110	P	03/10/2025	14:11	LB134965
	Potassium	26600	25000	106	90 - 110	P	03/10/2025	14:11	LB134965
	Selenium	5240	5000	105	90 - 110	P	03/10/2025	14:11	LB134965
	Silver	1280	1250	102	90 - 110	P	03/10/2025	14:11	LB134965
	Sodium	25900	25000	104	90 - 110	P	03/10/2025	14:11	LB134965
	Thallium	5010	5000	100	90 - 110	P	03/10/2025	14:11	LB134965
	Vanadium	2500	2500	100	90 - 110	P	03/10/2025	14:11	LB134965
	Zinc	2590	2500	104	90 - 110	P	03/10/2025	14:11	LB134965
CCV04	Aluminum	9730	10000	97	90 - 110	P	03/10/2025	15:01	LB134965
	Antimony	5120	5000	102	90 - 110	P	03/10/2025	15:01	LB134965

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. SDG No.: Q1421
Contract: ROYF02 Lab Code: CHEM Case No.: Q1421 SAS No.: Q1421
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	03/10/2025	15:01	LB134965
	Barium	9950	10000	100	90 - 110	P	03/10/2025	15:01	LB134965
	Beryllium	226	250	90	90 - 110	P	03/10/2025	15:01	LB134965
	Cadmium	2420	2500	97	90 - 110	P	03/10/2025	15:01	LB134965
	Calcium	24000	25000	96	90 - 110	P	03/10/2025	15:01	LB134965
	Chromium	993	1000	99	90 - 110	P	03/10/2025	15:01	LB134965
	Cobalt	2440	2500	98	90 - 110	P	03/10/2025	15:01	LB134965
	Copper	1250	1250	100	90 - 110	P	03/10/2025	15:01	LB134965
	Iron	5240	5000	105	90 - 110	P	03/10/2025	15:01	LB134965
	Lead	4860	5000	97	90 - 110	P	03/10/2025	15:01	LB134965
	Magnesium	23700	25000	95	90 - 110	P	03/10/2025	15:01	LB134965
	Manganese	2360	2500	94	90 - 110	P	03/10/2025	15:01	LB134965
	Nickel	2440	2500	98	90 - 110	P	03/10/2025	15:01	LB134965
	Potassium	26800	25000	107	90 - 110	P	03/10/2025	15:01	LB134965
	Selenium	5050	5000	101	90 - 110	P	03/10/2025	15:01	LB134965
	Silver	1250	1250	100	90 - 110	P	03/10/2025	15:01	LB134965
	Sodium	26100	25000	104	90 - 110	P	03/10/2025	15:01	LB134965
	Thallium	4780	5000	96	90 - 110	P	03/10/2025	15:01	LB134965
	Vanadium	2450	2500	98	90 - 110	P	03/10/2025	15:01	LB134965
	Zinc	2510	2500	100	90 - 110	P	03/10/2025	15:01	LB134965
CCV05	Aluminum	9800	10000	98	90 - 110	P	03/10/2025	15:51	LB134965
	Antimony	5090	5000	102	90 - 110	P	03/10/2025	15:51	LB134965
	Arsenic	5000	5000	100	90 - 110	P	03/10/2025	15:51	LB134965
	Barium	9730	10000	97	90 - 110	P	03/10/2025	15:51	LB134965
	Beryllium	239	250	96	90 - 110	P	03/10/2025	15:51	LB134965
	Cadmium	2420	2500	97	90 - 110	P	03/10/2025	15:51	LB134965
	Calcium	23800	25000	95	90 - 110	P	03/10/2025	15:51	LB134965
	Chromium	983	1000	98	90 - 110	P	03/10/2025	15:51	LB134965
	Cobalt	2440	2500	98	90 - 110	P	03/10/2025	15:51	LB134965
	Copper	1250	1250	100	90 - 110	P	03/10/2025	15:51	LB134965
	Iron	4890	5000	98	90 - 110	P	03/10/2025	15:51	LB134965
	Lead	4850	5000	97	90 - 110	P	03/10/2025	15:51	LB134965
	Magnesium	24000	25000	96	90 - 110	P	03/10/2025	15:51	LB134965
	Manganese	2360	2500	94	90 - 110	P	03/10/2025	15:51	LB134965

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2450	2500	98	90 - 110	P	03/10/2025	15:51	LB134965
	Potassium	25000	25000	100	90 - 110	P	03/10/2025	15:51	LB134965
	Selenium	5020	5000	100	90 - 110	P	03/10/2025	15:51	LB134965
	Silver	1250	1250	100	90 - 110	P	03/10/2025	15:51	LB134965
	Sodium	24100	25000	96	90 - 110	P	03/10/2025	15:51	LB134965
	Thallium	4850	5000	97	90 - 110	P	03/10/2025	15:51	LB134965
	Vanadium	2450	2500	98	90 - 110	P	03/10/2025	15:51	LB134965
	Zinc	2500	2500	100	90 - 110	P	03/10/2025	15:51	LB134965
CCV06	Aluminum	9600	10000	96	90 - 110	P	03/10/2025	16:48	LB134965
	Antimony	5090	5000	102	90 - 110	P	03/10/2025	16:48	LB134965
	Arsenic	4980	5000	100	90 - 110	P	03/10/2025	16:48	LB134965
	Barium	9720	10000	97	90 - 110	P	03/10/2025	16:48	LB134965
	Beryllium	268	250	107	90 - 110	P	03/10/2025	16:48	LB134965
	Cadmium	2410	2500	96	90 - 110	P	03/10/2025	16:48	LB134965
	Calcium	23700	25000	95	90 - 110	P	03/10/2025	16:48	LB134965
	Chromium	977	1000	98	90 - 110	P	03/10/2025	16:48	LB134965
	Cobalt	2430	2500	97	90 - 110	P	03/10/2025	16:48	LB134965
	Copper	1250	1250	100	90 - 110	P	03/10/2025	16:48	LB134965
	Iron	5100	5000	102	90 - 110	P	03/10/2025	16:48	LB134965
	Lead	4830	5000	96	90 - 110	P	03/10/2025	16:48	LB134965
	Magnesium	23600	25000	94	90 - 110	P	03/10/2025	16:48	LB134965
	Manganese	2680	2500	107	90 - 110	P	03/10/2025	16:48	LB134965
	Nickel	2440	2500	97	90 - 110	P	03/10/2025	16:48	LB134965
	Potassium	26100	25000	104	90 - 110	P	03/10/2025	16:48	LB134965
	Selenium	5020	5000	100	90 - 110	P	03/10/2025	16:48	LB134965
	Silver	1240	1250	100	90 - 110	P	03/10/2025	16:48	LB134965
	Sodium	24900	25000	100	90 - 110	P	03/10/2025	16:48	LB134965
	Thallium	4890	5000	98	90 - 110	P	03/10/2025	16:48	LB134965
	Vanadium	2420	2500	97	90 - 110	P	03/10/2025	16:48	LB134965
	Zinc	2500	2500	100	90 - 110	P	03/10/2025	16:48	LB134965
CCV07	Aluminum	9380	10000	94	90 - 110	P	03/10/2025	17:39	LB134965
	Antimony	5010	5000	100	90 - 110	P	03/10/2025	17:39	LB134965
	Arsenic	4890	5000	98	90 - 110	P	03/10/2025	17:39	LB134965
	Barium	9380	10000	94	90 - 110	P	03/10/2025	17:39	LB134965

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	259	250	104	90 - 110	P	03/10/2025	17:39	LB134965
	Cadmium	2350	2500	94	90 - 110	P	03/10/2025	17:39	LB134965
	Calcium	22900	25000	92	90 - 110	P	03/10/2025	17:39	LB134965
	Chromium	942	1000	94	90 - 110	P	03/10/2025	17:39	LB134965
	Cobalt	2370	2500	95	90 - 110	P	03/10/2025	17:39	LB134965
	Copper	1220	1250	98	90 - 110	P	03/10/2025	17:39	LB134965
	Iron	4820	5000	96	90 - 110	P	03/10/2025	17:39	LB134965
	Lead	4710	5000	94	90 - 110	P	03/10/2025	17:39	LB134965
	Magnesium	23000	25000	92	90 - 110	P	03/10/2025	17:39	LB134965
	Manganese	2580	2500	103	90 - 110	P	03/10/2025	17:39	LB134965
	Nickel	2380	2500	95	90 - 110	P	03/10/2025	17:39	LB134965
	Potassium	24600	25000	98	90 - 110	P	03/10/2025	17:39	LB134965
	Selenium	4950	5000	99	90 - 110	P	03/10/2025	17:39	LB134965
	Silver	1190	1250	95	90 - 110	P	03/10/2025	17:39	LB134965
	Sodium	23300	25000	93	90 - 110	P	03/10/2025	17:39	LB134965
	Thallium	4820	5000	96	90 - 110	P	03/10/2025	17:39	LB134965
	Vanadium	2350	2500	94	90 - 110	P	03/10/2025	17:39	LB134965
	Zinc	2410	2500	96	90 - 110	P	03/10/2025	17:39	LB134965
CCV08	Aluminum	9210	10000	92	90 - 110	P	03/10/2025	18:29	LB134965
	Antimony	4880	5000	98	90 - 110	P	03/10/2025	18:29	LB134965
	Arsenic	4780	5000	96	90 - 110	P	03/10/2025	18:29	LB134965
	Barium	9560	10000	96	90 - 110	P	03/10/2025	18:29	LB134965
	Beryllium	259	250	103	90 - 110	P	03/10/2025	18:29	LB134965
	Cadmium	2320	2500	93	90 - 110	P	03/10/2025	18:29	LB134965
	Calcium	22900	25000	92	90 - 110	P	03/10/2025	18:29	LB134965
	Chromium	933	1000	93	90 - 110	P	03/10/2025	18:29	LB134965
	Cobalt	2340	2500	94	90 - 110	P	03/10/2025	18:29	LB134965
	Copper	1200	1250	96	90 - 110	P	03/10/2025	18:29	LB134965
	Iron	4930	5000	99	90 - 110	P	03/10/2025	18:29	LB134965
	Lead	4630	5000	93	90 - 110	P	03/10/2025	18:29	LB134965
	Magnesium	22900	25000	92	90 - 110	P	03/10/2025	18:29	LB134965
	Manganese	2610	2500	104	90 - 110	P	03/10/2025	18:29	LB134965
	Nickel	2350	2500	94	90 - 110	P	03/10/2025	18:29	LB134965
	Potassium	25100	25000	100	90 - 110	P	03/10/2025	18:29	LB134965

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4800	5000	96	90 - 110	P	03/10/2025	18:29	LB134965
	Silver	1200	1250	96	90 - 110	P	03/10/2025	18:29	LB134965
	Sodium	23800	25000	95	90 - 110	P	03/10/2025	18:29	LB134965
	Thallium	4760	5000	95	90 - 110	P	03/10/2025	18:29	LB134965
	Vanadium	2330	2500	93	90 - 110	P	03/10/2025	18:29	LB134965
	Zinc	2410	2500	96	90 - 110	P	03/10/2025	18:29	LB134965
CCV09	Aluminum	9210	10000	92	90 - 110	P	03/10/2025	18:46	LB134965
	Antimony	4910	5000	98	90 - 110	P	03/10/2025	18:46	LB134965
	Arsenic	4800	5000	96	90 - 110	P	03/10/2025	18:46	LB134965
	Barium	9700	10000	97	90 - 110	P	03/10/2025	18:46	LB134965
	Beryllium	253	250	101	90 - 110	P	03/10/2025	18:46	LB134965
	Cadmium	2320	2500	93	90 - 110	P	03/10/2025	18:46	LB134965
	Calcium	22900	25000	92	90 - 110	P	03/10/2025	18:46	LB134965
	Chromium	923	1000	92	90 - 110	P	03/10/2025	18:46	LB134965
	Cobalt	2340	2500	94	90 - 110	P	03/10/2025	18:46	LB134965
	Copper	1210	1250	97	90 - 110	P	03/10/2025	18:46	LB134965
	Iron	4910	5000	98	90 - 110	P	03/10/2025	18:46	LB134965
	Lead	4630	5000	93	90 - 110	P	03/10/2025	18:46	LB134965
	Magnesium	22700	25000	91	90 - 110	P	03/10/2025	18:46	LB134965
	Manganese	2540	2500	102	90 - 110	P	03/10/2025	18:46	LB134965
	Nickel	2350	2500	94	90 - 110	P	03/10/2025	18:46	LB134965
	Potassium	25300	25000	101	90 - 110	P	03/10/2025	18:46	LB134965
	Selenium	4840	5000	97	90 - 110	P	03/10/2025	18:46	LB134965
	Silver	1180	1250	95	90 - 110	P	03/10/2025	18:46	LB134965
	Sodium	24000	25000	96	90 - 110	P	03/10/2025	18:46	LB134965
	Thallium	4750	5000	95	90 - 110	P	03/10/2025	18:46	LB134965
	Vanadium	2340	2500	94	90 - 110	P	03/10/2025	18:46	LB134965
	Zinc	2360	2500	94	90 - 110	P	03/10/2025	18:46	LB134965

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2550	2500	102	95 - 105	P	03/11/2025	10:50	LB134987
	Antimony	1010	1000	101	95 - 105	P	03/11/2025	10:50	LB134987
	Arsenic	1040	1000	104	95 - 105	P	03/11/2025	10:50	LB134987
	Barium	543	520	104	95 - 105	P	03/11/2025	10:50	LB134987
	Beryllium	507	510	99	95 - 105	P	03/11/2025	10:50	LB134987
	Cadmium	511	510	100	95 - 105	P	03/11/2025	10:50	LB134987
	Calcium	10000	10000	100	95 - 105	P	03/11/2025	10:50	LB134987
	Chromium	527	520	101	95 - 105	P	03/11/2025	10:50	LB134987
	Cobalt	520	520	100	95 - 105	P	03/11/2025	10:50	LB134987
	Copper	532	510	104	95 - 105	P	03/11/2025	10:50	LB134987
	Iron	10200	10000	102	95 - 105	P	03/11/2025	10:50	LB134987
	Lead	1020	1000	102	95 - 105	P	03/11/2025	10:50	LB134987
	Magnesium	5970	6000	100	95 - 105	P	03/11/2025	10:50	LB134987
	Manganese	515	520	99	95 - 105	P	03/11/2025	10:50	LB134987
	Nickel	517	530	98	95 - 105	P	03/11/2025	10:50	LB134987
	Potassium	9820	9900	99	95 - 105	P	03/11/2025	10:50	LB134987
	Selenium	1040	1000	104	95 - 105	P	03/11/2025	10:50	LB134987
	Silver	259	250	104	95 - 105	P	03/11/2025	10:50	LB134987
	Sodium	9690	10000	97	95 - 105	P	03/11/2025	10:50	LB134987
	Thallium	1030	1000	103	95 - 105	P	03/11/2025	10:50	LB134987
	Vanadium	524	500	105	95 - 105	P	03/11/2025	10:50	LB134987
	Zinc	1040	1000	104	95 - 105	P	03/11/2025	10:50	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	102	100	102	80 - 120	P	03/11/2025	10:54	LB134987
	Antimony	53.0	50.0	106	80 - 120	P	03/11/2025	10:54	LB134987
	Arsenic	21.2	20.0	106	80 - 120	P	03/11/2025	10:54	LB134987
	Barium	94.6	100	95	80 - 120	P	03/11/2025	10:54	LB134987
	Beryllium	6.23	6.0	104	80 - 120	P	03/11/2025	10:54	LB134987
	Cadmium	5.80	6.0	97	80 - 120	P	03/11/2025	10:54	LB134987
	Calcium	2010	2000	100	80 - 120	P	03/11/2025	10:54	LB134987
	Chromium	10.2	10.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Cobalt	29.3	30.0	98	80 - 120	P	03/11/2025	10:54	LB134987
	Copper	22.1	20.0	110	80 - 120	P	03/11/2025	10:54	LB134987
	Iron	93.9	100	94	80 - 120	P	03/11/2025	10:54	LB134987
	Lead	12.0	12.0	100	80 - 120	P	03/11/2025	10:54	LB134987
	Magnesium	2130	2000	107	80 - 120	P	03/11/2025	10:54	LB134987
	Manganese	21.2	20.0	106	80 - 120	P	03/11/2025	10:54	LB134987
	Nickel	38.4	40.0	96	80 - 120	P	03/11/2025	10:54	LB134987
	Potassium	1780	2000	89	80 - 120	P	03/11/2025	10:54	LB134987
	Selenium	20.5	20.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Silver	10.4	10.0	104	80 - 120	P	03/11/2025	10:54	LB134987
	Sodium	1850	2000	92	80 - 120	P	03/11/2025	10:54	LB134987
	Thallium	40.9	40.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Vanadium	39.7	40.0	99	80 - 120	P	03/11/2025	10:54	LB134987
	Zinc	33.7	40.0	84	80 - 120	P	03/11/2025	10:54	LB134987

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Antimony	5040	5000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Arsenic	5010	5000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Barium	10200	10000	102	90 - 110	P	03/11/2025	11:29	LB134987
	Beryllium	253	250	101	90 - 110	P	03/11/2025	11:29	LB134987
	Cadmium	2520	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Calcium	25200	25000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Chromium	1010	1000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Cobalt	2520	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Copper	1280	1250	102	90 - 110	P	03/11/2025	11:29	LB134987
	Iron	5080	5000	102	90 - 110	P	03/11/2025	11:29	LB134987
	Lead	5030	5000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Magnesium	25200	25000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Manganese	2520	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Nickel	2510	2500	100	90 - 110	P	03/11/2025	11:29	LB134987
	Potassium	25100	25000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Selenium	4990	5000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Silver	1270	1250	101	90 - 110	P	03/11/2025	11:29	LB134987
	Sodium	24700	25000	99	90 - 110	P	03/11/2025	11:29	LB134987
	Thallium	5090	5000	102	90 - 110	P	03/11/2025	11:29	LB134987
	Vanadium	2530	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Zinc	2560	2500	102	90 - 110	P	03/11/2025	11:29	LB134987
CCV02	Aluminum	10300	10000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Antimony	5160	5000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Arsenic	5150	5000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Barium	9970	10000	100	90 - 110	P	03/11/2025	12:19	LB134987
	Beryllium	269	250	108	90 - 110	P	03/11/2025	12:19	LB134987
	Cadmium	2570	2500	103	90 - 110	P	03/11/2025	12:19	LB134987
	Calcium	25300	25000	101	90 - 110	P	03/11/2025	12:19	LB134987
	Chromium	1040	1000	104	90 - 110	P	03/11/2025	12:19	LB134987
	Cobalt	2570	2500	103	90 - 110	P	03/11/2025	12:19	LB134987
	Copper	1300	1250	104	90 - 110	P	03/11/2025	12:19	LB134987
	Iron	4920	5000	98	90 - 110	P	03/11/2025	12:19	LB134987
	Lead	5120	5000	102	90 - 110	P	03/11/2025	12:19	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25400	25000	102	90 - 110	P	03/11/2025	12:19	LB134987
	Manganese	2570	2500	103	90 - 110	P	03/11/2025	12:19	LB134987
	Nickel	2550	2500	102	90 - 110	P	03/11/2025	12:19	LB134987
	Potassium	24500	25000	98	90 - 110	P	03/11/2025	12:19	LB134987
	Selenium	5170	5000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Silver	1300	1250	104	90 - 110	P	03/11/2025	12:19	LB134987
	Sodium	25000	25000	100	90 - 110	P	03/11/2025	12:19	LB134987
	Thallium	5220	5000	104	90 - 110	P	03/11/2025	12:19	LB134987
	Vanadium	2540	2500	102	90 - 110	P	03/11/2025	12:19	LB134987
	Zinc	2620	2500	105	90 - 110	P	03/11/2025	12:19	LB134987
CCV03	Aluminum	9640	10000	96	90 - 110	P	03/11/2025	13:10	LB134987
	Antimony	4890	5000	98	90 - 110	P	03/11/2025	13:10	LB134987
	Arsenic	4860	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Barium	9710	10000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Beryllium	251	250	100	90 - 110	P	03/11/2025	13:10	LB134987
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	13:10	LB134987
	Calcium	23800	25000	95	90 - 110	P	03/11/2025	13:10	LB134987
	Chromium	964	1000	96	90 - 110	P	03/11/2025	13:10	LB134987
	Cobalt	2440	2500	98	90 - 110	P	03/11/2025	13:10	LB134987
	Copper	1250	1250	100	90 - 110	P	03/11/2025	13:10	LB134987
	Iron	4750	5000	95	90 - 110	P	03/11/2025	13:10	LB134987
	Lead	4830	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Magnesium	23800	25000	95	90 - 110	P	03/11/2025	13:10	LB134987
	Manganese	2410	2500	96	90 - 110	P	03/11/2025	13:10	LB134987
	Nickel	2410	2500	96	90 - 110	P	03/11/2025	13:10	LB134987
	Potassium	23700	25000	95	90 - 110	P	03/11/2025	13:10	LB134987
	Selenium	4840	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	13:10	LB134987
	Sodium	23200	25000	93	90 - 110	P	03/11/2025	13:10	LB134987
	Thallium	4890	5000	98	90 - 110	P	03/11/2025	13:10	LB134987
	Vanadium	2420	2500	97	90 - 110	P	03/11/2025	13:10	LB134987
	Zinc	2480	2500	99	90 - 110	P	03/11/2025	13:10	LB134987
CCV04	Aluminum	9730	10000	97	90 - 110	P	03/11/2025	14:08	LB134987
	Antimony	4950	5000	99	90 - 110	P	03/11/2025	14:08	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4940	5000	99	90 - 110	P	03/11/2025	14:08	LB134987
	Barium	10100	10000	101	90 - 110	P	03/11/2025	14:08	LB134987
	Beryllium	248	250	99	90 - 110	P	03/11/2025	14:08	LB134987
	Cadmium	2470	2500	99	90 - 110	P	03/11/2025	14:08	LB134987
	Calcium	24100	25000	96	90 - 110	P	03/11/2025	14:08	LB134987
	Chromium	965	1000	96	90 - 110	P	03/11/2025	14:08	LB134987
	Cobalt	2480	2500	99	90 - 110	P	03/11/2025	14:08	LB134987
	Copper	1260	1250	101	90 - 110	P	03/11/2025	14:08	LB134987
	Iron	4970	5000	100	90 - 110	P	03/11/2025	14:08	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	14:08	LB134987
	Magnesium	24200	25000	97	90 - 110	P	03/11/2025	14:08	LB134987
	Manganese	2450	2500	98	90 - 110	P	03/11/2025	14:08	LB134987
	Nickel	2430	2500	97	90 - 110	P	03/11/2025	14:08	LB134987
	Potassium	24900	25000	100	90 - 110	P	03/11/2025	14:08	LB134987
	Selenium	4920	5000	98	90 - 110	P	03/11/2025	14:08	LB134987
	Silver	1240	1250	100	90 - 110	P	03/11/2025	14:08	LB134987
	Sodium	23900	25000	96	90 - 110	P	03/11/2025	14:08	LB134987
	Thallium	5060	5000	101	90 - 110	P	03/11/2025	14:08	LB134987
	Vanadium	2460	2500	99	90 - 110	P	03/11/2025	14:08	LB134987
	Zinc	2530	2500	101	90 - 110	P	03/11/2025	14:08	LB134987
CCV05	Aluminum	9370	10000	94	90 - 110	P	03/11/2025	15:00	LB134987
	Antimony	4830	5000	97	90 - 110	P	03/11/2025	15:00	LB134987
	Arsenic	4810	5000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Barium	9610	10000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Beryllium	237	250	95	90 - 110	P	03/11/2025	15:00	LB134987
	Cadmium	2400	2500	96	90 - 110	P	03/11/2025	15:00	LB134987
	Calcium	23000	25000	92	90 - 110	P	03/11/2025	15:00	LB134987
	Chromium	934	1000	93	90 - 110	P	03/11/2025	15:00	LB134987
	Cobalt	2420	2500	97	90 - 110	P	03/11/2025	15:00	LB134987
	Copper	1240	1250	99	90 - 110	P	03/11/2025	15:00	LB134987
	Iron	4750	5000	95	90 - 110	P	03/11/2025	15:00	LB134987
	Lead	4760	5000	95	90 - 110	P	03/11/2025	15:00	LB134987
	Magnesium	23200	25000	93	90 - 110	P	03/11/2025	15:00	LB134987
	Manganese	2370	2500	95	90 - 110	P	03/11/2025	15:00	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q1421

Contract: ROYF02 **Lab Code:** CHEM **Case No.:** Q1421 **SAS No.:** Q1421

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2360	2500	94	90 - 110	P	03/11/2025	15:00	LB134987
	Potassium	24000	25000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Selenium	4790	5000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Silver	1190	1250	96	90 - 110	P	03/11/2025	15:00	LB134987
	Sodium	23000	25000	92	90 - 110	P	03/11/2025	15:00	LB134987
	Thallium	4860	5000	97	90 - 110	P	03/11/2025	15:00	LB134987
	Vanadium	2370	2500	95	90 - 110	P	03/11/2025	15:00	LB134987
	Zinc	2430	2500	97	90 - 110	P	03/11/2025	15:00	LB134987
CCV06	Aluminum	9590	10000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Antimony	4830	5000	97	90 - 110	P	03/11/2025	15:50	LB134987
	Arsenic	4820	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Barium	9620	10000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Beryllium	254	250	101	90 - 110	P	03/11/2025	15:50	LB134987
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	15:50	LB134987
	Calcium	23500	25000	94	90 - 110	P	03/11/2025	15:50	LB134987
	Chromium	956	1000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Cobalt	2440	2500	98	90 - 110	P	03/11/2025	15:50	LB134987
	Copper	1240	1250	99	90 - 110	P	03/11/2025	15:50	LB134987
	Iron	4680	5000	94	90 - 110	P	03/11/2025	15:50	LB134987
	Lead	4800	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Magnesium	23700	25000	95	90 - 110	P	03/11/2025	15:50	LB134987
	Manganese	2420	2500	97	90 - 110	P	03/11/2025	15:50	LB134987
	Nickel	2390	2500	95	90 - 110	P	03/11/2025	15:50	LB134987
	Potassium	23500	25000	94	90 - 110	P	03/11/2025	15:50	LB134987
	Selenium	4770	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	15:50	LB134987
	Sodium	22800	25000	91	90 - 110	P	03/11/2025	15:50	LB134987
	Thallium	4880	5000	98	90 - 110	P	03/11/2025	15:50	LB134987
	Vanadium	2410	2500	96	90 - 110	P	03/11/2025	15:50	LB134987
	Zinc	2490	2500	100	90 - 110	P	03/11/2025	15:50	LB134987