

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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
ICV46	Mercury	3.94	4.0	99	90 - 110	CV	03/18/2025	09:55	LB135064

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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
CCV20	Mercury	5.37	5.0	107	90 - 110	CV	03/18/2025	09:59	LB135064
CCV21	Mercury	4.87	5.0	97	90 - 110	CV	03/18/2025	10:35	LB135064
CCV22	Mercury	5.12	5.0	102	90 - 110	CV	03/18/2025	10:54	LB135064



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Client:	<u>Weston Solutions</u>	SDG No.:	<u>Q1569</u>	
Contract:	<u>WEST04</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1569</u> SAS No.: <u>Q1569</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Arsenic	1020	1000	102	90 - 110	P	03/17/2025	14:31	LB135063
	Barium	533	520	102	90 - 110	P	03/17/2025	14:31	LB135063
	Cadmium	504	510	99	90 - 110	P	03/17/2025	14:31	LB135063
	Chromium	529	520	102	90 - 110	P	03/17/2025	14:31	LB135063
	Lead	996	1000	100	90 - 110	P	03/17/2025	14:31	LB135063
	Selenium	1050	1000	105	90 - 110	P	03/17/2025	14:31	LB135063
	Silver	257	250	103	90 - 110	P	03/17/2025	14:31	LB135063



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Client:	<u>Weston Solutions</u>	SDG No.:	<u>Q1569</u>	
Contract:	<u>WEST04</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1569</u> SAS No.: <u>Q1569</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLICV01	Arsenic	19.4	20.0	97	80 - 120	P	03/17/2025	14:38	LB135063
	Barium	93.6	100	94	80 - 120	P	03/17/2025	14:38	LB135063
	Cadmium	5.89	6.0	98	80 - 120	P	03/17/2025	14:38	LB135063
	Chromium	10.3	10.0	103	80 - 120	P	03/17/2025	14:38	LB135063
	Lead	12.3	12.0	103	80 - 120	P	03/17/2025	14:38	LB135063
	Selenium	18.2	20.0	91	80 - 120	P	03/17/2025	14:38	LB135063
	Silver	10.5	10.0	105	80 - 120	P	03/17/2025	14:38	LB135063

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Arsenic	5160	5000	103	90 - 110	P	03/17/2025	15:15	LB135063
	Barium	9740	10000	97	90 - 110	P	03/17/2025	15:15	LB135063
	Cadmium	2510	2500	100	90 - 110	P	03/17/2025	15:15	LB135063
	Chromium	1030	1000	103	90 - 110	P	03/17/2025	15:15	LB135063
	Lead	5080	5000	102	90 - 110	P	03/17/2025	15:15	LB135063
	Selenium	5080	5000	102	90 - 110	P	03/17/2025	15:15	LB135063
	Silver	1310	1250	104	90 - 110	P	03/17/2025	15:15	LB135063
CCV02	Arsenic	5220	5000	104	90 - 110	P	03/17/2025	16:13	LB135063
	Barium	9760	10000	98	90 - 110	P	03/17/2025	16:13	LB135063
	Cadmium	2500	2500	100	90 - 110	P	03/17/2025	16:13	LB135063
	Chromium	1040	1000	104	90 - 110	P	03/17/2025	16:13	LB135063
	Lead	5070	5000	101	90 - 110	P	03/17/2025	16:13	LB135063
	Selenium	5140	5000	103	90 - 110	P	03/17/2025	16:13	LB135063
	Silver	1290	1250	103	90 - 110	P	03/17/2025	16:13	LB135063
CCV03	Arsenic	5320	5000	106	90 - 110	P	03/17/2025	17:05	LB135063
	Barium	9780	10000	98	90 - 110	P	03/17/2025	17:05	LB135063
	Cadmium	2570	2500	103	90 - 110	P	03/17/2025	17:05	LB135063
	Chromium	1090	1000	109	90 - 110	P	03/17/2025	17:05	LB135063
	Lead	5200	5000	104	90 - 110	P	03/17/2025	17:05	LB135063
	Selenium	5220	5000	104	90 - 110	P	03/17/2025	17:05	LB135063
	Silver	1330	1250	106	90 - 110	P	03/17/2025	17:05	LB135063
CCV04	Arsenic	5020	5000	100	90 - 110	P	03/17/2025	17:51	LB135063
	Barium	9270	10000	93	90 - 110	P	03/17/2025	17:51	LB135063
	Cadmium	2390	2500	96	90 - 110	P	03/17/2025	17:51	LB135063
	Chromium	1010	1000	101	90 - 110	P	03/17/2025	17:51	LB135063
	Lead	4870	5000	97	90 - 110	P	03/17/2025	17:51	LB135063
	Selenium	4900	5000	98	90 - 110	P	03/17/2025	17:51	LB135063
	Silver	1240	1250	100	90 - 110	P	03/17/2025	17:51	LB135063
CCV05	Arsenic	5050	5000	101	90 - 110	P	03/17/2025	18:18	LB135063
	Barium	9500	10000	95	90 - 110	P	03/17/2025	18:18	LB135063
	Cadmium	2390	2500	96	90 - 110	P	03/17/2025	18:18	LB135063
	Chromium	1020	1000	102	90 - 110	P	03/17/2025	18:18	LB135063
	Lead	4870	5000	97	90 - 110	P	03/17/2025	18:18	LB135063
	Selenium	4960	5000	99	90 - 110	P	03/17/2025	18:18	LB135063

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Silver	1260	1250	101	90 - 110	P	03/17/2025	18:18	LB135063



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Client:	<u>Weston Solutions</u>	SDG No.:	<u>Q1569</u>	
Contract:	<u>WEST04</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1569</u> SAS No.: <u>Q1569</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
ICV01	Arsenic	1020	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Barium	540	520	104	90 - 110	P	03/18/2025	10:36	LB135083
	Cadmium	510	510	100	90 - 110	P	03/18/2025	10:36	LB135083
	Chromium	537	520	103	90 - 110	P	03/18/2025	10:36	LB135083
	Lead	1010	1000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Selenium	1050	1000	105	90 - 110	P	03/18/2025	10:36	LB135083
	Silver	260	250	104	90 - 110	P	03/18/2025	10:36	LB135083



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Client:	<u>Weston Solutions</u>	SDG No.:	<u>Q1569</u>	
Contract:	<u>WEST04</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1569</u> SAS No.: <u>Q1569</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLICV01	Arsenic	21.9	20.0	110	80 - 120	P	03/18/2025	10:41	LB135083
	Barium	95.4	100	95	80 - 120	P	03/18/2025	10:41	LB135083
	Cadmium	5.91	6.0	98	80 - 120	P	03/18/2025	10:41	LB135083
	Chromium	10.9	10.0	109	80 - 120	P	03/18/2025	10:41	LB135083
	Lead	10.9	12.0	91	80 - 120	P	03/18/2025	10:41	LB135083
	Selenium	18.4	20.0	92	80 - 120	P	03/18/2025	10:41	LB135083
	Silver	10.1	10.0	101	80 - 120	P	03/18/2025	10:41	LB135083

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569

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	Arsenic	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Barium	9530	10000	95	90 - 110	P	03/18/2025	11:09	LB135083
	Cadmium	2470	2500	99	90 - 110	P	03/18/2025	11:09	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	11:09	LB135083
	Lead	4990	5000	100	90 - 110	P	03/18/2025	11:09	LB135083
	Selenium	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Silver	1260	1250	101	90 - 110	P	03/18/2025	11:09	LB135083
CCV02	Arsenic	4890	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Barium	9170	10000	92	90 - 110	P	03/18/2025	12:08	LB135083
	Cadmium	2410	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	12:08	LB135083
	Lead	4880	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Selenium	4860	5000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	12:08	LB135083
CCV03	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Barium	9800	10000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Cadmium	2400	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	13:07	LB135083
	Lead	4850	5000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Selenium	4910	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	13:07	LB135083
CCV04	Arsenic	4770	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Barium	9510	10000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Cadmium	2310	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Chromium	981	1000	98	90 - 110	P	03/18/2025	14:07	LB135083
	Lead	4660	5000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Selenium	4760	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Silver	1190	1250	95	90 - 110	P	03/18/2025	14:07	LB135083
CCV05	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Barium	10800	10000	108	90 - 110	P	03/18/2025	14:49	LB135083
	Cadmium	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Chromium	1000	1000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Lead	4790	5000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Selenium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Silver	1230	1250	99	90 - 110	P	03/18/2025	14:49	LB135083

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Arsenic	989	1000	99	90 - 110	P	03/25/2025	10:03	LB135182
	Barium	493	520	95	90 - 110	P	03/25/2025	10:03	LB135182
	Cadmium	494	510	97	90 - 110	P	03/25/2025	10:03	LB135182
	Chromium	518	520	100	90 - 110	P	03/25/2025	10:03	LB135182
	Lead	975	1000	98	90 - 110	P	03/25/2025	10:03	LB135182
	Selenium	1020	1000	102	90 - 110	P	03/25/2025	10:03	LB135182
	Silver	253	250	101	90 - 110	P	03/25/2025	10:03	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Arsenic	18.5	20.0	93	80 - 120	P	03/25/2025	10:14	LB135182
	Barium	91.1	100	91	80 - 120	P	03/25/2025	10:14	LB135182
	Cadmium	5.74	6.0	96	80 - 120	P	03/25/2025	10:14	LB135182
	Chromium	9.50	10.0	95	80 - 120	P	03/25/2025	10:14	LB135182
	Lead	11.2	12.0	93	80 - 120	P	03/25/2025	10:14	LB135182
	Selenium	21.7	20.0	108	80 - 120	P	03/25/2025	10:14	LB135182
	Silver	10.9	10.0	109	80 - 120	P	03/25/2025	10:14	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Arsenic	5140	5000	103	90 - 110	P	03/25/2025	10:35	LB135182
	Barium	9690	10000	97	90 - 110	P	03/25/2025	10:35	LB135182
	Cadmium	2470	2500	99	90 - 110	P	03/25/2025	10:35	LB135182
	Chromium	1010	1000	101	90 - 110	P	03/25/2025	10:35	LB135182
	Lead	4980	5000	100	90 - 110	P	03/25/2025	10:35	LB135182
	Selenium	5200	5000	104	90 - 110	P	03/25/2025	10:35	LB135182
	Silver	1260	1250	101	90 - 110	P	03/25/2025	10:35	LB135182
CCV02	Arsenic	4950	5000	99	90 - 110	P	03/25/2025	11:27	LB135182
	Barium	9380	10000	94	90 - 110	P	03/25/2025	11:27	LB135182
	Cadmium	2390	2500	96	90 - 110	P	03/25/2025	11:27	LB135182
	Chromium	987	1000	99	90 - 110	P	03/25/2025	11:27	LB135182
	Lead	4810	5000	96	90 - 110	P	03/25/2025	11:27	LB135182
	Selenium	4980	5000	100	90 - 110	P	03/25/2025	11:27	LB135182
	Silver	1230	1250	99	90 - 110	P	03/25/2025	11:27	LB135182
CCV03	Arsenic	5010	5000	100	90 - 110	P	03/25/2025	12:29	LB135182
	Barium	9540	10000	95	90 - 110	P	03/25/2025	12:29	LB135182
	Cadmium	2390	2500	96	90 - 110	P	03/25/2025	12:29	LB135182
	Chromium	989	1000	99	90 - 110	P	03/25/2025	12:29	LB135182
	Lead	4830	5000	97	90 - 110	P	03/25/2025	12:29	LB135182
	Selenium	5070	5000	101	90 - 110	P	03/25/2025	12:29	LB135182
	Silver	1240	1250	99	90 - 110	P	03/25/2025	12:29	LB135182
CCV04	Arsenic	5180	5000	104	90 - 110	P	03/25/2025	13:33	LB135182
	Barium	9950	10000	100	90 - 110	P	03/25/2025	13:33	LB135182
	Cadmium	2450	2500	98	90 - 110	P	03/25/2025	13:33	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	13:33	LB135182
	Lead	4940	5000	99	90 - 110	P	03/25/2025	13:33	LB135182
	Selenium	5260	5000	105	90 - 110	P	03/25/2025	13:33	LB135182
	Silver	1270	1250	102	90 - 110	P	03/25/2025	13:33	LB135182
CCV05	Arsenic	5180	5000	104	90 - 110	P	03/25/2025	14:38	LB135182
	Barium	9740	10000	97	90 - 110	P	03/25/2025	14:38	LB135182
	Cadmium	2420	2500	97	90 - 110	P	03/25/2025	14:38	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	14:38	LB135182
	Lead	4900	5000	98	90 - 110	P	03/25/2025	14:38	LB135182
	Selenium	5260	5000	105	90 - 110	P	03/25/2025	14:38	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1569
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569
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	Silver	1260	1250	101	90 - 110	P	03/25/2025	14:38	LB135182
CCV06	Arsenic	5190	5000	104	90 - 110	P	03/25/2025	15:46	LB135182
	Barium	9910	10000	99	90 - 110	P	03/25/2025	15:46	LB135182
	Cadmium	2440	2500	98	90 - 110	P	03/25/2025	15:46	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	15:46	LB135182
	Lead	4930	5000	98	90 - 110	P	03/25/2025	15:46	LB135182
	Selenium	5270	5000	105	90 - 110	P	03/25/2025	15:46	LB135182
	Silver	1260	1250	101	90 - 110	P	03/25/2025	15:46	LB135182
CCV07	Arsenic	4970	5000	99	90 - 110	P	03/25/2025	16:40	LB135182
	Barium	9510	10000	95	90 - 110	P	03/25/2025	16:40	LB135182
	Cadmium	2380	2500	95	90 - 110	P	03/25/2025	16:40	LB135182
	Chromium	972	1000	97	90 - 110	P	03/25/2025	16:40	LB135182
	Lead	4770	5000	96	90 - 110	P	03/25/2025	16:40	LB135182
	Selenium	5020	5000	100	90 - 110	P	03/25/2025	16:40	LB135182
	Silver	1220	1250	98	90 - 110	P	03/25/2025	16:40	LB135182
CCV08	Arsenic	5000	5000	100	90 - 110	P	03/25/2025	17:01	LB135182
	Barium	9410	10000	94	90 - 110	P	03/25/2025	17:01	LB135182
	Cadmium	2410	2500	96	90 - 110	P	03/25/2025	17:01	LB135182
	Chromium	994	1000	99	90 - 110	P	03/25/2025	17:01	LB135182
	Lead	4840	5000	97	90 - 110	P	03/25/2025	17:01	LB135182
	Selenium	5050	5000	101	90 - 110	P	03/25/2025	17:01	LB135182
	Silver	1240	1250	99	90 - 110	P	03/25/2025	17:01	LB135182