

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** P5117
Contract: WEST04 **Lab Code:** CHEM **Case No.:** P5117 **SAS No.:** P5117
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
ICV13	Mercury	3.87	4.0	97	90 - 110	CV	12/09/2024	11:46	LB133829

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- 2a -

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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
CCV05	Mercury	4.58	5.0	92	90 - 110	CV	12/09/2024	11:50	LB133829
CCV06	Mercury	4.88	5.0	98	90 - 110	CV	12/09/2024	12:25	LB133829
CCV07	Mercury	4.97	5.0	99	90 - 110	CV	12/09/2024	12:53	LB133829
CCV08	Mercury	4.73	5.0	95	90 - 110	CV	12/09/2024	13:37	LB133829
CCV09	Mercury	5.03	5.0	100	90 - 110	CV	12/09/2024	15:27	LB133829
CCV10	Mercury	5.23	5.0	105	90 - 110	CV	12/09/2024	15:39	LB133829

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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	955	1000	96	95 - 105	P	12/09/2024	11:35	LB133834
	Barium	508	520	98	95 - 105	P	12/09/2024	11:35	LB133834
	Cadmium	494	510	97	95 - 105	P	12/09/2024	11:35	LB133834
	Chromium	517	520	99	95 - 105	P	12/09/2024	11:35	LB133834
	Lead	971	1000	97	95 - 105	P	12/09/2024	11:35	LB133834
	Selenium	975	1000	98	95 - 105	P	12/09/2024	11:35	LB133834
	Silver	248	250	99	95 - 105	P	12/09/2024	11:35	LB133834

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	18.7	20.0	94	80 - 120	P	12/09/2024	11:49	LB133834
	Barium	99.3	100	99	80 - 120	P	12/09/2024	11:49	LB133834
	Cadmium	5.91	6.0	98	80 - 120	P	12/09/2024	11:49	LB133834
	Chromium	11.3	10.0	113	80 - 120	P	12/09/2024	11:49	LB133834
	Lead	12.3	12.0	102	80 - 120	P	12/09/2024	11:49	LB133834
	Selenium	21.1	20.0	106	80 - 120	P	12/09/2024	11:49	LB133834
	Silver	9.94	10.0	99	80 - 120	P	12/09/2024	11:49	LB133834

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4840	5000	97	90 - 110	P	12/09/2024	12:29	LB133834
	Barium	9640	10000	96	90 - 110	P	12/09/2024	12:29	LB133834
	Cadmium	2430	2500	97	90 - 110	P	12/09/2024	12:29	LB133834
	Chromium	993	1000	99	90 - 110	P	12/09/2024	12:29	LB133834
	Lead	4850	5000	97	90 - 110	P	12/09/2024	12:29	LB133834
	Selenium	4880	5000	98	90 - 110	P	12/09/2024	12:29	LB133834
	Silver	1230	1250	98	90 - 110	P	12/09/2024	12:29	LB133834
CCV02	Arsenic	5090	5000	102	90 - 110	P	12/09/2024	13:30	LB133834
	Barium	9940	10000	99	90 - 110	P	12/09/2024	13:30	LB133834
	Cadmium	2430	2500	97	90 - 110	P	12/09/2024	13:30	LB133834
	Chromium	984	1000	98	90 - 110	P	12/09/2024	13:30	LB133834
	Lead	4850	5000	97	90 - 110	P	12/09/2024	13:30	LB133834
	Selenium	5240	5000	105	90 - 110	P	12/09/2024	13:30	LB133834
	Silver	1240	1250	100	90 - 110	P	12/09/2024	13:30	LB133834
CCV03	Arsenic	4930	5000	99	90 - 110	P	12/09/2024	14:23	LB133834
	Barium	9920	10000	99	90 - 110	P	12/09/2024	14:23	LB133834
	Cadmium	2420	2500	97	90 - 110	P	12/09/2024	14:23	LB133834
	Chromium	967	1000	97	90 - 110	P	12/09/2024	14:23	LB133834
	Lead	4790	5000	96	90 - 110	P	12/09/2024	14:23	LB133834
	Selenium	5010	5000	100	90 - 110	P	12/09/2024	14:23	LB133834
	Silver	1220	1250	98	90 - 110	P	12/09/2024	14:23	LB133834
CCV04	Arsenic	4850	5000	97	90 - 110	P	12/09/2024	15:13	LB133834
	Barium	9630	10000	96	90 - 110	P	12/09/2024	15:13	LB133834
	Cadmium	2370	2500	95	90 - 110	P	12/09/2024	15:13	LB133834
	Chromium	952	1000	95	90 - 110	P	12/09/2024	15:13	LB133834
	Lead	4720	5000	94	90 - 110	P	12/09/2024	15:13	LB133834
	Selenium	4940	5000	99	90 - 110	P	12/09/2024	15:13	LB133834
	Silver	1200	1250	96	90 - 110	P	12/09/2024	15:13	LB133834
CCV05	Arsenic	4810	5000	96	90 - 110	P	12/09/2024	15:52	LB133834
	Barium	9700	10000	97	90 - 110	P	12/09/2024	15:52	LB133834
	Cadmium	2320	2500	93	90 - 110	P	12/09/2024	15:52	LB133834
	Chromium	925	1000	92	90 - 110	P	12/09/2024	15:52	LB133834
	Lead	4610	5000	92	90 - 110	P	12/09/2024	15:52	LB133834
	Selenium	4900	5000	98	90 - 110	P	12/09/2024	15:52	LB133834

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CCV05	Silver	1180	1250	94	90 - 110	P	12/09/2024	15:52	LB133834
