

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc. **SDG No.:** Q2320
Contract: FIRS02 **Lab Code:** CHEM **Case No.:** Q2320 **SAS No.:** Q2320
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
ICV43	Mercury	3.75	4.0	94	90 - 110	CV	06/18/2025	10:37	LB136181

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Client: First Environment, Inc. **SDG No.:** Q2320
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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
CCV57	Mercury	4.55	5.0	91	90 - 110	CV	06/18/2025	10:42	LB136181
CCV58	Mercury	5.39	5.0	108	90 - 110	CV	06/18/2025	11:21	LB136181
CCV59	Mercury	4.71	5.0	94	90 - 110	CV	06/18/2025	11:57	LB136181
CCV60	Mercury	5.20	5.0	104	90 - 110	CV	06/18/2025	12:26	LB136181
CCV61	Mercury	5.01	5.0	100	90 - 110	CV	06/18/2025	12:49	LB136181

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Client: First Environment, Inc. **SDG No.:** Q2320
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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	3790	4000	95	90 - 110	P	06/19/2025	14:45	LB136210
	Barium	7870	8000	98	90 - 110	P	06/19/2025	14:45	LB136210
	Cadmium	1940	2000	97	90 - 110	P	06/19/2025	14:45	LB136210
	Chromium	809	800	101	90 - 110	P	06/19/2025	14:45	LB136210
	Lead	3830	4000	96	90 - 110	P	06/19/2025	14:45	LB136210
	Selenium	4020	4000	100	90 - 110	P	06/19/2025	14:45	LB136210
	Silver	949	1000	95	90 - 110	P	06/19/2025	14:45	LB136210



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Client:	<u>First Environment, Inc.</u>	SDG No.:	<u>Q2320</u>	
Contract:	<u>FIRS02</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q2320</u> SAS No.: <u>Q2320</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	17.7	20.0	88	80 - 120	P	06/19/2025	14:57	LB136210
	Barium	97.3	100	97	80 - 120	P	06/19/2025	14:57	LB136210
	Cadmium	5.53	6.0	92	80 - 120	P	06/19/2025	14:57	LB136210
	Chromium	9.21	10.0	92	80 - 120	P	06/19/2025	14:57	LB136210
	Lead	10.8	12.0	90	80 - 120	P	06/19/2025	14:57	LB136210
	Selenium	21.8	20.0	109	80 - 120	P	06/19/2025	14:57	LB136210
	Silver	9.40	10.0	94	80 - 120	P	06/19/2025	14:57	LB136210

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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
CCV01	Arsenic	4860	5000	97	90 - 110	P	06/19/2025	15:33	LB136210
	Barium	10000	10000	100	90 - 110	P	06/19/2025	15:33	LB136210
	Cadmium	2470	2500	99	90 - 110	P	06/19/2025	15:33	LB136210
	Chromium	1000	1000	100	90 - 110	P	06/19/2025	15:33	LB136210
	Lead	4880	5000	98	90 - 110	P	06/19/2025	15:33	LB136210
	Selenium	4990	5000	100	90 - 110	P	06/19/2025	15:33	LB136210
	Silver	1250	1250	100	90 - 110	P	06/19/2025	15:33	LB136210
CCV02	Arsenic	4870	5000	98	90 - 110	P	06/19/2025	16:31	LB136210
	Barium	10700	10000	107	90 - 110	P	06/19/2025	16:31	LB136210
	Cadmium	2480	2500	99	90 - 110	P	06/19/2025	16:31	LB136210
	Chromium	1020	1000	102	90 - 110	P	06/19/2025	16:31	LB136210
	Lead	4910	5000	98	90 - 110	P	06/19/2025	16:31	LB136210
	Selenium	5020	5000	100	90 - 110	P	06/19/2025	16:31	LB136210
	Silver	1280	1250	102	90 - 110	P	06/19/2025	16:31	LB136210
CCV03	Arsenic	5010	5000	100	90 - 110	P	06/19/2025	16:44	LB136210
	Barium	10300	10000	103	90 - 110	P	06/19/2025	16:44	LB136210
	Cadmium	2540	2500	102	90 - 110	P	06/19/2025	16:44	LB136210
	Chromium	1030	1000	103	90 - 110	P	06/19/2025	16:44	LB136210
	Lead	5040	5000	101	90 - 110	P	06/19/2025	16:44	LB136210
	Selenium	5160	5000	103	90 - 110	P	06/19/2025	16:44	LB136210
	Silver	1280	1250	103	90 - 110	P	06/19/2025	16:44	LB136210
CCV04	Arsenic	4860	5000	97	90 - 110	P	06/19/2025	17:32	LB136210
	Barium	9970	10000	100	90 - 110	P	06/19/2025	17:32	LB136210
	Cadmium	2460	2500	98	90 - 110	P	06/19/2025	17:32	LB136210
	Chromium	997	1000	100	90 - 110	P	06/19/2025	17:32	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	17:32	LB136210
	Selenium	5010	5000	100	90 - 110	P	06/19/2025	17:32	LB136210
	Silver	1240	1250	100	90 - 110	P	06/19/2025	17:32	LB136210
CCV05	Arsenic	4900	5000	98	90 - 110	P	06/19/2025	18:25	LB136210
	Barium	10100	10000	101	90 - 110	P	06/19/2025	18:25	LB136210
	Cadmium	2470	2500	99	90 - 110	P	06/19/2025	18:25	LB136210
	Chromium	1010	1000	101	90 - 110	P	06/19/2025	18:25	LB136210
	Lead	4920	5000	98	90 - 110	P	06/19/2025	18:25	LB136210
	Selenium	5040	5000	101	90 - 110	P	06/19/2025	18:25	LB136210

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CCV05	Silver	1250	1250	100	90 - 110	P	06/19/2025	18:25	LB136210
CCV06	Arsenic	4860	5000	97	90 - 110	P	06/19/2025	19:19	LB136210
	Barium	10200	10000	102	90 - 110	P	06/19/2025	19:19	LB136210
	Cadmium	2440	2500	98	90 - 110	P	06/19/2025	19:19	LB136210
	Chromium	1000	1000	100	90 - 110	P	06/19/2025	19:19	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	19:19	LB136210
	Selenium	5000	5000	100	90 - 110	P	06/19/2025	19:19	LB136210
	Silver	1240	1250	100	90 - 110	P	06/19/2025	19:19	LB136210
CCV07	Arsenic	4860	5000	97	90 - 110	P	06/19/2025	19:53	LB136210
	Barium	10200	10000	102	90 - 110	P	06/19/2025	19:53	LB136210
	Cadmium	2430	2500	97	90 - 110	P	06/19/2025	19:53	LB136210
	Chromium	1000	1000	100	90 - 110	P	06/19/2025	19:53	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	19:53	LB136210
	Selenium	4990	5000	100	90 - 110	P	06/19/2025	19:53	LB136210
	Silver	1250	1250	100	90 - 110	P	06/19/2025	19:53	LB136210