

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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
ICV29	Mercury	3.69	4.0	92	90 - 110	CV	06/06/2025	10:03	LB136036

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Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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
CCV08	Mercury	4.74	5.0	95	90 - 110	CV	06/06/2025	10:07	LB136036
CCV09	Mercury	4.88	5.0	98	90 - 110	CV	06/06/2025	10:37	LB136036
CCV10	Mercury	4.71	5.0	94	90 - 110	CV	06/06/2025	11:04	LB136036
CCV11	Mercury	4.55	5.0	91	90 - 110	CV	06/06/2025	11:41	LB136036
CCV12	Mercury	4.77	5.0	96	90 - 110	CV	06/06/2025	12:06	LB136036
CCV13	Mercury	5.10	5.0	102	90 - 110	CV	06/06/2025	12:33	LB136036

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Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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	1010	1000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Barium	507	520	98	90 - 110	P	06/06/2025	13:16	LB136052
	Cadmium	502	510	98	90 - 110	P	06/06/2025	13:16	LB136052
	Chromium	522	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Lead	980	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Selenium	998	1000	100	90 - 110	P	06/06/2025	13:16	LB136052
	Silver	243	250	97	90 - 110	P	06/06/2025	13:16	LB136052

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Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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	21.6	20.0	108	80 - 120	P	06/06/2025	13:29	LB136052
	Barium	92.0	100	92	80 - 120	P	06/06/2025	13:29	LB136052
	Cadmium	6.02	6.0	100	80 - 120	P	06/06/2025	13:29	LB136052
	Chromium	9.45	10.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Lead	13.9	12.0	116	80 - 120	P	06/06/2025	13:29	LB136052
	Selenium	22.5	20.0	112	80 - 120	P	06/06/2025	13:29	LB136052
	Silver	9.79	10.0	98	80 - 120	P	06/06/2025	13:29	LB136052

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Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Barium	9720	10000	97	90 - 110	P	06/06/2025	14:05	LB136052
	Cadmium	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Chromium	995	1000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Lead	4910	5000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Selenium	5120	5000	102	90 - 110	P	06/06/2025	14:05	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	14:05	LB136052
CCV02	Arsenic	5110	5000	102	90 - 110	P	06/06/2025	14:56	LB136052
	Barium	9740	10000	97	90 - 110	P	06/06/2025	14:56	LB136052
	Cadmium	2470	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Lead	4960	5000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Selenium	5170	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Silver	1250	1250	100	90 - 110	P	06/06/2025	14:56	LB136052
CCV03	Arsenic	5150	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Barium	9690	10000	97	90 - 110	P	06/06/2025	15:50	LB136052
	Cadmium	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Chromium	998	1000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Lead	5000	5000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Selenium	5210	5000	104	90 - 110	P	06/06/2025	15:50	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	15:50	LB136052
CCV04	Arsenic	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Barium	9750	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Cadmium	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	16:46	LB136052
	Lead	4890	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Selenium	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Silver	1230	1250	98	90 - 110	P	06/06/2025	16:46	LB136052
CCV05	Arsenic	4930	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Barium	9480	10000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Cadmium	2390	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Chromium	977	1000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Lead	4810	5000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Selenium	5010	5000	100	90 - 110	P	06/06/2025	17:40	LB136052

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Client: Portal Partners Tri-Venture **SDG No.:** Q2198

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	06/06/2025	17:40	LB136052
CCV06	Arsenic	4390	5000	88	90 - 110	P	06/07/2025	03:03	LB136052
	Barium	9840	10000	98	90 - 110	P	06/07/2025	03:03	LB136052
	Cadmium	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Chromium	907	1000	91	90 - 110	P	06/07/2025	03:03	LB136052
	Lead	4580	5000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Selenium	4340	5000	87	90 - 110	P	06/07/2025	03:03	LB136052
	Silver	1120	1250	90	90 - 110	P	06/07/2025	03:03	LB136052
CCV07	Arsenic	4400	5000	88	90 - 110	P	06/07/2025	03:40	LB136052
	Barium	10300	10000	103	90 - 110	P	06/07/2025	03:40	LB136052
	Cadmium	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Chromium	951	1000	95	90 - 110	P	06/07/2025	03:40	LB136052
	Lead	4630	5000	92	90 - 110	P	06/07/2025	03:40	LB136052
	Selenium	4350	5000	87	90 - 110	P	06/07/2025	03:40	LB136052
	Silver	1180	1250	95	90 - 110	P	06/07/2025	03:40	LB136052

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Client: Portal Partners Tri-Venture **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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	964	1000	96	90 - 110	P	06/09/2025	12:31	LB136071
	Barium	477	520	92	90 - 110	P	06/09/2025	12:31	LB136071
	Cadmium	472	510	93	90 - 110	P	06/09/2025	12:31	LB136071
	Chromium	504	520	97	90 - 110	P	06/09/2025	12:31	LB136071
	Lead	927	1000	93	90 - 110	P	06/09/2025	12:31	LB136071
	Selenium	947	1000	95	90 - 110	P	06/09/2025	12:31	LB136071
	Silver	256	250	102	90 - 110	P	06/09/2025	12:31	LB136071



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Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2198</u>	
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q2198</u> SAS No.: <u>Q2198</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	18.9	20.0	95	80 - 120	P	06/09/2025	12:36	LB136071
	Barium	93.5	100	94	80 - 120	P	06/09/2025	12:36	LB136071
	Cadmium	5.83	6.0	97	80 - 120	P	06/09/2025	12:36	LB136071
	Chromium	9.51	10.0	95	80 - 120	P	06/09/2025	12:36	LB136071
	Lead	13.3	12.0	111	80 - 120	P	06/09/2025	12:36	LB136071
	Selenium	17.9	20.0	89	80 - 120	P	06/09/2025	12:36	LB136071
	Silver	9.82	10.0	98	80 - 120	P	06/09/2025	12:36	LB136071

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Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198

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	5000	5000	100	90 - 110	P	06/09/2025	13:06	LB136071
	Barium	9520	10000	95	90 - 110	P	06/09/2025	13:06	LB136071
	Cadmium	2440	2500	98	90 - 110	P	06/09/2025	13:06	LB136071
	Chromium	997	1000	100	90 - 110	P	06/09/2025	13:06	LB136071
	Lead	4900	5000	98	90 - 110	P	06/09/2025	13:06	LB136071
	Selenium	5060	5000	101	90 - 110	P	06/09/2025	13:06	LB136071
	Silver	1250	1250	100	90 - 110	P	06/09/2025	13:06	LB136071
CCV02	Arsenic	4990	5000	100	90 - 110	P	06/09/2025	13:53	LB136071
	Barium	9530	10000	95	90 - 110	P	06/09/2025	13:53	LB136071
	Cadmium	2440	2500	98	90 - 110	P	06/09/2025	13:53	LB136071
	Chromium	987	1000	99	90 - 110	P	06/09/2025	13:53	LB136071
	Lead	4900	5000	98	90 - 110	P	06/09/2025	13:53	LB136071
	Selenium	5060	5000	101	90 - 110	P	06/09/2025	13:53	LB136071
	Silver	1230	1250	99	90 - 110	P	06/09/2025	13:53	LB136071
CCV03	Arsenic	4930	5000	98	90 - 110	P	06/09/2025	14:39	LB136071
	Barium	9250	10000	92	90 - 110	P	06/09/2025	14:39	LB136071
	Cadmium	2390	2500	96	90 - 110	P	06/09/2025	14:39	LB136071
	Chromium	958	1000	96	90 - 110	P	06/09/2025	14:39	LB136071
	Lead	4800	5000	96	90 - 110	P	06/09/2025	14:39	LB136071
	Selenium	5010	5000	100	90 - 110	P	06/09/2025	14:39	LB136071
	Silver	1200	1250	96	90 - 110	P	06/09/2025	14:39	LB136071
CCV04	Arsenic	4800	5000	96	90 - 110	P	06/09/2025	15:34	LB136071
	Barium	9450	10000	94	90 - 110	P	06/09/2025	15:34	LB136071
	Cadmium	2330	2500	93	90 - 110	P	06/09/2025	15:34	LB136071
	Chromium	961	1000	96	90 - 110	P	06/09/2025	15:34	LB136071
	Lead	4700	5000	94	90 - 110	P	06/09/2025	15:34	LB136071
	Selenium	4870	5000	97	90 - 110	P	06/09/2025	15:34	LB136071
	Silver	1210	1250	97	90 - 110	P	06/09/2025	15:34	LB136071
CCV05	Arsenic	4780	5000	96	90 - 110	P	06/09/2025	16:23	LB136071
	Barium	9510	10000	95	90 - 110	P	06/09/2025	16:23	LB136071
	Cadmium	2350	2500	94	90 - 110	P	06/09/2025	16:23	LB136071
	Chromium	953	1000	95	90 - 110	P	06/09/2025	16:23	LB136071
	Lead	4730	5000	95	90 - 110	P	06/09/2025	16:23	LB136071
	Selenium	4840	5000	97	90 - 110	P	06/09/2025	16:23	LB136071

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Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
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	1190	1250	95	90 - 110	P	06/09/2025	16:23	LB136071
