

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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
ICV38	Mercury	3.65	4.0	91	90 - 110	CV	03/12/2025	11:00	LB134996

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Client: ENTACT **SDG No.:** Q1523
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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
CCV86	Mercury	4.85	5.0	97	90 - 110	CV	03/12/2025	11:10	LB134996
CCV87	Mercury	4.80	5.0	96	90 - 110	CV	03/12/2025	11:43	LB134996
CCV88	Mercury	4.78	5.0	96	90 - 110	CV	03/12/2025	12:54	LB134996
CCV89	Mercury	4.87	5.0	97	90 - 110	CV	03/12/2025	13:17	LB134996
CCV90	Mercury	5.23	5.0	105	90 - 110	CV	03/12/2025	13:46	LB134996

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Client: ENTACT SDG No.: Q1523
Contract: ENTA05 Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523
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	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
	Cadmium	511	510	100	95 - 105	P	03/11/2025	10:50	LB134987
	Chromium	527	520	101	95 - 105	P	03/11/2025	10:50	LB134987
	Lead	1020	1000	102	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

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Initial Calibration Source: EPA
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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	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
	Cadmium	5.80	6.0	97	80 - 120	P	03/11/2025	10:54	LB134987
	Chromium	10.2	10.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Lead	12.0	12.0	100	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

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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	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
	Cadmium	2520	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Chromium	1010	1000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Lead	5030	5000	101	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
CCV02	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
	Cadmium	2570	2500	103	90 - 110	P	03/11/2025	12:19	LB134987
	Chromium	1040	1000	104	90 - 110	P	03/11/2025	12:19	LB134987
	Lead	5120	5000	102	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
CCV03	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
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	13:10	LB134987
	Chromium	964	1000	96	90 - 110	P	03/11/2025	13:10	LB134987
	Lead	4830	5000	97	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
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
	Cadmium	2470	2500	99	90 - 110	P	03/11/2025	14:08	LB134987
	Chromium	965	1000	96	90 - 110	P	03/11/2025	14:08	LB134987
	Lead	4880	5000	98	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
CCV05	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
	Cadmium	2400	2500	96	90 - 110	P	03/11/2025	15:00	LB134987
	Chromium	934	1000	93	90 - 110	P	03/11/2025	15:00	LB134987
	Lead	4760	5000	95	90 - 110	P	03/11/2025	15:00	LB134987
	Selenium	4790	5000	96	90 - 110	P	03/11/2025	15:00	LB134987

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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
CCV05	Silver	1190	1250	96	90 - 110	P	03/11/2025	15:00	LB134987
CCV06	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
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	15:50	LB134987
	Chromium	956	1000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Lead	4800	5000	96	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
CCV07	Arsenic	4920	5000	98	90 - 110	P	03/11/2025	16:42	LB134987
	Barium	9730	10000	97	90 - 110	P	03/11/2025	16:42	LB134987
	Cadmium	2460	2500	98	90 - 110	P	03/11/2025	16:42	LB134987
	Chromium	956	1000	96	90 - 110	P	03/11/2025	16:42	LB134987
	Lead	4850	5000	97	90 - 110	P	03/11/2025	16:42	LB134987
	Selenium	4910	5000	98	90 - 110	P	03/11/2025	16:42	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	16:42	LB134987
CCV08	Arsenic	4940	5000	99	90 - 110	P	03/11/2025	17:34	LB134987
	Barium	9820	10000	98	90 - 110	P	03/11/2025	17:34	LB134987
	Cadmium	2480	2500	99	90 - 110	P	03/11/2025	17:34	LB134987
	Chromium	955	1000	96	90 - 110	P	03/11/2025	17:34	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	17:34	LB134987
	Selenium	4930	5000	99	90 - 110	P	03/11/2025	17:34	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	17:34	LB134987
CCV09	Arsenic	5030	5000	101	90 - 110	P	03/11/2025	18:26	LB134987
	Barium	9800	10000	98	90 - 110	P	03/11/2025	18:26	LB134987
	Cadmium	2520	2500	101	90 - 110	P	03/11/2025	18:26	LB134987
	Chromium	971	1000	97	90 - 110	P	03/11/2025	18:26	LB134987
	Lead	4960	5000	99	90 - 110	P	03/11/2025	18:26	LB134987
	Selenium	5030	5000	101	90 - 110	P	03/11/2025	18:26	LB134987
	Silver	1260	1250	101	90 - 110	P	03/11/2025	18:26	LB134987
CCV10	Arsenic	4890	5000	98	90 - 110	P	03/11/2025	19:14	LB134987
	Barium	9280	10000	93	90 - 110	P	03/11/2025	19:14	LB134987
	Cadmium	2480	2500	99	90 - 110	P	03/11/2025	19:14	LB134987
	Chromium	968	1000	97	90 - 110	P	03/11/2025	19:14	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	19:14	LB134987

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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
CCV10	Selenium	4860	5000	97	90 - 110	P	03/11/2025	19:14	LB134987
	Silver	1230	1250	99	90 - 110	P	03/11/2025	19:14	LB134987
CCV11	Arsenic	4830	5000	97	90 - 110	P	03/11/2025	19:26	LB134987
	Barium	9770	10000	98	90 - 110	P	03/11/2025	19:26	LB134987
	Cadmium	2390	2500	95	90 - 110	P	03/11/2025	19:26	LB134987
	Chromium	935	1000	94	90 - 110	P	03/11/2025	19:26	LB134987
	Lead	4740	5000	95	90 - 110	P	03/11/2025	19:26	LB134987
	Selenium	4840	5000	97	90 - 110	P	03/11/2025	19:26	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	19:26	LB134987
CCV12	Arsenic	4850	5000	97	90 - 110	P	03/11/2025	19:39	LB134987
	Barium	9430	10000	94	90 - 110	P	03/11/2025	19:39	LB134987
	Cadmium	2380	2500	95	90 - 110	P	03/11/2025	19:39	LB134987
	Chromium	948	1000	95	90 - 110	P	03/11/2025	19:39	LB134987
	Lead	4680	5000	94	90 - 110	P	03/11/2025	19:39	LB134987
	Selenium	5040	5000	101	90 - 110	P	03/11/2025	19:39	LB134987
	Silver	1210	1250	97	90 - 110	P	03/11/2025	19:39	LB134987