

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2580

Contract: ENTA05

Lab Code: ACE

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
ICV39	Mercury	4.08	4.0	102	90 - 110	CV	07/25/2025	11:13	LB136613

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV47	Mercury	4.98	5.0	100	90 - 110	CV	07/25/2025	11:17	LB136613
CCV48	Mercury	4.86	5.0	97	90 - 110	CV	07/25/2025	12:12	LB136613
CCV49	Mercury	5.12	5.0	102	90 - 110	CV	07/25/2025	12:39	LB136613
CCV50	Mercury	5.00	5.0	100	90 - 110	CV	07/25/2025	12:53	LB136613

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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	3640	4000	91	90 - 110	P	07/14/2025	13:44	LB136469
	Barium	7890	8000	99	90 - 110	P	07/14/2025	13:44	LB136469
	Cadmium	1860	2000	93	90 - 110	P	07/14/2025	13:44	LB136469
	Chromium	803	800	100	90 - 110	P	07/14/2025	13:44	LB136469
	Lead	3700	4000	92	90 - 110	P	07/14/2025	13:44	LB136469
	Selenium	3770	4000	94	90 - 110	P	07/14/2025	13:44	LB136469
	Silver	1040	1000	104	90 - 110	P	07/14/2025	13:44	LB136469

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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	5000	5000	100	90 - 110	P	07/14/2025	14:54	LB136469
	Barium	9980	10000	100	90 - 110	P	07/14/2025	14:54	LB136469
	Cadmium	2540	2500	102	90 - 110	P	07/14/2025	14:54	LB136469
	Chromium	1030	1000	103	90 - 110	P	07/14/2025	14:54	LB136469
	Lead	5040	5000	101	90 - 110	P	07/14/2025	14:54	LB136469
	Selenium	5090	5000	102	90 - 110	P	07/14/2025	14:54	LB136469
	Silver	1270	1250	102	90 - 110	P	07/14/2025	14:54	LB136469
CCV02	Arsenic	4960	5000	99	90 - 110	P	07/14/2025	16:01	LB136469
	Barium	9880	10000	99	90 - 110	P	07/14/2025	16:01	LB136469
	Cadmium	2520	2500	101	90 - 110	P	07/14/2025	16:01	LB136469
	Chromium	1000	1000	100	90 - 110	P	07/14/2025	16:01	LB136469
	Lead	5010	5000	100	90 - 110	P	07/14/2025	16:01	LB136469
	Selenium	5040	5000	101	90 - 110	P	07/14/2025	16:01	LB136469
	Silver	1250	1250	100	90 - 110	P	07/14/2025	16:01	LB136469

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Arsenic	19.2	20.0	96	80 - 120	P	07/14/2025	16:27	LB136469
	Barium	102	100	102	80 - 120	P	07/14/2025	16:27	LB136469
	Cadmium	5.79	6.0	96	80 - 120	P	07/14/2025	16:27	LB136469
	Chromium	11.4	10.0	114	80 - 120	P	07/14/2025	16:27	LB136469
	Lead	9.68	12.0	81	80 - 120	P	07/14/2025	16:27	LB136469
	Selenium	21.6	20.0	108	80 - 120	P	07/14/2025	16:27	LB136469
	Silver	11.2	10.0	112	80 - 120	P	07/14/2025	16:27	LB136469

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Arsenic	5010	5000	100	90 - 110	P	07/14/2025	18:01	LB136469
	Barium	10100	10000	101	90 - 110	P	07/14/2025	18:01	LB136469
	Cadmium	2530	2500	101	90 - 110	P	07/14/2025	18:01	LB136469
	Chromium	1020	1000	102	90 - 110	P	07/14/2025	18:01	LB136469
	Lead	5040	5000	101	90 - 110	P	07/14/2025	18:01	LB136469
	Selenium	5070	5000	101	90 - 110	P	07/14/2025	18:01	LB136469
	Silver	1260	1250	101	90 - 110	P	07/14/2025	18:01	LB136469
CCV04	Arsenic	4520	5000	90	90 - 110	P	07/14/2025	19:00	LB136469
	Barium	9620	10000	96	90 - 110	P	07/14/2025	19:00	LB136469
	Cadmium	2290	2500	92	90 - 110	P	07/14/2025	19:00	LB136469
	Chromium	966	1000	97	90 - 110	P	07/14/2025	19:00	LB136469
	Lead	4560	5000	91	90 - 110	P	07/14/2025	19:00	LB136469
	Selenium	4560	5000	91	90 - 110	P	07/14/2025	19:00	LB136469
	Silver	1190	1250	95	90 - 110	P	07/14/2025	19:00	LB136469
CCV05	Arsenic	4700	5000	94	90 - 110	P	07/14/2025	19:53	LB136469
	Barium	9540	10000	95	90 - 110	P	07/14/2025	19:53	LB136469
	Cadmium	2370	2500	95	90 - 110	P	07/14/2025	19:53	LB136469
	Chromium	966	1000	97	90 - 110	P	07/14/2025	19:53	LB136469
	Lead	4730	5000	94	90 - 110	P	07/14/2025	19:53	LB136469
	Selenium	4720	5000	94	90 - 110	P	07/14/2025	19:53	LB136469
	Silver	1190	1250	95	90 - 110	P	07/14/2025	19:53	LB136469
CCV06	Arsenic	4800	5000	96	90 - 110	P	07/14/2025	20:07	LB136469
	Barium	9750	10000	98	90 - 110	P	07/14/2025	20:07	LB136469
	Cadmium	2410	2500	96	90 - 110	P	07/14/2025	20:07	LB136469
	Chromium	986	1000	99	90 - 110	P	07/14/2025	20:07	LB136469
	Lead	4810	5000	96	90 - 110	P	07/14/2025	20:07	LB136469
	Selenium	4810	5000	96	90 - 110	P	07/14/2025	20:07	LB136469
	Silver	1210	1250	97	90 - 110	P	07/14/2025	20:07	LB136469

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3840	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Barium	8020	8000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Cadmium	1950	2000	97	90 - 110	P	07/17/2025	14:14	LB136534
	Chromium	791	800	99	90 - 110	P	07/17/2025	14:14	LB136534
	Lead	3860	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Selenium	3940	4000	98	90 - 110	P	07/17/2025	14:14	LB136534
	Silver	936	1000	94	90 - 110	P	07/17/2025	14:14	LB136534

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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	16.9	20.0	84	80 - 120	P	07/17/2025	14:24	LB136534
	Barium	102	100	102	80 - 120	P	07/17/2025	14:24	LB136534
	Cadmium	5.65	6.0	94	80 - 120	P	07/17/2025	14:24	LB136534
	Chromium	10.2	10.0	102	80 - 120	P	07/17/2025	14:24	LB136534
	Lead	10.9	12.0	91	80 - 120	P	07/17/2025	14:24	LB136534
	Selenium	17.6	20.0	88	80 - 120	P	07/17/2025	14:24	LB136534
	Silver	10.5	10.0	105	80 - 120	P	07/17/2025	14:24	LB136534

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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	4950	5000	99	90 - 110	P	07/17/2025	14:56	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Lead	4990	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Selenium	5010	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Silver	1270	1250	102	90 - 110	P	07/17/2025	14:56	LB136534
CCV02	Arsenic	4730	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Barium	9920	10000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Cadmium	2410	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Chromium	986	1000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Lead	4810	5000	96	90 - 110	P	07/17/2025	15:44	LB136534
	Selenium	4770	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Silver	1230	1250	98	90 - 110	P	07/17/2025	15:44	LB136534
CCV03	Arsenic	4960	5000	99	90 - 110	P	07/17/2025	17:18	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Cadmium	2520	2500	101	90 - 110	P	07/17/2025	17:18	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Lead	5040	5000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Selenium	4980	5000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Silver	1270	1250	101	90 - 110	P	07/17/2025	17:18	LB136534
CCV04	Arsenic	4880	5000	98	90 - 110	P	07/17/2025	18:45	LB136534
	Barium	10200	10000	102	90 - 110	P	07/17/2025	18:45	LB136534
	Cadmium	2470	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	18:45	LB136534
	Lead	4940	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Selenium	4950	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	18:45	LB136534
CCV05	Arsenic	5000	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Barium	10300	10000	103	90 - 110	P	07/17/2025	20:11	LB136534
	Cadmium	2550	2500	102	90 - 110	P	07/17/2025	20:11	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Lead	5070	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Selenium	5040	5000	101	90 - 110	P	07/17/2025	20:11	LB136534

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CCV05	Silver	1250	1250	100	90 - 110	P	07/17/2025	20:11	LB136534
CCV06	Arsenic	4910	5000	98	90 - 110	P	07/17/2025	20:46	LB136534
	Barium	10400	10000	104	90 - 110	P	07/17/2025	20:46	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	20:46	LB136534
	Chromium	1000	1000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Lead	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Selenium	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	20:46	LB136534