

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3181

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
ICV50	Mercury	3.71	4.0	93	90 - 110	CV	09/29/2025	10:44	LB137343

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV51	Mercury	5.02	5.0	100	90 - 110	CV	09/29/2025	10:49	LB137343
CCV52	Mercury	5.09	5.0	102	90 - 110	CV	09/29/2025	11:22	LB137343
CCV53	Mercury	4.84	5.0	97	90 - 110	CV	09/29/2025	11:51	LB137343
CCV54	Mercury	4.65	5.0	93	90 - 110	CV	09/29/2025	12:18	LB137343
CCV55	Mercury	4.75	5.0	95	90 - 110	CV	09/29/2025	12:53	LB137343
CCV56	Mercury	4.85	5.0	97	90 - 110	CV	09/29/2025	13:22	LB137343
CCV57	Mercury	4.81	5.0	96	90 - 110	CV	09/29/2025	13:36	LB137343

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Lab Code: ACE

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	3770	4000	94	90 - 110	P	09/29/2025	12:55	LB137351
	Barium	7740	8000	97	90 - 110	P	09/29/2025	12:55	LB137351
	Cadmium	1890	2000	94	90 - 110	P	09/29/2025	12:55	LB137351
	Chromium	768	800	96	90 - 110	P	09/29/2025	12:55	LB137351
	Copper	961	1000	96	90 - 110	P	09/29/2025	12:55	LB137351
	Lead	3690	4000	92	90 - 110	P	09/29/2025	12:55	LB137351
	Nickel	1890	2000	94	90 - 110	P	09/29/2025	12:55	LB137351
	Selenium	3750	4000	94	90 - 110	P	09/29/2025	12:55	LB137351
	Silver	970	1000	97	90 - 110	P	09/29/2025	12:55	LB137351
	Zinc	1900	2000	95	90 - 110	P	09/29/2025	12:55	LB137351

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LLICV01	Arsenic	21.6	20.0	108	80 - 120	P	09/29/2025	12:59	LB137351
	Barium	102	100	102	80 - 120	P	09/29/2025	12:59	LB137351
	Cadmium	6.29	6.0	105	80 - 120	P	09/29/2025	12:59	LB137351
	Chromium	10.3	10.0	103	80 - 120	P	09/29/2025	12:59	LB137351
	Copper	21.5	20.0	107	80 - 120	P	09/29/2025	12:59	LB137351
	Lead	13.4	12.0	112	80 - 120	P	09/29/2025	12:59	LB137351
	Nickel	41.9	40.0	105	80 - 120	P	09/29/2025	12:59	LB137351
	Selenium	22.5	20.0	113	80 - 120	P	09/29/2025	12:59	LB137351
	Silver	10.1	10.0	101	80 - 120	P	09/29/2025	12:59	LB137351
	Zinc	43.4	40.0	109	80 - 120	P	09/29/2025	12:59	LB137351

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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	5040	5000	101	90 - 110	P	09/29/2025	13:42	LB137351
	Barium	9840	10000	98	90 - 110	P	09/29/2025	13:42	LB137351
	Cadmium	2480	2500	99	90 - 110	P	09/29/2025	13:42	LB137351
	Chromium	994	1000	99	90 - 110	P	09/29/2025	13:42	LB137351
	Copper	1240	1250	99	90 - 110	P	09/29/2025	13:42	LB137351
	Lead	4900	5000	98	90 - 110	P	09/29/2025	13:42	LB137351
	Nickel	2460	2500	98	90 - 110	P	09/29/2025	13:42	LB137351
	Selenium	5120	5000	102	90 - 110	P	09/29/2025	13:42	LB137351
	Silver	1230	1250	99	90 - 110	P	09/29/2025	13:42	LB137351
	Zinc	2480	2500	99	90 - 110	P	09/29/2025	13:42	LB137351
CCV02	Arsenic	4970	5000	99	90 - 110	P	09/29/2025	14:51	LB137351
	Barium	9680	10000	97	90 - 110	P	09/29/2025	14:51	LB137351
	Cadmium	2440	2500	98	90 - 110	P	09/29/2025	14:51	LB137351
	Chromium	984	1000	98	90 - 110	P	09/29/2025	14:51	LB137351
	Copper	1220	1250	98	90 - 110	P	09/29/2025	14:51	LB137351
	Lead	4840	5000	97	90 - 110	P	09/29/2025	14:51	LB137351
	Nickel	2430	2500	97	90 - 110	P	09/29/2025	14:51	LB137351
	Selenium	5050	5000	101	90 - 110	P	09/29/2025	14:51	LB137351
	Silver	1220	1250	97	90 - 110	P	09/29/2025	14:51	LB137351
	Zinc	2410	2500	97	90 - 110	P	09/29/2025	14:51	LB137351
CCV03	Arsenic	4960	5000	99	90 - 110	P	09/29/2025	15:53	LB137351
	Barium	9450	10000	94	90 - 110	P	09/29/2025	15:53	LB137351
	Cadmium	2440	2500	98	90 - 110	P	09/29/2025	15:53	LB137351
	Chromium	982	1000	98	90 - 110	P	09/29/2025	15:53	LB137351
	Copper	1230	1250	98	90 - 110	P	09/29/2025	15:53	LB137351
	Lead	4830	5000	97	90 - 110	P	09/29/2025	15:53	LB137351
	Nickel	2430	2500	97	90 - 110	P	09/29/2025	15:53	LB137351
	Selenium	5030	5000	101	90 - 110	P	09/29/2025	15:53	LB137351
	Silver	1210	1250	97	90 - 110	P	09/29/2025	15:53	LB137351
	Zinc	2420	2500	97	90 - 110	P	09/29/2025	15:53	LB137351
CCV04	Arsenic	4870	5000	97	90 - 110	P	09/29/2025	16:44	LB137351
	Barium	9520	10000	95	90 - 110	P	09/29/2025	16:44	LB137351
	Cadmium	2410	2500	96	90 - 110	P	09/29/2025	16:44	LB137351
	Chromium	969	1000	97	90 - 110	P	09/29/2025	16:44	LB137351

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CCV04	Copper	1210	1250	96	90 - 110	P	09/29/2025	16:44	LB137351
	Lead	4780	5000	96	90 - 110	P	09/29/2025	16:44	LB137351
	Nickel	2390	2500	96	90 - 110	P	09/29/2025	16:44	LB137351
	Selenium	4930	5000	99	90 - 110	P	09/29/2025	16:44	LB137351
	Silver	1190	1250	95	90 - 110	P	09/29/2025	16:44	LB137351
	Zinc	2380	2500	95	90 - 110	P	09/29/2025	16:44	LB137351
CCV05	Arsenic	4910	5000	98	90 - 110	P	09/29/2025	17:36	LB137351
	Barium	9290	10000	93	90 - 110	P	09/29/2025	17:36	LB137351
	Cadmium	2410	2500	97	90 - 110	P	09/29/2025	17:36	LB137351
	Chromium	988	1000	99	90 - 110	P	09/29/2025	17:36	LB137351
	Copper	1210	1250	97	90 - 110	P	09/29/2025	17:36	LB137351
	Lead	4790	5000	96	90 - 110	P	09/29/2025	17:36	LB137351
	Nickel	2400	2500	96	90 - 110	P	09/29/2025	17:36	LB137351
	Selenium	4980	5000	100	90 - 110	P	09/29/2025	17:36	LB137351
	Silver	1230	1250	98	90 - 110	P	09/29/2025	17:36	LB137351
	Zinc	2440	2500	98	90 - 110	P	09/29/2025	17:36	LB137351
CCV06	Arsenic	4720	5000	94	90 - 110	P	09/29/2025	18:27	LB137351
	Barium	9590	10000	96	90 - 110	P	09/29/2025	18:27	LB137351
	Cadmium	2370	2500	95	90 - 110	P	09/29/2025	18:27	LB137351
	Chromium	954	1000	95	90 - 110	P	09/29/2025	18:27	LB137351
	Copper	1190	1250	95	90 - 110	P	09/29/2025	18:27	LB137351
	Lead	4720	5000	94	90 - 110	P	09/29/2025	18:27	LB137351
	Nickel	2360	2500	94	90 - 110	P	09/29/2025	18:27	LB137351
	Selenium	4750	5000	95	90 - 110	P	09/29/2025	18:27	LB137351
	Silver	1160	1250	93	90 - 110	P	09/29/2025	18:27	LB137351
	Zinc	2340	2500	94	90 - 110	P	09/29/2025	18:27	LB137351
	Arsenic	4820	5000	96	90 - 110	P	09/29/2025	19:00	LB137351
	Barium	9370	10000	94	90 - 110	P	09/29/2025	19:00	LB137351
CCV07	Cadmium	2390	2500	96	90 - 110	P	09/29/2025	19:00	LB137351
	Chromium	963	1000	96	90 - 110	P	09/29/2025	19:00	LB137351
	Copper	1210	1250	96	90 - 110	P	09/29/2025	19:00	LB137351
	Lead	4730	5000	95	90 - 110	P	09/29/2025	19:00	LB137351
	Nickel	2390	2500	96	90 - 110	P	09/29/2025	19:00	LB137351
	Selenium	4870	5000	97	90 - 110	P	09/29/2025	19:00	LB137351

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CCV07	Silver	1190	1250	96	90 - 110	P	09/29/2025	19:00	LB137351
	Zinc	2400	2500	96	90 - 110	P	09/29/2025	19:00	LB137351
