

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2463

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
ICV13	Mercury	3.97	4.0	99	90 - 110	CV	07/01/2025	11:43	LB136337

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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
CCV40	Mercury	4.59	5.0	92	90 - 110	CV	07/01/2025	11:47	LB136337
CCV41	Mercury	4.57	5.0	91	90 - 110	CV	07/01/2025	12:17	LB136337
CCV42	Mercury	4.66	5.0	93	90 - 110	CV	07/01/2025	12:47	LB136337
CCV43	Mercury	4.95	5.0	99	90 - 110	CV	07/01/2025	13:10	LB136337

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Client: ENTACT

SDG No.: Q2463

Contract: ENTA05

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	Cadmium	2020	2000	101	90 - 110	P	07/03/2025	12:13	LB136371
	Copper	1010	1000	101	90 - 110	P	07/03/2025	12:13	LB136371
	Lead	3950	4000	99	90 - 110	P	07/03/2025	12:13	LB136371
	Nickel	1990	2000	100	90 - 110	P	07/03/2025	12:13	LB136371
	Zinc	1910	2000	96	90 - 110	P	07/03/2025	12:13	LB136371

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	5.43	6.0	91	80 - 120	P	07/03/2025	12:17	LB136371
	Copper	20.7	20.0	104	80 - 120	P	07/03/2025	12:17	LB136371
	Lead	10.4	12.0	87	80 - 120	P	07/03/2025	12:17	LB136371
	Nickel	39.9	40.0	100	80 - 120	P	07/03/2025	12:17	LB136371
	Zinc	40.6	40.0	102	80 - 120	P	07/03/2025	12:17	LB136371

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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	Cadmium	2520	2500	101	90 - 110	P	07/03/2025	13:23	LB136371
	Copper	1270	1250	101	90 - 110	P	07/03/2025	13:23	LB136371
	Lead	4970	5000	100	90 - 110	P	07/03/2025	13:23	LB136371
	Nickel	2540	2500	102	90 - 110	P	07/03/2025	13:23	LB136371
	Zinc	2450	2500	98	90 - 110	P	07/03/2025	13:23	LB136371
CCV02	Cadmium	2480	2500	99	90 - 110	P	07/03/2025	14:25	LB136371
	Copper	1260	1250	100	90 - 110	P	07/03/2025	14:25	LB136371
	Lead	4910	5000	98	90 - 110	P	07/03/2025	14:25	LB136371
	Nickel	2510	2500	100	90 - 110	P	07/03/2025	14:25	LB136371
	Zinc	2420	2500	97	90 - 110	P	07/03/2025	14:25	LB136371
CCV03	Cadmium	2390	2500	96	90 - 110	P	07/03/2025	16:03	LB136371
	Copper	1220	1250	97	90 - 110	P	07/03/2025	16:03	LB136371
	Lead	4730	5000	95	90 - 110	P	07/03/2025	16:03	LB136371
	Nickel	2410	2500	96	90 - 110	P	07/03/2025	16:03	LB136371
	Zinc	2470	2500	99	90 - 110	P	07/03/2025	16:03	LB136371
CCV04	Cadmium	2440	2500	98	90 - 110	P	07/03/2025	16:58	LB136371
	Copper	1240	1250	99	90 - 110	P	07/03/2025	16:58	LB136371
	Lead	4800	5000	96	90 - 110	P	07/03/2025	16:58	LB136371
	Nickel	2440	2500	98	90 - 110	P	07/03/2025	16:58	LB136371
	Zinc	2490	2500	100	90 - 110	P	07/03/2025	16:58	LB136371
CCV05	Cadmium	2490	2500	100	90 - 110	P	07/03/2025	17:28	LB136371
	Copper	1260	1250	101	90 - 110	P	07/03/2025	17:28	LB136371
	Lead	4910	5000	98	90 - 110	P	07/03/2025	17:28	LB136371
	Nickel	2500	2500	100	90 - 110	P	07/03/2025	17:28	LB136371
	Zinc	2480	2500	99	90 - 110	P	07/03/2025	17:28	LB136371