

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3103

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
ICV34	Mercury	4.28	4.0	107	90 - 110	CV	09/17/2025	14:21	LB137213

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3103

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
CCV07	Mercury	4.96	5.0	99	90 - 110	CV	09/17/2025	14:26	LB137213
CCV08	Mercury	4.73	5.0	95	90 - 110	CV	09/17/2025	14:55	LB137213
CCV09	Mercury	4.89	5.0	98	90 - 110	CV	09/17/2025	15:04	LB137213

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3103

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	1880	2000	94	90 - 110	P	09/18/2025	11:06	LB137227
	Copper	975	1000	98	90 - 110	P	09/18/2025	11:06	LB137227
	Lead	3720	4000	93	90 - 110	P	09/18/2025	11:06	LB137227
	Nickel	1900	2000	95	90 - 110	P	09/18/2025	11:06	LB137227
	Zinc	1930	2000	97	90 - 110	P	09/18/2025	11:06	LB137227

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3103

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
LLICV01	Cadmium	5.82	6.0	97	80 - 120	P	09/18/2025	11:15	LB137227
	Copper	21.9	20.0	110	80 - 120	P	09/18/2025	11:15	LB137227
	Lead	11.1	12.0	92	80 - 120	P	09/18/2025	11:15	LB137227
	Nickel	40.5	40.0	101	80 - 120	P	09/18/2025	11:15	LB137227
	Zinc	45.2	40.0	113	80 - 120	P	09/18/2025	11:15	LB137227

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q3103

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
CCV01	Cadmium	2510	2500	101	90 - 110	P	09/18/2025	12:01	LB137227
	Copper	1270	1250	101	90 - 110	P	09/18/2025	12:01	LB137227
	Lead	4980	5000	100	90 - 110	P	09/18/2025	12:01	LB137227
	Nickel	2510	2500	100	90 - 110	P	09/18/2025	12:01	LB137227
	Zinc	2540	2500	102	90 - 110	P	09/18/2025	12:01	LB137227
CCV02	Cadmium	2450	2500	98	90 - 110	P	09/18/2025	12:58	LB137227
	Copper	1250	1250	100	90 - 110	P	09/18/2025	12:58	LB137227
	Lead	4900	5000	98	90 - 110	P	09/18/2025	12:58	LB137227
	Nickel	2470	2500	99	90 - 110	P	09/18/2025	12:58	LB137227
	Zinc	2520	2500	101	90 - 110	P	09/18/2025	12:58	LB137227
CCV03	Cadmium	2460	2500	98	90 - 110	P	09/18/2025	13:49	LB137227
	Copper	1250	1250	100	90 - 110	P	09/18/2025	13:49	LB137227
	Lead	4900	5000	98	90 - 110	P	09/18/2025	13:49	LB137227
	Nickel	2470	2500	99	90 - 110	P	09/18/2025	13:49	LB137227
	Zinc	2530	2500	101	90 - 110	P	09/18/2025	13:49	LB137227
CCV04	Cadmium	2500	2500	100	90 - 110	P	09/18/2025	14:52	LB137227
	Copper	1280	1250	102	90 - 110	P	09/18/2025	14:52	LB137227
	Lead	4970	5000	99	90 - 110	P	09/18/2025	14:52	LB137227
	Nickel	2510	2500	100	90 - 110	P	09/18/2025	14:52	LB137227
	Zinc	2490	2500	100	90 - 110	P	09/18/2025	14:52	LB137227
CCV05	Cadmium	2460	2500	99	90 - 110	P	09/18/2025	15:29	LB137227
	Copper	1270	1250	101	90 - 110	P	09/18/2025	15:29	LB137227
	Lead	4920	5000	98	90 - 110	P	09/18/2025	15:29	LB137227
	Nickel	2490	2500	100	90 - 110	P	09/18/2025	15:29	LB137227
	Zinc	2570	2500	103	90 - 110	P	09/18/2025	15:29	LB137227
CCV06	Cadmium	2350	2500	94	90 - 110	P	09/18/2025	16:05	LB137227
	Copper	1190	1250	96	90 - 110	P	09/18/2025	16:05	LB137227
	Lead	4670	5000	93	90 - 110	P	09/18/2025	16:05	LB137227
	Nickel	2350	2500	94	90 - 110	P	09/18/2025	16:05	LB137227
	Zinc	2450	2500	98	90 - 110	P	09/18/2025	16:05	LB137227