284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2578

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
ICV27	Mercury	3.81	4.0	95	90 - 110	CV	07/15/2025	12:06	LB136476

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Client: ENTACT **SDG No.:** Q2578

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
CCV01	Mercury	5.31	5.0	106	90 - 110	CV	07/15/2025	12:11	LB136476
CCV02	Mercury	5.14	5.0	103	90 - 110	CV	07/15/2025	12:48	LB136476
CCV03	Mercury	5.16	5.0	103	90 - 110	CV	07/15/2025	13:16	LB136476
CCV04	Mercury	4.72	5.0	94	90 - 110	CV	07/15/2025	13:53	LB136476
CCV05	Mercury	4.82	5.0	96	90 - 110	CV	07/15/2025	14:22	LB136476

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2578

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	Arsenic	3900	4000	97	90 - 110	P	07/16/2025	13:21	LB136511
	Barium	7940	8000	99	90 - 110	P	07/16/2025	13:21	LB136511
	Cadmium	1920	2000	96	90 - 110	P	07/16/2025	13:21	LB136511
	Chromium	792	800	99	90 - 110	P	07/16/2025	13:21	LB136511
	Copper	1010	1000	101	90 - 110	P	07/16/2025	13:21	LB136511
	Lead	3780	4000	94	90 - 110	P	07/16/2025	13:21	LB136511
	Nickel	1960	2000	98	90 - 110	P	07/16/2025	13:21	LB136511
	Selenium	3920	4000	98	90 - 110	P	07/16/2025	13:21	LB136511
	Silver	1040	1000	104	90 - 110	P	07/16/2025	13:21	LB136511
	Zinc	1980	2000	99	90 - 110	P	07/16/2025	13:21	LB136511

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2578

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	Arsenic	22.8	20.0	114	80 - 120	P	07/16/2025	13:53	LB136511
	Barium	103	100	103	80 - 120	P	07/16/2025	13:53	LB136511
	Cadmium	5.92	6.0	99	80 - 120	P	07/16/2025	13:53	LB136511
	Chromium	9.95	10.0	100	80 - 120	P	07/16/2025	13:53	LB136511
	Copper	21.0	20.0	105	80 - 120	P	07/16/2025	13:53	LB136511
	Lead	11.2	12.0	93	80 - 120	P	07/16/2025	13:53	LB136511
	Nickel	39.8	40.0	100	80 - 120	P	07/16/2025	13:53	LB136511
	Selenium	18.1	20.0	91	80 - 120	P	07/16/2025	13:53	LB136511
	Silver	10.6	10.0	106	80 - 120	P	07/16/2025	13:53	LB136511
	Zinc	43.2	40.0	108	80 - 120	P	07/16/2025	13:53	LB136511

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Client: ENTACT **SDG No.:** Q2578

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	Arsenic	5050	5000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Barium	10100	10000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	14:53	LB136511
	Chromium	983	1000	98	90 - 110	P	07/16/2025	14:53	LB136511
	Copper	1260	1250	101	90 - 110	P	07/16/2025	14:53	LB136511
	Lead	4910	5000	98	90 - 110	P	07/16/2025	14:53	LB136511
	Nickel	2490	2500	100	90 - 110	P	07/16/2025	14:53	LB136511
	Selenium	5060	5000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Silver	1250	1250	100	90 - 110	P	07/16/2025	14:53	LB136511
	Zinc	2530	2500	101	90 - 110	P	07/16/2025	14:53	LB136511
CCV02	Arsenic	5020	5000	100	90 - 110	P	07/16/2025	15:39	LB136511
	Barium	10100	10000	101	90 - 110	P	07/16/2025	15:39	LB136511
	Cadmium	2450	2500	98	90 - 110	P	07/16/2025	15:39	LB136511
	Chromium	999	1000	100	90 - 110	P	07/16/2025	15:39	LB136511
	Copper	1250	1250	100	90 - 110	P	07/16/2025	15:39	LB136511
	Lead	4900	5000	98	90 - 110	P	07/16/2025	15:39	LB136511
	Nickel	2470	2500	99	90 - 110	P	07/16/2025	15:39	LB136511
	Selenium	5050	5000	101	90 - 110	P	07/16/2025	15:39	LB136511
	Silver	1260	1250	101	90 - 110	P	07/16/2025	15:39	LB136511
	Zinc	2560	2500	102	90 - 110	P	07/16/2025	15:39	LB136511
CCV03	Arsenic	5060	5000	101	90 - 110	P	07/16/2025	16:25	LB136511
	Barium	10200	10000	102	90 - 110	P	07/16/2025	16:25	LB136511
	Cadmium	2490	2500	100	90 - 110	P	07/16/2025	16:25	LB136511
	Chromium	989	1000	99	90 - 110	P	07/16/2025	16:25	LB136511
	Copper	1270	1250	101	90 - 110	P	07/16/2025	16:25	LB136511
	Lead	4960	5000	99	90 - 110	P	07/16/2025	16:25	LB136511
	Nickel	2510	2500	100	90 - 110	P	07/16/2025	16:25	LB136511
	Selenium	5090	5000	102	90 - 110	P	07/16/2025	16:25	LB136511
	Silver	1260	1250	101	90 - 110	P	07/16/2025	16:25	LB136511
	Zinc	2530	2500	101	90 - 110	P	07/16/2025	16:25	LB136511
CCV04	Arsenic	5040	5000	101	90 - 110	P	07/16/2025	17:32	LB136511
	Barium	10300	10000	103	90 - 110	P	07/16/2025	17:32	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	17:32	LB136511
	Chromium	997	1000	100	90 - 110	P	07/16/2025	17:32	LB136511

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q2578

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
CCV04	Copper	1260	1250	101	90 - 110	P	07/16/2025	17:32	LB136511
	Lead	4940	5000	99	90 - 110	P	07/16/2025	17:32	LB136511
	Nickel	2500	2500	100	90 - 110	P	07/16/2025	17:32	LB136511
	Selenium	5060	5000	101	90 - 110	P	07/16/2025	17:32	LB136511
	Silver	1270	1250	101	90 - 110	P	07/16/2025	17:32	LB136511
	Zinc	2580	2500	103	90 - 110	P	07/16/2025	17:32	LB136511
CCV05	Arsenic	5070	5000	101	90 - 110	P	07/16/2025	18:28	LB136511
	Barium	10400	10000	104	90 - 110	P	07/16/2025	18:28	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	18:28	LB136511
	Chromium	1000	1000	100	90 - 110	P	07/16/2025	18:28	LB136511
	Copper	1260	1250	101	90 - 110	P	07/16/2025	18:28	LB136511
	Lead	4950	5000	99	90 - 110	P	07/16/2025	18:28	LB136511
	Nickel	2500	2500	100	90 - 110	P	07/16/2025	18:28	LB136511
	Selenium	5120	5000	102	90 - 110	P	07/16/2025	18:28	LB136511
	Silver	1280	1250	102	90 - 110	P	07/16/2025	18:28	LB136511
	Zinc	2590	2500	104	90 - 110	P	07/16/2025	18:28	LB136511
CCV06	Arsenic	5090	5000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Barium	10200	10000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Cadmium	2520	2500	101	90 - 110	P	07/16/2025	18:51	LB136511
	Chromium	1000	1000	100	90 - 110	P	07/16/2025	18:51	LB136511
	Copper	1280	1250	102	90 - 110	P	07/16/2025	18:51	LB136511
	Lead	5010	5000	100	90 - 110	P	07/16/2025	18:51	LB136511
	Nickel	2540	2500	102	90 - 110	P	07/16/2025	18:51	LB136511
	Selenium	5070	5000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Silver	1270	1250	102	90 - 110	P	07/16/2025	18:51	LB136511
	Zinc	2570	2500	103	90 - 110	P	07/16/2025	18:51	LB136511