

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1666
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1666 **SAS No.:** Q1666
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
ICV73	Mercury	4.04	4.0	101	90 - 110	CV	04/02/2025	14:10	LB135269

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Client: ENTACT **SDG No.:** Q1666
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1666 **SAS No.:** Q1666
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
CCV23	Mercury	4.78	5.0	96	90 - 110	CV	04/02/2025	14:14	LB135269
CCV24	Mercury	4.72	5.0	94	90 - 110	CV	04/02/2025	14:44	LB135269
CCV25	Mercury	4.52	5.0	90	90 - 110	CV	04/02/2025	15:03	LB135269

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Client: ENTACT **SDG No.:** Q1666
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1666 **SAS No.:** Q1666
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	522	510	102	95 - 105	P	04/02/2025	15:20	LB135273
	Copper	507	510	99	95 - 105	P	04/02/2025	15:20	LB135273
	Lead	1020	1000	102	95 - 105	P	04/02/2025	15:20	LB135273
	Nickel	548	530	103	95 - 105	P	04/02/2025	15:20	LB135273
	Zinc	991	1000	99	95 - 105	P	04/02/2025	15:20	LB135273

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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
LLICV01	Cadmium	5.68	6.0	95	80 - 120	P	04/02/2025	15:41	LB135273
	Copper	22.5	20.0	112	80 - 120	P	04/02/2025	15:41	LB135273
	Lead	10.8	12.0	90	80 - 120	P	04/02/2025	15:41	LB135273
	Nickel	38.8	40.0	97	80 - 120	P	04/02/2025	15:41	LB135273
	Zinc	41.4	40.0	104	80 - 120	P	04/02/2025	15:41	LB135273

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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
CCV01	Cadmium	2570	2500	103	90 - 110	P	04/02/2025	16:39	LB135273
	Copper	1290	1250	103	90 - 110	P	04/02/2025	16:39	LB135273
	Lead	5110	5000	102	90 - 110	P	04/02/2025	16:39	LB135273
	Nickel	2550	2500	102	90 - 110	P	04/02/2025	16:39	LB135273
	Zinc	2570	2500	103	90 - 110	P	04/02/2025	16:39	LB135273
CCV02	Cadmium	2540	2500	102	90 - 110	P	04/02/2025	17:35	LB135273
	Copper	1270	1250	102	90 - 110	P	04/02/2025	17:35	LB135273
	Lead	5050	5000	101	90 - 110	P	04/02/2025	17:35	LB135273
	Nickel	2520	2500	101	90 - 110	P	04/02/2025	17:35	LB135273
	Zinc	2490	2500	100	90 - 110	P	04/02/2025	17:35	LB135273
CCV03	Cadmium	2470	2500	99	90 - 110	P	04/02/2025	17:53	LB135273
	Copper	1240	1250	99	90 - 110	P	04/02/2025	17:53	LB135273
	Lead	4900	5000	98	90 - 110	P	04/02/2025	17:53	LB135273
	Nickel	2440	2500	98	90 - 110	P	04/02/2025	17:53	LB135273
	Zinc	2510	2500	100	90 - 110	P	04/02/2025	17:53	LB135273

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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	Cadmium	511	510	100	95 - 105	P	04/03/2025	12:06	LB135289
	Copper	516	510	101	95 - 105	P	04/03/2025	12:06	LB135289
	Lead	1010	1000	101	95 - 105	P	04/03/2025	12:06	LB135289
	Nickel	549	530	104	95 - 105	P	04/03/2025	12:06	LB135289
	Zinc	1030	1000	103	95 - 105	P	04/03/2025	12:06	LB135289

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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
LLICV01	Cadmium	5.76	6.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Copper	22.8	20.0	114	80 - 120	P	04/03/2025	12:11	LB135289
	Lead	11.1	12.0	93	80 - 120	P	04/03/2025	12:11	LB135289
	Nickel	38.6	40.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Zinc	45.4	40.0	114	80 - 120	P	04/03/2025	12:11	LB135289

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Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1666 **SAS No.:** Q1666
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	2440	2500	98	90 - 110	P	04/03/2025	12:41	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	12:41	LB135289
	Lead	4930	5000	99	90 - 110	P	04/03/2025	12:41	LB135289
	Nickel	2430	2500	97	90 - 110	P	04/03/2025	12:41	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	12:41	LB135289
CCV02	Cadmium	2410	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Copper	1260	1250	101	90 - 110	P	04/03/2025	13:53	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	13:53	LB135289
	Nickel	2420	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Zinc	2490	2500	100	90 - 110	P	04/03/2025	13:53	LB135289
CCV03	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	14:39	LB135289
	Lead	4910	5000	98	90 - 110	P	04/03/2025	14:39	LB135289
	Nickel	2450	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Zinc	2520	2500	101	90 - 110	P	04/03/2025	14:39	LB135289
CCV04	Cadmium	2430	2500	97	90 - 110	P	04/03/2025	15:32	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	15:32	LB135289
	Lead	4850	5000	97	90 - 110	P	04/03/2025	15:32	LB135289
	Nickel	2470	2500	99	90 - 110	P	04/03/2025	15:32	LB135289
	Zinc	2460	2500	98	90 - 110	P	04/03/2025	15:32	LB135289
CCV05	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	16:36	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	16:36	LB135289
	Nickel	2480	2500	99	90 - 110	P	04/03/2025	16:36	LB135289
	Zinc	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
CCV06	Cadmium	2480	2500	99	90 - 110	P	04/03/2025	17:48	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	17:48	LB135289
	Lead	4940	5000	99	90 - 110	P	04/03/2025	17:48	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
CCV07	Cadmium	2490	2500	100	90 - 110	P	04/03/2025	18:29	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	18:29	LB135289
	Lead	4980	5000	100	90 - 110	P	04/03/2025	18:29	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	18:29	LB135289

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Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1666 **SAS No.:** Q1666
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
CCV07	Zinc	2590	2500	104	90 - 110	P	04/03/2025	18:29	LB135289
