

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1822
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1822 **SAS No.:** Q1822
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
ICV95	Mercury	3.72	4.0	93	90 - 110	CV	04/21/2025	10:21	LB135496

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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	4.76	5.0	95	90 - 110	CV	04/21/2025	10:26	LB135496
CCV02	Mercury	4.91	5.0	98	90 - 110	CV	04/21/2025	11:06	LB135496
CCV03	Mercury	4.81	5.0	96	90 - 110	CV	04/21/2025	11:34	LB135496
CCV04	Mercury	5.04	5.0	101	90 - 110	CV	04/21/2025	12:08	LB135496
CCV05	Mercury	4.59	5.0	92	90 - 110	CV	04/21/2025	12:39	LB135496
CCV06	Mercury	4.59	5.0	92	90 - 110	CV	04/21/2025	13:04	LB135496

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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	495	510	97	90 - 110	P	04/21/2025	11:43	LB135512
	Copper	500	510	98	90 - 110	P	04/21/2025	11:43	LB135512
	Lead	975	1000	98	90 - 110	P	04/21/2025	11:43	LB135512
	Nickel	482	530	91	90 - 110	P	04/21/2025	11:43	LB135512
	Zinc	976	1000	98	90 - 110	P	04/21/2025	11:43	LB135512

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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	6.00	6.0	100	80 - 120	P	04/21/2025	11:49	LB135512
	Copper	22.3	20.0	111	80 - 120	P	04/21/2025	11:49	LB135512
	Lead	12.8	12.0	106	80 - 120	P	04/21/2025	11:49	LB135512
	Nickel	39.0	40.0	97	80 - 120	P	04/21/2025	11:49	LB135512
	Zinc	41.8	40.0	104	80 - 120	P	04/21/2025	11:49	LB135512

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2420	2500	97	90 - 110	P	04/21/2025	12:19	LB135512
	Copper	1240	1250	99	90 - 110	P	04/21/2025	12:19	LB135512
	Lead	4860	5000	97	90 - 110	P	04/21/2025	12:19	LB135512
	Nickel	2420	2500	97	90 - 110	P	04/21/2025	12:19	LB135512
	Zinc	2480	2500	99	90 - 110	P	04/21/2025	12:19	LB135512
CCV02	Cadmium	2470	2500	99	90 - 110	P	04/21/2025	13:09	LB135512
	Copper	1260	1250	101	90 - 110	P	04/21/2025	13:09	LB135512
	Lead	4930	5000	99	90 - 110	P	04/21/2025	13:09	LB135512
	Nickel	2470	2500	99	90 - 110	P	04/21/2025	13:09	LB135512
	Zinc	2490	2500	100	90 - 110	P	04/21/2025	13:09	LB135512
CCV03	Cadmium	2410	2500	96	90 - 110	P	04/21/2025	14:01	LB135512
	Copper	1230	1250	99	90 - 110	P	04/21/2025	14:01	LB135512
	Lead	4830	5000	97	90 - 110	P	04/21/2025	14:01	LB135512
	Nickel	2420	2500	97	90 - 110	P	04/21/2025	14:01	LB135512
	Zinc	2450	2500	98	90 - 110	P	04/21/2025	14:01	LB135512
CCV04	Cadmium	2410	2500	96	90 - 110	P	04/21/2025	14:51	LB135512
	Copper	1230	1250	98	90 - 110	P	04/21/2025	14:51	LB135512
	Lead	4820	5000	96	90 - 110	P	04/21/2025	14:51	LB135512
	Nickel	2410	2500	96	90 - 110	P	04/21/2025	14:51	LB135512
	Zinc	2440	2500	98	90 - 110	P	04/21/2025	14:51	LB135512
CCV05	Cadmium	2400	2500	96	90 - 110	P	04/21/2025	15:41	LB135512
	Copper	1230	1250	98	90 - 110	P	04/21/2025	15:41	LB135512
	Lead	4810	5000	96	90 - 110	P	04/21/2025	15:41	LB135512
	Nickel	2410	2500	96	90 - 110	P	04/21/2025	15:41	LB135512
	Zinc	2460	2500	98	90 - 110	P	04/21/2025	15:41	LB135512
CCV06	Cadmium	2410	2500	96	90 - 110	P	04/21/2025	16:54	LB135512
	Copper	1230	1250	98	90 - 110	P	04/21/2025	16:54	LB135512
	Lead	4820	5000	96	90 - 110	P	04/21/2025	16:54	LB135512
	Nickel	2410	2500	96	90 - 110	P	04/21/2025	16:54	LB135512
	Zinc	2450	2500	98	90 - 110	P	04/21/2025	16:54	LB135512
CCV07	Cadmium	2360	2500	94	90 - 110	P	04/21/2025	17:45	LB135512
	Copper	1200	1250	96	90 - 110	P	04/21/2025	17:45	LB135512
	Lead	4710	5000	94	90 - 110	P	04/21/2025	17:45	LB135512
	Nickel	2360	2500	94	90 - 110	P	04/21/2025	17:45	LB135512

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CCV07	Zinc	2420	2500	97	90 - 110	P	04/21/2025	17:45	LB135512
CCV08	Cadmium	2420	2500	97	90 - 110	P	04/21/2025	18:36	LB135512
	Copper	1230	1250	98	90 - 110	P	04/21/2025	18:36	LB135512
	Lead	4830	5000	97	90 - 110	P	04/21/2025	18:36	LB135512
	Nickel	2410	2500	97	90 - 110	P	04/21/2025	18:36	LB135512
	Zinc	2480	2500	99	90 - 110	P	04/21/2025	18:36	LB135512
CCV09	Cadmium	2380	2500	95	90 - 110	P	04/21/2025	19:26	LB135512
	Copper	1200	1250	96	90 - 110	P	04/21/2025	19:26	LB135512
	Lead	4740	5000	95	90 - 110	P	04/21/2025	19:26	LB135512
	Nickel	2370	2500	95	90 - 110	P	04/21/2025	19:26	LB135512
	Zinc	2430	2500	97	90 - 110	P	04/21/2025	19:26	LB135512
CCV10	Cadmium	2430	2500	97	90 - 110	P	04/21/2025	19:43	LB135512
	Copper	1220	1250	97	90 - 110	P	04/21/2025	19:43	LB135512
	Lead	4840	5000	97	90 - 110	P	04/21/2025	19:43	LB135512
	Nickel	2410	2500	96	90 - 110	P	04/21/2025	19:43	LB135512
	Zinc	2460	2500	98	90 - 110	P	04/21/2025	19:43	LB135512