

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1800
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1800 **SAS No.:** Q1800
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
ICV90	Mercury	4.06	4.0	101	90 - 110	CV	04/16/2025	13:13	LB135455

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Client: ENTACT **SDG No.:** Q1800
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1800 **SAS No.:** Q1800
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
CCV79	Mercury	4.99	5.0	100	90 - 110	CV	04/16/2025	13:17	LB135455
CCV80	Mercury	5.08	5.0	102	90 - 110	CV	04/16/2025	13:50	LB135455
CCV81	Mercury	5.33	5.0	106	90 - 110	CV	04/16/2025	14:18	LB135455

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Client: ENTACT **SDG No.:** Q1800
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1800 **SAS No.:** Q1800
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	1050	1000	105	95 - 105	P	04/16/2025	13:09	LB135463
	Barium	540	520	104	95 - 105	P	04/16/2025	13:09	LB135463
	Cadmium	514	510	101	95 - 105	P	04/16/2025	13:09	LB135463
	Chromium	518	520	100	95 - 105	P	04/16/2025	13:09	LB135463
	Copper	522	510	102	95 - 105	P	04/16/2025	13:09	LB135463
	Lead	1010	1000	101	95 - 105	P	04/16/2025	13:09	LB135463
	Nickel	501	530	94	95 - 105	P	04/16/2025	13:09	LB135463
	Selenium	1100	1000	110	95 - 105	P	04/16/2025	13:09	LB135463
	Silver	249	250	100	95 - 105	P	04/16/2025	13:09	LB135463
	Zinc	1020	1000	102	95 - 105	P	04/16/2025	13:09	LB135463

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Client: ENTACT SDG No.: Q1800
Contract: ENTA05 Lab Code: CHEM Case No.: Q1800 SAS No.: Q1800
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
LLICV1	Arsenic	22.9	20.0	115	80 - 120	P	04/16/2025	13:37	LB135463
	Barium	91.7	100	92	80 - 120	P	04/16/2025	13:37	LB135463
	Cadmium	5.99	6.0	100	80 - 120	P	04/16/2025	13:37	LB135463
	Chromium	9.75	10.0	98	80 - 120	P	04/16/2025	13:37	LB135463
	Copper	22.1	20.0	110	80 - 120	P	04/16/2025	13:37	LB135463
	Lead	11.7	12.0	97	80 - 120	P	04/16/2025	13:37	LB135463
	Nickel	38.6	40.0	96	80 - 120	P	04/16/2025	13:37	LB135463
	Selenium	16.9	20.0	84	80 - 120	P	04/16/2025	13:37	LB135463
	Silver	10.6	10.0	106	80 - 120	P	04/16/2025	13:37	LB135463
	Zinc	41.8	40.0	104	80 - 120	P	04/16/2025	13:37	LB135463

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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	Arsenic	5000	5000	100	90 - 110	P	04/16/2025	14:08	LB135463
	Barium	9570	10000	96	90 - 110	P	04/16/2025	14:08	LB135463
	Cadmium	2450	2500	98	90 - 110	P	04/16/2025	14:08	LB135463
	Chromium	993	1000	99	90 - 110	P	04/16/2025	14:08	LB135463
	Copper	1250	1250	100	90 - 110	P	04/16/2025	14:08	LB135463
	Lead	4920	5000	98	90 - 110	P	04/16/2025	14:08	LB135463
	Nickel	2460	2500	98	90 - 110	P	04/16/2025	14:08	LB135463
	Selenium	5010	5000	100	90 - 110	P	04/16/2025	14:08	LB135463
	Silver	1230	1250	98	90 - 110	P	04/16/2025	14:08	LB135463
	Zinc	2460	2500	98	90 - 110	P	04/16/2025	14:08	LB135463
CCV02	Arsenic	5000	5000	100	90 - 110	P	04/16/2025	15:18	LB135463
	Barium	9820	10000	98	90 - 110	P	04/16/2025	15:18	LB135463
	Cadmium	2460	2500	98	90 - 110	P	04/16/2025	15:18	LB135463
	Chromium	997	1000	100	90 - 110	P	04/16/2025	15:18	LB135463
	Copper	1250	1250	100	90 - 110	P	04/16/2025	15:18	LB135463
	Lead	4940	5000	99	90 - 110	P	04/16/2025	15:18	LB135463
	Nickel	2470	2500	99	90 - 110	P	04/16/2025	15:18	LB135463
	Selenium	5030	5000	101	90 - 110	P	04/16/2025	15:18	LB135463
	Silver	1230	1250	99	90 - 110	P	04/16/2025	15:18	LB135463
	Zinc	2470	2500	99	90 - 110	P	04/16/2025	15:18	LB135463
CCV03	Arsenic	4910	5000	98	90 - 110	P	04/16/2025	16:10	LB135463
	Barium	9410	10000	94	90 - 110	P	04/16/2025	16:10	LB135463
	Cadmium	2420	2500	97	90 - 110	P	04/16/2025	16:10	LB135463
	Chromium	993	1000	99	90 - 110	P	04/16/2025	16:10	LB135463
	Copper	1230	1250	98	90 - 110	P	04/16/2025	16:10	LB135463
	Lead	4860	5000	97	90 - 110	P	04/16/2025	16:10	LB135463
	Nickel	2430	2500	97	90 - 110	P	04/16/2025	16:10	LB135463
	Selenium	4930	5000	99	90 - 110	P	04/16/2025	16:10	LB135463
	Silver	1220	1250	97	90 - 110	P	04/16/2025	16:10	LB135463
	Zinc	2460	2500	98	90 - 110	P	04/16/2025	16:10	LB135463
CCV04	Arsenic	4880	5000	98	90 - 110	P	04/16/2025	17:02	LB135463
	Barium	9600	10000	96	90 - 110	P	04/16/2025	17:02	LB135463
	Cadmium	2430	2500	97	90 - 110	P	04/16/2025	17:02	LB135463
	Chromium	983	1000	98	90 - 110	P	04/16/2025	17:02	LB135463

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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
CCV04	Copper	1220	1250	98	90 - 110	P	04/16/2025	17:02	LB135463
	Lead	4860	5000	97	90 - 110	P	04/16/2025	17:02	LB135463
	Nickel	2430	2500	97	90 - 110	P	04/16/2025	17:02	LB135463
	Selenium	4900	5000	98	90 - 110	P	04/16/2025	17:02	LB135463
	Silver	1210	1250	97	90 - 110	P	04/16/2025	17:02	LB135463
	Zinc	2440	2500	98	90 - 110	P	04/16/2025	17:02	LB135463
CCV05	Arsenic	4780	5000	96	90 - 110	P	04/16/2025	17:55	LB135463
	Barium	9520	10000	95	90 - 110	P	04/16/2025	17:55	LB135463
	Cadmium	2320	2500	93	90 - 110	P	04/16/2025	17:55	LB135463
	Chromium	951	1000	95	90 - 110	P	04/16/2025	17:55	LB135463
	Copper	1200	1250	96	90 - 110	P	04/16/2025	17:55	LB135463
	Lead	4720	5000	94	90 - 110	P	04/16/2025	17:55	LB135463
	Nickel	2340	2500	94	90 - 110	P	04/16/2025	17:55	LB135463
	Selenium	4830	5000	96	90 - 110	P	04/16/2025	17:55	LB135463
	Silver	1210	1250	97	90 - 110	P	04/16/2025	17:55	LB135463
	Zinc	2400	2500	96	90 - 110	P	04/16/2025	17:55	LB135463
CCV06	Arsenic	4860	5000	97	90 - 110	P	04/16/2025	18:48	LB135463
	Barium	9280	10000	93	90 - 110	P	04/16/2025	18:48	LB135463
	Cadmium	2340	2500	94	90 - 110	P	04/16/2025	18:48	LB135463
	Chromium	966	1000	97	90 - 110	P	04/16/2025	18:48	LB135463
	Copper	1200	1250	96	90 - 110	P	04/16/2025	18:48	LB135463
	Lead	4740	5000	95	90 - 110	P	04/16/2025	18:48	LB135463
	Nickel	2360	2500	94	90 - 110	P	04/16/2025	18:48	LB135463
	Selenium	4900	5000	98	90 - 110	P	04/16/2025	18:48	LB135463
	Silver	1190	1250	95	90 - 110	P	04/16/2025	18:48	LB135463
	Zinc	2390	2500	96	90 - 110	P	04/16/2025	18:48	LB135463
	Arsenic	5090	5000	102	90 - 110	P	04/16/2025	19:39	LB135463
	Barium	9420	10000	94	90 - 110	P	04/16/2025	19:39	LB135463
CCV07	Cadmium	2430	2500	97	90 - 110	P	04/16/2025	19:39	LB135463
	Chromium	986	1000	99	90 - 110	P	04/16/2025	19:39	LB135463
	Copper	1240	1250	99	90 - 110	P	04/16/2025	19:39	LB135463
	Lead	4910	5000	98	90 - 110	P	04/16/2025	19:39	LB135463
	Nickel	2450	2500	98	90 - 110	P	04/16/2025	19:39	LB135463
	Selenium	5110	5000	102	90 - 110	P	04/16/2025	19:39	LB135463

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CCV07	Silver	1220	1250	98	90 - 110	P	04/16/2025	19:39	LB135463
	Zinc	2450	2500	98	90 - 110	P	04/16/2025	19:39	LB135463
CCV08	Arsenic	4910	5000	98	90 - 110	P	04/16/2025	20:08	LB135463
	Barium	9410	10000	94	90 - 110	P	04/16/2025	20:08	LB135463
	Cadmium	2390	2500	96	90 - 110	P	04/16/2025	20:08	LB135463
	Chromium	991	1000	99	90 - 110	P	04/16/2025	20:08	LB135463
	Copper	1210	1250	97	90 - 110	P	04/16/2025	20:08	LB135463
	Lead	4820	5000	96	90 - 110	P	04/16/2025	20:08	LB135463
	Nickel	2400	2500	96	90 - 110	P	04/16/2025	20:08	LB135463
	Selenium	4920	5000	98	90 - 110	P	04/16/2025	20:08	LB135463
	Silver	1210	1250	97	90 - 110	P	04/16/2025	20:08	LB135463
	Zinc	2430	2500	97	90 - 110	P	04/16/2025	20:08	LB135463