

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1382
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1382 **SAS No.:** Q1382
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
ICV14	Mercury	3.90	4.0	98	90 - 110	CV	02/24/2025	10:34	LB134788

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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
CCV07	Mercury	4.96	5.0	99	90 - 110	CV	02/24/2025	10:38	LB134788
CCV08	Mercury	4.84	5.0	97	90 - 110	CV	02/24/2025	11:09	LB134788
CCV09	Mercury	4.84	5.0	97	90 - 110	CV	02/24/2025	11:36	LB134788
CCV10	Mercury	4.69	5.0	94	90 - 110	CV	02/24/2025	12:03	LB134788
CCV11	Mercury	5.28	5.0	106	90 - 110	CV	02/24/2025	12:37	LB134788

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Client: Nobis Group SDG No.: Q1382
Contract: NOBI03 Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382
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
ICV01	Antimony	204	200	102	90 - 110	P	02/25/2025	11:33	LB134821
	Arsenic	201	200	100	90 - 110	P	02/25/2025	11:33	LB134821
	Barium	101	100	101	90 - 110	P	02/25/2025	11:33	LB134821
	Beryllium	97.7	100	98	90 - 110	P	02/25/2025	11:33	LB134821
	Cadmium	100.0	100	100	90 - 110	P	02/25/2025	11:33	LB134821
	Chromium	98.8	100	99	90 - 110	P	02/25/2025	11:33	LB134821
	Copper	107	100	106	90 - 110	P	02/25/2025	11:33	LB134821
	Lead	200	200	100	90 - 110	P	02/25/2025	11:33	LB134821
	Nickel	103	110	94	90 - 110	P	02/25/2025	11:33	LB134821
	Selenium	205	200	102	90 - 110	P	02/25/2025	11:33	LB134821
	Silver	47.1	50.0	94	90 - 110	P	02/25/2025	11:33	LB134821
	Thallium	197	210	94	90 - 110	P	02/25/2025	11:33	LB134821
	Vanadium	96.2	100	96	90 - 110	P	02/25/2025	11:33	LB134821
	Zinc	203	200	101	90 - 110	P	02/25/2025	11:33	LB134821

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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
LLICV	Antimony	2.12	2.0	106	80 - 120	P	02/25/2025	11:36	LB134821
	Arsenic	1.01	1.0	101	80 - 120	P	02/25/2025	11:36	LB134821
	Barium	10.6	10.0	106	80 - 120	P	02/25/2025	11:36	LB134821
	Beryllium	1.10	1.0	110	80 - 120	P	02/25/2025	11:36	LB134821
	Cadmium	0.93	1.0	93	80 - 120	P	02/25/2025	11:36	LB134821
	Chromium	2.00	2.0	100	80 - 120	P	02/25/2025	11:36	LB134821
	Copper	1.83	2.0	92	80 - 120	P	02/25/2025	11:36	LB134821
	Lead	1.09	1.0	109	80 - 120	P	02/25/2025	11:36	LB134821
	Nickel	0.94	1.0	94	80 - 120	P	02/25/2025	11:36	LB134821
	Selenium	5.23	5.0	105	80 - 120	P	02/25/2025	11:36	LB134821
	Silver	1.03	1.0	103	80 - 120	P	02/25/2025	11:36	LB134821
	Thallium	0.98	1.0	98	80 - 120	P	02/25/2025	11:36	LB134821
	Vanadium	5.09	5.0	102	80 - 120	P	02/25/2025	11:36	LB134821
	Zinc	5.56	5.0	111	80 - 120	P	02/25/2025	11:36	LB134821

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	473	500	95	90 - 110	P	02/25/2025	11:51	LB134821
	Arsenic	473	500	95	90 - 110	P	02/25/2025	11:51	LB134821
	Barium	2460	2500	98	90 - 110	P	02/25/2025	11:51	LB134821
	Beryllium	499	500	100	90 - 110	P	02/25/2025	11:51	LB134821
	Cadmium	470	500	94	90 - 110	P	02/25/2025	11:51	LB134821
	Chromium	482	500	96	90 - 110	P	02/25/2025	11:51	LB134821
	Copper	4650	5000	93	90 - 110	P	02/25/2025	11:51	LB134821
	Lead	2500	2500	100	90 - 110	P	02/25/2025	11:51	LB134821
	Nickel	478	500	96	90 - 110	P	02/25/2025	11:51	LB134821
	Selenium	469	500	94	90 - 110	P	02/25/2025	11:51	LB134821
	Silver	461	500	92	90 - 110	P	02/25/2025	11:51	LB134821
	Thallium	491	500	98	90 - 110	P	02/25/2025	11:51	LB134821
	Vanadium	463	500	93	90 - 110	P	02/25/2025	11:51	LB134821
	Zinc	4850	5000	97	90 - 110	P	02/25/2025	11:51	LB134821
CCV02	Antimony	479	500	96	90 - 110	P	02/25/2025	12:36	LB134821
	Arsenic	489	500	98	90 - 110	P	02/25/2025	12:36	LB134821
	Barium	2440	2500	98	90 - 110	P	02/25/2025	12:36	LB134821
	Beryllium	504	500	101	90 - 110	P	02/25/2025	12:36	LB134821
	Cadmium	474	500	95	90 - 110	P	02/25/2025	12:36	LB134821
	Chromium	494	500	99	90 - 110	P	02/25/2025	12:36	LB134821
	Copper	4740	5000	95	90 - 110	P	02/25/2025	12:36	LB134821
	Lead	2510	2500	100	90 - 110	P	02/25/2025	12:36	LB134821
	Nickel	456	500	91	90 - 110	P	02/25/2025	12:36	LB134821
	Selenium	482	500	96	90 - 110	P	02/25/2025	12:36	LB134821
	Silver	469	500	94	90 - 110	P	02/25/2025	12:36	LB134821
	Thallium	499	500	100	90 - 110	P	02/25/2025	12:36	LB134821
	Vanadium	478	500	96	90 - 110	P	02/25/2025	12:36	LB134821
	Zinc	4840	5000	97	90 - 110	P	02/25/2025	12:36	LB134821
CCV03	Antimony	482	500	96	90 - 110	P	02/25/2025	13:20	LB134821
	Arsenic	483	500	97	90 - 110	P	02/25/2025	13:20	LB134821
	Barium	2440	2500	97	90 - 110	P	02/25/2025	13:20	LB134821
	Beryllium	498	500	100	90 - 110	P	02/25/2025	13:20	LB134821
	Cadmium	471	500	94	90 - 110	P	02/25/2025	13:20	LB134821
	Chromium	500	500	100	90 - 110	P	02/25/2025	13:20	LB134821

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CCV03	Copper	4730	5000	95	90 - 110	P	02/25/2025	13:20	LB134821
	Lead	2490	2500	100	90 - 110	P	02/25/2025	13:20	LB134821
	Nickel	458	500	92	90 - 110	P	02/25/2025	13:20	LB134821
	Selenium	473	500	94	90 - 110	P	02/25/2025	13:20	LB134821
	Silver	465	500	93	90 - 110	P	02/25/2025	13:20	LB134821
	Thallium	495	500	99	90 - 110	P	02/25/2025	13:20	LB134821
	Vanadium	475	500	95	90 - 110	P	02/25/2025	13:20	LB134821
	Zinc	4830	5000	97	90 - 110	P	02/25/2025	13:20	LB134821
