

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1383
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383
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
ICV13	Mercury	4.00	4.0	100	90 - 110	CV	02/21/2025	12:52	LB134771

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1383
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383
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	4.73	5.0	95	90 - 110	CV	02/21/2025	12:56	LB134771
CCV02	Mercury	4.67	5.0	93	90 - 110	CV	02/21/2025	13:29	LB134771
CCV03	Mercury	4.93	5.0	98	90 - 110	CV	02/21/2025	13:57	LB134771
CCV04	Mercury	4.95	5.0	99	90 - 110	CV	02/21/2025	14:31	LB134771
CCV05	Mercury	5.42	5.0	108	90 - 110	CV	02/21/2025	15:01	LB134771
CCV06	Mercury	4.87	5.0	97	90 - 110	CV	02/21/2025	15:22	LB134771

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q1383
Contract: NOBI03 Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383
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	Aluminum	2500	2500	100	90 - 110	P	03/04/2025	10:07	LB134892
	Antimony	1000	1000	100	90 - 110	P	03/04/2025	10:07	LB134892
	Arsenic	1030	1000	103	90 - 110	P	03/04/2025	10:07	LB134892
	Barium	484	520	93	90 - 110	P	03/04/2025	10:07	LB134892
	Beryllium	501	510	98	90 - 110	P	03/04/2025	10:07	LB134892
	Cadmium	501	510	98	90 - 110	P	03/04/2025	10:07	LB134892
	Calcium	9670	10000	97	90 - 110	P	03/04/2025	10:07	LB134892
	Chromium	521	520	100	90 - 110	P	03/04/2025	10:07	LB134892
	Cobalt	508	520	98	90 - 110	P	03/04/2025	10:07	LB134892
	Copper	523	510	103	90 - 110	P	03/04/2025	10:07	LB134892
	Iron	9620	10000	96	90 - 110	P	03/04/2025	10:07	LB134892
	Lead	1010	1000	101	90 - 110	P	03/04/2025	10:07	LB134892
	Magnesium	5730	6000	95	90 - 110	P	03/04/2025	10:07	LB134892
	Manganese	500	520	96	90 - 110	P	03/04/2025	10:07	LB134892
	Nickel	511	530	96	90 - 110	P	03/04/2025	10:07	LB134892
	Potassium	9360	9900	95	90 - 110	P	03/04/2025	10:07	LB134892
	Selenium	1030	1000	103	90 - 110	P	03/04/2025	10:07	LB134892
	Silver	252	250	101	90 - 110	P	03/04/2025	10:07	LB134892
	Sodium	9450	10000	94	90 - 110	P	03/04/2025	10:07	LB134892
	Thallium	1050	1000	105	90 - 110	P	03/04/2025	10:07	LB134892
	Vanadium	480	500	96	90 - 110	P	03/04/2025	10:07	LB134892
	Zinc	1020	1000	102	90 - 110	P	03/04/2025	10:07	LB134892

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Client: Nobis Group **SDG No.:** Q1383
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383
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	Aluminum	104	100	104	80 - 120	P	03/04/2025	10:13	LB134892
	Antimony	49.5	50.0	99	80 - 120	P	03/04/2025	10:13	LB134892
	Arsenic	19.6	20.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Barium	93.1	100	93	80 - 120	P	03/04/2025	10:13	LB134892
	Beryllium	5.73	6.0	96	80 - 120	P	03/04/2025	10:13	LB134892
	Cadmium	5.93	6.0	99	80 - 120	P	03/04/2025	10:13	LB134892
	Calcium	1960	2000	98	80 - 120	P	03/04/2025	10:13	LB134892
	Chromium	10.0	10.0	100	80 - 120	P	03/04/2025	10:13	LB134892
	Cobalt	29.2	30.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Copper	22.5	20.0	112	80 - 120	P	03/04/2025	10:13	LB134892
	Iron	101	100	101	80 - 120	P	03/04/2025	10:13	LB134892
	Lead	11.9	12.0	99	80 - 120	P	03/04/2025	10:13	LB134892
	Magnesium	2070	2000	103	80 - 120	P	03/04/2025	10:13	LB134892
	Manganese	20.9	20.0	104	80 - 120	P	03/04/2025	10:13	LB134892
	Nickel	39.1	40.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Potassium	1900	2000	95	80 - 120	P	03/04/2025	10:13	LB134892
	Selenium	17.7	20.0	89	80 - 120	P	03/04/2025	10:13	LB134892
	Silver	10.4	10.0	104	80 - 120	P	03/04/2025	10:13	LB134892
	Sodium	1920	2000	96	80 - 120	P	03/04/2025	10:13	LB134892
	Thallium	39.3	40.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Vanadium	38.6	40.0	96	80 - 120	P	03/04/2025	10:13	LB134892
	Zinc	42.4	40.0	106	80 - 120	P	03/04/2025	10:13	LB134892

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Client: Nobis Group **SDG No.:** Q1383
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383
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	Aluminum	10200	10000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Antimony	5190	5000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Arsenic	5150	5000	103	90 - 110	P	03/04/2025	10:43	LB134892
	Barium	9920	10000	99	90 - 110	P	03/04/2025	10:43	LB134892
	Beryllium	252	250	101	90 - 110	P	03/04/2025	10:43	LB134892
	Cadmium	2540	2500	102	90 - 110	P	03/04/2025	10:43	LB134892
	Calcium	24800	25000	99	90 - 110	P	03/04/2025	10:43	LB134892
	Chromium	1040	1000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Cobalt	2530	2500	101	90 - 110	P	03/04/2025	10:43	LB134892
	Copper	1290	1250	103	90 - 110	P	03/04/2025	10:43	LB134892
	Iron	5110	5000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Lead	5100	5000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Magnesium	24800	25000	99	90 - 110	P	03/04/2025	10:43	LB134892
	Manganese	2430	2500	97	90 - 110	P	03/04/2025	10:43	LB134892
	Nickel	2550	2500	102	90 - 110	P	03/04/2025	10:43	LB134892
	Potassium	25700	25000	103	90 - 110	P	03/04/2025	10:43	LB134892
	Selenium	5180	5000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Silver	1280	1250	103	90 - 110	P	03/04/2025	10:43	LB134892
	Sodium	26200	25000	105	90 - 110	P	03/04/2025	10:43	LB134892
	Thallium	5210	5000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Vanadium	2510	2500	100	90 - 110	P	03/04/2025	10:43	LB134892
	Zinc	2610	2500	104	90 - 110	P	03/04/2025	10:43	LB134892
CCV02	Aluminum	9880	10000	99	90 - 110	P	03/04/2025	11:34	LB134892
	Antimony	5030	5000	101	90 - 110	P	03/04/2025	11:34	LB134892
	Arsenic	4960	5000	99	90 - 110	P	03/04/2025	11:34	LB134892
	Barium	9590	10000	96	90 - 110	P	03/04/2025	11:34	LB134892
	Beryllium	239	250	96	90 - 110	P	03/04/2025	11:34	LB134892
	Cadmium	2450	2500	98	90 - 110	P	03/04/2025	11:34	LB134892
	Calcium	23700	25000	95	90 - 110	P	03/04/2025	11:34	LB134892
	Chromium	1010	1000	101	90 - 110	P	03/04/2025	11:34	LB134892
	Cobalt	2460	2500	98	90 - 110	P	03/04/2025	11:34	LB134892
	Copper	1260	1250	101	90 - 110	P	03/04/2025	11:34	LB134892
	Iron	4840	5000	97	90 - 110	P	03/04/2025	11:34	LB134892
	Lead	4910	5000	98	90 - 110	P	03/04/2025	11:34	LB134892

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Client: Nobis Group **SDG No.:** Q1383

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383

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
CCV02	Magnesium	23900	25000	96	90 - 110	P	03/04/2025	11:34	LB134892
	Manganese	2340	2500	94	90 - 110	P	03/04/2025	11:34	LB134892
	Nickel	2450	2500	98	90 - 110	P	03/04/2025	11:34	LB134892
	Potassium	24400	25000	98	90 - 110	P	03/04/2025	11:34	LB134892
	Selenium	4990	5000	100	90 - 110	P	03/04/2025	11:34	LB134892
	Silver	1240	1250	99	90 - 110	P	03/04/2025	11:34	LB134892
	Sodium	25100	25000	100	90 - 110	P	03/04/2025	11:34	LB134892
	Thallium	5110	5000	102	90 - 110	P	03/04/2025	11:34	LB134892
	Vanadium	2420	2500	97	90 - 110	P	03/04/2025	11:34	LB134892
	Zinc	2520	2500	101	90 - 110	P	03/04/2025	11:34	LB134892
CCV03	Aluminum	9840	10000	98	90 - 110	P	03/04/2025	12:26	LB134892
	Antimony	5030	5000	101	90 - 110	P	03/04/2025	12:26	LB134892
	Arsenic	4980	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Barium	9750	10000	98	90 - 110	P	03/04/2025	12:26	LB134892
	Beryllium	238	250	95	90 - 110	P	03/04/2025	12:26	LB134892
	Cadmium	2470	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Calcium	24000	25000	96	90 - 110	P	03/04/2025	12:26	LB134892
	Chromium	1010	1000	101	90 - 110	P	03/04/2025	12:26	LB134892
	Cobalt	2480	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Copper	1270	1250	101	90 - 110	P	03/04/2025	12:26	LB134892
	Iron	5010	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Lead	4940	5000	99	90 - 110	P	03/04/2025	12:26	LB134892
	Magnesium	24200	25000	97	90 - 110	P	03/04/2025	12:26	LB134892
	Manganese	2400	2500	96	90 - 110	P	03/04/2025	12:26	LB134892
	Nickel	2470	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Potassium	24800	25000	99	90 - 110	P	03/04/2025	12:26	LB134892
	Selenium	5010	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Silver	1250	1250	100	90 - 110	P	03/04/2025	12:26	LB134892
	Sodium	25400	25000	102	90 - 110	P	03/04/2025	12:26	LB134892
	Thallium	5190	5000	104	90 - 110	P	03/04/2025	12:26	LB134892
	Vanadium	2460	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Zinc	2530	2500	101	90 - 110	P	03/04/2025	12:26	LB134892
	Aluminum	9650	10000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Antimony	4900	5000	98	90 - 110	P	03/04/2025	13:27	LB134892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q1383
Contract: NOBI03 Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383
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	Arsenic	4840	5000	97	90 - 110	P	03/04/2025	13:27	LB134892
	Barium	9620	10000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Beryllium	240	250	96	90 - 110	P	03/04/2025	13:27	LB134892
	Cadmium	2400	2500	96	90 - 110	P	03/04/2025	13:27	LB134892
	Calcium	23600	25000	94	90 - 110	P	03/04/2025	13:27	LB134892
	Chromium	984	1000	98	90 - 110	P	03/04/2025	13:27	LB134892
	Cobalt	2410	2500	96	90 - 110	P	03/04/2025	13:27	LB134892
	Copper	1230	1250	99	90 - 110	P	03/04/2025	13:27	LB134892
	Iron	4810	5000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Lead	4820	5000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Magnesium	23800	25000	95	90 - 110	P	03/04/2025	13:27	LB134892
	Manganese	2370	2500	95	90 - 110	P	03/04/2025	13:27	LB134892
	Nickel	2410	2500	96	90 - 110	P	03/04/2025	13:27	LB134892
	Potassium	23900	25000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Selenium	4880	5000	98	90 - 110	P	03/04/2025	13:27	LB134892
	Silver	1220	1250	98	90 - 110	P	03/04/2025	13:27	LB134892
	Sodium	24300	25000	97	90 - 110	P	03/04/2025	13:27	LB134892
	Thallium	5070	5000	101	90 - 110	P	03/04/2025	13:27	LB134892
	Vanadium	2420	2500	97	90 - 110	P	03/04/2025	13:27	LB134892
	Zinc	2470	2500	99	90 - 110	P	03/04/2025	13:27	LB134892
CCV05	Aluminum	9280	10000	93	90 - 110	P	03/04/2025	14:08	LB134892
	Antimony	4750	5000	95	90 - 110	P	03/04/2025	14:08	LB134892
	Arsenic	4680	5000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Barium	9150	10000	92	90 - 110	P	03/04/2025	14:08	LB134892
	Beryllium	228	250	91	90 - 110	P	03/04/2025	14:08	LB134892
	Cadmium	2300	2500	92	90 - 110	P	03/04/2025	14:08	LB134892
	Calcium	22700	25000	91	90 - 110	P	03/04/2025	14:08	LB134892
	Chromium	938	1000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Cobalt	2320	2500	93	90 - 110	P	03/04/2025	14:08	LB134892
	Copper	1190	1250	96	90 - 110	P	03/04/2025	14:08	LB134892
	Iron	4570	5000	91	90 - 110	P	03/04/2025	14:08	LB134892
	Lead	4630	5000	92	90 - 110	P	03/04/2025	14:08	LB134892
	Magnesium	22800	25000	91	90 - 110	P	03/04/2025	14:08	LB134892
	Manganese	2280	2500	91	90 - 110	P	03/04/2025	14:08	LB134892

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Client: Nobis Group **SDG No.:** Q1383
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1383 **SAS No.:** Q1383
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
CCV05	Nickel	2320	2500	93	90 - 110	P	03/04/2025	14:08	LB134892
	Potassium	22700	25000	91	90 - 110	P	03/04/2025	14:08	LB134892
	Selenium	4710	5000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Silver	1160	1250	93	90 - 110	P	03/04/2025	14:08	LB134892
	Sodium	23100	25000	92	90 - 110	P	03/04/2025	14:08	LB134892
	Thallium	4840	5000	97	90 - 110	P	03/04/2025	14:08	LB134892
	Vanadium	2320	2500	93	90 - 110	P	03/04/2025	14:08	LB134892
	Zinc	2340	2500	94	90 - 110	P	03/04/2025	14:08	LB134892
CCV06	Aluminum	9660	10000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Antimony	4950	5000	99	90 - 110	P	03/04/2025	14:30	LB134892
	Arsenic	4890	5000	98	90 - 110	P	03/04/2025	14:30	LB134892
	Barium	9530	10000	95	90 - 110	P	03/04/2025	14:30	LB134892
	Beryllium	241	250	96	90 - 110	P	03/04/2025	14:30	LB134892
	Cadmium	2420	2500	97	90 - 110	P	03/04/2025	14:30	LB134892
	Calcium	23300	25000	93	90 - 110	P	03/04/2025	14:30	LB134892
	Chromium	992	1000	99	90 - 110	P	03/04/2025	14:30	LB134892
	Cobalt	2440	2500	98	90 - 110	P	03/04/2025	14:30	LB134892
	Copper	1250	1250	100	90 - 110	P	03/04/2025	14:30	LB134892
	Iron	4840	5000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Lead	4850	5000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Magnesium	23700	25000	95	90 - 110	P	03/04/2025	14:30	LB134892
	Manganese	2350	2500	94	90 - 110	P	03/04/2025	14:30	LB134892
	Nickel	2420	2500	97	90 - 110	P	03/04/2025	14:30	LB134892
	Potassium	24000	25000	96	90 - 110	P	03/04/2025	14:30	LB134892
	Selenium	4910	5000	98	90 - 110	P	03/04/2025	14:30	LB134892
	Silver	1240	1250	99	90 - 110	P	03/04/2025	14:30	LB134892
	Sodium	24700	25000	99	90 - 110	P	03/04/2025	14:30	LB134892
	Thallium	5000	5000	100	90 - 110	P	03/04/2025	14:30	LB134892
	Vanadium	2410	2500	97	90 - 110	P	03/04/2025	14:30	LB134892
	Zinc	2500	2500	100	90 - 110	P	03/04/2025	14:30	LB134892