

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1984
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1984 **SAS No.:** Q1984
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
ICV08	Mercury	3.70	4.0	93	90 - 110	CV	05/14/2025	11:42	LB135763

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1984
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1984 **SAS No.:** Q1984
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
CCV22	Mercury	4.97	5.0	100	90 - 110	CV	05/14/2025	11:46	LB135763
CCV23	Mercury	5.44	5.0	109	90 - 110	CV	05/14/2025	12:24	LB135763
CCV24	Mercury	5.50	5.0	110	90 - 110	CV	05/14/2025	12:51	LB135763
CCV25	Mercury	4.82	5.0	96	90 - 110	CV	05/14/2025	13:28	LB135763
CCV26	Mercury	5.14	5.0	103	90 - 110	CV	05/14/2025	13:55	LB135763
CCV27	Mercury	4.71	5.0	94	90 - 110	CV	05/14/2025	14:23	LB135763
CCV28	Mercury	4.80	5.0	96	90 - 110	CV	05/14/2025	14:39	LB135763
CCV29	Mercury	5.15	5.0	103	90 - 110	CV	05/14/2025	14:57	LB135763

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q1984
 Contract: NOBI03 Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984
 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	197	200	98	90 - 110	P	05/21/2025	14:30	LB135886
	Arsenic	198	200	99	90 - 110	P	05/21/2025	14:30	LB135886
	Barium	99.2	100	99	90 - 110	P	05/21/2025	14:30	LB135886
	Beryllium	106	100	106	90 - 110	P	05/21/2025	14:30	LB135886
	Cadmium	101	100	101	90 - 110	P	05/21/2025	14:30	LB135886
	Chromium	101	100	100	90 - 110	P	05/21/2025	14:30	LB135886
	Copper	108	100	108	90 - 110	P	05/21/2025	14:30	LB135886
	Lead	203	200	102	90 - 110	P	05/21/2025	14:30	LB135886
	Nickel	111	110	101	90 - 110	P	05/21/2025	14:30	LB135886
	Selenium	207	200	104	90 - 110	P	05/21/2025	14:30	LB135886
	Silver	47.6	50.0	95	90 - 110	P	05/21/2025	14:30	LB135886
	Thallium	206	210	98	90 - 110	P	05/21/2025	14:30	LB135886
	Vanadium	98.6	100	99	90 - 110	P	05/21/2025	14:30	LB135886
	Zinc	212	200	106	90 - 110	P	05/21/2025	14:30	LB135886

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Client: Nobis Group SDG No.: Q1984
 Contract: NOBI03 Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984
 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
LLICV01	Antimony	1.96	2.0	98	80 - 120	P	05/21/2025	14:33	LB135886
	Arsenic	1.00	1.0	100	80 - 120	P	05/21/2025	14:33	LB135886
	Barium	9.67	10.0	97	80 - 120	P	05/21/2025	14:33	LB135886
	Beryllium	1.14	1.0	114	80 - 120	P	05/21/2025	14:33	LB135886
	Cadmium	0.90	1.0	90	80 - 120	P	05/21/2025	14:33	LB135886
	Chromium	1.99	2.0	100	80 - 120	P	05/21/2025	14:33	LB135886
	Copper	2.14	2.0	107	80 - 120	P	05/21/2025	14:33	LB135886
	Lead	0.83	1.0	83	80 - 120	P	05/21/2025	14:33	LB135886
	Nickel	0.93	1.0	93	80 - 120	P	05/21/2025	14:33	LB135886
	Selenium	4.91	5.0	98	80 - 120	P	05/21/2025	14:33	LB135886
	Silver	1.08	1.0	108	80 - 120	P	05/21/2025	14:33	LB135886
	Thallium	0.93	1.0	93	80 - 120	P	05/21/2025	14:33	LB135886
	Vanadium	4.86	5.0	97	80 - 120	P	05/21/2025	14:33	LB135886
	Zinc	5.18	5.0	104	80 - 120	P	05/21/2025	14:33	LB135886

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Client: Nobis Group **SDG No.:** Q1984
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1984 **SAS No.:** Q1984
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	Antimony	501	500	100	90 - 110	P	05/21/2025	14:51	LB135886
	Arsenic	506	500	101	90 - 110	P	05/21/2025	14:51	LB135886
	Barium	2570	2500	103	90 - 110	P	05/21/2025	14:51	LB135886
	Beryllium	529	500	106	90 - 110	P	05/21/2025	14:51	LB135886
	Cadmium	504	500	101	90 - 110	P	05/21/2025	14:51	LB135886
	Chromium	523	500	105	90 - 110	P	05/21/2025	14:51	LB135886
	Copper	5060	5000	101	90 - 110	P	05/21/2025	14:51	LB135886
	Lead	2600	2500	104	90 - 110	P	05/21/2025	14:51	LB135886
	Nickel	473	500	95	90 - 110	P	05/21/2025	14:51	LB135886
	Selenium	495	500	99	90 - 110	P	05/21/2025	14:51	LB135886
	Silver	492	500	98	90 - 110	P	05/21/2025	14:51	LB135886
	Thallium	524	500	105	90 - 110	P	05/21/2025	14:51	LB135886
	Vanadium	535	500	107	90 - 110	P	05/21/2025	14:51	LB135886
	Zinc	5180	5000	104	90 - 110	P	05/21/2025	14:51	LB135886
CCV02	Antimony	506	500	101	90 - 110	P	05/21/2025	15:59	LB135886
	Arsenic	500	500	100	90 - 110	P	05/21/2025	15:59	LB135886
	Barium	2570	2500	103	90 - 110	P	05/21/2025	15:59	LB135886
	Beryllium	530	500	106	90 - 110	P	05/21/2025	15:59	LB135886
	Cadmium	508	500	102	90 - 110	P	05/21/2025	15:59	LB135886
	Chromium	523	500	105	90 - 110	P	05/21/2025	15:59	LB135886
	Copper	5080	5000	102	90 - 110	P	05/21/2025	15:59	LB135886
	Lead	2590	2500	104	90 - 110	P	05/21/2025	15:59	LB135886
	Nickel	471	500	94	90 - 110	P	05/21/2025	15:59	LB135886
	Selenium	492	500	98	90 - 110	P	05/21/2025	15:59	LB135886
	Silver	494	500	99	90 - 110	P	05/21/2025	15:59	LB135886
	Thallium	518	500	104	90 - 110	P	05/21/2025	15:59	LB135886
	Vanadium	526	500	105	90 - 110	P	05/21/2025	15:59	LB135886
	Zinc	5260	5000	105	90 - 110	P	05/21/2025	15:59	LB135886
CCV03	Antimony	493	500	99	90 - 110	P	05/21/2025	16:57	LB135886
	Arsenic	480	500	96	90 - 110	P	05/21/2025	16:57	LB135886
	Barium	2500	2500	100	90 - 110	P	05/21/2025	16:57	LB135886
	Beryllium	525	500	105	90 - 110	P	05/21/2025	16:57	LB135886
	Cadmium	488	500	98	90 - 110	P	05/21/2025	16:57	LB135886
	Chromium	503	500	101	90 - 110	P	05/21/2025	16:57	LB135886

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Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1984 **SAS No.:** Q1984
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
CCV03	Copper	4870	5000	98	90 - 110	P	05/21/2025	16:57	LB135886
	Lead	2530	2500	101	90 - 110	P	05/21/2025	16:57	LB135886
	Nickel	451	500	90	90 - 110	P	05/21/2025	16:57	LB135886
	Selenium	488	500	98	90 - 110	P	05/21/2025	16:57	LB135886
	Silver	484	500	97	90 - 110	P	05/21/2025	16:57	LB135886
	Thallium	511	500	102	90 - 110	P	05/21/2025	16:57	LB135886
	Vanadium	504	500	101	90 - 110	P	05/21/2025	16:57	LB135886
	Zinc	4990	5000	100	90 - 110	P	05/21/2025	16:57	LB135886
CCV04	Antimony	505	500	101	90 - 110	P	05/21/2025	18:04	LB135886
	Arsenic	497	500	99	90 - 110	P	05/21/2025	18:04	LB135886
	Barium	2570	2500	103	90 - 110	P	05/21/2025	18:04	LB135886
	Beryllium	545	500	109	90 - 110	P	05/21/2025	18:04	LB135886
	Cadmium	503	500	101	90 - 110	P	05/21/2025	18:04	LB135886
	Chromium	537	500	108	90 - 110	P	05/21/2025	18:04	LB135886
	Copper	5030	5000	101	90 - 110	P	05/21/2025	18:04	LB135886
	Lead	2590	2500	103	90 - 110	P	05/21/2025	18:04	LB135886
	Nickel	476	500	95	90 - 110	P	05/21/2025	18:04	LB135886
	Selenium	495	500	99	90 - 110	P	05/21/2025	18:04	LB135886
	Silver	494	500	99	90 - 110	P	05/21/2025	18:04	LB135886
	Thallium	516	500	103	90 - 110	P	05/21/2025	18:04	LB135886
	Vanadium	536	500	107	90 - 110	P	05/21/2025	18:04	LB135886
	Zinc	5130	5000	103	90 - 110	P	05/21/2025	18:04	LB135886

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Contract: NOBI03 Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984
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	196	200	98	90 - 110	P	05/22/2025	13:26	LB135893
	Arsenic	192	200	96	90 - 110	P	05/22/2025	13:26	LB135893
	Barium	97.9	100	98	90 - 110	P	05/22/2025	13:26	LB135893
	Beryllium	106	100	106	90 - 110	P	05/22/2025	13:26	LB135893
	Cadmium	98.0	100	98	90 - 110	P	05/22/2025	13:26	LB135893
	Chromium	95.9	100	96	90 - 110	P	05/22/2025	13:26	LB135893
	Copper	101	100	101	90 - 110	P	05/22/2025	13:26	LB135893
	Lead	200	200	100	90 - 110	P	05/22/2025	13:26	LB135893
	Nickel	110	110	100	90 - 110	P	05/22/2025	13:26	LB135893
	Selenium	204	200	102	90 - 110	P	05/22/2025	13:26	LB135893
	Silver	46.6	50.0	93	90 - 110	P	05/22/2025	13:26	LB135893
	Thallium	203	210	97	90 - 110	P	05/22/2025	13:26	LB135893
	Vanadium	95.4	100	95	90 - 110	P	05/22/2025	13:26	LB135893
	Zinc	201	200	100	90 - 110	P	05/22/2025	13:26	LB135893

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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
LLICV01	Antimony	2.08	2.0	104	80 - 120	P	05/22/2025	13:33	LB135893
	Arsenic	1.05	1.0	105	80 - 120	P	05/22/2025	13:33	LB135893
	Barium	10.4	10.0	104	80 - 120	P	05/22/2025	13:33	LB135893
	Beryllium	1.19	1.0	119	80 - 120	P	05/22/2025	13:33	LB135893
	Cadmium	0.89	1.0	89	80 - 120	P	05/22/2025	13:33	LB135893
	Chromium	2.01	2.0	100	80 - 120	P	05/22/2025	13:33	LB135893
	Copper	2.04	2.0	102	80 - 120	P	05/22/2025	13:33	LB135893
	Lead	0.88	1.0	88	80 - 120	P	05/22/2025	13:33	LB135893
	Nickel	0.94	1.0	94	80 - 120	P	05/22/2025	13:33	LB135893
	Selenium	5.54	5.0	111	80 - 120	P	05/22/2025	13:33	LB135893
	Silver	1.12	1.0	112	80 - 120	P	05/22/2025	13:33	LB135893
	Thallium	1.01	1.0	101	80 - 120	P	05/22/2025	13:33	LB135893
	Vanadium	5.19	5.0	104	80 - 120	P	05/22/2025	13:33	LB135893
	Zinc	5.44	5.0	109	80 - 120	P	05/22/2025	13:33	LB135893

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Client: Nobis Group SDG No.: Q1984
Contract: NOBI03 Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984
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	Antimony	500	500	100	90 - 110	P	05/22/2025	13:50	LB135893
	Arsenic	505	500	101	90 - 110	P	05/22/2025	13:50	LB135893
	Barium	2530	2500	101	90 - 110	P	05/22/2025	13:50	LB135893
	Beryllium	520	500	104	90 - 110	P	05/22/2025	13:50	LB135893
	Cadmium	483	500	96	90 - 110	P	05/22/2025	13:50	LB135893
	Chromium	492	500	98	90 - 110	P	05/22/2025	13:50	LB135893
	Copper	5080	5000	102	90 - 110	P	05/22/2025	13:50	LB135893
	Lead	2590	2500	104	90 - 110	P	05/22/2025	13:50	LB135893
	Nickel	492	500	98	90 - 110	P	05/22/2025	13:50	LB135893
	Selenium	499	500	100	90 - 110	P	05/22/2025	13:50	LB135893
	Silver	481	500	96	90 - 110	P	05/22/2025	13:50	LB135893
	Thallium	511	500	102	90 - 110	P	05/22/2025	13:50	LB135893
	Vanadium	508	500	102	90 - 110	P	05/22/2025	13:50	LB135893
	Zinc	5280	5000	106	90 - 110	P	05/22/2025	13:50	LB135893
CCV02	Antimony	504	500	101	90 - 110	P	05/22/2025	14:24	LB135893
	Arsenic	491	500	98	90 - 110	P	05/22/2025	14:24	LB135893
	Barium	2590	2500	104	90 - 110	P	05/22/2025	14:24	LB135893
	Beryllium	512	500	102	90 - 110	P	05/22/2025	14:24	LB135893
	Cadmium	495	500	99	90 - 110	P	05/22/2025	14:24	LB135893
	Chromium	478	500	96	90 - 110	P	05/22/2025	14:24	LB135893
	Copper	4970	5000	99	90 - 110	P	05/22/2025	14:24	LB135893
	Lead	2500	2500	100	90 - 110	P	05/22/2025	14:24	LB135893
	Nickel	479	500	96	90 - 110	P	05/22/2025	14:24	LB135893
	Selenium	508	500	102	90 - 110	P	05/22/2025	14:24	LB135893
	Silver	490	500	98	90 - 110	P	05/22/2025	14:24	LB135893
	Thallium	499	500	100	90 - 110	P	05/22/2025	14:24	LB135893
	Vanadium	495	500	99	90 - 110	P	05/22/2025	14:24	LB135893
	Zinc	5100	5000	102	90 - 110	P	05/22/2025	14:24	LB135893