284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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
ICV106	Mercury	3.82	4.0	96	90 - 110	CV	04/29/2025	13:51	LB135594

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Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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
CCV43	Mercury	5.07	5.0	101	90 - 110	CV	04/29/2025	13:56	LB135594
CCV44	Mercury	4.91	5.0	98	90 - 110	CV	04/29/2025	14:26	LB135594
CCV45	Mercury	4.90	5.0	98	90 - 110	CV	04/29/2025	14:53	LB135594

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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	203	200	101	90 - 110	P	04/29/2025	12:14	LB135595
	Arsenic	200	200	100	90 - 110	P	04/29/2025	12:14	LB135595
	Barium	102	100	102	90 - 110	P	04/29/2025	12:14	LB135595
	Beryllium	106	100	106	90 - 110	P	04/29/2025	12:14	LB135595
	Cadmium	103	100	104	90 - 110	P	04/29/2025	12:14	LB135595
	Chromium	101	100	101	90 - 110	P	04/29/2025	12:14	LB135595
	Copper	107	100	107	90 - 110	P	04/29/2025	12:14	LB135595
	Lead	194	200	97	90 - 110	P	04/29/2025	12:14	LB135595
	Nickel	105	110	96	90 - 110	P	04/29/2025	12:14	LB135595
	Selenium	211	200	105	90 - 110	P	04/29/2025	12:14	LB135595
	Silver	54.5	50.0	109	90 - 110	P	04/29/2025	12:14	LB135595
	Thallium	193	210	92	90 - 110	P	04/29/2025	12:14	LB135595
	Vanadium	100	100	100	90 - 110	P	04/29/2025	12:14	LB135595
	Zinc	201	200	100	90 - 110	P	04/29/2025	12:14	LB135595

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Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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	2.00	2.0	100	80 - 120	P	04/29/2025	12:18	LB135595
	Arsenic	0.98	1.0	98	80 - 120	P	04/29/2025	12:18	LB135595
	Barium	9.98	10.0	100	80 - 120	P	04/29/2025	12:18	LB135595
	Beryllium	1.12	1.0	112	80 - 120	P	04/29/2025	12:18	LB135595
	Cadmium	1.06	1.0	106	80 - 120	P	04/29/2025	12:18	LB135595
	Chromium	2.02	2.0	101	80 - 120	P	04/29/2025	12:18	LB135595
	Copper	2.13	2.0	106	80 - 120	P	04/29/2025	12:18	LB135595
	Lead	0.96	1.0	96	80 - 120	P	04/29/2025	12:18	LB135595
	Nickel	1.07	1.0	107	80 - 120	P	04/29/2025	12:18	LB135595
	Selenium	5.22	5.0	104	80 - 120	P	04/29/2025	12:18	LB135595
	Silver	1.02	1.0	102	80 - 120	P	04/29/2025	12:18	LB135595
	Thallium	0.94	1.0	94	80 - 120	P	04/29/2025	12:18	LB135595
	Vanadium	5.14	5.0	103	80 - 120	P	04/29/2025	12:18	LB135595
	Zinc	5.15	5.0	103	80 - 120	P	04/29/2025	12:18	LB135595

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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	519	500	104	90 - 110	P	04/29/2025	12:40	LB135595
	Arsenic	498	500	100	90 - 110	P	04/29/2025	12:40	LB135595
	Barium	2640	2500	105	90 - 110	P	04/29/2025	12:40	LB135595
	Beryllium	521	500	104	90 - 110	P	04/29/2025	12:40	LB135595
	Cadmium	515	500	103	90 - 110	P	04/29/2025	12:40	LB135595
	Chromium	510	500	102	90 - 110	P	04/29/2025	12:40	LB135595
	Copper	4670	5000	94	90 - 110	P	04/29/2025	12:40	LB135595
	Lead	2510	2500	100	90 - 110	P	04/29/2025	12:40	LB135595
	Nickel	461	500	92	90 - 110	P	04/29/2025	12:40	LB135595
	Selenium	487	500	97	90 - 110	P	04/29/2025	12:40	LB135595
	Silver	508	500	102	90 - 110	P	04/29/2025	12:40	LB135595
	Thallium	511	500	102	90 - 110	P	04/29/2025	12:40	LB135595
	Vanadium	512	500	102	90 - 110	P	04/29/2025	12:40	LB135595
	Zinc	4730	5000	95	90 - 110	P	04/29/2025	12:40	LB135595
CCV02	Antimony	516	500	103	90 - 110	P	04/29/2025	13:03	LB135595
	Arsenic	498	500	100	90 - 110	P	04/29/2025	13:03	LB135595
	Barium	2630	2500	105	90 - 110	P	04/29/2025	13:03	LB135595
	Beryllium	523	500	105	90 - 110	P	04/29/2025	13:03	LB135595
	Cadmium	514	500	103	90 - 110	P	04/29/2025	13:03	LB135595
	Chromium	511	500	102	90 - 110	P	04/29/2025	13:03	LB135595
	Copper	4690	5000	94	90 - 110	P	04/29/2025	13:03	LB135595
	Lead	2490	2500	100	90 - 110	P	04/29/2025	13:03	LB135595
	Nickel	455	500	91	90 - 110	P	04/29/2025	13:03	LB135595
	Selenium	483	500	97	90 - 110	P	04/29/2025	13:03	LB135595
	Silver	505	500	101	90 - 110	P	04/29/2025	13:03	LB135595
	Thallium	505	500	101	90 - 110	P	04/29/2025	13:03	LB135595
	Vanadium	510	500	102	90 - 110	P	04/29/2025	13:03	LB135595
	Zinc	4760	5000	95	90 - 110	P	04/29/2025	13:03	LB135595
CCV03	Antimony	509	500	102	90 - 110	P	04/29/2025	14:47	LB135595
	Arsenic	501	500	100	90 - 110	P	04/29/2025	14:47	LB135595
	Barium	2560	2500	102	90 - 110	P	04/29/2025	14:47	LB135595
	Beryllium	536	500	107	90 - 110	P	04/29/2025	14:47	LB135595
	Cadmium	502	500	100	90 - 110	P	04/29/2025	14:47	LB135595
	Chromium	513	500	103	90 - 110	P	04/29/2025	14:47	LB135595

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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	4740	5000	95	90 - 110	P	04/29/2025	14:47	LB135595
	Lead	2500	2500	100	90 - 110	P	04/29/2025	14:47	LB135595
	Nickel	458	500	92	90 - 110	P	04/29/2025	14:47	LB135595
	Selenium	482	500	96	90 - 110	P	04/29/2025	14:47	LB135595
	Silver	496	500	99	90 - 110	P	04/29/2025	14:47	LB135595
	Thallium	501	500	100	90 - 110	P	04/29/2025	14:47	LB135595
	Vanadium	512	500	102	90 - 110	P	04/29/2025	14:47	LB135595
	Zinc	4790	5000	96	90 - 110	P	04/29/2025	14:47	LB135595
CCV04	Antimony	510	500	102	90 - 110	P	04/29/2025	15:41	LB135595
	Arsenic	498	500	100	90 - 110	P	04/29/2025	15:41	LB135595
	Barium	2590	2500	104	90 - 110	P	04/29/2025	15:41	LB135595
	Beryllium	538	500	108	90 - 110	P	04/29/2025	15:41	LB135595
	Cadmium	510	500	102	90 - 110	P	04/29/2025	15:41	LB135595
	Chromium	513	500	103	90 - 110	P	04/29/2025	15:41	LB135595
	Copper	4730	5000	95	90 - 110	P	04/29/2025	15:41	LB135595
	Lead	2510	2500	100	90 - 110	P	04/29/2025	15:41	LB135595
	Nickel	454	500	91	90 - 110	P	04/29/2025	15:41	LB135595
	Selenium	480	500	96	90 - 110	P	04/29/2025	15:41	LB135595
	Silver	499	500	100	90 - 110	P	04/29/2025	15:41	LB135595
	Thallium	505	500	101	90 - 110	P	04/29/2025	15:41	LB135595
	Vanadium	510	500	102	90 - 110	P	04/29/2025	15:41	LB135595
	Zinc	4800	5000	96	90 - 110	P	04/29/2025	15:41	LB135595
CCV05	Antimony	508	500	102	90 - 110	P	04/29/2025	16:20	LB135595
	Arsenic	503	500	101	90 - 110	P	04/29/2025	16:20	LB135595
	Barium	2560	2500	102	90 - 110	P	04/29/2025	16:20	LB135595
	Beryllium	522	500	104	90 - 110	P	04/29/2025	16:20	LB135595
	Cadmium	504	500	101	90 - 110	P	04/29/2025	16:20	LB135595
	Chromium	513	500	103	90 - 110	P	04/29/2025	16:20	LB135595
	Copper	4740	5000	95	90 - 110	P	04/29/2025	16:20	LB135595
	Lead	2460	2500	99	90 - 110	P	04/29/2025	16:20	LB135595
	Nickel	456	500	91	90 - 110	P	04/29/2025	16:20	LB135595
	Selenium	470	500	94	90 - 110	P	04/29/2025	16:20	LB135595
	Silver	495	500	99	90 - 110	P	04/29/2025	16:20	LB135595
	Thallium	501	500	100	90 - 110	P	04/29/2025	16:20	LB135595

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q1883

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q1883 **SAS No.:** Q1883

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
CCV05	Vanadium	518	500	104	90 - 110	P	04/29/2025	16:20	LB135595
	Zinc	4810	5000	96	90 - 110	P	04/29/2025	16:20	LB135595
CCV06	Antimony	515	500	103	90 - 110	P	04/29/2025	17:03	LB135595
	Arsenic	505	500	101	90 - 110	P	04/29/2025	17:03	LB135595
	Barium	2580	2500	103	90 - 110	P	04/29/2025	17:03	LB135595
	Beryllium	545	500	109	90 - 110	P	04/29/2025	17:03	LB135595
	Cadmium	515	500	103	90 - 110	P	04/29/2025	17:03	LB135595
	Chromium	519	500	104	90 - 110	P	04/29/2025	17:03	LB135595
	Copper	4690	5000	94	90 - 110	P	04/29/2025	17:03	LB135595
	Lead	2450	2500	98	90 - 110	P	04/29/2025	17:03	LB135595
	Nickel	450	500	90	90 - 110	P	04/29/2025	17:03	LB135595
	Selenium	474	500	95	90 - 110	P	04/29/2025	17:03	LB135595
	Silver	506	500	101	90 - 110	P	04/29/2025	17:03	LB135595
	Thallium	500	500	100	90 - 110	P	04/29/2025	17:03	LB135595
	Vanadium	523	500	105	90 - 110	P	04/29/2025	17:03	LB135595
	Zinc	4750	5000	95	90 - 110	P	04/29/2025	17:03	LB135595
CCV07	Antimony	520	500	104	90 - 110	P	04/29/2025	17:41	LB135595
	Arsenic	511	500	102	90 - 110	P	04/29/2025	17:41	LB135595
	Barium	2620	2500	105	90 - 110	P	04/29/2025	17:41	LB135595
	Beryllium	553	500	110	90 - 110	P	04/29/2025	17:41	LB135595
	Cadmium	522	500	104	90 - 110	P	04/29/2025	17:41	LB135595
	Chromium	515	500	103	90 - 110	P	04/29/2025	17:41	LB135595
	Copper	4710	5000	94	90 - 110	P	04/29/2025	17:41	LB135595
	Lead	2470	2500	99	90 - 110	P	04/29/2025	17:41	LB135595
	Nickel	454	500	91	90 - 110	P	04/29/2025	17:41	LB135595
	Selenium	484	500	97	90 - 110	P	04/29/2025	17:41	LB135595
	Silver	511	500	102	90 - 110	P	04/29/2025	17:41	LB135595
	Thallium	498	500	100	90 - 110	P	04/29/2025	17:41	LB135595
	Vanadium	520	500	104	90 - 110	P	04/29/2025	17:41	LB135595
	Zinc	4780	5000	96	90 - 110	P	04/29/2025	17:41	LB135595