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.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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
ICV25	Mercury	3.84	4.0	96	90 - 110	CV	12/19/2024	11:58	LB134010

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Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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
CCV46	Mercury	4.72	5.0	94	90 - 110	CV	12/19/2024	12:03	LB134010
CCV47	Mercury	5.07	5.0	102	90 - 110	CV	12/19/2024	12:58	LB134010
CCV48	Mercury	4.90	5.0	98	90 - 110	CV	12/19/2024	13:36	LB134010
CCV49	Mercury	4.76	5.0	95	90 - 110	CV	12/19/2024	14:00	LB134010
CCV50	Mercury	4.80	5.0	96	90 - 110	CV	12/19/2024	14:28	LB134010

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Client: Nobis Group **SDG No.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	213	200	106	90 - 110	P	12/23/2024	12:06	LB134070
	Arsenic	217	200	109	90 - 110	P	12/23/2024	12:06	LB134070
	Barium	102	100	102	90 - 110	P	12/23/2024	12:06	LB134070
	Beryllium	107	100	107	90 - 110	P	12/23/2024	12:06	LB134070
	Cadmium	108	100	108	90 - 110	P	12/23/2024	12:06	LB134070
	Chromium	104	100	104	90 - 110	P	12/23/2024	12:06	LB134070
	Copper	97.3	100	97	90 - 110	P	12/23/2024	12:06	LB134070
	Lead	194	200	97	90 - 110	P	12/23/2024	12:06	LB134070
	Nickel	105	110	95	90 - 110	P	12/23/2024	12:06	LB134070
	Selenium	218	200	109	90 - 110	P	12/23/2024	12:06	LB134070
	Silver	51.6	50.0	103	90 - 110	P	12/23/2024	12:06	LB134070
	Thallium	198	210	94	90 - 110	P	12/23/2024	12:06	LB134070
	Vanadium	101	100	101	90 - 110	P	12/23/2024	12:06	LB134070
	Zinc	198	200	99	90 - 110	P	12/23/2024	12:06	LB134070

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Client: Nobis Group **SDG No.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	2.17	2.0	108	80 - 120	P	12/23/2024	12:20	LB134070
	Arsenic	1.16	1.0	116	80 - 120	P	12/23/2024	12:20	LB134070
	Barium	10.5	10.0	105	80 - 120	P	12/23/2024	12:20	LB134070
	Beryllium	1.20	1.0	120	80 - 120	P	12/23/2024	12:20	LB134070
	Cadmium	1.05	1.0	105	80 - 120	P	12/23/2024	12:20	LB134070
	Chromium	2.15	2.0	108	80 - 120	P	12/23/2024	12:20	LB134070
	Copper	2.08	2.0	104	80 - 120	P	12/23/2024	12:20	LB134070
	Lead	0.96	1.0	96	80 - 120	P	12/23/2024	12:20	LB134070
	Nickel	1.07	1.0	107	80 - 120	P	12/23/2024	12:20	LB134070
	Selenium	5.48	5.0	110	80 - 120	P	12/23/2024	12:20	LB134070
	Silver	1.10	1.0	110	80 - 120	P	12/23/2024	12:20	LB134070
	Thallium	0.95	1.0	95	80 - 120	P	12/23/2024	12:20	LB134070
	Vanadium	5.31	5.0	106	80 - 120	P	12/23/2024	12:20	LB134070
	Zinc	5.47	5.0	109	80 - 120	P	12/23/2024	12:20	LB134070

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	496	500	99	90 - 110	P	12/23/2024	12:35	LB134070
	Arsenic	504	500	101	90 - 110	P	12/23/2024	12:35	LB134070
	Barium	2540	2500	102	90 - 110	P	12/23/2024	12:35	LB134070
	Beryllium	506	500	101	90 - 110	P	12/23/2024	12:35	LB134070
	Cadmium	472	500	94	90 - 110	P	12/23/2024	12:35	LB134070
	Chromium	506	500	101	90 - 110	P	12/23/2024	12:35	LB134070
	Copper	4810	5000	96	90 - 110	P	12/23/2024	12:35	LB134070
	Lead	2540	2500	102	90 - 110	P	12/23/2024	12:35	LB134070
	Nickel	469	500	94	90 - 110	P	12/23/2024	12:35	LB134070
	Selenium	478	500	96	90 - 110	P	12/23/2024	12:35	LB134070
	Silver	492	500	98	90 - 110	P	12/23/2024	12:35	LB134070
	Thallium	510	500	102	90 - 110	P	12/23/2024	12:35	LB134070
	Vanadium	508	500	102	90 - 110	P	12/23/2024	12:35	LB134070
	Zinc	4730	5000	95	90 - 110	P	12/23/2024	12:35	LB134070
CCV02	Antimony	508	500	102	90 - 110	P	12/23/2024	13:20	LB134070
	Arsenic	495	500	99	90 - 110	P	12/23/2024	13:20	LB134070
	Barium	2590	2500	104	90 - 110	P	12/23/2024	13:20	LB134070
	Beryllium	503	500	101	90 - 110	P	12/23/2024	13:20	LB134070
	Cadmium	479	500	96	90 - 110	P	12/23/2024	13:20	LB134070
	Chromium	507	500	101	90 - 110	P	12/23/2024	13:20	LB134070
	Copper	4850	5000	97	90 - 110	P	12/23/2024	13:20	LB134070
	Lead	2560	2500	102	90 - 110	P	12/23/2024	13:20	LB134070
	Nickel	470	500	94	90 - 110	P	12/23/2024	13:20	LB134070
	Selenium	487	500	97	90 - 110	P	12/23/2024	13:20	LB134070
	Silver	500	500	100	90 - 110	P	12/23/2024	13:20	LB134070
	Thallium	511	500	102	90 - 110	P	12/23/2024	13:20	LB134070
	Vanadium	516	500	103	90 - 110	P	12/23/2024	13:20	LB134070
	Zinc	4780	5000	96	90 - 110	P	12/23/2024	13:20	LB134070
CCV03	Antimony	505	500	101	90 - 110	P	12/23/2024	13:55	LB134070
	Arsenic	504	500	101	90 - 110	P	12/23/2024	13:55	LB134070
	Barium	2590	2500	104	90 - 110	P	12/23/2024	13:55	LB134070
	Beryllium	495	500	99	90 - 110	P	12/23/2024	13:55	LB134070
	Cadmium	478	500	96	90 - 110	P	12/23/2024	13:55	LB134070
	Chromium	514	500	103	90 - 110	P	12/23/2024	13:55	LB134070

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	4850	5000	97	90 - 110	P	12/23/2024	13:55	LB134070
	Lead	2570	2500	103	90 - 110	P	12/23/2024	13:55	LB134070
	Nickel	472	500	94	90 - 110	P	12/23/2024	13:55	LB134070
	Selenium	484	500	97	90 - 110	P	12/23/2024	13:55	LB134070
	Silver	498	500	100	90 - 110	P	12/23/2024	13:55	LB134070
	Thallium	517	500	103	90 - 110	P	12/23/2024	13:55	LB134070
	Vanadium	520	500	104	90 - 110	P	12/23/2024	13:55	LB134070
	Zinc	4800	5000	96	90 - 110	P	12/23/2024	13:55	LB134070

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Client: Nobis Group **SDG No.:** P5306

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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
ICV01	Antimony	217	200	108	90 - 110	P	12/27/2024	15:30	LB134133
	Arsenic	218	200	109	90 - 110	P	12/27/2024	15:30	LB134133
	Barium	104	100	104	90 - 110	P	12/27/2024	15:30	LB134133
	Beryllium	107	100	107	90 - 110	P	12/27/2024	15:30	LB134133
	Cadmium	105	100	105	90 - 110	P	12/27/2024	15:30	LB134133
	Chromium	105	100	105	90 - 110	P	12/27/2024	15:30	LB134133
	Copper	101	100	101	90 - 110	P	12/27/2024	15:30	LB134133
	Lead	202	200	101	90 - 110	P	12/27/2024	15:30	LB134133
	Nickel	108	110	98	90 - 110	P	12/27/2024	15:30	LB134133
	Selenium	216	200	108	90 - 110	P	12/27/2024	15:30	LB134133
	Silver	51.9	50.0	104	90 - 110	P	12/27/2024	15:30	LB134133
	Thallium	206	210	98	90 - 110	P	12/27/2024	15:30	LB134133
	Vanadium	101	100	102	90 - 110	P	12/27/2024	15:30	LB134133
	Zinc	210	200	105	90 - 110	P	12/27/2024	15:30	LB134133

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** P5306

Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	2.16	2.0	108	80 - 120	P	12/27/2024	15:35	LB134133
	Arsenic	1.14	1.0	114	80 - 120	P	12/27/2024	15:35	LB134133
	Barium	10.3	10.0	103	80 - 120	P	12/27/2024	15:35	LB134133
	Beryllium	1.12	1.0	112	80 - 120	P	12/27/2024	15:35	LB134133
	Cadmium	1.14	1.0	114	80 - 120	P	12/27/2024	15:35	LB134133
	Chromium	2.03	2.0	102	80 - 120	P	12/27/2024	15:35	LB134133
	Copper	2.09	2.0	104	80 - 120	P	12/27/2024	15:35	LB134133
	Lead	0.98	1.0	98	80 - 120	P	12/27/2024	15:35	LB134133
	Nickel	1.07	1.0	107	80 - 120	P	12/27/2024	15:35	LB134133
	Selenium	5.28	5.0	106	80 - 120	P	12/27/2024	15:35	LB134133
	Silver	1.07	1.0	107	80 - 120	P	12/27/2024	15:35	LB134133
	Thallium	1.01	1.0	101	80 - 120	P	12/27/2024	15:35	LB134133
	Vanadium	5.19	5.0	104	80 - 120	P	12/27/2024	15:35	LB134133
	Zinc	5.42	5.0	108	80 - 120	P	12/27/2024	15:35	LB134133

Alliance TECHNICAL GROUP
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Contract: NOBI03 **Lab Code:** CHEM **Case No.:** P5306 **SAS No.:** P5306

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	497	500	100	90 - 110	P	12/27/2024	15:48	LB134133
	Arsenic	494	500	99	90 - 110	P	12/27/2024	15:48	LB134133
	Barium	2530	2500	101	90 - 110	P	12/27/2024	15:48	LB134133
	Beryllium	494	500	99	90 - 110	P	12/27/2024	15:48	LB134133
	Cadmium	476	500	95	90 - 110	P	12/27/2024	15:48	LB134133
	Chromium	497	500	99	90 - 110	P	12/27/2024	15:48	LB134133
	Copper	4780	5000	96	90 - 110	P	12/27/2024	15:48	LB134133
	Lead	2570	2500	103	90 - 110	P	12/27/2024	15:48	LB134133
	Nickel	467	500	93	90 - 110	P	12/27/2024	15:48	LB134133
	Selenium	482	500	96	90 - 110	P	12/27/2024	15:48	LB134133
	Silver	486	500	97	90 - 110	P	12/27/2024	15:48	LB134133
	Thallium	518	500	104	90 - 110	P	12/27/2024	15:48	LB134133
	Vanadium	510	500	102	90 - 110	P	12/27/2024	15:48	LB134133
	Zinc	4730	5000	95	90 - 110	P	12/27/2024	15:48	LB134133
CCV02	Antimony	502	500	100	90 - 110	P	12/27/2024	16:23	LB134133
	Arsenic	492	500	98	90 - 110	P	12/27/2024	16:23	LB134133
	Barium	2520	2500	101	90 - 110	P	12/27/2024	16:23	LB134133
	Beryllium	495	500	99	90 - 110	P	12/27/2024	16:23	LB134133
	Cadmium	476	500	95	90 - 110	P	12/27/2024	16:23	LB134133
	Chromium	501	500	100	90 - 110	P	12/27/2024	16:23	LB134133
	Copper	4790	5000	96	90 - 110	P	12/27/2024	16:23	LB134133
	Lead	2570	2500	103	90 - 110	P	12/27/2024	16:23	LB134133
	Nickel	470	500	94	90 - 110	P	12/27/2024	16:23	LB134133
	Selenium	482	500	96	90 - 110	P	12/27/2024	16:23	LB134133
	Silver	486	500	97	90 - 110	P	12/27/2024	16:23	LB134133
	Thallium	518	500	104	90 - 110	P	12/27/2024	16:23	LB134133
	Vanadium	506	500	101	90 - 110	P	12/27/2024	16:23	LB134133
	Zinc	4730	5000	94	90 - 110	P	12/27/2024	16:23	LB134133