

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2555

Contract: NOBI03

Lab Code: ACE

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
ICV27	Mercury	3.81	4.0	95	90 - 110	CV	07/15/2025	12:06	LB136476

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Mercury	5.31	5.0	106	90 - 110	CV	07/15/2025	12:11	LB136476
CCV02	Mercury	5.14	5.0	103	90 - 110	CV	07/15/2025	12:48	LB136476
CCV03	Mercury	5.16	5.0	103	90 - 110	CV	07/15/2025	13:16	LB136476
CCV04	Mercury	4.72	5.0	94	90 - 110	CV	07/15/2025	13:53	LB136476
CCV05	Mercury	4.82	5.0	96	90 - 110	CV	07/15/2025	14:22	LB136476

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	190	200	95	90 - 110	P	07/16/2025	11:30	LB136512
	Arsenic	212	200	106	90 - 110	P	07/16/2025	11:30	LB136512
	Barium	97.1	100	97	90 - 110	P	07/16/2025	11:30	LB136512
	Beryllium	94.9	100	95	90 - 110	P	07/16/2025	11:30	LB136512
	Cadmium	104	100	104	90 - 110	P	07/16/2025	11:30	LB136512
	Chromium	98.9	100	99	90 - 110	P	07/16/2025	11:30	LB136512
	Copper	95.2	100	95	90 - 110	P	07/16/2025	11:30	LB136512
	Lead	210	200	105	90 - 110	P	07/16/2025	11:30	LB136512
	Nickel	112	110	102	90 - 110	P	07/16/2025	11:30	LB136512
	Selenium	205	200	102	90 - 110	P	07/16/2025	11:30	LB136512
	Silver	54.4	50.0	109	90 - 110	P	07/16/2025	11:30	LB136512
	Thallium	213	210	102	90 - 110	P	07/16/2025	11:30	LB136512
	Vanadium	93.5	100	94	90 - 110	P	07/16/2025	11:30	LB136512
	Zinc	192	200	96	90 - 110	P	07/16/2025	11:30	LB136512

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Antimony	2.06	2.0	103	80 - 120	P	07/16/2025	11:40	LB136512
	Arsenic	1.06	1.0	106	80 - 120	P	07/16/2025	11:40	LB136512
	Barium	9.52	10.0	95	80 - 120	P	07/16/2025	11:40	LB136512
	Beryllium	1.18	1.0	118	80 - 120	P	07/16/2025	11:40	LB136512
	Cadmium	1.01	1.0	101	80 - 120	P	07/16/2025	11:40	LB136512
	Chromium	1.96	2.0	98	80 - 120	P	07/16/2025	11:40	LB136512
	Copper	1.98	2.0	99	80 - 120	P	07/16/2025	11:40	LB136512
	Lead	0.80	1.0	80	80 - 120	P	07/16/2025	11:40	LB136512
	Nickel	0.99	1.0	99	80 - 120	P	07/16/2025	11:40	LB136512
	Selenium	4.99	5.0	100	80 - 120	P	07/16/2025	11:40	LB136512
	Silver	1.11	1.0	111	80 - 120	P	07/16/2025	11:40	LB136512
	Thallium	0.91	1.0	91	80 - 120	P	07/16/2025	11:40	LB136512
	Vanadium	4.83	5.0	97	80 - 120	P	07/16/2025	11:40	LB136512
	Zinc	4.70	5.0	94	80 - 120	P	07/16/2025	11:40	LB136512

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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	508	500	102	90 - 110	P	07/16/2025	12:51	LB136512
	Arsenic	511	500	102	90 - 110	P	07/16/2025	12:51	LB136512
	Barium	2540	2500	102	90 - 110	P	07/16/2025	12:51	LB136512
	Beryllium	539	500	108	90 - 110	P	07/16/2025	12:51	LB136512
	Cadmium	482	500	96	90 - 110	P	07/16/2025	12:51	LB136512
	Chromium	532	500	106	90 - 110	P	07/16/2025	12:51	LB136512
	Copper	5370	5000	108	90 - 110	P	07/16/2025	12:51	LB136512
	Lead	2610	2500	104	90 - 110	P	07/16/2025	12:51	LB136512
	Nickel	524	500	105	90 - 110	P	07/16/2025	12:51	LB136512
	Selenium	479	500	96	90 - 110	P	07/16/2025	12:51	LB136512
	Silver	500	500	100	90 - 110	P	07/16/2025	12:51	LB136512
	Thallium	516	500	103	90 - 110	P	07/16/2025	12:51	LB136512
	Vanadium	532	500	106	90 - 110	P	07/16/2025	12:51	LB136512
	Zinc	5260	5000	105	90 - 110	P	07/16/2025	12:51	LB136512
CCV02	Antimony	508	500	102	90 - 110	P	07/16/2025	13:41	LB136512
	Arsenic	499	500	100	90 - 110	P	07/16/2025	13:41	LB136512
	Barium	2530	2500	101	90 - 110	P	07/16/2025	13:41	LB136512
	Beryllium	536	500	107	90 - 110	P	07/16/2025	13:41	LB136512
	Cadmium	477	500	95	90 - 110	P	07/16/2025	13:41	LB136512
	Chromium	523	500	105	90 - 110	P	07/16/2025	13:41	LB136512
	Copper	5200	5000	104	90 - 110	P	07/16/2025	13:41	LB136512
	Lead	2580	2500	103	90 - 110	P	07/16/2025	13:41	LB136512
	Nickel	506	500	101	90 - 110	P	07/16/2025	13:41	LB136512
	Selenium	485	500	97	90 - 110	P	07/16/2025	13:41	LB136512
	Silver	462	500	92	90 - 110	P	07/16/2025	13:41	LB136512
	Thallium	521	500	104	90 - 110	P	07/16/2025	13:41	LB136512
	Vanadium	521	500	104	90 - 110	P	07/16/2025	13:41	LB136512
	Zinc	5120	5000	102	90 - 110	P	07/16/2025	13:41	LB136512
CCV03	Antimony	520	500	104	90 - 110	P	07/16/2025	14:40	LB136512
	Arsenic	511	500	102	90 - 110	P	07/16/2025	14:40	LB136512
	Barium	2590	2500	104	90 - 110	P	07/16/2025	14:40	LB136512
	Beryllium	540	500	108	90 - 110	P	07/16/2025	14:40	LB136512
	Cadmium	480	500	96	90 - 110	P	07/16/2025	14:40	LB136512
	Chromium	520	500	104	90 - 110	P	07/16/2025	14:40	LB136512

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Copper	5310	5000	106	90 - 110	P	07/16/2025	14:40	LB136512
	Lead	2630	2500	105	90 - 110	P	07/16/2025	14:40	LB136512
	Nickel	510	500	102	90 - 110	P	07/16/2025	14:40	LB136512
	Selenium	483	500	97	90 - 110	P	07/16/2025	14:40	LB136512
	Silver	526	500	105	90 - 110	P	07/16/2025	14:40	LB136512
	Thallium	529	500	106	90 - 110	P	07/16/2025	14:40	LB136512
	Vanadium	528	500	106	90 - 110	P	07/16/2025	14:40	LB136512
	Zinc	5210	5000	104	90 - 110	P	07/16/2025	14:40	LB136512
CCV04	Antimony	544	500	109	90 - 110	P	07/16/2025	15:45	LB136512
	Arsenic	514	500	103	90 - 110	P	07/16/2025	15:45	LB136512
	Barium	2690	2500	108	90 - 110	P	07/16/2025	15:45	LB136512
	Beryllium	550	500	110	90 - 110	P	07/16/2025	15:45	LB136512
	Cadmium	499	500	100	90 - 110	P	07/16/2025	15:45	LB136512
	Chromium	523	500	104	90 - 110	P	07/16/2025	15:45	LB136512
	Copper	5280	5000	106	90 - 110	P	07/16/2025	15:45	LB136512
	Lead	2680	2500	107	90 - 110	P	07/16/2025	15:45	LB136512
	Nickel	512	500	102	90 - 110	P	07/16/2025	15:45	LB136512
	Selenium	489	500	98	90 - 110	P	07/16/2025	15:45	LB136512
	Silver	543	500	109	90 - 110	P	07/16/2025	15:45	LB136512
	Thallium	544	500	109	90 - 110	P	07/16/2025	15:45	LB136512
	Vanadium	531	500	106	90 - 110	P	07/16/2025	15:45	LB136512
	Zinc	5210	5000	104	90 - 110	P	07/16/2025	15:45	LB136512
	Antimony	530	500	106	90 - 110	P	07/16/2025	17:02	LB136512
	Arsenic	509	500	102	90 - 110	P	07/16/2025	17:02	LB136512
CCV05	Barium	2630	2500	105	90 - 110	P	07/16/2025	17:02	LB136512
	Beryllium	549	500	110	90 - 110	P	07/16/2025	17:02	LB136512
	Cadmium	474	500	95	90 - 110	P	07/16/2025	17:02	LB136512
	Chromium	529	500	106	90 - 110	P	07/16/2025	17:02	LB136512
	Copper	5290	5000	106	90 - 110	P	07/16/2025	17:02	LB136512
	Lead	2630	2500	105	90 - 110	P	07/16/2025	17:02	LB136512
	Nickel	515	500	103	90 - 110	P	07/16/2025	17:02	LB136512
	Selenium	483	500	97	90 - 110	P	07/16/2025	17:02	LB136512
	Silver	512	500	102	90 - 110	P	07/16/2025	17:02	LB136512
	Thallium	533	500	107	90 - 110	P	07/16/2025	17:02	LB136512

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CCV05	Vanadium	537	500	107	90 - 110	P	07/16/2025	17:02	LB136512
	Zinc	5240	5000	105	90 - 110	P	07/16/2025	17:02	LB136512
CCV06	Antimony	524	500	105	90 - 110	P	07/16/2025	17:57	LB136512
	Arsenic	502	500	100	90 - 110	P	07/16/2025	17:57	LB136512
	Barium	2630	2500	105	90 - 110	P	07/16/2025	17:57	LB136512
	Beryllium	549	500	110	90 - 110	P	07/16/2025	17:57	LB136512
	Cadmium	477	500	95	90 - 110	P	07/16/2025	17:57	LB136512
	Chromium	525	500	105	90 - 110	P	07/16/2025	17:57	LB136512
	Copper	5320	5000	106	90 - 110	P	07/16/2025	17:57	LB136512
	Lead	2610	2500	104	90 - 110	P	07/16/2025	17:57	LB136512
	Nickel	502	500	100	90 - 110	P	07/16/2025	17:57	LB136512
	Selenium	474	500	95	90 - 110	P	07/16/2025	17:57	LB136512
	Silver	527	500	106	90 - 110	P	07/16/2025	17:57	LB136512
	Thallium	523	500	104	90 - 110	P	07/16/2025	17:57	LB136512
	Vanadium	524	500	105	90 - 110	P	07/16/2025	17:57	LB136512
	Zinc	5160	5000	103	90 - 110	P	07/16/2025	17:57	LB136512

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ICV01	Antimony	419	400	105	90 - 110	P	07/24/2025	11:25	LB136601
	Arsenic	433	400	108	90 - 110	P	07/24/2025	11:25	LB136601
	Barium	1720	1600	108	90 - 110	P	07/24/2025	11:25	LB136601
	Beryllium	47.9	40.0	120	90 - 110	P	07/24/2025	11:25	LB136601
	Cadmium	219	200	110	90 - 110	P	07/24/2025	11:25	LB136601
	Chromium	152	160	95	90 - 110	P	07/24/2025	11:25	LB136601
	Copper	186	200	93	90 - 110	P	07/24/2025	11:25	LB136601
	Lead	393	400	98	90 - 110	P	07/24/2025	11:25	LB136601
	Nickel	429	400	107	90 - 110	P	07/24/2025	11:25	LB136601
	Selenium	436	400	109	90 - 110	P	07/24/2025	11:25	LB136601
	Silver	212	200	106	90 - 110	P	07/24/2025	11:25	LB136601
	Thallium	409	400	102	90 - 110	P	07/24/2025	11:25	LB136601
	Vanadium	391	400	98	90 - 110	P	07/24/2025	11:25	LB136601
	Zinc	380	400	95	90 - 110	P	07/24/2025	11:25	LB136601

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LLICV01	Antimony	1.85	2.0	92	80 - 120	P	07/24/2025	11:34	LB136601
	Arsenic	1.12	1.0	112	80 - 120	P	07/24/2025	11:34	LB136601
	Barium	9.01	10.0	90	80 - 120	P	07/24/2025	11:34	LB136601
	Beryllium	1.25	1.0	125	80 - 120	P	07/24/2025	11:34	LB136601
	Cadmium	1.10	1.0	110	80 - 120	P	07/24/2025	11:34	LB136601
	Chromium	1.87	2.0	94	80 - 120	P	07/24/2025	11:34	LB136601
	Copper	1.92	2.0	96	80 - 120	P	07/24/2025	11:34	LB136601
	Lead	0.88	1.0	88	80 - 120	P	07/24/2025	11:34	LB136601
	Nickel	1.11	1.0	111	80 - 120	P	07/24/2025	11:34	LB136601
	Selenium	5.50	5.0	110	80 - 120	P	07/24/2025	11:34	LB136601
	Silver	0.95	1.0	95	80 - 120	P	07/24/2025	11:34	LB136601
	Thallium	0.86	1.0	86	80 - 120	P	07/24/2025	11:34	LB136601
	Vanadium	4.61	5.0	92	80 - 120	P	07/24/2025	11:34	LB136601
	Zinc	5.02	5.0	100	80 - 120	P	07/24/2025	11:34	LB136601

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CCV01	Antimony	511	500	102	90 - 110	P	07/24/2025	11:52	LB136601
	Arsenic	503	500	101	90 - 110	P	07/24/2025	11:52	LB136601
	Barium	2570	2500	103	90 - 110	P	07/24/2025	11:52	LB136601
	Beryllium	559	500	112	90 - 110	P	07/24/2025	11:52	LB136601
	Cadmium	522	500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Chromium	524	500	105	90 - 110	P	07/24/2025	11:52	LB136601
	Copper	5330	5000	107	90 - 110	P	07/24/2025	11:52	LB136601
	Lead	2600	2500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Nickel	498	500	100	90 - 110	P	07/24/2025	11:52	LB136601
	Selenium	493	500	99	90 - 110	P	07/24/2025	11:52	LB136601
	Silver	525	500	105	90 - 110	P	07/24/2025	11:52	LB136601
	Thallium	522	500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Vanadium	528	500	106	90 - 110	P	07/24/2025	11:52	LB136601
	Zinc	5200	5000	104	90 - 110	P	07/24/2025	11:52	LB136601
CCV02	Antimony	504	500	101	90 - 110	P	07/24/2025	12:39	LB136601
	Arsenic	490	500	98	90 - 110	P	07/24/2025	12:39	LB136601
	Barium	2550	2500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Beryllium	541	500	108	90 - 110	P	07/24/2025	12:39	LB136601
	Cadmium	520	500	104	90 - 110	P	07/24/2025	12:39	LB136601
	Chromium	512	500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Copper	5170	5000	103	90 - 110	P	07/24/2025	12:39	LB136601
	Lead	2560	2500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Nickel	483	500	97	90 - 110	P	07/24/2025	12:39	LB136601
	Selenium	480	500	96	90 - 110	P	07/24/2025	12:39	LB136601
	Silver	527	500	105	90 - 110	P	07/24/2025	12:39	LB136601
	Thallium	522	500	104	90 - 110	P	07/24/2025	12:39	LB136601
	Vanadium	513	500	103	90 - 110	P	07/24/2025	12:39	LB136601
	Zinc	5050	5000	101	90 - 110	P	07/24/2025	12:39	LB136601