

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3483

Contract: ALLI03

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
ICV01	Aluminum	1500	1600	94	90 - 110	P	11/05/2025	13:19	LB138073
	Antimony	434	400	109	90 - 110	P	11/05/2025	13:19	LB138073
	Arsenic	421	400	105	90 - 110	P	11/05/2025	13:19	LB138073
	Barium	1620	1600	101	90 - 110	P	11/05/2025	13:19	LB138073
	Beryllium	42.4	40.0	106	90 - 110	P	11/05/2025	13:19	LB138073
	Cadmium	216	200	108	90 - 110	P	11/05/2025	13:19	LB138073
	Calcium	4220	4000	106	90 - 110	P	11/05/2025	13:19	LB138073
	Chromium	159	160	99	90 - 110	P	11/05/2025	13:19	LB138073
	Cobalt	400	400	100	90 - 110	P	11/05/2025	13:19	LB138073
	Copper	182	200	91	90 - 110	P	11/05/2025	13:19	LB138073
	Iron	855	800	107	90 - 110	P	11/05/2025	13:19	LB138073
	Lead	384	400	96	90 - 110	P	11/05/2025	13:19	LB138073
	Magnesium	3800	4000	95	90 - 110	P	11/05/2025	13:19	LB138073
	Manganese	391	400	98	90 - 110	P	11/05/2025	13:19	LB138073
	Molybdenum	4830	5000	97	90 - 110	P	11/05/2025	13:19	LB138073
	Nickel	408	400	102	90 - 110	P	11/05/2025	13:19	LB138073
	Potassium	4100	4000	102	90 - 110	P	11/05/2025	13:19	LB138073
	Selenium	435	400	109	90 - 110	P	11/05/2025	13:19	LB138073
	Silver	186	200	93	90 - 110	P	11/05/2025	13:19	LB138073
	Sodium	3930	4000	98	90 - 110	P	11/05/2025	13:19	LB138073
	Strontium	501	500	100	90 - 110	P	11/05/2025	13:19	LB138073
	Thallium	391	400	98	90 - 110	P	11/05/2025	13:19	LB138073
	Tin	483	500	97	90 - 110	P	11/05/2025	13:19	LB138073
	Vanadium	394	400	98	90 - 110	P	11/05/2025	13:19	LB138073
	Zinc	386	400	97	90 - 110	P	11/05/2025	13:19	LB138073

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LLICV01	Aluminum	19.5	20.0	98	80 - 120	P	11/05/2025	13:25	LB138073
	Antimony	2.04	2.0	102	80 - 120	P	11/05/2025	13:25	LB138073
	Arsenic	1.08	1.0	108	80 - 120	P	11/05/2025	13:25	LB138073
	Barium	9.48	10.0	95	80 - 120	P	11/05/2025	13:25	LB138073
	Beryllium	1.07	1.0	107	80 - 120	P	11/05/2025	13:25	LB138073
	Cadmium	0.86	1.0	86	80 - 120	P	11/05/2025	13:25	LB138073
	Calcium	484	500	97	80 - 120	P	11/05/2025	13:25	LB138073
	Chromium	2.01	2.0	100	80 - 120	P	11/05/2025	13:25	LB138073
	Cobalt	1.02	1.0	102	80 - 120	P	11/05/2025	13:25	LB138073
	Copper	1.85	2.0	92	80 - 120	P	11/05/2025	13:25	LB138073
	Iron	55.5	50.0	111	80 - 120	P	11/05/2025	13:25	LB138073
	Lead	0.83	1.0	83	80 - 120	P	11/05/2025	13:25	LB138073
	Magnesium	464	500	93	80 - 120	P	11/05/2025	13:25	LB138073
	Manganese	1.02	1.0	102	80 - 120	P	11/05/2025	13:25	LB138073
	Molybdenum	4.75	5.0	95	80 - 120	P	11/05/2025	13:25	LB138073
	Nickel	0.91	1.0	91	80 - 120	P	11/05/2025	13:25	LB138073
	Potassium	503	500	101	80 - 120	P	11/05/2025	13:25	LB138073
	Selenium	4.54	5.0	91	80 - 120	P	11/05/2025	13:25	LB138073
	Silver	1.14	1.0	114	80 - 120	P	11/05/2025	13:25	LB138073
	Sodium	476	500	95	80 - 120	P	11/05/2025	13:25	LB138073
	Strontium	0.95	1.0	95	80 - 120	P	11/05/2025	13:25	LB138073
	Thallium	0.96	1.0	96	80 - 120	P	11/05/2025	13:25	LB138073
	Tin	4.79	5.0	96	80 - 120	P	11/05/2025	13:25	LB138073
	Vanadium	4.88	5.0	98	80 - 120	P	11/05/2025	13:25	LB138073
	Zinc	5.40	5.0	108	80 - 120	P	11/05/2025	13:25	LB138073

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CCV01	Aluminum	48400	50000	97	90 - 110	P	11/05/2025	13:46	LB138073
	Antimony	486	500	97	90 - 110	P	11/05/2025	13:46	LB138073
	Arsenic	471	500	94	90 - 110	P	11/05/2025	13:46	LB138073
	Barium	2480	2500	99	90 - 110	P	11/05/2025	13:46	LB138073
	Beryllium	488	500	98	90 - 110	P	11/05/2025	13:46	LB138073
	Cadmium	473	500	95	90 - 110	P	11/05/2025	13:46	LB138073
	Calcium	248000	250000	99	90 - 110	P	11/05/2025	13:46	LB138073
	Chromium	497	500	99	90 - 110	P	11/05/2025	13:46	LB138073
	Cobalt	486	500	97	90 - 110	P	11/05/2025	13:46	LB138073
	Copper	4740	5000	95	90 - 110	P	11/05/2025	13:46	LB138073
	Iron	127000	125000	101	90 - 110	P	11/05/2025	13:46	LB138073
	Lead	2460	2500	98	90 - 110	P	11/05/2025	13:46	LB138073
	Magnesium	245000	250000	98	90 - 110	P	11/05/2025	13:46	LB138073
	Manganese	4800	5000	96	90 - 110	P	11/05/2025	13:46	LB138073
	Molybdenum	5000	5000	100	90 - 110	P	11/05/2025	13:46	LB138073
	Nickel	486	500	97	90 - 110	P	11/05/2025	13:46	LB138073
	Potassium	123000	125000	99	90 - 110	P	11/05/2025	13:46	LB138073
	Selenium	467	500	93	90 - 110	P	11/05/2025	13:46	LB138073
	Silver	484	500	97	90 - 110	P	11/05/2025	13:46	LB138073
	Sodium	247000	250000	99	90 - 110	P	11/05/2025	13:46	LB138073
	Strontium	498	500	100	90 - 110	P	11/05/2025	13:46	LB138073
	Thallium	509	500	102	90 - 110	P	11/05/2025	13:46	LB138073
	Tin	492	500	98	90 - 110	P	11/05/2025	13:46	LB138073
	Vanadium	487	500	97	90 - 110	P	11/05/2025	13:46	LB138073
	Zinc	4640	5000	93	90 - 110	P	11/05/2025	13:46	LB138073
CCV02	Aluminum	48700	50000	98	90 - 110	P	11/05/2025	14:16	LB138073
	Antimony	460	500	92	90 - 110	P	11/05/2025	14:16	LB138073
	Arsenic	480	500	96	90 - 110	P	11/05/2025	14:16	LB138073
	Barium	2380	2500	95	90 - 110	P	11/05/2025	14:16	LB138073
	Beryllium	462	500	92	90 - 110	P	11/05/2025	14:16	LB138073
	Cadmium	458	500	92	90 - 110	P	11/05/2025	14:16	LB138073
	Calcium	247000	250000	99	90 - 110	P	11/05/2025	14:16	LB138073
	Chromium	498	500	100	90 - 110	P	11/05/2025	14:16	LB138073
	Cobalt	493	500	99	90 - 110	P	11/05/2025	14:16	LB138073

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CCV02	Copper	4830	5000	97	90 - 110	P	11/05/2025	14:16	LB138073
	Iron	125000	125000	100	90 - 110	P	11/05/2025	14:16	LB138073
	Lead	2440	2500	98	90 - 110	P	11/05/2025	14:16	LB138073
	Magnesium	247000	250000	99	90 - 110	P	11/05/2025	14:16	LB138073
	Manganese	4820	5000	96	90 - 110	P	11/05/2025	14:16	LB138073
	Molybdenum	4860	5000	97	90 - 110	P	11/05/2025	14:16	LB138073
	Nickel	490	500	98	90 - 110	P	11/05/2025	14:16	LB138073
	Potassium	122000	125000	98	90 - 110	P	11/05/2025	14:16	LB138073
	Selenium	460	500	92	90 - 110	P	11/05/2025	14:16	LB138073
	Silver	464	500	93	90 - 110	P	11/05/2025	14:16	LB138073
	Sodium	248000	250000	99	90 - 110	P	11/05/2025	14:16	LB138073
	Strontium	491	500	98	90 - 110	P	11/05/2025	14:16	LB138073
	Thallium	501	500	100	90 - 110	P	11/05/2025	14:16	LB138073
	Tin	473	500	95	90 - 110	P	11/05/2025	14:16	LB138073
	Vanadium	490	500	98	90 - 110	P	11/05/2025	14:16	LB138073
	Zinc	4730	5000	95	90 - 110	P	11/05/2025	14:16	LB138073