

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

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	1610	1600	100	90 - 110	P	08/18/2025	15:56	LB136878
	Antimony	424	400	106	90 - 110	P	08/18/2025	15:56	LB136878
	Arsenic	407	400	102	90 - 110	P	08/18/2025	15:56	LB136878
	Barium	1640	1600	103	90 - 110	P	08/18/2025	15:56	LB136878
	Beryllium	42.5	40.0	106	90 - 110	P	08/18/2025	15:56	LB136878
	Cadmium	208	200	104	90 - 110	P	08/18/2025	15:56	LB136878
	Chromium	168	160	105	90 - 110	P	08/18/2025	15:56	LB136878
	Cobalt	419	400	105	90 - 110	P	08/18/2025	15:56	LB136878
	Copper	185	200	92	90 - 110	P	08/18/2025	15:56	LB136878
	Iron	812	800	102	90 - 110	P	08/18/2025	15:56	LB136878
	Lead	387	400	97	90 - 110	P	08/18/2025	15:56	LB136878
	Manganese	414	400	104	90 - 110	P	08/18/2025	15:56	LB136878
	Molybdenum	5200	5000	104	90 - 110	P	08/18/2025	15:56	LB136878
	Nickel	406	400	101	90 - 110	P	08/18/2025	15:56	LB136878
	Selenium	414	400	104	90 - 110	P	08/18/2025	15:56	LB136878
	Silver	190	200	95	90 - 110	P	08/18/2025	15:56	LB136878
	Thallium	395	400	99	90 - 110	P	08/18/2025	15:56	LB136878
	Vanadium	412	400	103	90 - 110	P	08/18/2025	15:56	LB136878
	Zinc	372	400	93	90 - 110	P	08/18/2025	15:56	LB136878

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CCV01	Aluminum	47800	50000	96	90 - 110	P	08/18/2025	16:13	LB136878
	Antimony	501	500	100	90 - 110	P	08/18/2025	16:13	LB136878
	Arsenic	480	500	96	90 - 110	P	08/18/2025	16:13	LB136878
	Barium	2510	2500	100	90 - 110	P	08/18/2025	16:13	LB136878
	Beryllium	518	500	104	90 - 110	P	08/18/2025	16:13	LB136878
	Cadmium	486	500	97	90 - 110	P	08/18/2025	16:13	LB136878
	Chromium	497	500	99	90 - 110	P	08/18/2025	16:13	LB136878
	Cobalt	482	500	96	90 - 110	P	08/18/2025	16:13	LB136878
	Copper	4730	5000	95	90 - 110	P	08/18/2025	16:13	LB136878
	Iron	125000	125000	100	90 - 110	P	08/18/2025	16:13	LB136878
	Lead	2490	2500	100	90 - 110	P	08/18/2025	16:13	LB136878
	Manganese	4880	5000	98	90 - 110	P	08/18/2025	16:13	LB136878
	Molybdenum	4870	5000	97	90 - 110	P	08/18/2025	16:13	LB136878
	Nickel	457	500	91	90 - 110	P	08/18/2025	16:13	LB136878
	Selenium	469	500	94	90 - 110	P	08/18/2025	16:13	LB136878
	Silver	492	500	98	90 - 110	P	08/18/2025	16:13	LB136878
	Thallium	498	500	100	90 - 110	P	08/18/2025	16:13	LB136878
	Vanadium	494	500	99	90 - 110	P	08/18/2025	16:13	LB136878
	Zinc	4790	5000	96	90 - 110	P	08/18/2025	16:13	LB136878
CCV02	Aluminum	46400	50000	93	90 - 110	P	08/18/2025	16:49	LB136878
	Antimony	507	500	102	90 - 110	P	08/18/2025	16:49	LB136878
	Arsenic	485	500	97	90 - 110	P	08/18/2025	16:49	LB136878
	Barium	2560	2500	103	90 - 110	P	08/18/2025	16:49	LB136878
	Beryllium	543	500	109	90 - 110	P	08/18/2025	16:49	LB136878
	Cadmium	492	500	98	90 - 110	P	08/18/2025	16:49	LB136878
	Chromium	523	500	104	90 - 110	P	08/18/2025	16:49	LB136878
	Cobalt	507	500	101	90 - 110	P	08/18/2025	16:49	LB136878
	Copper	4940	5000	99	90 - 110	P	08/18/2025	16:49	LB136878
	Iron	120000	125000	96	90 - 110	P	08/18/2025	16:49	LB136878
	Lead	2540	2500	102	90 - 110	P	08/18/2025	16:49	LB136878
	Manganese	5110	5000	102	90 - 110	P	08/18/2025	16:49	LB136878
	Molybdenum	5070	5000	101	90 - 110	P	08/18/2025	16:49	LB136878
	Nickel	478	500	96	90 - 110	P	08/18/2025	16:49	LB136878
	Selenium	478	500	96	90 - 110	P	08/18/2025	16:49	LB136878

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CCV02	Silver	498	500	100	90 - 110	P	08/18/2025	16:49	LB136878
	Thallium	516	500	103	90 - 110	P	08/18/2025	16:49	LB136878
	Vanadium	523	500	105	90 - 110	P	08/18/2025	16:49	LB136878
	Zinc	4920	5000	98	90 - 110	P	08/18/2025	16:49	LB136878