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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
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
ICV74	Mercury	3.84	4.0	96	95 - 105	CV	04/03/2025	12:12	LB135283

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
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
CCV25	Mercury	5.04	5.0	101	90 - 110	CV	04/03/2025	12:17	LB135283
CCV26	Mercury	4.75	5.0	95	90 - 110	CV	04/03/2025	12:56	LB135283
CCV27	Mercury	4.52	5.0	90	90 - 110	CV	04/03/2025	13:10	LB135283

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2450	2500	98	95 - 105	P	04/02/2025	15:20	LB135273
	Antimony	983	1000	98	95 - 105	P	04/02/2025	15:20	LB135273
	Arsenic	1040	1000	104	95 - 105	P	04/02/2025	15:20	LB135273
	Barium	513	520	99	95 - 105	P	04/02/2025	15:20	LB135273
	Beryllium	526	510	103	95 - 105	P	04/02/2025	15:20	LB135273
	Boron	2490	2500	100	95 - 105	P	04/02/2025	15:20	LB135273
	Cadmium	522	510	102	95 - 105	P	04/02/2025	15:20	LB135273
	Calcium	10100	10000	101	95 - 105	P	04/02/2025	15:20	LB135273
	Chromium	502	520	96	95 - 105	P	04/02/2025	15:20	LB135273
	Cobalt	523	520	101	95 - 105	P	04/02/2025	15:20	LB135273
	Copper	507	510	99	95 - 105	P	04/02/2025	15:20	LB135273
	Iron	10000	10000	100	95 - 105	P	04/02/2025	15:20	LB135273
	Lead	1020	1000	102	95 - 105	P	04/02/2025	15:20	LB135273
	Magnesium	5940	6000	99	95 - 105	P	04/02/2025	15:20	LB135273
	Manganese	545	520	105	95 - 105	P	04/02/2025	15:20	LB135273
	Molybdenum	2470	2500	99	95 - 105	P	04/02/2025	15:20	LB135273
	Nickel	548	530	103	95 - 105	P	04/02/2025	15:20	LB135273
	Potassium	10000	9900	101	95 - 105	P	04/02/2025	15:20	LB135273
	Selenium	1010	1000	101	95 - 105	P	04/02/2025	15:20	LB135273
	Silver	259	250	104	95 - 105	P	04/02/2025	15:20	LB135273
	Sodium	10100	10000	102	95 - 105	P	04/02/2025	15:20	LB135273
	Thallium	995	1000	100	95 - 105	P	04/02/2025	15:20	LB135273
	Tin	2610	2500	104	95 - 105	P	04/02/2025	15:20	LB135273
	Titanium	2550	2500	102	95 - 105	P	04/02/2025	15:20	LB135273
	Vanadium	481	500	96	95 - 105	P	04/02/2025	15:20	LB135273
	Zinc	991	1000	99	95 - 105	P	04/02/2025	15:20	LB135273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	97.8	100	98	80 - 120	P	04/02/2025	15:41	LB135273
	Antimony	51.2	50.0	102	80 - 120	P	04/02/2025	15:41	LB135273
	Arsenic	19.8	20.0	99	80 - 120	P	04/02/2025	15:41	LB135273
	Barium	89.7	100	90	80 - 120	P	04/02/2025	15:41	LB135273
	Beryllium	5.70	6.0	95	80 - 120	P	04/02/2025	15:41	LB135273
	Boron	81.2	100	81	80 - 120	P	04/02/2025	15:41	LB135273
	Cadmium	5.68	6.0	95	80 - 120	P	04/02/2025	15:41	LB135273
	Calcium	1960	2000	98	80 - 120	P	04/02/2025	15:41	LB135273
	Chromium	9.84	10.0	98	80 - 120	P	04/02/2025	15:41	LB135273
	Cobalt	28.4	30.0	95	80 - 120	P	04/02/2025	15:41	LB135273
	Copper	22.5	20.0	112	80 - 120	P	04/02/2025	15:41	LB135273
	Iron	95.5	100	96	80 - 120	P	04/02/2025	15:41	LB135273
	Lead	10.8	12.0	90	80 - 120	P	04/02/2025	15:41	LB135273
	Magnesium	2060	2000	103	80 - 120	P	04/02/2025	15:41	LB135273
	Manganese	17.8	20.0	89	80 - 120	P	04/02/2025	15:41	LB135273
	Molybdenum	207	200	104	80 - 120	P	04/02/2025	15:41	LB135273
	Nickel	38.8	40.0	97	80 - 120	P	04/02/2025	15:41	LB135273
	Potassium	1830	2000	91	80 - 120	P	04/02/2025	15:41	LB135273
	Selenium	21.7	20.0	108	80 - 120	P	04/02/2025	15:41	LB135273
	Silver	10.4	10.0	104	80 - 120	P	04/02/2025	15:41	LB135273
	Sodium	1900	2000	95	80 - 120	P	04/02/2025	15:41	LB135273
	Thallium	40.7	40.0	102	80 - 120	P	04/02/2025	15:41	LB135273
	Tin	38.4	40.0	96	80 - 120	P	04/02/2025	15:41	LB135273
	Titanium	39.1	40.0	98	80 - 120	P	04/02/2025	15:41	LB135273
	Vanadium	39.5	40.0	99	80 - 120	P	04/02/2025	15:41	LB135273
	Zinc	41.4	40.0	104	80 - 120	P	04/02/2025	15:41	LB135273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9990	10000	100	90 - 110	P	04/02/2025	16:39	LB135273
	Antimony	5060	5000	101	90 - 110	P	04/02/2025	16:39	LB135273
	Arsenic	5080	5000	102	90 - 110	P	04/02/2025	16:39	LB135273
	Barium	9870	10000	99	90 - 110	P	04/02/2025	16:39	LB135273
	Beryllium	255	250	102	90 - 110	P	04/02/2025	16:39	LB135273
	Boron	5100	5000	102	90 - 110	P	04/02/2025	16:39	LB135273
	Cadmium	2570	2500	103	90 - 110	P	04/02/2025	16:39	LB135273
	Calcium	24800	25000	99	90 - 110	P	04/02/2025	16:39	LB135273
	Chromium	1040	1000	104	90 - 110	P	04/02/2025	16:39	LB135273
	Cobalt	2560	2500	102	90 - 110	P	04/02/2025	16:39	LB135273
	Copper	1290	1250	103	90 - 110	P	04/02/2025	16:39	LB135273
	Iron	5020	5000	100	90 - 110	P	04/02/2025	16:39	LB135273
	Lead	5110	5000	102	90 - 110	P	04/02/2025	16:39	LB135273
	Magnesium	25000	25000	100	90 - 110	P	04/02/2025	16:39	LB135273
	Manganese	2510	2500	100	90 - 110	P	04/02/2025	16:39	LB135273
	Molybdenum	5040	5000	101	90 - 110	P	04/02/2025	16:39	LB135273
	Nickel	2550	2500	102	90 - 110	P	04/02/2025	16:39	LB135273
	Potassium	25000	25000	100	90 - 110	P	04/02/2025	16:39	LB135273
	Selenium	5050	5000	101	90 - 110	P	04/02/2025	16:39	LB135273
	Silver	1280	1250	102	90 - 110	P	04/02/2025	16:39	LB135273
	Sodium	25000	25000	100	90 - 110	P	04/02/2025	16:39	LB135273
	Thallium	4910	5000	98	90 - 110	P	04/02/2025	16:39	LB135273
	Tin	5080	5000	102	90 - 110	P	04/02/2025	16:39	LB135273
	Titanium	4970	5000	99	90 - 110	P	04/02/2025	16:39	LB135273
	Vanadium	2500	2500	100	90 - 110	P	04/02/2025	16:39	LB135273
	Zinc	2570	2500	103	90 - 110	P	04/02/2025	16:39	LB135273
CCV02	Aluminum	9900	10000	99	90 - 110	P	04/02/2025	17:35	LB135273
	Antimony	4990	5000	100	90 - 110	P	04/02/2025	17:35	LB135273
	Arsenic	4970	5000	100	90 - 110	P	04/02/2025	17:35	LB135273
	Barium	9840	10000	98	90 - 110	P	04/02/2025	17:35	LB135273
	Beryllium	247	250	99	90 - 110	P	04/02/2025	17:35	LB135273
	Boron	5000	5000	100	90 - 110	P	04/02/2025	17:35	LB135273
	Cadmium	2540	2500	102	90 - 110	P	04/02/2025	17:35	LB135273
	Calcium	24600	25000	98	90 - 110	P	04/02/2025	17:35	LB135273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Chromium	1020	1000	102	90 - 110	P	04/02/2025	17:35	LB135273
	Cobalt	2550	2500	102	90 - 110	P	04/02/2025	17:35	LB135273
	Copper	1270	1250	102	90 - 110	P	04/02/2025	17:35	LB135273
	Iron	4860	5000	97	90 - 110	P	04/02/2025	17:35	LB135273
	Lead	5050	5000	101	90 - 110	P	04/02/2025	17:35	LB135273
	Magnesium	24800	25000	99	90 - 110	P	04/02/2025	17:35	LB135273
	Manganese	2500	2500	100	90 - 110	P	04/02/2025	17:35	LB135273
	Molybdenum	4970	5000	100	90 - 110	P	04/02/2025	17:35	LB135273
	Nickel	2520	2500	101	90 - 110	P	04/02/2025	17:35	LB135273
	Potassium	24300	25000	97	90 - 110	P	04/02/2025	17:35	LB135273
	Selenium	4950	5000	99	90 - 110	P	04/02/2025	17:35	LB135273
	Silver	1240	1250	99	90 - 110	P	04/02/2025	17:35	LB135273
	Sodium	24200	25000	97	90 - 110	P	04/02/2025	17:35	LB135273
	Thallium	4900	5000	98	90 - 110	P	04/02/2025	17:35	LB135273
	Tin	4990	5000	100	90 - 110	P	04/02/2025	17:35	LB135273
	Titanium	4960	5000	99	90 - 110	P	04/02/2025	17:35	LB135273
	Vanadium	2500	2500	100	90 - 110	P	04/02/2025	17:35	LB135273
	Zinc	2490	2500	100	90 - 110	P	04/02/2025	17:35	LB135273
CCV03	Aluminum	9550	10000	96	90 - 110	P	04/02/2025	17:53	LB135273
	Antimony	4850	5000	97	90 - 110	P	04/02/2025	17:53	LB135273
	Arsenic	4850	5000	97	90 - 110	P	04/02/2025	17:53	LB135273
	Barium	9480	10000	95	90 - 110	P	04/02/2025	17:53	LB135273
	Beryllium	245	250	98	90 - 110	P	04/02/2025	17:53	LB135273
	Boron	4910	5000	98	90 - 110	P	04/02/2025	17:53	LB135273
	Cadmium	2470	2500	99	90 - 110	P	04/02/2025	17:53	LB135273
	Calcium	23600	25000	94	90 - 110	P	04/02/2025	17:53	LB135273
	Chromium	1010	1000	101	90 - 110	P	04/02/2025	17:53	LB135273
	Cobalt	2480	2500	99	90 - 110	P	04/02/2025	17:53	LB135273
	Copper	1240	1250	99	90 - 110	P	04/02/2025	17:53	LB135273
	Iron	4890	5000	98	90 - 110	P	04/02/2025	17:53	LB135273
	Lead	4900	5000	98	90 - 110	P	04/02/2025	17:53	LB135273
	Magnesium	23700	25000	95	90 - 110	P	04/02/2025	17:53	LB135273
	Manganese	2400	2500	96	90 - 110	P	04/02/2025	17:53	LB135273
	Molybdenum	4790	5000	96	90 - 110	P	04/02/2025	17:53	LB135273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark SDG No.: Q1503
Contract: ALLI03 Lab Code: CHEM Case No.: Q1503 SAS No.: Q1503
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Nickel	2440	2500	98	90 - 110	P	04/02/2025	17:53	LB135273
	Potassium	24500	25000	98	90 - 110	P	04/02/2025	17:53	LB135273
	Selenium	4840	5000	97	90 - 110	P	04/02/2025	17:53	LB135273
	Silver	1250	1250	100	90 - 110	P	04/02/2025	17:53	LB135273
	Sodium	24400	25000	97	90 - 110	P	04/02/2025	17:53	LB135273
	Thallium	4820	5000	96	90 - 110	P	04/02/2025	17:53	LB135273
	Tin	4840	5000	97	90 - 110	P	04/02/2025	17:53	LB135273
	Titanium	4780	5000	96	90 - 110	P	04/02/2025	17:53	LB135273
	Vanadium	2410	2500	96	90 - 110	P	04/02/2025	17:53	LB135273
	Zinc	2510	2500	100	90 - 110	P	04/02/2025	17:53	LB135273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2600	2500	104	95 - 105	P	04/03/2025	12:06	LB135289
	Antimony	1070	1000	107	95 - 105	P	04/03/2025	12:06	LB135289
	Arsenic	1040	1000	104	95 - 105	P	04/03/2025	12:06	LB135289
	Barium	495	520	95	95 - 105	P	04/03/2025	12:06	LB135289
	Beryllium	494	510	97	95 - 105	P	04/03/2025	12:06	LB135289
	Cadmium	511	510	100	95 - 105	P	04/03/2025	12:06	LB135289
	Calcium	10000	10000	100	95 - 105	P	04/03/2025	12:06	LB135289
	Chromium	529	520	102	95 - 105	P	04/03/2025	12:06	LB135289
	Cobalt	520	520	100	95 - 105	P	04/03/2025	12:06	LB135289
	Copper	516	510	101	95 - 105	P	04/03/2025	12:06	LB135289
	Iron	10300	10000	103	95 - 105	P	04/03/2025	12:06	LB135289
	Lead	1010	1000	101	95 - 105	P	04/03/2025	12:06	LB135289
	Magnesium	5780	6000	96	95 - 105	P	04/03/2025	12:06	LB135289
	Manganese	501	520	96	95 - 105	P	04/03/2025	12:06	LB135289
	Nickel	549	530	104	95 - 105	P	04/03/2025	12:06	LB135289
	Potassium	10200	9900	103	95 - 105	P	04/03/2025	12:06	LB135289
	Selenium	1050	1000	105	95 - 105	P	04/03/2025	12:06	LB135289
	Silver	261	250	104	95 - 105	P	04/03/2025	12:06	LB135289
	Sodium	10500	10000	105	95 - 105	P	04/03/2025	12:06	LB135289
	Thallium	1100	1000	110	95 - 105	P	04/03/2025	12:06	LB135289
	Vanadium	497	500	100	95 - 105	P	04/03/2025	12:06	LB135289
	Zinc	1030	1000	103	95 - 105	P	04/03/2025	12:06	LB135289

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	108	100	108	80 - 120	P	04/03/2025	12:11	LB135289
	Antimony	50.7	50.0	101	80 - 120	P	04/03/2025	12:11	LB135289
	Arsenic	20.6	20.0	103	80 - 120	P	04/03/2025	12:11	LB135289
	Barium	88.9	100	89	80 - 120	P	04/03/2025	12:11	LB135289
	Beryllium	5.78	6.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Cadmium	5.76	6.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Calcium	1970	2000	99	80 - 120	P	04/03/2025	12:11	LB135289
	Chromium	9.76	10.0	98	80 - 120	P	04/03/2025	12:11	LB135289
	Cobalt	28.7	30.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Copper	22.8	20.0	114	80 - 120	P	04/03/2025	12:11	LB135289
	Iron	102	100	102	80 - 120	P	04/03/2025	12:11	LB135289
	Lead	11.1	12.0	93	80 - 120	P	04/03/2025	12:11	LB135289
	Magnesium	2010	2000	100	80 - 120	P	04/03/2025	12:11	LB135289
	Manganese	16.8	20.0	84	80 - 120	P	04/03/2025	12:11	LB135289
	Nickel	38.6	40.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Potassium	1900	2000	95	80 - 120	P	04/03/2025	12:11	LB135289
	Selenium	17.6	20.0	88	80 - 120	P	04/03/2025	12:11	LB135289
	Silver	10.4	10.0	104	80 - 120	P	04/03/2025	12:11	LB135289
	Sodium	1990	2000	99	80 - 120	P	04/03/2025	12:11	LB135289
	Thallium	39.8	40.0	100	80 - 120	P	04/03/2025	12:11	LB135289
	Vanadium	39.2	40.0	98	80 - 120	P	04/03/2025	12:11	LB135289
	Zinc	45.4	40.0	114	80 - 120	P	04/03/2025	12:11	LB135289

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9890	10000	99	90 - 110	P	04/03/2025	12:41	LB135289
	Antimony	5130	5000	103	90 - 110	P	04/03/2025	12:41	LB135289
	Arsenic	5050	5000	101	90 - 110	P	04/03/2025	12:41	LB135289
	Barium	9400	10000	94	90 - 110	P	04/03/2025	12:41	LB135289
	Beryllium	240	250	96	90 - 110	P	04/03/2025	12:41	LB135289
	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	12:41	LB135289
	Calcium	23900	25000	96	90 - 110	P	04/03/2025	12:41	LB135289
	Chromium	1020	1000	102	90 - 110	P	04/03/2025	12:41	LB135289
	Cobalt	2440	2500	98	90 - 110	P	04/03/2025	12:41	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	12:41	LB135289
	Iron	4870	5000	97	90 - 110	P	04/03/2025	12:41	LB135289
	Lead	4930	5000	99	90 - 110	P	04/03/2025	12:41	LB135289
	Magnesium	23600	25000	94	90 - 110	P	04/03/2025	12:41	LB135289
	Manganese	2320	2500	93	90 - 110	P	04/03/2025	12:41	LB135289
	Nickel	2430	2500	97	90 - 110	P	04/03/2025	12:41	LB135289
	Potassium	24800	25000	99	90 - 110	P	04/03/2025	12:41	LB135289
	Selenium	5110	5000	102	90 - 110	P	04/03/2025	12:41	LB135289
	Silver	1260	1250	101	90 - 110	P	04/03/2025	12:41	LB135289
	Sodium	25700	25000	103	90 - 110	P	04/03/2025	12:41	LB135289
	Thallium	5150	5000	103	90 - 110	P	04/03/2025	12:41	LB135289
CCV02	Vanadium	2410	2500	96	90 - 110	P	04/03/2025	12:41	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	12:41	LB135289
	Aluminum	9620	10000	96	90 - 110	P	04/03/2025	13:53	LB135289
	Antimony	5080	5000	102	90 - 110	P	04/03/2025	13:53	LB135289
	Arsenic	5030	5000	100	90 - 110	P	04/03/2025	13:53	LB135289
	Barium	9400	10000	94	90 - 110	P	04/03/2025	13:53	LB135289
	Beryllium	228	250	91	90 - 110	P	04/03/2025	13:53	LB135289
	Cadmium	2410	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Calcium	23200	25000	93	90 - 110	P	04/03/2025	13:53	LB135289
	Chromium	995	1000	100	90 - 110	P	04/03/2025	13:53	LB135289
	Cobalt	2420	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Copper	1260	1250	101	90 - 110	P	04/03/2025	13:53	LB135289
	Iron	4860	5000	97	90 - 110	P	04/03/2025	13:53	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	13:53	LB135289

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	22900	25000	91	90 - 110	P	04/03/2025	13:53	LB135289
	Manganese	2260	2500	90	90 - 110	P	04/03/2025	13:53	LB135289
	Nickel	2420	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Potassium	24800	25000	99	90 - 110	P	04/03/2025	13:53	LB135289
	Selenium	5060	5000	101	90 - 110	P	04/03/2025	13:53	LB135289
	Silver	1230	1250	98	90 - 110	P	04/03/2025	13:53	LB135289
	Sodium	25600	25000	102	90 - 110	P	04/03/2025	13:53	LB135289
	Thallium	5010	5000	100	90 - 110	P	04/03/2025	13:53	LB135289
	Vanadium	2350	2500	94	90 - 110	P	04/03/2025	13:53	LB135289
	Zinc	2490	2500	100	90 - 110	P	04/03/2025	13:53	LB135289
CCV03	Aluminum	9770	10000	98	90 - 110	P	04/03/2025	14:39	LB135289
	Antimony	5090	5000	102	90 - 110	P	04/03/2025	14:39	LB135289
	Arsenic	5030	5000	101	90 - 110	P	04/03/2025	14:39	LB135289
	Barium	9580	10000	96	90 - 110	P	04/03/2025	14:39	LB135289
	Beryllium	242	250	97	90 - 110	P	04/03/2025	14:39	LB135289
	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Calcium	23700	25000	95	90 - 110	P	04/03/2025	14:39	LB135289
	Chromium	1010	1000	101	90 - 110	P	04/03/2025	14:39	LB135289
	Cobalt	2450	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	14:39	LB135289
	Iron	4880	5000	98	90 - 110	P	04/03/2025	14:39	LB135289
	Lead	4910	5000	98	90 - 110	P	04/03/2025	14:39	LB135289
	Magnesium	23900	25000	96	90 - 110	P	04/03/2025	14:39	LB135289
	Manganese	2320	2500	93	90 - 110	P	04/03/2025	14:39	LB135289
	Nickel	2450	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Potassium	24600	25000	99	90 - 110	P	04/03/2025	14:39	LB135289
	Selenium	5080	5000	102	90 - 110	P	04/03/2025	14:39	LB135289
	Silver	1250	1250	100	90 - 110	P	04/03/2025	14:39	LB135289
	Sodium	25300	25000	101	90 - 110	P	04/03/2025	14:39	LB135289
	Thallium	5200	5000	104	90 - 110	P	04/03/2025	14:39	LB135289
	Vanadium	2410	2500	96	90 - 110	P	04/03/2025	14:39	LB135289
	Zinc	2520	2500	101	90 - 110	P	04/03/2025	14:39	LB135289
CCV04	Aluminum	9360	10000	94	90 - 110	P	04/03/2025	15:32	LB135289
	Antimony	4900	5000	98	90 - 110	P	04/03/2025	15:32	LB135289

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4890	5000	98	90 - 110	P	04/03/2025	15:32	LB135289
	Barium	9580	10000	96	90 - 110	P	04/03/2025	15:32	LB135289
	Beryllium	231	250	92	90 - 110	P	04/03/2025	15:32	LB135289
	Cadmium	2430	2500	97	90 - 110	P	04/03/2025	15:32	LB135289
	Calcium	23100	25000	92	90 - 110	P	04/03/2025	15:32	LB135289
	Chromium	990	1000	99	90 - 110	P	04/03/2025	15:32	LB135289
	Cobalt	2440	2500	98	90 - 110	P	04/03/2025	15:32	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	15:32	LB135289
	Iron	4970	5000	99	90 - 110	P	04/03/2025	15:32	LB135289
	Lead	4850	5000	97	90 - 110	P	04/03/2025	15:32	LB135289
	Magnesium	23700	25000	95	90 - 110	P	04/03/2025	15:32	LB135289
	Manganese	2300	2500	92	90 - 110	P	04/03/2025	15:32	LB135289
	Nickel	2470	2500	99	90 - 110	P	04/03/2025	15:32	LB135289
	Potassium	25000	25000	100	90 - 110	P	04/03/2025	15:32	LB135289
	Selenium	4900	5000	98	90 - 110	P	04/03/2025	15:32	LB135289
	Silver	1230	1250	98	90 - 110	P	04/03/2025	15:32	LB135289
	Sodium	25200	25000	101	90 - 110	P	04/03/2025	15:32	LB135289
	Thallium	5110	5000	102	90 - 110	P	04/03/2025	15:32	LB135289
	Vanadium	2390	2500	96	90 - 110	P	04/03/2025	15:32	LB135289
	Zinc	2460	2500	98	90 - 110	P	04/03/2025	15:32	LB135289
CCV05	Aluminum	9300	10000	93	90 - 110	P	04/03/2025	16:36	LB135289
	Antimony	4940	5000	99	90 - 110	P	04/03/2025	16:36	LB135289
	Arsenic	4900	5000	98	90 - 110	P	04/03/2025	16:36	LB135289
	Barium	9610	10000	96	90 - 110	P	04/03/2025	16:36	LB135289
	Beryllium	227	250	91	90 - 110	P	04/03/2025	16:36	LB135289
	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
	Calcium	23000	25000	92	90 - 110	P	04/03/2025	16:36	LB135289
	Chromium	994	1000	99	90 - 110	P	04/03/2025	16:36	LB135289
	Cobalt	2450	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	16:36	LB135289
	Iron	4900	5000	98	90 - 110	P	04/03/2025	16:36	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	16:36	LB135289
	Magnesium	23700	25000	95	90 - 110	P	04/03/2025	16:36	LB135289
	Manganese	2260	2500	91	90 - 110	P	04/03/2025	16:36	LB135289

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2480	2500	99	90 - 110	P	04/03/2025	16:36	LB135289
	Potassium	24700	25000	99	90 - 110	P	04/03/2025	16:36	LB135289
	Selenium	4900	5000	98	90 - 110	P	04/03/2025	16:36	LB135289
	Silver	1220	1250	98	90 - 110	P	04/03/2025	16:36	LB135289
	Sodium	25100	25000	100	90 - 110	P	04/03/2025	16:36	LB135289
	Thallium	5060	5000	101	90 - 110	P	04/03/2025	16:36	LB135289
	Vanadium	2380	2500	95	90 - 110	P	04/03/2025	16:36	LB135289
	Zinc	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
CCV06	Aluminum	9570	10000	96	90 - 110	P	04/03/2025	17:48	LB135289
	Antimony	5050	5000	101	90 - 110	P	04/03/2025	17:48	LB135289
	Arsenic	5010	5000	100	90 - 110	P	04/03/2025	17:48	LB135289
	Barium	9640	10000	96	90 - 110	P	04/03/2025	17:48	LB135289
	Beryllium	239	250	96	90 - 110	P	04/03/2025	17:48	LB135289
	Cadmium	2480	2500	99	90 - 110	P	04/03/2025	17:48	LB135289
	Calcium	23600	25000	94	90 - 110	P	04/03/2025	17:48	LB135289
	Chromium	1010	1000	101	90 - 110	P	04/03/2025	17:48	LB135289
	Cobalt	2490	2500	100	90 - 110	P	04/03/2025	17:48	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	17:48	LB135289
	Iron	4880	5000	98	90 - 110	P	04/03/2025	17:48	LB135289
	Lead	4940	5000	99	90 - 110	P	04/03/2025	17:48	LB135289
	Magnesium	24100	25000	97	90 - 110	P	04/03/2025	17:48	LB135289
	Manganese	2310	2500	92	90 - 110	P	04/03/2025	17:48	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
	Potassium	25300	25000	101	90 - 110	P	04/03/2025	17:48	LB135289
	Selenium	5020	5000	100	90 - 110	P	04/03/2025	17:48	LB135289
	Silver	1250	1250	100	90 - 110	P	04/03/2025	17:48	LB135289
	Sodium	27000	25000	108	90 - 110	P	04/03/2025	17:48	LB135289
	Thallium	5220	5000	104	90 - 110	P	04/03/2025	17:48	LB135289
	Vanadium	2430	2500	97	90 - 110	P	04/03/2025	17:48	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
CCV07	Aluminum	9840	10000	98	90 - 110	P	04/03/2025	18:29	LB135289
	Antimony	5050	5000	101	90 - 110	P	04/03/2025	18:29	LB135289
	Arsenic	5020	5000	100	90 - 110	P	04/03/2025	18:29	LB135289
	Barium	9620	10000	96	90 - 110	P	04/03/2025	18:29	LB135289

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	253	250	101	90 - 110	P	04/03/2025	18:29	LB135289
	Cadmium	2490	2500	100	90 - 110	P	04/03/2025	18:29	LB135289
	Calcium	24200	25000	97	90 - 110	P	04/03/2025	18:29	LB135289
	Chromium	1050	1000	104	90 - 110	P	04/03/2025	18:29	LB135289
	Cobalt	2500	2500	100	90 - 110	P	04/03/2025	18:29	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	18:29	LB135289
	Iron	4960	5000	99	90 - 110	P	04/03/2025	18:29	LB135289
	Lead	4980	5000	100	90 - 110	P	04/03/2025	18:29	LB135289
	Magnesium	24700	25000	99	90 - 110	P	04/03/2025	18:29	LB135289
	Manganese	2360	2500	94	90 - 110	P	04/03/2025	18:29	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	18:29	LB135289
	Potassium	25300	25000	101	90 - 110	P	04/03/2025	18:29	LB135289
	Selenium	5010	5000	100	90 - 110	P	04/03/2025	18:29	LB135289
	Silver	1290	1250	103	90 - 110	P	04/03/2025	18:29	LB135289
	Sodium	26600	25000	106	90 - 110	P	04/03/2025	18:29	LB135289
	Thallium	5310	5000	106	90 - 110	P	04/03/2025	18:29	LB135289
	Vanadium	2470	2500	99	90 - 110	P	04/03/2025	18:29	LB135289
	Zinc	2590	2500	104	90 - 110	P	04/03/2025	18:29	LB135289

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2400	2500	96	95 - 105	P	04/07/2025	12:35	LB135333
	Antimony	1020	1000	102	95 - 105	P	04/07/2025	12:35	LB135333
	Arsenic	999	1000	100	95 - 105	P	04/07/2025	12:35	LB135333
	Barium	505	520	97	95 - 105	P	04/07/2025	12:35	LB135333
	Beryllium	535	510	105	95 - 105	P	04/07/2025	12:35	LB135333
	Boron	2530	2500	101	95 - 105	P	04/07/2025	12:35	LB135333
	Cadmium	495	510	97	95 - 105	P	04/07/2025	12:35	LB135333
	Calcium	10300	10000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Chromium	523	520	101	95 - 105	P	04/07/2025	12:35	LB135333
	Cobalt	506	520	97	95 - 105	P	04/07/2025	12:35	LB135333
	Copper	521	510	102	95 - 105	P	04/07/2025	12:35	LB135333
	Iron	9720	10000	97	95 - 105	P	04/07/2025	12:35	LB135333
	Lead	977	1000	98	95 - 105	P	04/07/2025	12:35	LB135333
	Magnesium	6160	6000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Manganese	515	520	99	95 - 105	P	04/07/2025	12:35	LB135333
	Molybdenum	2460	2500	98	95 - 105	P	04/07/2025	12:35	LB135333
	Nickel	508	530	96	95 - 105	P	04/07/2025	12:35	LB135333
	Potassium	9430	9900	95	95 - 105	P	04/07/2025	12:35	LB135333
	Selenium	1030	1000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Silver	242	250	97	95 - 105	P	04/07/2025	12:35	LB135333
	Sodium	10400	10000	104	95 - 105	P	04/07/2025	12:35	LB135333
	Thallium	1040	1000	104	95 - 105	P	04/07/2025	12:35	LB135333
	Tin	2500	2500	100	95 - 105	P	04/07/2025	12:35	LB135333
	Titanium	2510	2500	101	95 - 105	P	04/07/2025	12:35	LB135333
	Vanadium	507	500	101	95 - 105	P	04/07/2025	12:35	LB135333
	Zinc	1010	1000	101	95 - 105	P	04/07/2025	12:35	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	04/07/2025	13:00	LB135333
	Antimony	52.7	50.0	105	80 - 120	P	04/07/2025	13:00	LB135333
	Arsenic	23.6	20.0	118	80 - 120	P	04/07/2025	13:00	LB135333
	Barium	89.6	100	90	80 - 120	P	04/07/2025	13:00	LB135333
	Beryllium	5.68	6.0	95	80 - 120	P	04/07/2025	13:00	LB135333
	Boron	89.4	100	89	80 - 120	P	04/07/2025	13:00	LB135333
	Cadmium	5.74	6.0	96	80 - 120	P	04/07/2025	13:00	LB135333
	Calcium	1910	2000	95	80 - 120	P	04/07/2025	13:00	LB135333
	Chromium	9.71	10.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Cobalt	29.2	30.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Copper	22.1	20.0	110	80 - 120	P	04/07/2025	13:00	LB135333
	Iron	93.7	100	94	80 - 120	P	04/07/2025	13:00	LB135333
	Lead	11.1	12.0	93	80 - 120	P	04/07/2025	13:00	LB135333
	Magnesium	2010	2000	100	80 - 120	P	04/07/2025	13:00	LB135333
	Manganese	20.7	20.0	104	80 - 120	P	04/07/2025	13:00	LB135333
	Molybdenum	208	200	104	80 - 120	P	04/07/2025	13:00	LB135333
	Nickel	39.3	40.0	98	80 - 120	P	04/07/2025	13:00	LB135333
	Potassium	1750	2000	87	80 - 120	P	04/07/2025	13:00	LB135333
	Selenium	19.6	20.0	98	80 - 120	P	04/07/2025	13:00	LB135333
	Silver	10.4	10.0	104	80 - 120	P	04/07/2025	13:00	LB135333
	Sodium	1990	2000	100	80 - 120	P	04/07/2025	13:00	LB135333
	Thallium	40.7	40.0	102	80 - 120	P	04/07/2025	13:00	LB135333
	Tin	39.0	40.0	98	80 - 120	P	04/07/2025	13:00	LB135333
	Titanium	37.6	40.0	94	80 - 120	P	04/07/2025	13:00	LB135333
	Vanadium	38.8	40.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Zinc	41.5	40.0	104	80 - 120	P	04/07/2025	13:00	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9830	10000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Antimony	5040	5000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Arsenic	5000	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Barium	9860	10000	99	90 - 110	P	04/07/2025	13:42	LB135333
	Beryllium	249	250	100	90 - 110	P	04/07/2025	13:42	LB135333
	Boron	5000	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Cadmium	2480	2500	99	90 - 110	P	04/07/2025	13:42	LB135333
	Calcium	24500	25000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Chromium	1010	1000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Cobalt	2480	2500	99	90 - 110	P	04/07/2025	13:42	LB135333
	Copper	1260	1250	101	90 - 110	P	04/07/2025	13:42	LB135333
	Iron	4980	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Lead	4970	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Magnesium	24400	25000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Manganese	2450	2500	98	90 - 110	P	04/07/2025	13:42	LB135333
	Molybdenum	5090	5000	102	90 - 110	P	04/07/2025	13:42	LB135333
	Nickel	2490	2500	100	90 - 110	P	04/07/2025	13:42	LB135333
	Potassium	24900	25000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Selenium	5030	5000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Silver	1260	1250	101	90 - 110	P	04/07/2025	13:42	LB135333
	Sodium	24800	25000	99	90 - 110	P	04/07/2025	13:42	LB135333
	Thallium	5100	5000	102	90 - 110	P	04/07/2025	13:42	LB135333
	Tin	4990	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Titanium	4910	5000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Vanadium	2460	2500	98	90 - 110	P	04/07/2025	13:42	LB135333
	Zinc	2520	2500	101	90 - 110	P	04/07/2025	13:42	LB135333
CCV02	Aluminum	9500	10000	95	90 - 110	P	04/07/2025	15:07	LB135333
	Antimony	4900	5000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Arsenic	4840	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Barium	9880	10000	99	90 - 110	P	04/07/2025	15:07	LB135333
	Beryllium	236	250	94	90 - 110	P	04/07/2025	15:07	LB135333
	Boron	4800	5000	96	90 - 110	P	04/07/2025	15:07	LB135333
	Cadmium	2420	2500	97	90 - 110	P	04/07/2025	15:07	LB135333
	Calcium	23900	25000	96	90 - 110	P	04/07/2025	15:07	LB135333

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Chromium	976	1000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Cobalt	2410	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Copper	1230	1250	98	90 - 110	P	04/07/2025	15:07	LB135333
	Iron	4990	5000	100	90 - 110	P	04/07/2025	15:07	LB135333
	Lead	4830	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Magnesium	23500	25000	94	90 - 110	P	04/07/2025	15:07	LB135333
	Manganese	2390	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Molybdenum	4920	5000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Nickel	2420	2500	97	90 - 110	P	04/07/2025	15:07	LB135333
	Potassium	25000	25000	100	90 - 110	P	04/07/2025	15:07	LB135333
	Selenium	4870	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Silver	1230	1250	98	90 - 110	P	04/07/2025	15:07	LB135333
	Sodium	25200	25000	101	90 - 110	P	04/07/2025	15:07	LB135333
	Thallium	4910	5000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Tin	4850	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Titanium	4800	5000	96	90 - 110	P	04/07/2025	15:07	LB135333
	Vanadium	2410	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Zinc	2450	2500	98	90 - 110	P	04/07/2025	15:07	LB135333
CCV03	Aluminum	9610	10000	96	90 - 110	P	04/07/2025	15:41	LB135333
	Antimony	5080	5000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Arsenic	5040	5000	101	90 - 110	P	04/07/2025	15:41	LB135333
	Barium	9810	10000	98	90 - 110	P	04/07/2025	15:41	LB135333
	Beryllium	234	250	94	90 - 110	P	04/07/2025	15:41	LB135333
	Boron	4680	5000	94	90 - 110	P	04/07/2025	15:41	LB135333
	Cadmium	2470	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Calcium	23700	25000	95	90 - 110	P	04/07/2025	15:41	LB135333
	Chromium	1020	1000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Cobalt	2470	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Copper	1270	1250	101	90 - 110	P	04/07/2025	15:41	LB135333
	Iron	5170	5000	103	90 - 110	P	04/07/2025	15:41	LB135333
	Lead	4970	5000	99	90 - 110	P	04/07/2025	15:41	LB135333
	Magnesium	23600	25000	94	90 - 110	P	04/07/2025	15:41	LB135333
	Manganese	2350	2500	94	90 - 110	P	04/07/2025	15:41	LB135333
	Molybdenum	5080	5000	102	90 - 110	P	04/07/2025	15:41	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Nickel	2480	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Potassium	26100	25000	104	90 - 110	P	04/07/2025	15:41	LB135333
	Selenium	5100	5000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Silver	1270	1250	102	90 - 110	P	04/07/2025	15:41	LB135333
	Sodium	25900	25000	104	90 - 110	P	04/07/2025	15:41	LB135333
	Thallium	5060	5000	101	90 - 110	P	04/07/2025	15:41	LB135333
	Tin	4980	5000	100	90 - 110	P	04/07/2025	15:41	LB135333
	Titanium	4780	5000	96	90 - 110	P	04/07/2025	15:41	LB135333
	Vanadium	2400	2500	96	90 - 110	P	04/07/2025	15:41	LB135333
	Zinc	2530	2500	101	90 - 110	P	04/07/2025	15:41	LB135333
CCV04	Aluminum	9620	10000	96	90 - 110	P	04/07/2025	17:00	LB135333
	Antimony	4990	5000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Arsenic	4920	5000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Barium	9750	10000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Beryllium	245	250	98	90 - 110	P	04/07/2025	17:00	LB135333
	Boron	4970	5000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Cadmium	2450	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Calcium	24100	25000	96	90 - 110	P	04/07/2025	17:00	LB135333
	Chromium	991	1000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Cobalt	2440	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Copper	1250	1250	100	90 - 110	P	04/07/2025	17:00	LB135333
	Iron	4960	5000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Lead	4900	5000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Magnesium	23800	25000	95	90 - 110	P	04/07/2025	17:00	LB135333
	Manganese	2420	2500	97	90 - 110	P	04/07/2025	17:00	LB135333
	Molybdenum	5010	5000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Nickel	2450	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Potassium	25000	25000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Selenium	4990	5000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Silver	1250	1250	100	90 - 110	P	04/07/2025	17:00	LB135333
	Sodium	25300	25000	101	90 - 110	P	04/07/2025	17:00	LB135333
	Thallium	4940	5000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Tin	4900	5000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Titanium	4850	5000	97	90 - 110	P	04/07/2025	17:00	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503

Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Vanadium	2420	2500	97	90 - 110	P	04/07/2025	17:00	LB135333
	Zinc	2490	2500	100	90 - 110	P	04/07/2025	17:00	LB135333
CCV05	Aluminum	9600	10000	96	90 - 110	P	04/07/2025	17:43	LB135333
	Antimony	4920	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Arsenic	4880	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Barium	9580	10000	96	90 - 110	P	04/07/2025	17:43	LB135333
	Beryllium	251	250	100	90 - 110	P	04/07/2025	17:43	LB135333
	Boron	5120	5000	102	90 - 110	P	04/07/2025	17:43	LB135333
	Cadmium	2430	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Calcium	23700	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Chromium	989	1000	99	90 - 110	P	04/07/2025	17:43	LB135333
	Cobalt	2420	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Copper	1240	1250	99	90 - 110	P	04/07/2025	17:43	LB135333
	Iron	4760	5000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Lead	4840	5000	97	90 - 110	P	04/07/2025	17:43	LB135333
	Magnesium	23800	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Manganese	2370	2500	95	90 - 110	P	04/07/2025	17:43	LB135333
	Molybdenum	4950	5000	99	90 - 110	P	04/07/2025	17:43	LB135333
	Nickel	2430	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Potassium	23700	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Selenium	4900	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Silver	1240	1250	99	90 - 110	P	04/07/2025	17:43	LB135333
	Sodium	23500	25000	94	90 - 110	P	04/07/2025	17:43	LB135333
	Thallium	4910	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Tin	4870	5000	97	90 - 110	P	04/07/2025	17:43	LB135333
	Titanium	4750	5000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Vanadium	2400	2500	96	90 - 110	P	04/07/2025	17:43	LB135333
	Zinc	2470	2500	99	90 - 110	P	04/07/2025	17:43	LB135333
CCV06	Aluminum	9570	10000	96	90 - 110	P	04/07/2025	18:51	LB135333
	Antimony	5000	5000	100	90 - 110	P	04/07/2025	18:51	LB135333
	Arsenic	4930	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Barium	9840	10000	98	90 - 110	P	04/07/2025	18:51	LB135333
	Beryllium	235	250	94	90 - 110	P	04/07/2025	18:51	LB135333
	Boron	4750	5000	95	90 - 110	P	04/07/2025	18:51	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1503
Contract: ALLI03 **Lab Code:** CHEM **Case No.:** Q1503 **SAS No.:** Q1503
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Cadmium	2450	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Calcium	23900	25000	96	90 - 110	P	04/07/2025	18:51	LB135333
	Chromium	997	1000	100	90 - 110	P	04/07/2025	18:51	LB135333
	Cobalt	2440	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Copper	1260	1250	100	90 - 110	P	04/07/2025	18:51	LB135333
	Iron	5120	5000	102	90 - 110	P	04/07/2025	18:51	LB135333
	Lead	4890	5000	98	90 - 110	P	04/07/2025	18:51	LB135333
	Magnesium	23600	25000	94	90 - 110	P	04/07/2025	18:51	LB135333
	Manganese	2370	2500	95	90 - 110	P	04/07/2025	18:51	LB135333
	Molybdenum	4990	5000	100	90 - 110	P	04/07/2025	18:51	LB135333
	Nickel	2450	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Potassium	25700	25000	103	90 - 110	P	04/07/2025	18:51	LB135333
	Selenium	4970	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Silver	1240	1250	99	90 - 110	P	04/07/2025	18:51	LB135333
	Sodium	25800	25000	103	90 - 110	P	04/07/2025	18:51	LB135333
	Thallium	4940	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Tin	4910	5000	98	90 - 110	P	04/07/2025	18:51	LB135333
	Titanium	4800	5000	96	90 - 110	P	04/07/2025	18:51	LB135333
	Vanadium	2410	2500	96	90 - 110	P	04/07/2025	18:51	LB135333
	Zinc	2470	2500	99	90 - 110	P	04/07/2025	18:51	LB135333