

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJJ2Instrument ID: P5Start Date : 12/27/2024Analytical Method: ICP-AESRun Batch : LB134114

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999842	0.100060	-0.000266	WLR Blank	Inverse Conc
Antimony	0.995864	0.118106	0.000254	WLR Blank	Inverse Conc
Arsenic	0.999800	156.923530	0.027719	WLR Blank	Inverse Conc
Barium	0.999930	3.573707	0.091981	WLR Blank	Inverse Conc
Beryllium	0.999966	10.047430	0.001742	WLR Blank	Inverse Conc
Boron	0.999556	0.945534	0.007337	WLR Blank	Inverse Conc
Cadmium	0.999923	5.725509	0.000361	WLR Blank	Inverse Conc
Calcium	0.999979	0.073276	0.003639	WLR Blank	Inverse Conc
Chromium	0.999973	0.193839	0.000203	WLR Blank	Inverse Conc
Cobalt	0.999920	1.017961	-0.000304	WLR Blank	Inverse Conc
Copper	0.999964	0.197422	0.002559	WLR Blank	Inverse Conc
Iron	0.999957	0.021475	-0.000278	WLR Blank	Inverse Conc
Lead	0.999756	0.360619	0.000383	WLR Blank	Inverse Conc
Lithium	0.999899	1.101915	-0.003424	WLR Blank	Inverse Conc
Magnesium	0.999979	0.010188	-0.001401	WLR Blank	Inverse Conc
Manganese	0.999960	0.476790	0.000353	WLR Blank	Inverse Conc
Molybdenum	0.996721	0.589536	0.000217	WLR Blank	Inverse Conc
Nickel	0.999885	0.953359	-0.000284	WLR Blank	Inverse Conc
Phosphorus	0.999370	0.104279	-0.002554	WLR Blank	Inverse Conc
Potassium	0.999691	0.026202	0.078852	WLR Blank	Inverse Conc
Selenium	0.997621	0.074303	-0.000085	WLR Blank	Inverse Conc
Silicon	0.994603	1.429473	0.014317	WLR Blank	Inverse Conc
Silver	0.999784	0.260195	-0.000392	WLR Blank	Inverse Conc
Sodium	0.998153	0.376774	-0.031962	WLR Blank	Inverse Conc
Strontium	0.999965	7.164940	-0.002159	WLR Blank	Inverse Conc
Sulfur	0.999045	0.038810	0.000345	WLR Blank	Inverse Conc
Thallium	0.999974	0.127996	-0.000223	WLR Blank	Inverse Conc
Tin	0.999736	0.147576	0.000613	WLR Blank	Inverse Conc
Vanadium	0.999953	0.102531	0.000187	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJJ2
Instrument ID: P5 Start Date : 12/27/2024
Analytical Method: ICP-AES Run Batch : LB134114

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.997774	1.739977	0.004113	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJJ2Instrument ID: P5Start Date : 12/30/2024Analytical Method: ICP-AESRun Batch : LB134132

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999951	0.113968	0.000875	WLR Blank	Inverse Conc
Antimony	0.999083	0.160865	-0.000312	WLR Blank	Inverse Conc
Arsenic	0.999548	117.421280	0.487541	WLR Blank	Inverse Conc
Barium	0.999935	4.245252	0.053605	WLR Blank	Inverse Conc
Beryllium	0.999925	10.450081	-0.000173	WLR Blank	Inverse Conc
Boron	0.999296	0.762832	0.006534	WLR Blank	Inverse Conc
Cadmium	0.999988	3.967115	0.000151	WLR Blank	Inverse Conc
Calcium	0.999947	0.052583	0.005249	WLR Blank	Inverse Conc
Chromium	0.999926	0.291879	-0.000123	WLR Blank	Inverse Conc
Cobalt	0.999977	1.107243	-0.000442	WLR Blank	Inverse Conc
Copper	0.999947	0.134754	0.000698	WLR Blank	Inverse Conc
Iron	0.999784	0.023007	0.000335	WLR Blank	Inverse Conc
Lead	0.999915	0.251458	0.000232	WLR Blank	Inverse Conc
Lithium	0.999886	1.263612	0.042925	WLR Blank	Inverse Conc
Magnesium	0.999957	0.010916	-0.001169	WLR Blank	Inverse Conc
Manganese	0.999945	0.414990	0.000007	WLR Blank	Inverse Conc
Molybdenum	0.999370	0.766525	-0.000025	WLR Blank	Inverse Conc
Nickel	0.999973	0.665882	-0.001016	WLR Blank	Inverse Conc
Phosphorus	0.999733	0.080303	-0.003951	WLR Blank	Inverse Conc
Potassium	0.999790	0.029187	0.063542	WLR Blank	Inverse Conc
Selenium	0.999649	0.064417	-0.000074	WLR Blank	Inverse Conc
Silicon	0.994404	1.563030	0.013342	WLR Blank	Inverse Conc
Silver	0.999823	0.306197	0.000378	WLR Blank	Inverse Conc
Sodium	0.998069	0.388794	0.006771	WLR Blank	Inverse Conc
Strontium	0.999979	8.362116	-0.001176	WLR Blank	Inverse Conc
Sulfur	0.999510	0.046242	0.000099	WLR Blank	Inverse Conc
Thallium	0.999947	0.092687	-0.000178	WLR Blank	Inverse Conc
Tin	0.999898	0.129221	0.000797	WLR Blank	Inverse Conc
Vanadium	0.999976	0.111652	-0.000002	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJJ2
Instrument ID: P5 Start Date : 12/30/2024
Analytical Method: ICP-AES Run Batch : LB134132

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999817	2.486116	0.070515	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJJ2Instrument ID: P5Start Date : 12/31/2024Analytical Method: ICP-AESRun Batch : LB134139

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999935	0.116225	-0.002383	WLR Blank	Inverse Conc
Antimony	0.999456	0.164253	0.000618	WLR Blank	Inverse Conc
Arsenic	0.999659	121.442660	0.701325	WLR Blank	Inverse Conc
Barium	0.999937	4.393278	0.059957	WLR Blank	Inverse Conc
Beryllium	0.999923	11.780982	0.003304	WLR Blank	Inverse Conc
Boron	0.998268	0.868994	0.021015	WLR Blank	Inverse Conc
Cadmium	0.999978	4.066746	0.001108	WLR Blank	Inverse Conc
Calcium	0.999981	0.053687	0.005749	WLR Blank	Inverse Conc
Chromium	0.999935	0.304189	0.000422	WLR Blank	Inverse Conc
Cobalt	0.999984	1.111775	-0.000372	WLR Blank	Inverse Conc
Copper	0.999907	0.136088	0.002278	WLR Blank	Inverse Conc
Iron	0.999824	0.022795	0.001631	WLR Blank	Inverse Conc
Lead	0.999947	0.257599	-0.000160	WLR Blank	Inverse Conc
Lithium	0.997962	1.287354	0.153812	WLR Blank	Inverse Conc
Magnesium	0.999981	0.010894	-0.000885	WLR Blank	Inverse Conc
Manganese	0.999981	0.414666	0.005245	WLR Blank	Inverse Conc
Molybdenum	0.999580	0.635437	0.001919	WLR Blank	Inverse Conc
Nickel	0.999978	0.674444	-0.001170	WLR Blank	Inverse Conc
Phosphorus	0.999778	0.081379	-0.004186	WLR Blank	Inverse Conc
Potassium	0.999666	0.030024	0.084576	WLR Blank	Inverse Conc
Selenium	0.999755	0.067168	0.000506	WLR Blank	Inverse Conc
Silicon	0.993739	1.790648	0.013886	WLR Blank	Inverse Conc
Silver	0.999877	0.316682	0.001266	WLR Blank	Inverse Conc
Sodium	0.998291	0.425644	0.145186	WLR Blank	Inverse Conc
Strontium	0.999935	8.554425	0.002994	WLR Blank	Inverse Conc
Sulfur	0.999573	0.048368	0.000327	WLR Blank	Inverse Conc
Thallium	0.999896	0.092640	-0.000135	WLR Blank	Inverse Conc
Tin	0.999843	0.130498	0.001564	WLR Blank	Inverse Conc
Vanadium	0.999968	0.112037	-0.000038	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJJ2
Instrument ID: P5 Start Date : 12/31/2024
Analytical Method: ICP-AES Run Batch : LB134139

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999941	2.467046	0.037870	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJJ2Instrument ID: P5Start Date : 01/02/2025Analytical Method: ICP-AESRun Batch : LB134151

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999306	0.063798	-0.000689	WLR Blank	Inverse Conc
Antimony	0.999485	0.126073	0.000965	WLR Blank	Inverse Conc
Arsenic	0.999604	192.201020	0.342213	WLR Blank	Inverse Conc
Barium	0.999907	4.510209	0.026735	WLR Blank	Inverse Conc
Beryllium	0.999725	23.309573	0.005877	WLR Blank	Inverse Conc
Boron	0.999174	2.365005	0.031765	WLR Blank	Inverse Conc
Cadmium	0.999979	3.821092	0.000519	WLR Blank	Inverse Conc
Calcium	0.999801	0.047826	0.009728	WLR Blank	Inverse Conc
Chromium	0.999649	0.349411	0.000084	WLR Blank	Inverse Conc
Cobalt	0.999927	0.887172	-0.000349	WLR Blank	Inverse Conc
Copper	0.999459	13.433793	0.313326	WLR Blank	Inverse Conc
Iron	0.999745	0.012555	0.000240	WLR Blank	Inverse Conc
Lead	0.999925	0.387604	0.000192	WLR Blank	Inverse Conc
Lithium	0.999716	1.352669	0.034422	WLR Blank	Inverse Conc
Magnesium	0.999761	0.006156	-0.002459	WLR Blank	Inverse Conc
Manganese	0.999443	0.289043	-0.000152	WLR Blank	Inverse Conc
Molybdenum	0.999685	0.608353	0.000834	WLR Blank	Inverse Conc
Nickel	0.999991	0.633527	-0.001411	WLR Blank	Inverse Conc
Phosphorus	0.999806	0.068032	-0.002005	WLR Blank	Inverse Conc
Potassium	0.999668	0.030269	0.035214	WLR Blank	Inverse Conc
Selenium	0.999896	0.080001	-0.000176	WLR Blank	Inverse Conc
Silicon	0.992531	4.508709	0.063398	WLR Blank	Inverse Conc
Silver	0.999991	0.354907	0.000735	WLR Blank	Inverse Conc
Sodium	0.998363	1.645423	0.252901	WLR Blank	Inverse Conc
Strontium	0.999848	8.893481	-0.007866	WLR Blank	Inverse Conc
Sulfur	0.999669	0.044536	0.000143	WLR Blank	Inverse Conc
Thallium	0.999938	0.084016	-0.000276	WLR Blank	Inverse Conc
Tin	0.999947	0.122613	0.000335	WLR Blank	Inverse Conc
Vanadium	0.999139	6.534514	0.000382	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJJ2
Instrument ID: P5 Start Date : 01/02/2025
Analytical Method: ICP-AES Run Batch : LB134151

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999941	2.270869	0.013343	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 01/02/2025
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Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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