

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJJ8Instrument ID: P5Start Date : 12/14/2024Analytical Method: ICP-AESRun Batch : LB133953

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999928	0.111876	-0.001949	WLR Blank	Inverse Conc
Antimony	0.997518	0.173410	0.000778	WLR Blank	Inverse Conc
Arsenic	0.999594	150.230490	0.214427	WLR Blank	Inverse Conc
Barium	0.999978	4.404087	0.024769	WLR Blank	Inverse Conc
Beryllium	0.999903	11.387123	-0.000132	WLR Blank	Inverse Conc
Boron	0.999017	0.785560	0.016069	WLR Blank	Inverse Conc
Cadmium	0.999965	3.413332	0.000636	WLR Blank	Inverse Conc
Calcium	0.999990	0.050675	0.007479	WLR Blank	Inverse Conc
Chromium	0.999947	0.243392	0.000089	WLR Blank	Inverse Conc
Cobalt	0.999945	0.876111	0.000169	WLR Blank	Inverse Conc
Copper	0.999994	0.131273	0.001948	WLR Blank	Inverse Conc
Iron	0.999814	0.023786	0.000004	WLR Blank	Inverse Conc
Lead	0.999948	0.222764	-0.000580	WLR Blank	Inverse Conc
Lithium	0.999975	1.088872	0.026372	WLR Blank	Inverse Conc
Magnesium	0.999882	0.013351	-0.001431	WLR Blank	Inverse Conc
Manganese	0.999921	0.433512	0.000121	WLR Blank	Inverse Conc
Molybdenum	0.997685	0.774663	0.000044	WLR Blank	Inverse Conc
Nickel	0.999972	0.575535	0.000091	WLR Blank	Inverse Conc
Phosphorus	0.999706	0.065580	-0.003185	WLR Blank	Inverse Conc
Potassium	0.999874	0.028637	0.092603	WLR Blank	Inverse Conc
Selenium	0.998383	0.071077	-0.000237	WLR Blank	Inverse Conc
Silicon	0.993092	1.526220	0.081703	WLR Blank	Inverse Conc
Silver	0.999894	0.272812	-0.002171	WLR Blank	Inverse Conc
Sodium	0.999983	0.008360	0.007713	WLR Blank	Inverse Conc
Strontium	0.999978	10.910375	-0.005144	WLR Blank	Inverse Conc
Sulfur	0.999568	0.043140	0.000663	WLR Blank	Inverse Conc
Thallium	0.999930	0.087402	-0.000030	WLR Blank	Inverse Conc
Tin	0.999928	0.133511	0.000196	WLR Blank	Inverse Conc
Vanadium	0.999957	0.113735	-0.000133	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.: MBHJJ8
Instrument ID: P5 Start Date : 12/14/2024
Analytical Method: ICP-AES Run Batch : LB133953

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998395	0.078976	-0.001094	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.: MBHJJ8Instrument ID: P5Start Date : 12/15/2024Analytical Method: ICP-AESRun Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999994	0.095047	-0.000557	WLR Blank	Inverse Conc
Antimony	0.997816	0.141381	0.000587	WLR Blank	Inverse Conc
Arsenic	0.999669	138.943560	-0.050262	WLR Blank	Inverse Conc
Barium	0.999986	3.596620	0.016437	WLR Blank	Inverse Conc
Beryllium	0.999947	9.416802	-0.000152	WLR Blank	Inverse Conc
Boron	0.999482	0.605905	0.004096	WLR Blank	Inverse Conc
Cadmium	0.999960	2.872245	-0.000045	WLR Blank	Inverse Conc
Calcium	0.999965	0.042674	0.004690	WLR Blank	Inverse Conc
Chromium	0.999967	0.211651	0.000038	WLR Blank	Inverse Conc
Cobalt	0.999992	0.738523	0.000014	WLR Blank	Inverse Conc
Copper	0.999984	0.118307	0.002327	WLR Blank	Inverse Conc
Iron	0.999701	0.019008	0.000016	WLR Blank	Inverse Conc
Lead	0.999921	0.186745	0.000125	WLR Blank	Inverse Conc
Lithium	0.999881	0.683586	0.002806	WLR Blank	Inverse Conc
Magnesium	0.999856	0.010684	-0.001688	WLR Blank	Inverse Conc
Manganese	0.999939	0.345463	-0.000355	WLR Blank	Inverse Conc
Molybdenum	0.998461	0.645140	0.000115	WLR Blank	Inverse Conc
Nickel	0.999962	0.475765	-0.000462	WLR Blank	Inverse Conc
Phosphorus	0.999572	0.052213	-0.002987	WLR Blank	Inverse Conc
Potassium	0.999919	0.021092	0.095027	WLR Blank	Inverse Conc
Selenium	0.998485	0.055046	-0.000118	WLR Blank	Inverse Conc
Silicon	0.993922	1.172886	0.013392	WLR Blank	Inverse Conc
Silver	0.999906	0.236213	-0.002188	WLR Blank	Inverse Conc
Sodium	0.999954	0.006586	-0.008367	WLR Blank	Inverse Conc
Strontium	0.999997	8.801467	-0.006562	WLR Blank	Inverse Conc
Sulfur	0.999235	0.034283	0.000397	WLR Blank	Inverse Conc
Thallium	0.999961	0.073211	-0.000166	WLR Blank	Inverse Conc
Tin	0.999893	0.109271	0.000126	WLR Blank	Inverse Conc
Vanadium	0.999793	0.090525	0.000246	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.: MBHJJ8
Instrument ID: P5 Start Date : 12/15/2024
Analytical Method: ICP-AES Run Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998911	0.056038	-0.000647	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.: MBHJJ8Instrument ID: P5Start Date : 12/18/2024Analytical Method: ICP-AESRun Batch : LB134014

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999979	0.119186	-0.002562	WLR Blank	Inverse Conc
Antimony	0.999083	0.133361	0.000602	WLR Blank	Inverse Conc
Arsenic	0.999695	122.545750	0.252890	WLR Blank	Inverse Conc
Barium	0.999969	3.513147	0.021485	WLR Blank	Inverse Conc
Beryllium	0.999909	9.643371	0.000787	WLR Blank	Inverse Conc
Boron	0.999408	0.505973	0.003648	WLR Blank	Inverse Conc
Cadmium	0.999987	4.117424	0.000718	WLR Blank	Inverse Conc
Calcium	0.999866	0.043360	0.004512	WLR Blank	Inverse Conc
Chromium	0.999940	0.164858	-0.000035	WLR Blank	Inverse Conc
Cobalt	0.999946	0.948499	-0.000076	WLR Blank	Inverse Conc
Copper	0.999843	0.176029	0.001515	WLR Blank	Inverse Conc
Iron	0.999732	0.021930	-0.000071	WLR Blank	Inverse Conc
Lead	0.999925	0.258740	-0.000209	WLR Blank	Inverse Conc
Lithium	0.999780	1.004159	0.009646	WLR Blank	Inverse Conc
Magnesium	0.999931	0.010529	-0.000631	WLR Blank	Inverse Conc
Manganese	0.999763	0.509038	-0.000535	WLR Blank	Inverse Conc
Molybdenum	0.999441	0.564067	0.000011	WLR Blank	Inverse Conc
Nickel	0.999982	0.689715	-0.000524	WLR Blank	Inverse Conc
Phosphorus	0.999715	0.077654	-0.002738	WLR Blank	Inverse Conc
Potassium	0.999982	0.023421	0.103060	WLR Blank	Inverse Conc
Selenium	0.999718	0.070665	-0.000344	WLR Blank	Inverse Conc
Silicon	0.994033	1.560569	0.017209	WLR Blank	Inverse Conc
Silver	0.999858	0.227693	-0.000067	WLR Blank	Inverse Conc
Sodium	0.999921	0.008212	-0.007954	WLR Blank	Inverse Conc
Strontium	0.999951	8.382719	-0.004045	WLR Blank	Inverse Conc
Sulfur	0.999541	0.051175	0.000200	WLR Blank	Inverse Conc
Thallium	0.999934	0.085228	-0.000092	WLR Blank	Inverse Conc
Tin	0.999928	0.145520	0.000156	WLR Blank	Inverse Conc
Vanadium	0.999897	0.107625	-0.000263	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.: MBHJJ8
Instrument ID: P5 Start Date : 12/18/2024
Analytical Method: ICP-AES Run Batch : LB134014

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998980	0.038905	-0.001150	WLR Blank	Inverse Conc

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Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999930	0.120257	-0.002445	WLR Blank	Inverse Conc
Antimony	0.997822	0.186161	0.000823	WLR Blank	Inverse Conc
Arsenic	0.999838	139.527250	-0.139379	WLR Blank	Inverse Conc
Barium	0.999950	4.454282	0.042860	WLR Blank	Inverse Conc
Beryllium	0.999984	9.644659	-0.000184	WLR Blank	Inverse Conc
Boron	0.999676	0.652227	0.001529	WLR Blank	Inverse Conc
Cadmium	0.999977	4.238630	0.000221	WLR Blank	Inverse Conc
Calcium	0.999994	0.054510	0.006339	WLR Blank	Inverse Conc
Chromium	0.999989	0.293572	0.000286	WLR Blank	Inverse Conc
Cobalt	0.999986	1.163432	-0.000551	WLR Blank	Inverse Conc
Copper	0.999988	0.180195	0.001749	WLR Blank	Inverse Conc
Iron	0.999919	0.020928	0.000223	WLR Blank	Inverse Conc
Lead	0.999861	0.266560	0.000159	WLR Blank	Inverse Conc
Lithium	0.999876	1.014736	0.023247	WLR Blank	Inverse Conc
Magnesium	0.999994	0.009981	-0.001370	WLR Blank	Inverse Conc
Manganese	0.999963	0.478988	0.000601	WLR Blank	Inverse Conc
Molybdenum	0.998177	0.762505	0.000218	WLR Blank	Inverse Conc
Nickel	0.999939	0.703093	-0.000784	WLR Blank	Inverse Conc
Phosphorus	0.999531	0.079556	-0.002541	WLR Blank	Inverse Conc
Potassium	0.999791	0.023917	0.100005	WLR Blank	Inverse Conc
Selenium	0.998947	0.097523	-0.000207	WLR Blank	Inverse Conc
Silicon	0.995022	1.630014	0.021460	WLR Blank	Inverse Conc
Silver	0.999824	0.312554	0.000540	WLR Blank	Inverse Conc
Sodium	0.999852	0.006596	0.002880	WLR Blank	Inverse Conc
Strontium	0.999975	10.626997	-0.002467	WLR Blank	Inverse Conc
Sulfur	0.999332	0.051945	0.000602	WLR Blank	Inverse Conc
Thallium	0.999987	0.084660	-0.000220	WLR Blank	Inverse Conc
Tin	0.999844	0.178477	0.002522	WLR Blank	Inverse Conc
Vanadium	0.999978	0.102217	0.000332	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 12/20/2024
Analytical Method: ICP-AES Run Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.996801	0.055813	-0.001141	WLR Blank	Inverse Conc

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