

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHKZ3Instrument 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.: MBHKZ3
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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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHKZ3Instrument ID: P5Start Date : 12/20/2024Analytical Method: ICP-AESRun Batch : LB134057

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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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHKZ3Instrument ID: P5Start Date : 01/03/2025Analytical Method: ICP-AESRun Batch : LB134161

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999769	0.103654	-0.001819	WLR Blank	Inverse Conc
Antimony	0.998614	0.169726	-0.000032	WLR Blank	Inverse Conc
Arsenic	0.999767	131.619340	0.189867	WLR Blank	Inverse Conc
Barium	0.999935	3.393608	0.167881	WLR Blank	Inverse Conc
Beryllium	0.999935	13.524085	0.004962	WLR Blank	Inverse Conc
Boron	0.999460	1.127550	0.008656	WLR Blank	Inverse Conc
Cadmium	0.999929	4.450103	0.000501	WLR Blank	Inverse Conc
Calcium	0.999994	0.054802	0.011547	WLR Blank	Inverse Conc
Chromium	0.999995	0.351633	-0.000110	WLR Blank	Inverse Conc
Cobalt	0.999965	1.167159	-0.000821	WLR Blank	Inverse Conc
Copper	0.999962	0.151250	0.003132	WLR Blank	Inverse Conc
Iron	0.999987	0.024081	-0.000208	WLR Blank	Inverse Conc
Lead	0.999791	0.286633	-0.000676	WLR Blank	Inverse Conc
Lithium	0.999899	1.422611	-0.001239	WLR Blank	Inverse Conc
Magnesium	0.999988	0.011958	-0.000058	WLR Blank	Inverse Conc
Manganese	0.999996	0.449550	0.000088	WLR Blank	Inverse Conc
Molybdenum	0.998629	0.626497	0.001115	WLR Blank	Inverse Conc
Nickel	0.999911	0.694264	-0.001274	WLR Blank	Inverse Conc
Phosphorus	0.999611	0.093497	-0.004519	WLR Blank	Inverse Conc
Potassium	0.999631	0.032523	0.066515	WLR Blank	Inverse Conc
Selenium	0.999349	0.070441	-0.000127	WLR Blank	Inverse Conc
Silicon	0.994217	2.283946	0.022974	WLR Blank	Inverse Conc
Silver	0.999853	0.333831	0.000171	WLR Blank	Inverse Conc
Sodium	0.998008	0.682872	0.102999	WLR Blank	Inverse Conc
Strontium	0.999900	9.493908	-0.001853	WLR Blank	Inverse Conc
Sulfur	0.999184	0.055803	0.001153	WLR Blank	Inverse Conc
Thallium	0.999976	0.095659	-0.000448	WLR Blank	Inverse Conc
Tin	0.999751	0.141695	0.002549	WLR Blank	Inverse Conc
Vanadium	0.999892	0.108400	-0.000235	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 01/03/2025
Analytical Method: ICP-AES Run Batch : LB134161

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999297	2.741170	0.002813	WLR Blank	Inverse Conc

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