

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHME4Instrument 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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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHME4
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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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHME4Instrument ID: P5Start Date : 01/05/2025Analytical Method: ICP-AESRun Batch : LB134162

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999878	0.112671	-0.002640	WLR Blank	Inverse Conc
Antimony	0.998884	0.169143	-0.000032	WLR Blank	Inverse Conc
Arsenic	0.999638	126.665280	0.718565	WLR Blank	Inverse Conc
Barium	0.999934	3.406758	0.191444	WLR Blank	Inverse Conc
Beryllium	0.999878	14.245073	0.003613	WLR Blank	Inverse Conc
Boron	0.999544	1.208104	0.001076	WLR Blank	Inverse Conc
Cadmium	0.999985	4.557697	0.000530	WLR Blank	Inverse Conc
Calcium	0.999972	0.056353	0.008315	WLR Blank	Inverse Conc
Chromium	0.999944	0.364257	-0.000055	WLR Blank	Inverse Conc
Cobalt	0.999984	1.188113	-0.001435	WLR Blank	Inverse Conc
Copper	0.999981	0.157760	0.003711	WLR Blank	Inverse Conc
Iron	0.999935	0.025603	0.000019	WLR Blank	Inverse Conc
Lead	0.999926	0.294089	-0.001433	WLR Blank	Inverse Conc
Lithium	0.999932	1.333630	-0.015773	WLR Blank	Inverse Conc
Magnesium	0.999969	0.012811	-0.000913	WLR Blank	Inverse Conc
Manganese	0.999955	0.482121	0.003397	WLR Blank	Inverse Conc
Molybdenum	0.998996	0.644935	0.001600	WLR Blank	Inverse Conc
Nickel	0.999960	0.706192	-0.001851	WLR Blank	Inverse Conc
Phosphorus	0.999618	0.090781	-0.004561	WLR Blank	Inverse Conc
Potassium	0.999753	0.031889	0.063339	WLR Blank	Inverse Conc
Selenium	0.999564	0.067274	-0.000282	WLR Blank	Inverse Conc
Silicon	0.993623	2.474255	0.017318	WLR Blank	Inverse Conc
Silver	0.999931	0.338881	0.000452	WLR Blank	Inverse Conc
Sodium	0.998957	0.760094	0.067715	WLR Blank	Inverse Conc
Strontium	0.999964	10.135948	-0.004070	WLR Blank	Inverse Conc
Sulfur	0.999445	0.053877	0.000395	WLR Blank	Inverse Conc
Thallium	0.999963	0.095219	-0.000240	WLR Blank	Inverse Conc
Tin	0.998813	0.143226	0.000332	WLR Blank	Inverse Conc
Vanadium	0.999919	0.117105	-0.000405	WLR Blank	Inverse Conc

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Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHME4
Instrument ID: P5 Start Date : 01/05/2025
Analytical Method: ICP-AES Run Batch : LB134162

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999534	2.871072	0.000830	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.: MBHME4Instrument ID: P5Start Date : 01/06/2025Analytical Method: ICP-AESRun Batch : LB134174

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999955	0.114085	-0.004796	WLR Blank	Inverse Conc
Antimony	0.998303	0.189309	-0.000234	WLR Blank	Inverse Conc
Arsenic	0.999548	222.331710	1.851126	WLR Blank	Inverse Conc
Barium	0.999977	3.837131	0.218192	WLR Blank	Inverse Conc
Beryllium	0.999855	18.145216	0.012886	WLR Blank	Inverse Conc
Boron	0.999527	1.488924	0.014203	WLR Blank	Inverse Conc
Cadmium	0.999976	5.475137	0.000814	WLR Blank	Inverse Conc
Calcium	0.999925	0.061842	0.014721	WLR Blank	Inverse Conc
Chromium	0.999855	0.441967	0.000065	WLR Blank	Inverse Conc
Cobalt	0.999976	1.361686	-0.001530	WLR Blank	Inverse Conc
Copper	0.999973	0.166534	0.004595	WLR Blank	Inverse Conc
Iron	0.999828	0.026589	0.001425	WLR Blank	Inverse Conc
Lead	0.999930	0.350209	-0.000953	WLR Blank	Inverse Conc
Lithium	0.999816	1.416473	0.033874	WLR Blank	Inverse Conc
Magnesium	0.999868	0.013204	-0.000724	WLR Blank	Inverse Conc
Manganese	0.999929	0.504537	0.003500	WLR Blank	Inverse Conc
Molybdenum	0.998432	0.708702	0.001592	WLR Blank	Inverse Conc
Nickel	0.999972	0.818781	-0.002232	WLR Blank	Inverse Conc
Phosphorus	0.999689	0.097542	-0.005831	WLR Blank	Inverse Conc
Potassium	0.999854	0.036904	0.099250	WLR Blank	Inverse Conc
Selenium	0.998828	0.080970	-0.000096	WLR Blank	Inverse Conc
Silicon	0.994258	3.082930	0.025837	WLR Blank	Inverse Conc
Silver	0.999965	0.400369	0.000672	WLR Blank	Inverse Conc
Sodium	0.999921	0.863736	0.268402	WLR Blank	Inverse Conc
Strontium	0.999967	10.695526	-0.004495	WLR Blank	Inverse Conc
Sulfur	0.999493	0.065868	0.000595	WLR Blank	Inverse Conc
Thallium	0.999945	0.112024	-0.000618	WLR Blank	Inverse Conc
Tin	0.999912	0.169745	0.000644	WLR Blank	Inverse Conc
Vanadium	0.999936	0.165494	-0.000693	WLR Blank	Inverse Conc

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Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHME4
Instrument ID: P5 Start Date : 01/06/2025
Analytical Method: ICP-AES Run Batch : LB134174

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999015	3.059473	0.019204	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 01/06/2025
Analytical Method: ICP-AES Run Batch : LB134174

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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