

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHLR4Instrument ID: P5Start Date : 12/23/2024Analytical Method: ICP-AESRun Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999943	0.119963	-0.005186	WLR Blank	Inverse Conc
Antimony	0.998944	0.131601	0.000155	WLR Blank	Inverse Conc
Arsenic	0.999711	121.845960	0.707428	WLR Blank	Inverse Conc
Barium	0.999957	4.291399	0.059957	WLR Blank	Inverse Conc
Beryllium	0.999925	9.807787	0.001631	WLR Blank	Inverse Conc
Boron	0.999482	0.695827	0.006362	WLR Blank	Inverse Conc
Cadmium	0.999897	4.219567	0.000638	WLR Blank	Inverse Conc
Calcium	0.999993	0.057013	0.008027	WLR Blank	Inverse Conc
Chromium	0.999881	0.233353	0.000231	WLR Blank	Inverse Conc
Cobalt	0.999875	1.129159	-0.000360	WLR Blank	Inverse Conc
Copper	0.999982	0.191957	0.001468	WLR Blank	Inverse Conc
Iron	0.999837	0.020604	-0.000159	WLR Blank	Inverse Conc
Lead	0.999747	0.350619	0.000135	WLR Blank	Inverse Conc
Lithium	0.999943	1.042196	0.027254	WLR Blank	Inverse Conc
Magnesium	0.999981	0.009812	-0.001515	WLR Blank	Inverse Conc
Manganese	0.999966	0.462809	0.000226	WLR Blank	Inverse Conc
Molybdenum	0.999031	0.514327	0.000060	WLR Blank	Inverse Conc
Nickel	0.999874	0.942511	-0.001258	WLR Blank	Inverse Conc
Phosphorus	0.999540	0.108914	-0.003606	WLR Blank	Inverse Conc
Potassium	0.999813	0.024844	0.077346	WLR Blank	Inverse Conc
Selenium	0.999668	0.076112	-0.000252	WLR Blank	Inverse Conc
Silicon	0.988066	1.772742	0.164857	WLR Blank	Inverse Conc
Silver	0.999779	0.253538	0.000720	WLR Blank	Inverse Conc
Sodium	0.999918	0.006408	0.014106	WLR Blank	Inverse Conc
Strontium	0.999987	8.705836	-0.003722	WLR Blank	Inverse Conc
Sulfur	0.999414	0.051305	0.000493	WLR Blank	Inverse Conc
Thallium	0.999927	0.081117	-0.000342	WLR Blank	Inverse Conc
Tin	0.999769	0.144693	0.000003	WLR Blank	Inverse Conc
Vanadium	0.999791	0.100527	-0.000210	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.: MBHLR4
Instrument ID: P5 Start Date : 12/23/2024
Analytical Method: ICP-AES Run Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998287	0.034810	-0.001112	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.: MBHLR4Instrument ID: P5Start Date : 12/29/2024Analytical Method: ICP-AESRun Batch : LB134116

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999948	0.120415	-0.001994	WLR Blank	Inverse Conc
Antimony	0.999794	0.102398	0.000004	WLR Blank	Inverse Conc
Arsenic	0.999465	118.415560	0.448360	WLR Blank	Inverse Conc
Barium	0.999954	4.535959	0.058496	WLR Blank	Inverse Conc
Beryllium	0.999866	10.273377	0.002231	WLR Blank	Inverse Conc
Boron	0.999470	0.967752	0.005014	WLR Blank	Inverse Conc
Cadmium	0.999991	4.214745	0.000592	WLR Blank	Inverse Conc
Calcium	0.999801	0.056286	0.008380	WLR Blank	Inverse Conc
Chromium	0.999870	0.186593	0.000005	WLR Blank	Inverse Conc
Cobalt	0.999942	0.957363	-0.000720	WLR Blank	Inverse Conc
Copper	0.999965	0.190033	0.002973	WLR Blank	Inverse Conc
Iron	0.999525	0.019881	0.000101	WLR Blank	Inverse Conc
Lead	0.999983	0.346133	0.000899	WLR Blank	Inverse Conc
Lithium	0.999947	1.144100	0.037148	WLR Blank	Inverse Conc
Magnesium	0.999770	0.009535	-0.000488	WLR Blank	Inverse Conc
Manganese	0.999907	0.457311	0.001233	WLR Blank	Inverse Conc
Molybdenum	0.999907	0.506802	0.000168	WLR Blank	Inverse Conc
Nickel	0.999999	0.919575	-0.000531	WLR Blank	Inverse Conc
Phosphorus	0.999822	0.100987	-0.002756	WLR Blank	Inverse Conc
Potassium	0.999856	0.026489	0.087242	WLR Blank	Inverse Conc
Selenium	0.999960	0.068066	0.000083	WLR Blank	Inverse Conc
Silicon	0.994149	1.447384	0.014545	WLR Blank	Inverse Conc
Silver	0.999964	0.251214	0.000486	WLR Blank	Inverse Conc
Sodium	0.998474	0.380679	-0.023855	WLR Blank	Inverse Conc
Strontium	0.999964	6.894000	-0.002286	WLR Blank	Inverse Conc
Sulfur	0.999741	0.038087	-0.000074	WLR Blank	Inverse Conc
Thallium	0.999878	0.078861	-0.000390	WLR Blank	Inverse Conc
Tin	0.999979	0.140174	0.000291	WLR Blank	Inverse Conc
Vanadium	0.999967	0.098915	0.000489	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.: MBHLR4
Instrument ID: P5 Start Date : 12/29/2024
Analytical Method: ICP-AES Run Batch : LB134116

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999969	2.582716	0.008135	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.: MBHLR4Instrument 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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHLR4
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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Instrument ID: P5 Start Date : 01/03/2025
Analytical Method: ICP-AES Run Batch : LB134161

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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