

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHN18Instrument 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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHN18
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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACECase No.: 51879

MA No.: _____

SDG No.: MBHN18Instrument ID: P4Start Date : 01/12/2025Analytical Method: ICP-AESRun Batch : LB134242

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999630	0.013481	0.000102	Lin. Reg	NONE
Antimony	0.997818	0.175170	0.000425	Lin. Reg	NONE
Arsenic	0.997932	0.092726	-0.000036	Lin. Reg	NONE
Barium	0.999858	0.457506	0.013631	Lin. Reg	NONE
Beryllium	0.999734	5.831456	0.000087	Lin. Reg	NONE
Cadmium	0.999846	3.680984	0.000026	Lin. Reg	NONE
Calcium	0.999773	0.009832	0.000016	Lin. Reg	NONE
Chromium	0.999698	0.200102	0.000041	Lin. Reg	NONE
Cobalt	0.999933	1.052193	-0.000050	Lin. Reg	NONE
Copper	0.999924	0.241369	0.000772	Lin. Reg	NONE
Iron	0.999995	0.006004	0.000001	Lin. Reg	NONE
Lead	0.999954	0.288689	-0.000148	Lin. Reg	NONE
Magnesium	0.999702	0.003437	-0.000067	Lin. Reg	NONE
Manganese	0.999985	0.085459	0.000012	Lin. Reg	NONE
Nickel	0.999875	0.747494	-0.000039	Lin. Reg	NONE
Phosphorus	0.999810	0.066421	-0.001713	Lin. Reg	NONE
Potassium	0.999054	0.004293	0.007528	Lin. Reg	NONE
Selenium	0.998404	0.097877	0.000407	Lin. Reg	NONE
Silver	0.999756	0.328618	-0.000377	Lin. Reg	NONE
Sodium	0.999782	0.006409	-0.002939	Lin. Reg	NONE
Thallium	0.999576	0.120880	0.000180	Lin. Reg	NONE
Tin	0.999924	0.203386	0.000428	Lin. Reg	NONE
Titanium	0.999795	0.542944	0.003021	Lin. Reg	NONE
Vanadium	0.999828	0.189522	0.000567	Lin. Reg	NONE
Zinc	0.996413	2.380133	0.002431	Lin. Reg	NONE

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHN18Instrument ID: P4Start Date : 01/13/2025Analytical Method: ICP-AESRun Batch : LB134245

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999320	0.007947	-0.000142	Lin. Reg	NONE
Antimony	0.999335	0.114244	0.000503	Lin. Reg	NONE
Arsenic	0.999341	0.061980	0.000052	Lin. Reg	NONE
Barium	0.999771	0.260121	0.012287	Lin. Reg	NONE
Beryllium	0.999288	5.514861	0.000304	Lin. Reg	NONE
Cadmium	0.999873	2.913845	0.000183	Lin. Reg	NONE
Calcium	0.999363	0.006159	-0.000079	Lin. Reg	NONE
Chromium	0.999690	0.157670	-0.000078	Lin. Reg	NONE
Cobalt	0.999930	0.781494	-0.000108	Lin. Reg	NONE
Copper	0.999652	0.175662	0.000575	Lin. Reg	NONE
Iron	0.999818	0.003712	0.000041	Lin. Reg	NONE
Lead	0.999982	0.220205	-0.000049	Lin. Reg	NONE
Magnesium	0.999844	0.002207	-0.000071	Lin. Reg	NONE
Manganese	0.999955	0.055022	0.000006	Lin. Reg	NONE
Nickel	0.999887	0.558643	-0.000535	Lin. Reg	NONE
Phosphorus	0.999904	0.051874	-0.002025	Lin. Reg	NONE
Potassium	0.999377	0.002399	0.005786	Lin. Reg	NONE
Selenium	0.999744	0.063848	0.000850	Lin. Reg	NONE
Silver	0.999890	0.237050	-0.000227	Lin. Reg	NONE
Sodium	0.999907	0.004827	0.000922	Lin. Reg	NONE
Thallium	0.998791	0.091305	0.000446	Lin. Reg	NONE
Tin	0.999950	0.153582	0.000470	Lin. Reg	NONE
Titanium	0.999611	0.404782	0.003472	Lin. Reg	NONE
Vanadium	0.999632	0.143155	0.000497	Lin. Reg	NONE
Zinc	0.999081	1.822127	0.000866	Lin. Reg	NONE

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHN18
Instrument ID: P4 Start Date : 01/13/2025
Analytical Method: ICP-AES Run Batch : LB134245

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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