

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51811MA No.: _____ SDG No.: MH2D26Instrument 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

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51811MA No.: _____ SDG No.: MH2D26Instrument ID: P4Start Date : 01/15/2025Analytical Method: ICP-AESRun Batch : LB134297

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.998370	0.019183	0.000016	Lin. Reg	NONE
Antimony	0.998156	0.218135	0.000215	Lin. Reg	NONE
Arsenic	0.998347	0.083968	-0.000110	Lin. Reg	NONE
Barium	0.999823	0.635100	0.001234	Lin. Reg	NONE
Beryllium	0.999954	3.977115	-0.000239	Lin. Reg	NONE
Cadmium	0.999775	2.476591	-0.000122	Lin. Reg	NONE
Calcium	0.999425	0.012116	0.000174	Lin. Reg	NONE
Chromium	0.999582	0.198392	-0.000002	Lin. Reg	NONE
Cobalt	0.999956	0.855880	-0.000175	Lin. Reg	NONE
Copper	0.999907	0.149498	0.004180	Lin. Reg	NONE
Iron	0.999884	0.009891	0.000016	Lin. Reg	NONE
Lead	0.999925	0.224850	-0.000223	Lin. Reg	NONE
Magnesium	0.999251	0.004172	-0.000052	Lin. Reg	NONE
Manganese	0.999857	0.133234	-0.000002	Lin. Reg	NONE
Nickel	0.999889	0.604673	-0.000439	Lin. Reg	NONE
Phosphorus	0.999904	0.045109	-0.001326	Lin. Reg	NONE
Potassium	0.998740	0.005546	0.009437	Lin. Reg	NONE
Selenium	0.998749	0.094867	0.000285	Lin. Reg	NONE
Silver	0.999528	0.367694	-0.000227	Lin. Reg	NONE
Sodium	0.998990	0.002666	-0.001726	Lin. Reg	NONE
Thallium	0.999709	0.069244	0.000282	Lin. Reg	NONE
Tin	0.999880	0.151001	0.000393	Lin. Reg	NONE
Titanium	0.999967	0.452888	0.002433	Lin. Reg	NONE
Vanadium	0.999938	0.153967	-0.000086	Lin. Reg	NONE
Zinc	0.999761	0.321179	0.000115	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
Instrument ID: P4 Start Date : 01/15/2025
Analytical Method: ICP-AES Run Batch : LB134297

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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