

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
 Instrument ID: P4 Start Date : 12/08/2025
 Analytical Method: ICP-AES Run Batch : LB138160

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.995501	0.013717	-0.000111	Lin. Reg	NONE
Antimony	0.999539	0.101085	0.000903	Lin. Reg	NONE
Arsenic	0.999569	0.064094	-0.000280	Lin. Reg	NONE
Barium	0.999673	0.256771	0.002482	Lin. Reg	NONE
Beryllium	0.999662	5.526770	-0.002990	Lin. Reg	NONE
Cadmium	0.999948	2.067768	-0.000634	Lin. Reg	NONE
Calcium	0.997249	0.007664	0.000170	Lin. Reg	NONE
Chromium	0.999696	0.135036	0.000131	Lin. Reg	NONE
Cobalt	0.999986	0.929949	-0.000389	Lin. Reg	NONE
Copper	0.999967	0.109722	0.002818	Lin. Reg	NONE
Iron	0.997714	0.003637	0.000018	Lin. Reg	NONE
Lead	0.999973	0.171293	0.000075	Lin. Reg	NONE
Magnesium	0.995546	0.001597	0.000002	Lin. Reg	NONE
Manganese	0.999953	0.050170	-0.000004	Lin. Reg	NONE
Nickel	0.999985	0.525269	-0.001059	Lin. Reg	NONE
Phosphorus	0.999589	0.039135	-0.000884	Lin. Reg	NONE
Potassium	0.999115	0.002302	0.005352	Lin. Reg	NONE
Selenium	0.999741	0.078185	0.000319	Lin. Reg	NONE
Silver	0.999819	0.227650	-0.000649	Lin. Reg	NONE
Sodium	0.997847	0.002729	-0.005729	Lin. Reg	NONE
Thallium	0.999165	0.038741	0.000342	Lin. Reg	NONE
Tin	0.999116	0.120441	0.003106	Lin. Reg	NONE
Titanium	0.999961	0.288418	0.001670	Lin. Reg	NONE
Vanadium	0.999975	0.126563	0.000031	Lin. Reg	NONE
Zinc	0.999721	0.202225	0.001023	Lin. Reg	NONE

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date : 12/05/2025
Analytical Method: CVAA Run Batch : LB138122

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Mercury	0.999000	0.000231	-0.025900	Lin. Reg	NONE