

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK34Instrument ID: P5Start Date : 12/15/2024Analytical Method: ICP-AESRun Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999994	0.095047	-0.000557	WLR Blank	Inverse Conc
Antimony	0.997816	0.141381	0.000587	WLR Blank	Inverse Conc
Arsenic	0.999669	138.943560	-0.050262	WLR Blank	Inverse Conc
Barium	0.999986	3.596620	0.016437	WLR Blank	Inverse Conc
Beryllium	0.999947	9.416802	-0.000152	WLR Blank	Inverse Conc
Boron	0.999482	0.605905	0.004096	WLR Blank	Inverse Conc
Cadmium	0.999960	2.872245	-0.000045	WLR Blank	Inverse Conc
Calcium	0.999965	0.042674	0.004690	WLR Blank	Inverse Conc
Chromium	0.999967	0.211651	0.000038	WLR Blank	Inverse Conc
Cobalt	0.999992	0.738523	0.000014	WLR Blank	Inverse Conc
Copper	0.999984	0.118307	0.002327	WLR Blank	Inverse Conc
Iron	0.999701	0.019008	0.000016	WLR Blank	Inverse Conc
Lead	0.999921	0.186745	0.000125	WLR Blank	Inverse Conc
Lithium	0.999881	0.683586	0.002806	WLR Blank	Inverse Conc
Magnesium	0.999856	0.010684	-0.001688	WLR Blank	Inverse Conc
Manganese	0.999939	0.345463	-0.000355	WLR Blank	Inverse Conc
Molybdenum	0.998461	0.645140	0.000115	WLR Blank	Inverse Conc
Nickel	0.999962	0.475765	-0.000462	WLR Blank	Inverse Conc
Phosphorus	0.999572	0.052213	-0.002987	WLR Blank	Inverse Conc
Potassium	0.999919	0.021092	0.095027	WLR Blank	Inverse Conc
Selenium	0.998485	0.055046	-0.000118	WLR Blank	Inverse Conc
Silicon	0.993922	1.172886	0.013392	WLR Blank	Inverse Conc
Silver	0.999906	0.236213	-0.002188	WLR Blank	Inverse Conc
Sodium	0.999954	0.006586	-0.008367	WLR Blank	Inverse Conc
Strontium	0.999997	8.801467	-0.006562	WLR Blank	Inverse Conc
Sulfur	0.999235	0.034283	0.000397	WLR Blank	Inverse Conc
Thallium	0.999961	0.073211	-0.000166	WLR Blank	Inverse Conc
Tin	0.999893	0.109271	0.000126	WLR Blank	Inverse Conc
Vanadium	0.999793	0.090525	0.000246	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.: MBHK34
Instrument ID: P5 Start Date : 12/15/2024
Analytical Method: ICP-AES Run Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998911	0.056038	-0.000647	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.: MBHK34Instrument 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.: MBHK34
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, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHK34
Instrument ID: P5 Start Date : 12/23/2024
Analytical Method: ICP-AES Run Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
---------	--------------	-------	-----------	-------------	-----------