

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHE1Instrument ID: P5Start Date : 11/20/2024Analytical Method: ICP-AESRun Batch : LB133543

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999938	0.087944	-0.004406	WLR Blank	Inverse Conc
Antimony	0.997460	0.194515	0.000244	WLR Blank	Inverse Conc
Arsenic	0.999387	0.029333	-0.000050	WLR Blank	Inverse Conc
Barium	0.999906	3.846883	0.010315	WLR Blank	Inverse Conc
Beryllium	0.999915	4.181050	-0.000843	WLR Blank	Inverse Conc
Boron	0.999469	0.314471	0.003635	WLR Blank	Inverse Conc
Cadmium	0.999926	2.009015	0.000160	WLR Blank	Inverse Conc
Calcium	0.999714	0.081425	0.006961	WLR Blank	Inverse Conc
Chromium	0.999818	0.134081	-0.000254	WLR Blank	Inverse Conc
Cobalt	0.999970	0.632889	-0.000392	WLR Blank	Inverse Conc
Copper	0.999984	0.242894	0.002020	WLR Blank	Inverse Conc
Iron	0.999731	0.021743	0.000171	WLR Blank	Inverse Conc
Lead	0.999973	0.143241	-0.000725	WLR Blank	Inverse Conc
Lithium	0.999875	1.470014	0.022757	WLR Blank	Inverse Conc
Magnesium	0.999938	0.008633	-0.000131	WLR Blank	Inverse Conc
Manganese	0.999840	0.625079	0.000094	WLR Blank	Inverse Conc
Molybdenum	0.998897	0.913403	-0.000335	WLR Blank	Inverse Conc
Nickel	0.999925	0.594150	-0.000249	WLR Blank	Inverse Conc
Phosphorus	0.999443	0.052894	-0.001072	WLR Blank	Inverse Conc
Potassium	0.999810	0.018228	0.091882	WLR Blank	Inverse Conc
Selenium	0.998165	0.064769	-0.000129	WLR Blank	Inverse Conc
Silicon	0.994887	0.629075	0.004193	WLR Blank	Inverse Conc
Silver	0.999667	0.401073	0.027623	WLR Blank	Inverse Conc
Sodium	0.999967	0.005892	-0.002637	WLR Blank	Inverse Conc
Strontium	0.999920	9.399785	0.002983	WLR Blank	Inverse Conc
Sulfur	0.999164	0.027756	0.000466	WLR Blank	Inverse Conc
Thallium	0.999836	0.070878	-0.000365	WLR Blank	Inverse Conc
Tin	0.999952	0.100711	0.000230	WLR Blank	Inverse Conc
Vanadium	0.999952	0.099789	-0.000996	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.: MBHHE1
Instrument ID: P5 Start Date : 11/20/2024
Analytical Method: ICP-AES Run Batch : LB133543

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.997399	2.550187	0.008483	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.: MBHHE1Instrument ID: P5Start Date : 11/21/2024Analytical Method: ICP-AESRun Batch : LB133566

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999883	0.088205	-0.003509	WLR Blank	Inverse Conc
Antimony	0.996718	0.194176	0.000142	WLR Blank	Inverse Conc
Arsenic	0.998766	0.028306	0.000041	WLR Blank	Inverse Conc
Barium	0.999920	3.913545	0.002592	WLR Blank	Inverse Conc
Beryllium	0.999943	4.004927	-0.000888	WLR Blank	Inverse Conc
Boron	0.999534	0.254585	0.001640	WLR Blank	Inverse Conc
Cadmium	0.999900	1.932416	0.000065	WLR Blank	Inverse Conc
Calcium	0.999757	0.080400	0.007299	WLR Blank	Inverse Conc
Chromium	0.999894	0.130017	-0.000140	WLR Blank	Inverse Conc
Cobalt	0.999841	0.616587	-0.000077	WLR Blank	Inverse Conc
Copper	0.999943	0.242830	0.002465	WLR Blank	Inverse Conc
Iron	0.999804	0.021043	-0.000031	WLR Blank	Inverse Conc
Lead	0.999876	0.139426	-0.001490	WLR Blank	Inverse Conc
Lithium	0.999650	1.502069	0.011981	WLR Blank	Inverse Conc
Magnesium	0.999870	0.010527	-0.000280	WLR Blank	Inverse Conc
Manganese	0.999926	0.617638	0.000174	WLR Blank	Inverse Conc
Molybdenum	0.998466	0.923553	-0.000529	WLR Blank	Inverse Conc
Nickel	0.999897	0.583017	0.000148	WLR Blank	Inverse Conc
Phosphorus	0.998853	0.053582	-0.000997	WLR Blank	Inverse Conc
Potassium	0.999727	0.019767	0.069032	WLR Blank	Inverse Conc
Selenium	0.997074	0.065294	-0.000039	WLR Blank	Inverse Conc
Silicon	0.994872	0.622872	0.004753	WLR Blank	Inverse Conc
Silver	0.999479	0.397117	0.025461	WLR Blank	Inverse Conc
Sodium	0.999920	0.005993	0.001739	WLR Blank	Inverse Conc
Strontium	0.999947	9.469166	0.002085	WLR Blank	Inverse Conc
Sulfur	0.998453	0.027830	0.000560	WLR Blank	Inverse Conc
Thallium	0.999909	0.071597	-0.000382	WLR Blank	Inverse Conc
Tin	0.999784	0.098718	0.000333	WLR Blank	Inverse Conc
Vanadium	0.999932	0.098211	-0.000767	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.: MBHHE1
Instrument ID: P5 Start Date : 11/21/2024
Analytical Method: ICP-AES Run Batch : LB133566

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998274	2.337916	0.006548	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.: MBHHE1Instrument ID: P5Start Date : 12/02/2024Analytical Method: ICP-AESRun Batch : LB133698

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999908	0.079563	-0.002282	WLR Blank	Inverse Conc
Antimony	0.997678	0.156333	-0.000028	WLR Blank	Inverse Conc
Arsenic	0.998969	0.027796	-0.000161	WLR Blank	Inverse Conc
Barium	0.999940	3.543739	-0.002067	WLR Blank	Inverse Conc
Beryllium	0.999861	3.389273	-0.000953	WLR Blank	Inverse Conc
Boron	0.999064	0.212099	0.002406	WLR Blank	Inverse Conc
Cadmium	0.999986	1.807009	0.000353	WLR Blank	Inverse Conc
Calcium	0.999897	0.069559	0.004286	WLR Blank	Inverse Conc
Chromium	0.999752	0.116066	-0.000202	WLR Blank	Inverse Conc
Cobalt	0.999963	0.543535	-0.000318	WLR Blank	Inverse Conc
Copper	0.999974	0.202778	0.001848	WLR Blank	Inverse Conc
Iron	0.999948	0.018929	0.000261	WLR Blank	Inverse Conc
Lead	0.999970	0.132662	-0.000205	WLR Blank	Inverse Conc
Lithium	0.999645	1.357791	0.067757	WLR Blank	Inverse Conc
Magnesium	0.999839	0.007394	-0.000095	WLR Blank	Inverse Conc
Manganese	0.999905	0.498854	-0.000165	WLR Blank	Inverse Conc
Molybdenum	0.999065	0.715331	-0.000179	WLR Blank	Inverse Conc
Nickel	0.999952	0.534681	0.000049	WLR Blank	Inverse Conc
Phosphorus	0.999290	0.043186	-0.001290	WLR Blank	Inverse Conc
Potassium	0.999688	0.018597	0.077967	WLR Blank	Inverse Conc
Selenium	0.998329	0.055397	-0.000014	WLR Blank	Inverse Conc
Silicon	0.998483	0.786594	0.004970	WLR Blank	Inverse Conc
Silver	0.999754	0.328605	0.020745	WLR Blank	Inverse Conc
Sodium	0.999929	0.005421	-0.003534	WLR Blank	Inverse Conc
Strontium	0.999910	8.380198	0.000828	WLR Blank	Inverse Conc
Sulfur	0.998963	0.025168	0.000222	WLR Blank	Inverse Conc
Thallium	0.999854	0.055843	-0.000374	WLR Blank	Inverse Conc
Tin	0.999936	0.090218	0.000198	WLR Blank	Inverse Conc
Vanadium	0.999839	0.085442	-0.000726	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.: MBHHE1
Instrument ID: P5 Start Date : 12/02/2024
Analytical Method: ICP-AES Run Batch : LB133698

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998429	2.086653	0.002237	WLR Blank	Inverse Conc

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHE1Instrument 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.: MBHHE1
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, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHE1
Instrument ID: P5 Start Date : 12/15/2024
Analytical Method: ICP-AES Run Batch : LB133959

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