

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHMZ9Instrument ID: P5Start Date : 01/09/2025Analytical Method: ICP-AESRun Batch : LB134223

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999894	0.094849	0.000101	WLR Blank	Inverse Conc
Antimony	0.999213	0.103436	-0.000078	WLR Blank	Inverse Conc
Arsenic	0.999868	169.100530	1.601487	WLR Blank	Inverse Conc
Barium	0.999977	4.123733	0.187426	WLR Blank	Inverse Conc
Beryllium	0.999928	20.798972	0.022686	WLR Blank	Inverse Conc
Boron	0.999583	1.322003	0.005845	WLR Blank	Inverse Conc
Cadmium	0.999711	3.663316	0.000213	WLR Blank	Inverse Conc
Calcium	0.999896	0.082168	0.014095	WLR Blank	Inverse Conc
Chromium	0.999983	0.286064	0.000004	WLR Blank	Inverse Conc
Cobalt	0.999924	0.865670	-0.001141	WLR Blank	Inverse Conc
Copper	0.999592	9.125342	0.093578	WLR Blank	Inverse Conc
Iron	0.999878	0.023830	0.000686	WLR Blank	Inverse Conc
Lead	0.999656	0.295839	-0.001184	WLR Blank	Inverse Conc
Lithium	0.999585	1.546938	0.117355	WLR Blank	Inverse Conc
Magnesium	0.999570	0.008755	-0.002794	WLR Blank	Inverse Conc
Manganese	0.999961	0.327219	-0.001680	WLR Blank	Inverse Conc
Molybdenum	0.999535	0.442021	0.000761	WLR Blank	Inverse Conc
Nickel	0.999738	0.697881	-0.001474	WLR Blank	Inverse Conc
Phosphorus	0.999121	0.065196	-0.003792	WLR Blank	Inverse Conc
Potassium	0.999935	0.040069	0.107172	WLR Blank	Inverse Conc
Selenium	0.999013	0.055507	0.000497	WLR Blank	Inverse Conc
Silicon	0.954167	1.697910	0.027521	WLR Blank	Inverse Conc
Silver	0.999931	0.461754	0.000921	WLR Blank	Inverse Conc
Sodium	0.998150	1.150446	0.062961	WLR Blank	Inverse Conc
Strontium	0.999987	9.620771	-0.008466	WLR Blank	Inverse Conc
Sulfur	0.998435	0.037023	0.000273	WLR Blank	Inverse Conc
Thallium	0.999981	0.099736	-0.000480	WLR Blank	Inverse Conc
Tin	0.999621	0.188613	0.000092	WLR Blank	Inverse Conc
Vanadium	0.999884	9.133842	-0.032569	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.: MBHMZ9
Instrument ID: P5 Start Date : 01/09/2025
Analytical Method: ICP-AES Run Batch : LB134223

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999385	1.812826	0.002260	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.: MBHMZ9Instrument ID: P5Start Date : 01/10/2025Analytical Method: ICP-AESRun Batch : LB134241

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999439	0.094327	0.001122	WLR Blank	Inverse Conc
Antimony	0.999156	0.103014	-0.000219	WLR Blank	Inverse Conc
Arsenic	0.999609	277.154330	2.196899	WLR Blank	Inverse Conc
Barium	0.999802	4.084690	0.162165	WLR Blank	Inverse Conc
Beryllium	0.999902	18.146474	0.013138	WLR Blank	Inverse Conc
Boron	0.999435	1.988333	0.012121	WLR Blank	Inverse Conc
Cadmium	0.999901	3.654875	0.000021	WLR Blank	Inverse Conc
Calcium	0.999882	0.050277	0.009401	WLR Blank	Inverse Conc
Chromium	0.999939	0.272568	-0.000312	WLR Blank	Inverse Conc
Cobalt	0.999906	0.714957	-0.000754	WLR Blank	Inverse Conc
Copper	0.999633	9.378759	0.082650	WLR Blank	Inverse Conc
Iron	0.999944	0.023123	-0.000687	WLR Blank	Inverse Conc
Lead	0.999882	0.230831	-0.000068	WLR Blank	Inverse Conc
Lithium	0.999232	1.595589	0.103787	WLR Blank	Inverse Conc
Magnesium	0.999889	0.008304	-0.001630	WLR Blank	Inverse Conc
Manganese	0.999870	0.310495	0.000602	WLR Blank	Inverse Conc
Molybdenum	0.999624	0.423780	0.000705	WLR Blank	Inverse Conc
Nickel	0.999906	0.659606	-0.000701	WLR Blank	Inverse Conc
Phosphorus	0.999397	0.079301	-0.002209	WLR Blank	Inverse Conc
Potassium	0.999685	0.026686	0.331617	WLR Blank	Inverse Conc
Selenium	0.999062	0.057684	0.000144	WLR Blank	Inverse Conc
Silicon	0.952645	1.795437	0.025975	WLR Blank	Inverse Conc
Silver	0.999716	0.242642	0.000383	WLR Blank	Inverse Conc
Sodium	0.999456	0.008677	0.006749	WLR Blank	Inverse Conc
Strontium	0.999904	9.696488	-0.003899	WLR Blank	Inverse Conc
Sulfur	0.999028	0.040583	0.000253	WLR Blank	Inverse Conc
Thallium	0.999772	0.096777	-0.000413	WLR Blank	Inverse Conc
Tin	0.999927	0.109788	0.000214	WLR Blank	Inverse Conc
Vanadium	0.999596	5.442632	-0.002809	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.: MBHMZ9
Instrument ID: P5 Start Date : 01/10/2025
Analytical Method: ICP-AES Run Batch : LB134241

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999210	2.439104	0.005109	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.: MBHMZ9Instrument ID: P5Start Date : 01/13/2025Analytical Method: ICP-AESRun Batch : LB134256

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999637	0.092339	0.000672	WLR Blank	Inverse Conc
Antimony	0.995026	0.159901	-0.000127	WLR Blank	Inverse Conc
Arsenic	0.999487	344.577710	1.136599	WLR Blank	Inverse Conc
Barium	0.999633	4.591153	0.012056	WLR Blank	Inverse Conc
Beryllium	0.999722	11.207763	-0.003350	WLR Blank	Inverse Conc
Boron	0.999605	1.469665	0.001080	WLR Blank	Inverse Conc
Cadmium	0.999926	3.790513	0.000309	WLR Blank	Inverse Conc
Calcium	0.999914	0.052215	0.006168	WLR Blank	Inverse Conc
Chromium	0.999859	0.278073	-0.000033	WLR Blank	Inverse Conc
Cobalt	0.999965	0.748499	-0.000453	WLR Blank	Inverse Conc
Copper	0.999916	6.403572	0.070907	WLR Blank	Inverse Conc
Iron	0.999819	0.013888	0.000163	WLR Blank	Inverse Conc
Lead	0.999884	0.240199	-0.000130	WLR Blank	Inverse Conc
Lithium	0.998409	1.148739	0.083283	WLR Blank	Inverse Conc
Magnesium	0.999835	0.008827	-0.001312	WLR Blank	Inverse Conc
Manganese	0.999775	0.334120	0.000358	WLR Blank	Inverse Conc
Molybdenum	0.995745	0.647711	0.001258	WLR Blank	Inverse Conc
Nickel	0.999896	0.700619	-0.000564	WLR Blank	Inverse Conc
Phosphorus	0.999414	0.082903	-0.002331	WLR Blank	Inverse Conc
Potassium	0.998015	0.025575	0.290056	WLR Blank	Inverse Conc
Selenium	0.996332	0.070525	0.000326	WLR Blank	Inverse Conc
Silicon	0.994935	2.736785	0.021358	WLR Blank	Inverse Conc
Silver	0.999725	0.253161	-0.001229	WLR Blank	Inverse Conc
Sodium	0.999505	0.006924	-0.000091	WLR Blank	Inverse Conc
Strontium	0.999725	11.598016	-0.003400	WLR Blank	Inverse Conc
Sulfur	0.999027	0.045351	0.000181	WLR Blank	Inverse Conc
Thallium	0.999955	0.098600	-0.000419	WLR Blank	Inverse Conc
Tin	0.999916	0.111722	0.000119	WLR Blank	Inverse Conc
Vanadium	0.999872	3.840611	-0.002066	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.: MBHMZ9
Instrument ID: P5 Start Date : 01/13/2025
Analytical Method: ICP-AES Run Batch : LB134256

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999534	2.718274	0.002010	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.: MBHMZ9
Instrument ID: P5 Start Date : 01/13/2025
Analytical Method: ICP-AES Run Batch : LB134256

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