

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: _____ SDG No.: YE8D0Instrument ID: P4Start Date : 03/04/2025Analytical Method: ICP-AESRun Batch : LB134905

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999004	0.014294	0.000062	Lin. Reg	NONE
Antimony	0.998859	0.144529	-0.000106	Lin. Reg	NONE
Arsenic	0.998803	0.055176	-0.000055	Lin. Reg	NONE
Barium	0.999577	0.457690	0.002332	Lin. Reg	NONE
Beryllium	0.999821	2.789292	-0.000047	Lin. Reg	NONE
Cadmium	0.999878	2.276951	0.000000	Lin. Reg	NONE
Calcium	0.999817	0.008844	0.000077	Lin. Reg	NONE
Chromium	0.999625	0.148260	0.000071	Lin. Reg	NONE
Cobalt	0.999985	0.705564	-0.000165	Lin. Reg	NONE
Copper	0.999956	0.155535	0.000435	Lin. Reg	NONE
Iron	0.999971	0.005400	0.000020	Lin. Reg	NONE
Lead	0.999963	0.192180	-0.000128	Lin. Reg	NONE
Magnesium	0.999236	0.003035	-0.000040	Lin. Reg	NONE
Manganese	0.999960	0.092469	-0.000011	Lin. Reg	NONE
Nickel	0.999948	0.499519	-0.000199	Lin. Reg	NONE
Phosphorus	0.999740	0.039980	-0.001238	Lin. Reg	NONE
Potassium	0.998431	0.004363	0.006523	Lin. Reg	NONE
Selenium	0.999234	0.059212	0.000309	Lin. Reg	NONE
Silver	0.999492	0.272312	-0.000209	Lin. Reg	NONE
Sodium	0.999853	0.004554	-0.001076	Lin. Reg	NONE
Thallium	0.999577	0.058839	0.000039	Lin. Reg	NONE
Tin	0.999904	0.118648	0.000182	Lin. Reg	NONE
Titanium	0.999918	0.334116	0.002490	Lin. Reg	NONE
Vanadium	0.999879	0.113612	-0.000026	Lin. Reg	NONE
Zinc	0.999657	0.280823	0.000333	Lin. Reg	NONE

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: _____ SDG No.: YE8D0Instrument ID: P4Start Date : 03/05/2025Analytical Method: ICP-AESRun Batch : LB134916

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.998299	0.014091	0.000123	Lin. Reg	NONE
Antimony	0.998555	0.136982	0.000252	Lin. Reg	NONE
Arsenic	0.998523	0.053674	-0.000175	Lin. Reg	NONE
Barium	0.999673	0.456430	0.007602	Lin. Reg	NONE
Beryllium	0.999757	2.982524	-0.000074	Lin. Reg	NONE
Cadmium	0.999939	2.362019	-0.000037	Lin. Reg	NONE
Calcium	0.999558	0.008971	0.000071	Lin. Reg	NONE
Chromium	0.999635	0.155242	0.000112	Lin. Reg	NONE
Cobalt	0.999980	0.715878	-0.000083	Lin. Reg	NONE
Copper	0.999952	0.150201	0.000471	Lin. Reg	NONE
Iron	0.999796	0.005406	0.000048	Lin. Reg	NONE
Lead	0.999980	0.195513	-0.000254	Lin. Reg	NONE
Magnesium	0.998681	0.002846	-0.000060	Lin. Reg	NONE
Manganese	0.999847	0.102283	0.000019	Lin. Reg	NONE
Nickel	0.999944	0.510539	-0.000052	Lin. Reg	NONE
Phosphorus	0.999716	0.040747	-0.000925	Lin. Reg	NONE
Potassium	0.998565	0.003430	0.010471	Lin. Reg	NONE
Selenium	0.998994	0.055335	0.000324	Lin. Reg	NONE
Silver	0.999642	0.276836	-0.000514	Lin. Reg	NONE
Sodium	0.999735	0.004351	-0.001100	Lin. Reg	NONE
Thallium	0.999883	0.038784	0.000017	Lin. Reg	NONE
Tin	0.999965	0.123445	0.000222	Lin. Reg	NONE
Titanium	0.999842	0.342873	0.002191	Lin. Reg	NONE
Vanadium	0.999807	0.117517	0.000196	Lin. Reg	NONE
Zinc	0.999742	0.270214	0.000811	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: _____ SDG No.: YE8D0Instrument ID: P4Start Date : 03/07/2025Analytical Method: ICP-AESRun Batch : LB134953

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.997890	0.014698	0.000057	Lin. Reg	NONE
Antimony	0.999923	0.129160	0.000334	Lin. Reg	NONE
Arsenic	0.999917	0.054147	-0.000153	Lin. Reg	NONE
Barium	0.999976	0.462423	0.006231	Lin. Reg	NONE
Beryllium	0.999971	2.672211	0.000055	Lin. Reg	NONE
Cadmium	0.999785	2.151454	0.000007	Lin. Reg	NONE
Calcium	0.998823	0.009114	0.000175	Lin. Reg	NONE
Chromium	0.999197	0.151721	0.000140	Lin. Reg	NONE
Cobalt	0.999920	0.890554	0.000056	Lin. Reg	NONE
Copper	0.999994	0.109879	0.002658	Lin. Reg	NONE
Iron	0.999601	0.005468	0.000055	Lin. Reg	NONE
Lead	0.999878	0.195014	-0.000275	Lin. Reg	NONE
Magnesium	0.998474	0.003052	-0.000011	Lin. Reg	NONE
Manganese	0.999929	0.125237	0.000020	Lin. Reg	NONE
Nickel	0.999813	0.510096	-0.000330	Lin. Reg	NONE
Phosphorus	0.999700	0.041579	-0.000935	Lin. Reg	NONE
Potassium	0.999416	0.004334	0.006844	Lin. Reg	NONE
Selenium	0.999963	0.052261	0.000171	Lin. Reg	NONE
Silver	0.999686	0.277102	-0.000340	Lin. Reg	NONE
Sodium	0.998839	0.002050	-0.001576	Lin. Reg	NONE
Thallium	0.998298	0.038156	0.000063	Lin. Reg	NONE
Tin	0.999775	0.121849	0.000221	Lin. Reg	NONE
Titanium	0.999810	0.344288	0.002107	Lin. Reg	NONE
Vanadium	0.999716	0.117240	-0.000057	Lin. Reg	NONE
Zinc	0.999956	0.319789	0.000741	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8D0
Instrument ID: P4 Start Date : 03/07/2025
Analytical Method: ICP-AES Run Batch : LB134953

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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