

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51973MA No.: _____ SDG No.: MC0AZ0Instrument ID: P4Start Date : 01/27/2025Analytical Method: ICP-AESRun Batch : LB134438

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999605	0.011994	-0.000040	Lin. Reg	NONE
Antimony	0.999434	0.153719	0.000341	Lin. Reg	NONE
Arsenic	0.999390	0.059662	-0.000095	Lin. Reg	NONE
Barium	0.999252	0.409719	0.006465	Lin. Reg	NONE
Beryllium	0.999796	4.426662	0.000041	Lin. Reg	NONE
Cadmium	0.999759	2.534050	-0.000032	Lin. Reg	NONE
Calcium	0.999920	0.008023	0.000014	Lin. Reg	NONE
Chromium	0.999231	0.153956	-0.000008	Lin. Reg	NONE
Cobalt	0.999855	0.830442	-0.000003	Lin. Reg	NONE
Copper	0.999418	0.140741	0.003692	Lin. Reg	NONE
Iron	0.999886	0.004964	0.000000	Lin. Reg	NONE
Lead	0.999836	0.222865	-0.000310	Lin. Reg	NONE
Magnesium	0.999715	0.002199	-0.000033	Lin. Reg	NONE
Manganese	0.999851	0.088554	-0.000006	Lin. Reg	NONE
Nickel	0.999743	0.589180	-0.000339	Lin. Reg	NONE
Phosphorus	0.999766	0.045827	-0.001331	Lin. Reg	NONE
Potassium	0.999515	0.003607	0.005618	Lin. Reg	NONE
Selenium	0.999690	0.065763	0.000360	Lin. Reg	NONE
Silver	0.999741	0.274548	-0.000242	Lin. Reg	NONE
Sodium	0.999515	0.002512	-0.002157	Lin. Reg	NONE
Thallium	0.999038	0.069429	0.000071	Lin. Reg	NONE
Tin	0.999776	0.148914	0.000104	Lin. Reg	NONE
Titanium	0.999794	0.434672	0.002398	Lin. Reg	NONE
Vanadium	0.999774	0.153878	0.000019	Lin. Reg	NONE
Zinc	0.999642	0.280008	0.000350	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51973MA No.: _____ SDG No.: MC0AZ0Instrument ID: P4Start Date : 01/28/2025Analytical Method: ICP-AESRun Batch : LB134460

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.998919	0.012388	0.000104	Lin. Reg	NONE
Antimony	0.999913	0.133233	0.000093	Lin. Reg	NONE
Arsenic	0.999906	0.057645	-0.000123	Lin. Reg	NONE
Barium	0.999895	0.418269	0.004840	Lin. Reg	NONE
Beryllium	0.999841	4.174532	-0.000337	Lin. Reg	NONE
Cadmium	0.999714	2.445788	-0.000010	Lin. Reg	NONE
Calcium	0.999688	0.008083	0.000075	Lin. Reg	NONE
Chromium	0.999132	0.147559	-0.000005	Lin. Reg	NONE
Cobalt	0.999863	0.813681	0.000026	Lin. Reg	NONE
Copper	0.999951	0.143032	0.003050	Lin. Reg	NONE
Iron	0.999916	0.005002	0.000000	Lin. Reg	NONE
Lead	0.999830	0.221033	-0.000254	Lin. Reg	NONE
Magnesium	0.999287	0.002167	-0.000022	Lin. Reg	NONE
Manganese	0.999880	0.080983	-0.000016	Lin. Reg	NONE
Nickel	0.999784	0.577224	-0.000227	Lin. Reg	NONE
Phosphorus	0.999577	0.045986	-0.001129	Lin. Reg	NONE
Potassium	0.999639	0.003621	0.005394	Lin. Reg	NONE
Selenium	0.999980	0.055715	0.000277	Lin. Reg	NONE
Silver	0.999802	0.268393	-0.000386	Lin. Reg	NONE
Sodium	0.999234	0.002593	-0.002217	Lin. Reg	NONE
Thallium	0.999327	0.046951	0.000069	Lin. Reg	NONE
Tin	0.999794	0.146916	0.000162	Lin. Reg	NONE
Titanium	0.999860	0.435919	0.002092	Lin. Reg	NONE
Vanadium	0.999797	0.152090	0.000020	Lin. Reg	NONE
Zinc	0.999940	0.284548	0.000507	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACECase No.: 51973

MA No.: _____

SDG No.: MC0AZ0Instrument ID: P4Start Date : 01/29/2025Analytical Method: ICP-AESRun Batch : LB134475

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.998301	0.013178	0.000001	Lin. Reg	NONE
Antimony	0.999688	0.139842	0.000285	Lin. Reg	NONE
Arsenic	0.999707	0.062425	-0.000171	Lin. Reg	NONE
Barium	0.999844	0.432340	0.007599	Lin. Reg	NONE
Beryllium	0.999939	3.669692	0.000107	Lin. Reg	NONE
Cadmium	0.999858	2.765445	-0.000036	Lin. Reg	NONE
Calcium	0.999323	0.008713	0.000036	Lin. Reg	NONE
Chromium	0.999471	0.165298	-0.000003	Lin. Reg	NONE
Cobalt	0.999978	0.906070	0.000044	Lin. Reg	NONE
Copper	0.999803	0.116027	0.002340	Lin. Reg	NONE
Iron	0.999682	0.005384	0.000019	Lin. Reg	NONE
Lead	0.999972	0.245554	-0.000268	Lin. Reg	NONE
Magnesium	0.998805	0.002358	-0.000078	Lin. Reg	NONE
Manganese	0.999671	0.088416	-0.000015	Lin. Reg	NONE
Nickel	0.999936	0.647071	-0.000412	Lin. Reg	NONE
Phosphorus	0.999655	0.052233	-0.000991	Lin. Reg	NONE
Potassium	0.999540	0.003761	0.005329	Lin. Reg	NONE
Selenium	0.999874	0.062328	0.000278	Lin. Reg	NONE
Silver	0.999794	0.290281	-0.000494	Lin. Reg	NONE
Sodium	0.998933	0.002132	-0.002389	Lin. Reg	NONE
Thallium	0.999450	0.067165	0.000061	Lin. Reg	NONE
Tin	0.999933	0.165950	0.000282	Lin. Reg	NONE
Titanium	0.999714	0.361555	0.001904	Lin. Reg	NONE
Vanadium	0.999676	0.128001	-0.000020	Lin. Reg	NONE
Zinc	0.999877	0.294981	0.000335	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51973MA No.: _____ SDG No.: MC0AZ0Instrument ID: P4Start Date : 01/31/2025Analytical Method: ICP-AESRun Batch : LB134517

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.998414	0.012817	0.000071	Lin. Reg	NONE
Antimony	0.998332	0.149539	0.000145	Lin. Reg	NONE
Arsenic	0.998154	0.065912	-0.000011	Lin. Reg	NONE
Barium	0.997347	0.420809	0.007260	Lin. Reg	NONE
Beryllium	0.998511	3.638766	-0.000128	Lin. Reg	NONE
Cadmium	0.999800	2.717444	-0.000073	Lin. Reg	NONE
Calcium	0.999189	0.008614	0.000076	Lin. Reg	NONE
Chromium	0.999603	0.164361	-0.000013	Lin. Reg	NONE
Cobalt	0.999933	0.878522	0.000028	Lin. Reg	NONE
Copper	0.999646	0.111380	0.003008	Lin. Reg	NONE
Iron	0.999616	0.005259	0.000010	Lin. Reg	NONE
Lead	0.999906	0.241062	0.000009	Lin. Reg	NONE
Magnesium	0.998535	0.002327	-0.000085	Lin. Reg	NONE
Manganese	0.998985	0.091048	-0.000034	Lin. Reg	NONE
Nickel	0.999886	0.627148	-0.000403	Lin. Reg	NONE
Phosphorus	0.999718	0.049371	-0.001307	Lin. Reg	NONE
Potassium	0.997831	0.003801	0.005877	Lin. Reg	NONE
Selenium	0.998545	0.070101	0.000367	Lin. Reg	NONE
Silver	0.999736	0.286681	-0.000283	Lin. Reg	NONE
Sodium	0.999004	0.001935	-0.002869	Lin. Reg	NONE
Thallium	0.999669	0.052511	0.000098	Lin. Reg	NONE
Tin	0.999872	0.159209	0.000254	Lin. Reg	NONE
Titanium	0.999967	0.350349	0.001797	Lin. Reg	NONE
Vanadium	0.999954	0.123461	0.000064	Lin. Reg	NONE
Zinc	0.998477	0.291517	0.000156	Lin. Reg	NONE

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51973MA No.: _____ SDG No.: MC0AZ0Instrument ID: P5Start Date : 02/06/2025Analytical Method: ICP-AESRun Batch : LB134617

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999966	0.081490	-0.000851	WLR Blank	Inverse Conc
Antimony	0.999746	0.090929	0.000188	WLR Blank	Inverse Conc
Arsenic	0.999641	261.116850	-0.152502	WLR Blank	Inverse Conc
Barium	0.999868	3.012758	0.185362	WLR Blank	Inverse Conc
Beryllium	0.999672	5.012945	-0.000666	WLR Blank	Inverse Conc
Boron	0.998144	0.702690	0.001339	WLR Blank	Inverse Conc
Cadmium	0.999903	4.606757	0.000185	WLR Blank	Inverse Conc
Calcium	0.999758	0.075125	0.001102	WLR Blank	Inverse Conc
Chromium	0.999644	0.224665	-0.000067	WLR Blank	Inverse Conc
Cobalt	0.999870	0.766687	-0.000121	WLR Blank	Inverse Conc
Copper	0.999860	0.172810	0.002542	WLR Blank	Inverse Conc
Iron	0.999803	0.026038	-0.000475	WLR Blank	Inverse Conc
Lead	0.999891	0.233270	-0.000153	WLR Blank	Inverse Conc
Lithium	0.999848	0.692971	0.009448	WLR Blank	Inverse Conc
Magnesium	0.999783	0.017434	-0.000601	WLR Blank	Inverse Conc
Manganese	0.999632	0.622290	-0.000325	WLR Blank	Inverse Conc
Molybdenum	0.999967	0.529005	0.000579	WLR Blank	Inverse Conc
Nickel	0.999929	0.686397	-0.000181	WLR Blank	Inverse Conc
Phosphorus	0.999731	0.064651	-0.004528	WLR Blank	Inverse Conc
Potassium	0.999640	0.013975	0.143555	WLR Blank	Inverse Conc
Selenium	0.999758	0.068097	0.000121	WLR Blank	Inverse Conc
Silicon	0.956341	0.712224	0.012138	WLR Blank	Inverse Conc
Silver	0.999921	0.260714	0.000515	WLR Blank	Inverse Conc
Sodium	0.999879	0.006852	0.002554	WLR Blank	Inverse Conc
Strontium	0.999836	8.958101	-0.002833	WLR Blank	Inverse Conc
Sulfur	0.999521	0.045796	0.000406	WLR Blank	Inverse Conc
Thallium	0.999506	0.119814	0.000172	WLR Blank	Inverse Conc
Tin	0.999881	0.169758	0.000633	WLR Blank	Inverse Conc
Vanadium	0.999745	0.182705	0.000094	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51973 MA No.: SDG No.: MC0AZ0
Instrument ID: P5 Start Date : 02/06/2025
Analytical Method: ICP-AES Run Batch : LB134617

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999796	0.185219	-0.000520	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51973 MA No.: SDG No.: MC0AZ0
Instrument ID: P5 Start Date : 02/06/2025
Analytical Method: ICP-AES Run Batch : LB134617

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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