

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51779MA No.: _____ SDG No.: MYCYX9Instrument ID: P5Start Date : 12/19/2024Analytical Method: ICP-AESRun Batch : LB134036

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999987	0.096440	-0.000666	WLR Blank	Inverse Conc
Antimony	0.997891	0.112706	0.000246	WLR Blank	Inverse Conc
Arsenic	0.999921	108.232040	0.236807	WLR Blank	Inverse Conc
Barium	0.999977	3.639615	0.020714	WLR Blank	Inverse Conc
Beryllium	0.999944	11.335668	0.000819	WLR Blank	Inverse Conc
Boron	0.999499	0.648136	0.005538	WLR Blank	Inverse Conc
Cadmium	0.999919	3.476188	0.000502	WLR Blank	Inverse Conc
Calcium	0.999979	0.045497	0.007346	WLR Blank	Inverse Conc
Chromium	0.999981	0.172803	0.000115	WLR Blank	Inverse Conc
Cobalt	0.999967	0.975747	-0.000273	WLR Blank	Inverse Conc
Copper	0.999971	0.183918	0.002590	WLR Blank	Inverse Conc
Iron	0.999781	0.021627	-0.000156	WLR Blank	Inverse Conc
Lead	0.999776	0.220115	0.000593	WLR Blank	Inverse Conc
Lithium	0.999985	1.092978	0.005832	WLR Blank	Inverse Conc
Magnesium	0.999943	0.008384	-0.001181	WLR Blank	Inverse Conc
Manganese	0.999925	0.497428	0.000149	WLR Blank	Inverse Conc
Molybdenum	0.998395	0.593859	0.000083	WLR Blank	Inverse Conc
Nickel	0.999917	0.698897	-0.000385	WLR Blank	Inverse Conc
Phosphorus	0.999403	0.077765	-0.003054	WLR Blank	Inverse Conc
Potassium	0.999818	0.025942	0.100824	WLR Blank	Inverse Conc
Selenium	0.998717	0.071602	0.000038	WLR Blank	Inverse Conc
Silicon	0.994523	1.456542	0.013213	WLR Blank	Inverse Conc
Silver	0.999848	0.236425	-0.001877	WLR Blank	Inverse Conc
Sodium	0.999953	0.006318	-0.021785	WLR Blank	Inverse Conc
Strontium	0.999978	8.495734	-0.004889	WLR Blank	Inverse Conc
Sulfur	0.999112	0.049186	0.000541	WLR Blank	Inverse Conc
Thallium	0.999975	0.066788	-0.000059	WLR Blank	Inverse Conc
Tin	0.999744	0.149349	0.001499	WLR Blank	Inverse Conc
Vanadium	0.999992	0.107632	0.000223	WLR Blank	Inverse Conc

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCYX9
Instrument ID: P5 Start Date : 12/19/2024
Analytical Method: ICP-AES Run Batch : LB134036

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998734	0.031660	-0.000558	WLR Blank	Inverse Conc

FORM 16-IN

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51779MA No.: _____ SDG No.: MYCYX9Instrument ID: P5Start Date : 12/20/2024Analytical Method: ICP-AESRun Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999930	0.120257	-0.002445	WLR Blank	Inverse Conc
Antimony	0.997822	0.186161	0.000823	WLR Blank	Inverse Conc
Arsenic	0.999838	139.527250	-0.139379	WLR Blank	Inverse Conc
Barium	0.999950	4.454282	0.042860	WLR Blank	Inverse Conc
Beryllium	0.999984	9.644659	-0.000184	WLR Blank	Inverse Conc
Boron	0.999676	0.652227	0.001529	WLR Blank	Inverse Conc
Cadmium	0.999977	4.238630	0.000221	WLR Blank	Inverse Conc
Calcium	0.999994	0.054510	0.006339	WLR Blank	Inverse Conc
Chromium	0.999989	0.293572	0.000286	WLR Blank	Inverse Conc
Cobalt	0.999986	1.163432	-0.000551	WLR Blank	Inverse Conc
Copper	0.999988	0.180195	0.001749	WLR Blank	Inverse Conc
Iron	0.999919	0.020928	0.000223	WLR Blank	Inverse Conc
Lead	0.999861	0.266560	0.000159	WLR Blank	Inverse Conc
Lithium	0.999876	1.014736	0.023247	WLR Blank	Inverse Conc
Magnesium	0.999994	0.009981	-0.001370	WLR Blank	Inverse Conc
Manganese	0.999963	0.478988	0.000601	WLR Blank	Inverse Conc
Molybdenum	0.998177	0.762505	0.000218	WLR Blank	Inverse Conc
Nickel	0.999939	0.703093	-0.000784	WLR Blank	Inverse Conc
Phosphorus	0.999531	0.079556	-0.002541	WLR Blank	Inverse Conc
Potassium	0.999791	0.023917	0.100005	WLR Blank	Inverse Conc
Selenium	0.998947	0.097523	-0.000207	WLR Blank	Inverse Conc
Silicon	0.995022	1.630014	0.021460	WLR Blank	Inverse Conc
Silver	0.999824	0.312554	0.000540	WLR Blank	Inverse Conc
Sodium	0.999852	0.006596	0.002880	WLR Blank	Inverse Conc
Strontium	0.999975	10.626997	-0.002467	WLR Blank	Inverse Conc
Sulfur	0.999332	0.051945	0.000602	WLR Blank	Inverse Conc
Thallium	0.999987	0.084660	-0.000220	WLR Blank	Inverse Conc
Tin	0.999844	0.178477	0.002522	WLR Blank	Inverse Conc
Vanadium	0.999978	0.102217	0.000332	WLR Blank	Inverse Conc

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Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCYX9
Instrument ID: P5 Start Date : 12/20/2024
Analytical Method: ICP-AES Run Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.996801	0.055813	-0.001141	WLR Blank	Inverse Conc

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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

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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

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Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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