

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHR1Instrument 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

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHR1
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

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHR1Instrument ID: P5Start Date : 12/10/2024Analytical Method: ICP-AESRun Batch : LB133883

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999967	0.097988	-0.000376	WLR Blank	Inverse Conc
Antimony	0.998673	0.163408	0.000194	WLR Blank	Inverse Conc
Arsenic	0.999431	187.287720	0.483678	WLR Blank	Inverse Conc
Barium	0.999981	3.362920	0.060901	WLR Blank	Inverse Conc
Beryllium	0.999869	11.461841	0.002662	WLR Blank	Inverse Conc
Boron	0.999175	0.693479	0.004316	WLR Blank	Inverse Conc
Cadmium	0.999994	3.001364	0.000130	WLR Blank	Inverse Conc
Calcium	0.999918	0.048343	0.003495	WLR Blank	Inverse Conc
Chromium	0.999852	0.309519	0.000406	WLR Blank	Inverse Conc
Cobalt	0.999985	0.811374	-0.000165	WLR Blank	Inverse Conc
Copper	0.999953	0.140202	0.001465	WLR Blank	Inverse Conc
Iron	0.999691	0.018749	-0.000021	WLR Blank	Inverse Conc
Lead	0.999980	0.181807	0.000473	WLR Blank	Inverse Conc
Lithium	0.999335	0.947867	0.074011	WLR Blank	Inverse Conc
Magnesium	0.999181	0.008123	-0.000300	WLR Blank	Inverse Conc
Manganese	0.999857	0.405265	-0.000193	WLR Blank	Inverse Conc
Molybdenum	0.998999	1.242036	0.001229	WLR Blank	Inverse Conc
Nickel	0.999998	0.477276	0.000086	WLR Blank	Inverse Conc
Phosphorus	0.999781	0.055095	-0.004009	WLR Blank	Inverse Conc
Potassium	0.999927	0.019116	0.041081	WLR Blank	Inverse Conc
Selenium	0.999472	0.068510	-0.000213	WLR Blank	Inverse Conc
Silicon	0.994455	1.980091	0.028174	WLR Blank	Inverse Conc
Silver	0.999951	0.289500	0.000903	WLR Blank	Inverse Conc
Sodium	0.999994	0.006878	0.002398	WLR Blank	Inverse Conc
Strontium	0.999889	8.043023	-0.002779	WLR Blank	Inverse Conc
Sulfur	0.999673	0.037160	0.000390	WLR Blank	Inverse Conc
Thallium	0.999885	0.085246	-0.000188	WLR Blank	Inverse Conc
Tin	0.999976	0.119236	0.001501	WLR Blank	Inverse Conc
Vanadium	0.999958	0.109155	0.000079	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHR1
Instrument ID: P5 Start Date : 12/10/2024
Analytical Method: ICP-AES Run Batch : LB133883

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998397	0.084812	-0.000670	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHR1Instrument ID: P5Start Date : 12/13/2024Analytical Method: ICP-AESRun Batch : LB133949

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999629	0.114392	-0.001247	WLR Blank	Inverse Conc
Antimony	0.997660	0.178719	0.000261	WLR Blank	Inverse Conc
Arsenic	0.999711	177.910610	-0.433338	WLR Blank	Inverse Conc
Barium	0.999969	4.483920	0.007200	WLR Blank	Inverse Conc
Beryllium	0.999874	12.316497	-0.001415	WLR Blank	Inverse Conc
Boron	0.998999	0.887014	0.012960	WLR Blank	Inverse Conc
Cadmium	0.999968	3.536725	0.000174	WLR Blank	Inverse Conc
Calcium	0.999724	0.049949	0.006986	WLR Blank	Inverse Conc
Chromium	0.999836	0.287082	0.000325	WLR Blank	Inverse Conc
Cobalt	0.999981	0.926704	-0.000347	WLR Blank	Inverse Conc
Copper	0.999975	0.165126	0.002480	WLR Blank	Inverse Conc
Iron	0.999965	0.024718	0.000175	WLR Blank	Inverse Conc
Lead	0.999895	0.231335	0.000222	WLR Blank	Inverse Conc
Lithium	0.999891	0.988674	0.038365	WLR Blank	Inverse Conc
Magnesium	0.999953	0.014029	-0.001611	WLR Blank	Inverse Conc
Manganese	0.999923	0.443879	-0.000333	WLR Blank	Inverse Conc
Molybdenum	0.997876	0.793174	0.000404	WLR Blank	Inverse Conc
Nickel	0.999969	0.569559	-0.000258	WLR Blank	Inverse Conc
Phosphorus	0.999585	0.068100	-0.003168	WLR Blank	Inverse Conc
Potassium	0.999906	0.025012	0.180518	WLR Blank	Inverse Conc
Selenium	0.998311	0.071410	0.000185	WLR Blank	Inverse Conc
Silicon	0.993900	1.691746	0.097402	WLR Blank	Inverse Conc
Silver	0.999951	0.261098	-0.001984	WLR Blank	Inverse Conc
Sodium	0.999643	0.008986	-0.003609	WLR Blank	Inverse Conc
Strontium	0.999978	11.247076	-0.004133	WLR Blank	Inverse Conc
Sulfur	0.999418	0.045004	0.000466	WLR Blank	Inverse Conc
Thallium	0.999986	0.087854	-0.000296	WLR Blank	Inverse Conc
Tin	0.999882	0.142809	0.000178	WLR Blank	Inverse Conc
Vanadium	0.999970	0.114665	0.000310	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHR1
Instrument ID: P5 Start Date : 12/13/2024
Analytical Method: ICP-AES Run Batch : LB133949

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998692	0.070908	-0.000973	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHR1
Instrument ID: P5 Start Date : 12/13/2024
Analytical Method: ICP-AES Run Batch : LB133949

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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