

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHHA5Instrument ID: P5Start Date : 11/20/2024Analytical Method: ICP-AESRun Batch : LB133543

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999938	0.087944	-0.004406	WLR Blank	Inverse Conc
Antimony	0.997460	0.194515	0.000244	WLR Blank	Inverse Conc
Arsenic	0.999387	0.029333	-0.000050	WLR Blank	Inverse Conc
Barium	0.999906	3.846883	0.010315	WLR Blank	Inverse Conc
Beryllium	0.999915	4.181050	-0.000843	WLR Blank	Inverse Conc
Boron	0.999469	0.314471	0.003635	WLR Blank	Inverse Conc
Cadmium	0.999926	2.009015	0.000160	WLR Blank	Inverse Conc
Calcium	0.999714	0.081425	0.006961	WLR Blank	Inverse Conc
Chromium	0.999818	0.134081	-0.000254	WLR Blank	Inverse Conc
Cobalt	0.999970	0.632889	-0.000392	WLR Blank	Inverse Conc
Copper	0.999984	0.242894	0.002020	WLR Blank	Inverse Conc
Iron	0.999731	0.021743	0.000171	WLR Blank	Inverse Conc
Lead	0.999973	0.143241	-0.000725	WLR Blank	Inverse Conc
Lithium	0.999875	1.470014	0.022757	WLR Blank	Inverse Conc
Magnesium	0.999938	0.008633	-0.000131	WLR Blank	Inverse Conc
Manganese	0.999840	0.625079	0.000094	WLR Blank	Inverse Conc
Molybdenum	0.998897	0.913403	-0.000335	WLR Blank	Inverse Conc
Nickel	0.999925	0.594150	-0.000249	WLR Blank	Inverse Conc
Phosphorus	0.999443	0.052894	-0.001072	WLR Blank	Inverse Conc
Potassium	0.999810	0.018228	0.091882	WLR Blank	Inverse Conc
Selenium	0.998165	0.064769	-0.000129	WLR Blank	Inverse Conc
Silicon	0.994887	0.629075	0.004193	WLR Blank	Inverse Conc
Silver	0.999667	0.401073	0.027623	WLR Blank	Inverse Conc
Sodium	0.999967	0.005892	-0.002637	WLR Blank	Inverse Conc
Strontium	0.999920	9.399785	0.002983	WLR Blank	Inverse Conc
Sulfur	0.999164	0.027756	0.000466	WLR Blank	Inverse Conc
Thallium	0.999836	0.070878	-0.000365	WLR Blank	Inverse Conc
Tin	0.999952	0.100711	0.000230	WLR Blank	Inverse Conc
Vanadium	0.999952	0.099789	-0.000996	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.: MBHHA5
Instrument ID: P5 Start Date : 11/20/2024
Analytical Method: ICP-AES Run Batch : LB133543

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.997399	2.550187	0.008483	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.: MBHHA5Instrument 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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHHA5
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.: MBHHA5Instrument 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.: MBHHA5
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.: MBHHA5
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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