

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51817MA No.: _____ SDG No.: MYE516Instrument ID: P5Start Date : 11/09/2024Analytical Method: ICP-AESRun Batch : LB133379

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999973	0.086977	-0.003091	WLR Blank	Inverse Conc
Antimony	0.998896	0.145684	-0.000001	WLR Blank	Inverse Conc
Arsenic	0.999602	0.023414	0.000113	WLR Blank	Inverse Conc
Barium	0.999853	4.618208	0.002001	WLR Blank	Inverse Conc
Beryllium	0.999865	5.187017	-0.001112	WLR Blank	Inverse Conc
Boron	0.999358	0.667027	0.004322	WLR Blank	Inverse Conc
Cadmium	0.999815	1.543299	0.000681	WLR Blank	Inverse Conc
Calcium	0.999863	0.055074	0.004423	WLR Blank	Inverse Conc
Chromium	0.999613	0.109139	-0.000167	WLR Blank	Inverse Conc
Cobalt	0.999920	0.475710	-0.000481	WLR Blank	Inverse Conc
Copper	0.999901	0.103083	0.000784	WLR Blank	Inverse Conc
Iron	0.999507	0.009123	0.000181	WLR Blank	Inverse Conc
Lead	0.999895	0.111155	-0.000509	WLR Blank	Inverse Conc
Lithium	0.999779	1.563781	0.007423	WLR Blank	Inverse Conc
Magnesium	0.999633	0.004089	-0.000713	WLR Blank	Inverse Conc
Manganese	0.999640	0.198350	-0.000378	WLR Blank	Inverse Conc
Molybdenum	0.999577	0.555678	-0.000070	WLR Blank	Inverse Conc
Nickel	0.999853	0.446767	-0.000328	WLR Blank	Inverse Conc
Phosphorus	0.999693	0.040530	-0.001340	WLR Blank	Inverse Conc
Potassium	0.999834	0.031240	0.065984	WLR Blank	Inverse Conc
Selenium	0.999536	0.043652	0.000617	WLR Blank	Inverse Conc
Silicon	0.995576	1.239496	0.011282	WLR Blank	Inverse Conc
Silver	0.999858	0.280416	0.021018	WLR Blank	Inverse Conc
Sodium	0.999972	0.009921	-0.005470	WLR Blank	Inverse Conc
Strontium	0.999741	12.198082	0.001868	WLR Blank	Inverse Conc
Sulfur	0.999625	0.017383	0.000165	WLR Blank	Inverse Conc
Thallium	0.999510	0.046292	-0.000081	WLR Blank	Inverse Conc
Tin	0.999923	0.059856	0.000016	WLR Blank	Inverse Conc
Vanadium	0.999649	0.052781	-0.000158	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE516
Instrument ID: P5 Start Date : 11/09/2024
Analytical Method: ICP-AES Run Batch : LB133379

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999547	2.475071	0.000333	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51817MA No.: _____ SDG No.: MYE516Instrument ID: P5Start Date : 11/11/2024Analytical Method: ICP-AESRun Batch : LB133387

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999663	0.120464	-0.001154	WLR Blank	Inverse Conc
Antimony	0.996859	0.203687	0.000283	WLR Blank	Inverse Conc
Arsenic	0.999339	0.030753	0.000297	WLR Blank	Inverse Conc
Barium	0.999883	6.591711	0.036318	WLR Blank	Inverse Conc
Beryllium	0.999878	6.887317	-0.002132	WLR Blank	Inverse Conc
Boron	0.999432	0.884118	0.008411	WLR Blank	Inverse Conc
Cadmium	0.999900	1.965244	0.000316	WLR Blank	Inverse Conc
Calcium	0.999896	0.073122	0.004558	WLR Blank	Inverse Conc
Chromium	0.999736	0.141980	0.000060	WLR Blank	Inverse Conc
Cobalt	0.999915	0.622074	-0.000167	WLR Blank	Inverse Conc
Copper	0.999792	0.141206	0.000989	WLR Blank	Inverse Conc
Iron	0.999833	0.011994	0.000145	WLR Blank	Inverse Conc
Lead	0.999883	0.145250	-0.000507	WLR Blank	Inverse Conc
Lithium	0.999207	2.154178	0.015196	WLR Blank	Inverse Conc
Magnesium	0.999676	0.005548	-0.000581	WLR Blank	Inverse Conc
Manganese	0.999805	0.259666	-0.000078	WLR Blank	Inverse Conc
Molybdenum	0.998280	0.759400	0.000142	WLR Blank	Inverse Conc
Nickel	0.999895	0.587860	-0.000250	WLR Blank	Inverse Conc
Phosphorus	0.999515	0.058269	-0.001061	WLR Blank	Inverse Conc
Potassium	0.999441	0.043490	0.082123	WLR Blank	Inverse Conc
Selenium	0.997797	0.060566	0.000126	WLR Blank	Inverse Conc
Silicon	0.995360	1.689158	0.017686	WLR Blank	Inverse Conc
Silver	0.999617	0.378274	0.026314	WLR Blank	Inverse Conc
Sodium	0.999800	0.014019	-0.011969	WLR Blank	Inverse Conc
Strontium	0.999912	14.824661	0.004416	WLR Blank	Inverse Conc
Sulfur	0.999114	0.023339	0.000307	WLR Blank	Inverse Conc
Thallium	0.999678	0.057046	-0.000102	WLR Blank	Inverse Conc
Tin	0.999888	0.077845	0.000071	WLR Blank	Inverse Conc
Vanadium	0.999809	0.070477	-0.000196	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE516
Instrument ID: P5 Start Date : 11/11/2024
Analytical Method: ICP-AES Run Batch : LB133387

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998964	3.402170	0.003411	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51817MA No.: _____ SDG No.: MYE516Instrument ID: P5Start Date : 11/12/2024Analytical Method: ICP-AESRun Batch : LB133417

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999826	0.116501	-0.001929	WLR Blank	Inverse Conc
Antimony	0.996330	0.218124	-0.000107	WLR Blank	Inverse Conc
Arsenic	0.998981	0.032377	0.000056	WLR Blank	Inverse Conc
Barium	0.999906	6.790076	-0.003410	WLR Blank	Inverse Conc
Beryllium	0.999932	10.653332	-0.002072	WLR Blank	Inverse Conc
Boron	0.999575	0.953589	0.003717	WLR Blank	Inverse Conc
Cadmium	0.999955	1.910665	0.000447	WLR Blank	Inverse Conc
Calcium	0.999681	0.068726	0.005899	WLR Blank	Inverse Conc
Chromium	0.999911	0.177417	-0.000061	WLR Blank	Inverse Conc
Cobalt	0.999879	0.612393	-0.000432	WLR Blank	Inverse Conc
Copper	0.999870	0.175764	0.001512	WLR Blank	Inverse Conc
Iron	0.999296	0.011196	0.000388	WLR Blank	Inverse Conc
Lead	0.999919	0.143557	-0.000550	WLR Blank	Inverse Conc
Lithium	0.999470	3.015839	0.025076	WLR Blank	Inverse Conc
Magnesium	0.999705	0.005026	-0.000258	WLR Blank	Inverse Conc
Manganese	0.999923	0.233308	0.000159	WLR Blank	Inverse Conc
Molybdenum	0.998040	0.964995	-0.000261	WLR Blank	Inverse Conc
Nickel	0.999930	0.554637	0.000123	WLR Blank	Inverse Conc
Phosphorus	0.999165	0.054925	-0.001123	WLR Blank	Inverse Conc
Potassium	0.999406	0.044616	0.078986	WLR Blank	Inverse Conc
Selenium	0.997266	0.079245	0.000141	WLR Blank	Inverse Conc
Silicon	0.995823	1.582917	0.012223	WLR Blank	Inverse Conc
Silver	0.999556	0.384334	0.021256	WLR Blank	Inverse Conc
Sodium	0.999820	0.013644	-0.011533	WLR Blank	Inverse Conc
Strontium	0.999914	12.797772	0.000260	WLR Blank	Inverse Conc
Sulfur	0.998824	0.029231	0.000231	WLR Blank	Inverse Conc
Thallium	0.999905	0.065589	-0.000261	WLR Blank	Inverse Conc
Tin	0.999822	0.097648	0.000992	WLR Blank	Inverse Conc
Vanadium	0.999824	0.067275	-0.000667	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE516
Instrument ID: P5 Start Date : 11/12/2024
Analytical Method: ICP-AES Run Batch : LB133417

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998110	2.807500	0.003534	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE516
Instrument ID: P5 Start Date : 11/12/2024
Analytical Method: ICP-AES Run Batch : LB133417

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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