

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI1Instrument ID: P5Start Date : 10/30/2024Analytical Method: ICP-AESRun Batch : LB133243

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999970	0.108679	-0.001806	WLR Blank	Inverse Conc
Antimony	0.998624	0.188074	0.000152	WLR Blank	Inverse Conc
Arsenic	0.999674	0.027689	0.000258	WLR Blank	Inverse Conc
Barium	0.999766	5.417076	0.050729	WLR Blank	Inverse Conc
Beryllium	0.999720	6.289402	-0.002322	WLR Blank	Inverse Conc
Boron	0.999008	0.972721	0.008092	WLR Blank	Inverse Conc
Cadmium	0.999768	1.945197	0.000187	WLR Blank	Inverse Conc
Calcium	0.999695	0.070371	0.004745	WLR Blank	Inverse Conc
Chromium	0.999380	0.187311	-0.000057	WLR Blank	Inverse Conc
Cobalt	0.999901	0.604207	-0.000600	WLR Blank	Inverse Conc
Copper	0.999847	0.175241	0.001525	WLR Blank	Inverse Conc
Iron	0.999355	0.013000	0.000550	WLR Blank	Inverse Conc
Lead	0.999934	0.139660	-0.000729	WLR Blank	Inverse Conc
Lithium	0.999925	1.824280	0.010990	WLR Blank	Inverse Conc
Magnesium	0.999929	0.005586	-0.000197	WLR Blank	Inverse Conc
Manganese	0.999476	0.265838	-0.000047	WLR Blank	Inverse Conc
Molybdenum	0.999522	0.896054	0.000272	WLR Blank	Inverse Conc
Nickel	0.999818	0.568997	-0.000129	WLR Blank	Inverse Conc
Phosphorus	0.999789	0.052112	-0.000900	WLR Blank	Inverse Conc
Potassium	0.999919	0.035980	0.073961	WLR Blank	Inverse Conc
Selenium	0.999278	0.070309	0.000074	WLR Blank	Inverse Conc
Silicon	0.995169	1.491878	0.012695	WLR Blank	Inverse Conc
Silver	0.999991	0.311724	0.027832	WLR Blank	Inverse Conc
Sodium	0.999948	0.011558	-0.008595	WLR Blank	Inverse Conc
Strontium	0.999674	11.418538	0.002184	WLR Blank	Inverse Conc
Sulfur	0.999644	0.026762	0.000353	WLR Blank	Inverse Conc
Thallium	0.999362	0.066659	-0.000436	WLR Blank	Inverse Conc
Tin	0.999934	0.096977	0.000091	WLR Blank	Inverse Conc
Vanadium	0.999636	0.074080	-0.000470	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI1
Instrument ID: P5 Start Date : 10/30/2024
Analytical Method: ICP-AES Run Batch : LB133243

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999498	2.627456	0.003495	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI1Instrument 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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Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI1
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, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI1Instrument ID: P5Start Date : 11/17/2024Analytical Method: ICP-AESRun Batch : LB133479

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999647	0.083954	-0.003064	WLR Blank	Inverse Conc
Antimony	0.997833	0.178802	0.001111	WLR Blank	Inverse Conc
Arsenic	0.999015	0.035140	-0.000038	WLR Blank	Inverse Conc
Barium	0.999961	3.530606	0.001643	WLR Blank	Inverse Conc
Beryllium	0.999977	2.989607	-0.001256	WLR Blank	Inverse Conc
Boron	0.999370	0.299796	0.003149	WLR Blank	Inverse Conc
Cadmium	0.999964	1.941302	0.000503	WLR Blank	Inverse Conc
Calcium	0.999963	0.075704	0.005570	WLR Blank	Inverse Conc
Chromium	0.999792	0.158266	-0.000098	WLR Blank	Inverse Conc
Cobalt	0.999960	0.607184	-0.000559	WLR Blank	Inverse Conc
Copper	0.999997	0.219095	0.002375	WLR Blank	Inverse Conc
Iron	0.999971	0.021538	0.000235	WLR Blank	Inverse Conc
Lead	0.999976	0.137855	-0.000574	WLR Blank	Inverse Conc
Lithium	0.999922	1.294391	0.007879	WLR Blank	Inverse Conc
Magnesium	0.999826	0.008372	-0.000139	WLR Blank	Inverse Conc
Manganese	0.999915	0.570386	-0.000324	WLR Blank	Inverse Conc
Molybdenum	0.999097	0.834223	-0.000195	WLR Blank	Inverse Conc
Nickel	0.999963	0.560541	-0.000101	WLR Blank	Inverse Conc
Phosphorus	0.999522	0.044819	-0.001215	WLR Blank	Inverse Conc
Potassium	0.999834	0.017894	0.045479	WLR Blank	Inverse Conc
Selenium	0.998254	0.064563	0.000717	WLR Blank	Inverse Conc
Silicon	0.993241	0.550020	0.005148	WLR Blank	Inverse Conc
Silver	0.999658	0.332841	0.025500	WLR Blank	Inverse Conc
Sodium	0.999905	0.005513	-0.002830	WLR Blank	Inverse Conc
Strontium	0.999961	8.643953	0.004123	WLR Blank	Inverse Conc
Sulfur	0.999150	0.025133	0.000339	WLR Blank	Inverse Conc
Thallium	0.999773	0.060439	-0.000357	WLR Blank	Inverse Conc
Tin	0.999945	0.095251	0.000113	WLR Blank	Inverse Conc
Vanadium	0.999973	0.094188	-0.000608	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI1
Instrument ID: P5 Start Date : 11/17/2024
Analytical Method: ICP-AES Run Batch : LB133479

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.997128	2.331770	0.006517	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI1Instrument ID: P5Start Date : 11/17/2024Analytical Method: ICP-AESRun Batch : LB133481

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999387	0.085214	-0.003844	WLR Blank	Inverse Conc
Antimony	0.997263	0.181480	-0.000117	WLR Blank	Inverse Conc
Arsenic	0.998768	0.034935	0.000014	WLR Blank	Inverse Conc
Barium	0.999936	3.550291	0.000771	WLR Blank	Inverse Conc
Beryllium	0.999908	2.926500	-0.001166	WLR Blank	Inverse Conc
Boron	0.999509	0.303934	0.003187	WLR Blank	Inverse Conc
Cadmium	0.999976	1.948870	0.000510	WLR Blank	Inverse Conc
Calcium	0.999963	0.076795	0.006245	WLR Blank	Inverse Conc
Chromium	0.999908	0.160220	-0.000262	WLR Blank	Inverse Conc
Cobalt	0.999939	0.611074	-0.000485	WLR Blank	Inverse Conc
Copper	0.999985	0.220402	0.001595	WLR Blank	Inverse Conc
Iron	0.999946	0.021652	0.000228	WLR Blank	Inverse Conc
Lead	0.999943	0.180839	-0.000612	WLR Blank	Inverse Conc
Lithium	0.999898	1.310156	0.008544	WLR Blank	Inverse Conc
Magnesium	0.999598	0.008384	-0.000204	WLR Blank	Inverse Conc
Manganese	0.999937	0.573907	-0.000203	WLR Blank	Inverse Conc
Molybdenum	0.998736	0.846129	-0.000154	WLR Blank	Inverse Conc
Nickel	0.999958	0.565409	0.000104	WLR Blank	Inverse Conc
Phosphorus	0.999078	0.045708	-0.001382	WLR Blank	Inverse Conc
Potassium	0.999800	0.017910	0.043368	WLR Blank	Inverse Conc
Selenium	0.997508	0.064872	0.000355	WLR Blank	Inverse Conc
Silicon	0.993337	0.549288	0.005409	WLR Blank	Inverse Conc
Silver	0.999706	0.335184	0.025715	WLR Blank	Inverse Conc
Sodium	0.999768	0.005557	-0.001730	WLR Blank	Inverse Conc
Strontium	0.999946	8.693194	0.003537	WLR Blank	Inverse Conc
Sulfur	0.998505	0.025343	0.000334	WLR Blank	Inverse Conc
Thallium	0.999904	0.061792	-0.000505	WLR Blank	Inverse Conc
Tin	0.999892	0.095828	0.000208	WLR Blank	Inverse Conc
Vanadium	0.999961	0.093658	-0.000725	WLR Blank	Inverse Conc

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Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI1
Instrument ID: P5 Start Date : 11/17/2024
Analytical Method: ICP-AES Run Batch : LB133481

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.996607	2.346841	0.005032	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 11/17/2024
Analytical Method: ICP-AES Run Batch : LB133481

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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