

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI2Instrument 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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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI2
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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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI2Instrument 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 Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI2
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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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51716MA No.: _____ SDG No.: MC0PI2Instrument ID: P5Start Date : 11/18/2024Analytical Method: ICP-AESRun Batch : LB133486

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999133	0.085860	-0.002297	WLR Blank	Inverse Conc
Antimony	0.997488	0.181960	0.000178	WLR Blank	Inverse Conc
Arsenic	0.999096	0.023582	0.000009	WLR Blank	Inverse Conc
Barium	0.999946	3.601725	0.003540	WLR Blank	Inverse Conc
Beryllium	0.999934	2.859865	-0.001266	WLR Blank	Inverse Conc
Boron	0.999644	0.298794	0.001962	WLR Blank	Inverse Conc
Cadmium	0.999993	1.940394	0.000512	WLR Blank	Inverse Conc
Calcium	0.999930	0.077280	0.005670	WLR Blank	Inverse Conc
Chromium	0.999918	0.160067	-0.000275	WLR Blank	Inverse Conc
Cobalt	0.999973	0.612196	-0.000418	WLR Blank	Inverse Conc
Copper	0.999982	0.219273	0.002313	WLR Blank	Inverse Conc
Iron	0.999868	0.021455	0.000157	WLR Blank	Inverse Conc
Lead	0.999974	0.137867	-0.000598	WLR Blank	Inverse Conc
Lithium	0.999856	1.321867	0.006381	WLR Blank	Inverse Conc
Magnesium	0.999407	0.008290	-0.000443	WLR Blank	Inverse Conc
Manganese	0.999924	0.577671	-0.000103	WLR Blank	Inverse Conc
Molybdenum	0.998805	0.846461	-0.000648	WLR Blank	Inverse Conc
Nickel	0.999967	0.567366	0.000118	WLR Blank	Inverse Conc
Phosphorus	0.999007	0.046319	-0.001223	WLR Blank	Inverse Conc
Potassium	0.999821	0.017832	0.041687	WLR Blank	Inverse Conc
Selenium	0.997885	0.064296	0.000433	WLR Blank	Inverse Conc
Silicon	0.993690	0.540360	0.005898	WLR Blank	Inverse Conc
Silver	0.999695	0.340031	0.025496	WLR Blank	Inverse Conc
Sodium	0.999588	0.005579	-0.001830	WLR Blank	Inverse Conc
Strontium	0.999949	8.777749	0.004091	WLR Blank	Inverse Conc
Sulfur	0.998671	0.025549	0.000430	WLR Blank	Inverse Conc
Thallium	0.999934	0.062567	-0.000307	WLR Blank	Inverse Conc
Tin	0.999948	0.095772	0.000264	WLR Blank	Inverse Conc
Vanadium	0.999819	0.092591	-0.001375	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.: MC0PI2
Instrument ID: P5 Start Date : 11/18/2024
Analytical Method: ICP-AES Run Batch : LB133486

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.996786	2.352698	0.005616	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.: MC0PI2
Instrument ID: P5 Start Date : 11/18/2024
Analytical Method: ICP-AES Run Batch : LB133486

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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