

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACECase No.: 51698

MA No.: _____

SDG No.: MBHCS8Instrument 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.: 51698 MA No.: SDG No.: MBHCS8
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.: 51698MA No.: _____ SDG No.: MBHCS8Instrument ID: P5Start Date : 10/31/2024Analytical Method: ICP-AESRun Batch : LB133244

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999939	0.109342	-0.004202	WLR Blank	Inverse Conc
Antimony	0.998505	0.188733	0.000234	WLR Blank	Inverse Conc
Arsenic	0.999709	0.028113	0.000128	WLR Blank	Inverse Conc
Barium	0.999827	5.632499	0.041496	WLR Blank	Inverse Conc
Beryllium	0.999591	5.708217	-0.003630	WLR Blank	Inverse Conc
Boron	0.999076	0.976941	0.002522	WLR Blank	Inverse Conc
Cadmium	0.999789	1.966032	0.000226	WLR Blank	Inverse Conc
Calcium	0.999753	0.068836	0.006728	WLR Blank	Inverse Conc
Chromium	0.999523	0.191914	-0.000302	WLR Blank	Inverse Conc
Cobalt	0.999912	0.609721	-0.000582	WLR Blank	Inverse Conc
Copper	0.999863	0.177076	0.001412	WLR Blank	Inverse Conc
Iron	0.999454	0.012556	0.000106	WLR Blank	Inverse Conc
Lead	0.999942	0.141994	-0.000867	WLR Blank	Inverse Conc
Lithium	0.999937	1.780796	0.004460	WLR Blank	Inverse Conc
Magnesium	0.999960	0.005415	-0.000010	WLR Blank	Inverse Conc
Manganese	0.999512	0.270396	-0.000175	WLR Blank	Inverse Conc
Molybdenum	0.999431	0.912982	-0.000194	WLR Blank	Inverse Conc
Nickel	0.999833	0.576701	-0.000456	WLR Blank	Inverse Conc
Phosphorus	0.999782	0.055162	-0.001032	WLR Blank	Inverse Conc
Potassium	0.999922	0.036514	0.086960	WLR Blank	Inverse Conc
Selenium	0.999095	0.072643	0.000137	WLR Blank	Inverse Conc
Silicon	0.995091	1.480604	0.013701	WLR Blank	Inverse Conc
Silver	0.999938	0.293352	0.026944	WLR Blank	Inverse Conc
Sodium	0.999930	0.011680	-0.013509	WLR Blank	Inverse Conc
Strontium	0.999750	11.714286	0.000737	WLR Blank	Inverse Conc
Sulfur	0.999261	0.027821	0.001102	WLR Blank	Inverse Conc
Thallium	0.999434	0.071183	-0.000350	WLR Blank	Inverse Conc
Tin	0.999916	0.099910	0.000038	WLR Blank	Inverse Conc
Vanadium	0.999714	0.072474	0.000317	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCS8
Instrument ID: P5 Start Date : 10/31/2024
Analytical Method: ICP-AES Run Batch : LB133244

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999457	2.700877	0.001905	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51698MA No.: _____ SDG No.: MBHCS8Instrument ID: P5Start Date : 11/04/2024Analytical Method: ICP-AESRun Batch : LB133314

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999927	0.113898	-0.002105	WLR Blank	Inverse Conc
Antimony	0.997973	0.190654	-0.000107	WLR Blank	Inverse Conc
Arsenic	0.999512	0.029647	0.000123	WLR Blank	Inverse Conc
Barium	0.999943	5.798576	0.003284	WLR Blank	Inverse Conc
Beryllium	0.999955	7.291910	-0.001771	WLR Blank	Inverse Conc
Boron	0.999354	0.939504	0.010281	WLR Blank	Inverse Conc
Cadmium	0.999881	2.030786	0.000754	WLR Blank	Inverse Conc
Calcium	0.999922	0.072474	0.005237	WLR Blank	Inverse Conc
Chromium	0.999715	0.183621	-0.000091	WLR Blank	Inverse Conc
Cobalt	0.999938	0.630231	-0.000457	WLR Blank	Inverse Conc
Copper	0.999961	0.173601	0.001557	WLR Blank	Inverse Conc
Iron	0.999656	0.012637	0.000465	WLR Blank	Inverse Conc
Lead	0.999952	0.135240	-0.000703	WLR Blank	Inverse Conc
Lithium	0.999648	1.923829	0.014079	WLR Blank	Inverse Conc
Magnesium	0.999935	0.005435	-0.000562	WLR Blank	Inverse Conc
Manganese	0.999823	0.274960	-0.000088	WLR Blank	Inverse Conc
Molybdenum	0.999013	0.884091	0.000494	WLR Blank	Inverse Conc
Nickel	0.999904	0.590725	-0.000461	WLR Blank	Inverse Conc
Phosphorus	0.999747	0.052951	-0.001151	WLR Blank	Inverse Conc
Potassium	0.999759	0.036715	0.053920	WLR Blank	Inverse Conc
Selenium	0.998696	0.072767	0.000556	WLR Blank	Inverse Conc
Silicon	0.995730	1.519416	0.014729	WLR Blank	Inverse Conc
Silver	0.999876	0.335399	0.026947	WLR Blank	Inverse Conc
Sodium	0.999933	0.012260	-0.006277	WLR Blank	Inverse Conc
Strontium	0.999896	11.991372	0.003383	WLR Blank	Inverse Conc
Sulfur	0.999356	0.026077	0.000432	WLR Blank	Inverse Conc
Thallium	0.999600	0.068243	-0.000153	WLR Blank	Inverse Conc
Tin	0.999924	0.094952	0.000226	WLR Blank	Inverse Conc
Vanadium	0.999694	0.072532	-0.000841	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCS8
Instrument ID: P5 Start Date : 11/04/2024
Analytical Method: ICP-AES Run Batch : LB133314

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998564	2.687005	0.004637	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51698MA No.: _____ SDG No.: MBHCS8Instrument ID: P5Start Date : 11/07/2024Analytical Method: ICP-AESRun Batch : LB133346

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999916	0.113505	-0.001183	WLR Blank	Inverse Conc
Antimony	0.997950	0.196354	0.000008	WLR Blank	Inverse Conc
Arsenic	0.999519	0.022792	0.000308	WLR Blank	Inverse Conc
Barium	0.999918	6.106553	0.036871	WLR Blank	Inverse Conc
Beryllium	0.999810	10.680035	-0.001675	WLR Blank	Inverse Conc
Boron	0.999262	1.001997	0.005268	WLR Blank	Inverse Conc
Cadmium	0.999884	1.945240	0.000282	WLR Blank	Inverse Conc
Calcium	0.999737	0.070826	0.005317	WLR Blank	Inverse Conc
Chromium	0.999681	0.183303	0.000040	WLR Blank	Inverse Conc
Cobalt	0.999940	0.606587	-0.000182	WLR Blank	Inverse Conc
Copper	0.999875	0.178180	0.001419	WLR Blank	Inverse Conc
Iron	0.999351	0.012028	0.000601	WLR Blank	Inverse Conc
Lead	0.999921	0.141830	-0.000587	WLR Blank	Inverse Conc
Lithium	0.999762	2.618257	0.011629	WLR Blank	Inverse Conc
Magnesium	0.999704	0.005397	-0.000418	WLR Blank	Inverse Conc
Manganese	0.999723	0.254606	-0.000463	WLR Blank	Inverse Conc
Molybdenum	0.998997	0.933807	-0.000102	WLR Blank	Inverse Conc
Nickel	0.999916	0.573351	0.000323	WLR Blank	Inverse Conc
Phosphorus	0.999687	0.053931	-0.000996	WLR Blank	Inverse Conc
Potassium	0.999719	0.039823	0.087919	WLR Blank	Inverse Conc
Selenium	0.998654	0.073675	0.000215	WLR Blank	Inverse Conc
Silicon	0.995455	1.548405	0.012234	WLR Blank	Inverse Conc
Silver	0.999826	0.371653	0.025765	WLR Blank	Inverse Conc
Sodium	0.999936	0.012519	-0.011635	WLR Blank	Inverse Conc
Strontium	0.999891	12.311857	-0.000391	WLR Blank	Inverse Conc
Sulfur	0.999266	0.027766	0.000398	WLR Blank	Inverse Conc
Thallium	0.999637	0.068577	-0.000262	WLR Blank	Inverse Conc
Tin	0.999935	0.098335	0.000205	WLR Blank	Inverse Conc
Vanadium	0.999683	0.071765	-0.000392	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCS8
Instrument ID: P5 Start Date : 11/07/2024
Analytical Method: ICP-AES Run Batch : LB133346

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999027	2.542330	0.005091	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51698MA No.: _____ SDG No.: MBHCS8Instrument 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.: 51698 MA No.: SDG No.: MBHCS8
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.: 51698 MA No.: SDG No.: MBHCS8
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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