

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ97Instrument ID: P5Start Date : 12/03/2024Analytical Method: ICP-AESRun Batch : LB133720

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999872	0.094698	-0.002128	WLR Blank	Inverse Conc
Antimony	0.998891	0.155787	0.000283	WLR Blank	Inverse Conc
Arsenic	0.999001	0.034235	-0.000110	WLR Blank	Inverse Conc
Barium	0.999962	4.366487	-0.003002	WLR Blank	Inverse Conc
Beryllium	0.999845	2.649818	-0.000171	WLR Blank	Inverse Conc
Boron	0.999280	0.234374	0.002203	WLR Blank	Inverse Conc
Cadmium	0.999992	1.979497	0.000552	WLR Blank	Inverse Conc
Calcium	0.999914	0.050704	0.002327	WLR Blank	Inverse Conc
Chromium	0.999844	0.148747	-0.000041	WLR Blank	Inverse Conc
Cobalt	0.999960	0.591846	0.000011	WLR Blank	Inverse Conc
Copper	0.999973	0.146767	0.001345	WLR Blank	Inverse Conc
Iron	0.999901	0.025075	-0.000041	WLR Blank	Inverse Conc
Lead	0.999957	0.137377	-0.000568	WLR Blank	Inverse Conc
Lithium	0.999774	1.273684	0.062624	WLR Blank	Inverse Conc
Magnesium	0.999822	0.008290	-0.000419	WLR Blank	Inverse Conc
Manganese	0.999869	0.499102	0.000041	WLR Blank	Inverse Conc
Molybdenum	0.999783	0.792196	-0.000323	WLR Blank	Inverse Conc
Nickel	0.999950	0.564560	-0.000104	WLR Blank	Inverse Conc
Phosphorus	0.999159	0.030658	-0.001166	WLR Blank	Inverse Conc
Potassium	0.999696	0.022848	0.053046	WLR Blank	Inverse Conc
Selenium	0.999267	0.044919	0.000179	WLR Blank	Inverse Conc
Silicon	0.994239	0.345722	0.003013	WLR Blank	Inverse Conc
Silver	0.999591	0.239958	-0.001910	WLR Blank	Inverse Conc
Sodium	0.999967	0.005283	-0.006191	WLR Blank	Inverse Conc
Strontium	0.999904	7.914063	0.002106	WLR Blank	Inverse Conc
Sulfur	0.998818	0.028092	0.000198	WLR Blank	Inverse Conc
Thallium	0.999911	0.063349	-0.000240	WLR Blank	Inverse Conc
Tin	0.999935	0.102014	0.000055	WLR Blank	Inverse Conc
Vanadium	0.999797	0.105238	-0.000109	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.: MBHJ97
Instrument ID: P5 Start Date : 12/03/2024
Analytical Method: ICP-AES Run Batch : LB133720

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999030	0.193436	-0.000087	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.: MBHJ97Instrument ID: P5Start Date : 12/11/2024Analytical Method: ICP-AESRun Batch : LB133902

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999891	0.141957	0.000385	WLR Blank	Inverse Conc
Antimony	0.998164	0.182964	0.000477	WLR Blank	Inverse Conc
Arsenic	0.999578	236.892370	0.067324	WLR Blank	Inverse Conc
Barium	0.999994	4.898397	0.100562	WLR Blank	Inverse Conc
Beryllium	0.999892	16.010135	0.001907	WLR Blank	Inverse Conc
Boron	0.999309	0.976196	0.005006	WLR Blank	Inverse Conc
Cadmium	0.999990	3.556167	0.000461	WLR Blank	Inverse Conc
Calcium	0.999956	0.067955	0.003668	WLR Blank	Inverse Conc
Chromium	0.999887	0.335411	0.000306	WLR Blank	Inverse Conc
Cobalt	0.999983	1.001671	-0.000442	WLR Blank	Inverse Conc
Copper	0.999980	0.196616	0.002565	WLR Blank	Inverse Conc
Iron	0.999808	0.033730	0.000188	WLR Blank	Inverse Conc
Lead	0.999968	0.216926	0.000546	WLR Blank	Inverse Conc
Lithium	0.998431	1.418670	0.139296	WLR Blank	Inverse Conc
Magnesium	0.999454	0.014502	-0.001576	WLR Blank	Inverse Conc
Manganese	0.999891	0.424057	0.000387	WLR Blank	Inverse Conc
Molybdenum	0.998589	0.996516	0.000520	WLR Blank	Inverse Conc
Nickel	0.999997	0.574843	-0.000268	WLR Blank	Inverse Conc
Phosphorus	0.999759	0.064922	-0.003720	WLR Blank	Inverse Conc
Potassium	0.999860	0.034588	0.070293	WLR Blank	Inverse Conc
Selenium	0.998901	0.075766	0.000299	WLR Blank	Inverse Conc
Silicon	0.994426	2.039369	0.034593	WLR Blank	Inverse Conc
Silver	0.999924	0.409090	-0.000587	WLR Blank	Inverse Conc
Sodium	0.999968	0.008090	-0.016389	WLR Blank	Inverse Conc
Strontium	0.999967	8.836015	-0.007366	WLR Blank	Inverse Conc
Sulfur	0.999537	0.045289	0.000554	WLR Blank	Inverse Conc
Thallium	0.999899	0.102014	-0.000248	WLR Blank	Inverse Conc
Tin	0.999953	0.178785	0.002820	WLR Blank	Inverse Conc
Vanadium	0.999982	0.158985	0.000546	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.: MBHJ97
Instrument ID: P5 Start Date : 12/11/2024
Analytical Method: ICP-AES Run Batch : LB133902

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.997766	0.069579	-0.001252	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.: MBHJ97Instrument 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.: MBHJ97
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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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ97Instrument ID: P5Start Date : 12/15/2024Analytical Method: ICP-AESRun Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999994	0.095047	-0.000557	WLR Blank	Inverse Conc
Antimony	0.997816	0.141381	0.000587	WLR Blank	Inverse Conc
Arsenic	0.999669	138.943560	-0.050262	WLR Blank	Inverse Conc
Barium	0.999986	3.596620	0.016437	WLR Blank	Inverse Conc
Beryllium	0.999947	9.416802	-0.000152	WLR Blank	Inverse Conc
Boron	0.999482	0.605905	0.004096	WLR Blank	Inverse Conc
Cadmium	0.999960	2.872245	-0.000045	WLR Blank	Inverse Conc
Calcium	0.999965	0.042674	0.004690	WLR Blank	Inverse Conc
Chromium	0.999967	0.211651	0.000038	WLR Blank	Inverse Conc
Cobalt	0.999992	0.738523	0.000014	WLR Blank	Inverse Conc
Copper	0.999984	0.118307	0.002327	WLR Blank	Inverse Conc
Iron	0.999701	0.019008	0.000016	WLR Blank	Inverse Conc
Lead	0.999921	0.186745	0.000125	WLR Blank	Inverse Conc
Lithium	0.999881	0.683586	0.002806	WLR Blank	Inverse Conc
Magnesium	0.999856	0.010684	-0.001688	WLR Blank	Inverse Conc
Manganese	0.999939	0.345463	-0.000355	WLR Blank	Inverse Conc
Molybdenum	0.998461	0.645140	0.000115	WLR Blank	Inverse Conc
Nickel	0.999962	0.475765	-0.000462	WLR Blank	Inverse Conc
Phosphorus	0.999572	0.052213	-0.002987	WLR Blank	Inverse Conc
Potassium	0.999919	0.021092	0.095027	WLR Blank	Inverse Conc
Selenium	0.998485	0.055046	-0.000118	WLR Blank	Inverse Conc
Silicon	0.993922	1.172886	0.013392	WLR Blank	Inverse Conc
Silver	0.999906	0.236213	-0.002188	WLR Blank	Inverse Conc
Sodium	0.999954	0.006586	-0.008367	WLR Blank	Inverse Conc
Strontium	0.999997	8.801467	-0.006562	WLR Blank	Inverse Conc
Sulfur	0.999235	0.034283	0.000397	WLR Blank	Inverse Conc
Thallium	0.999961	0.073211	-0.000166	WLR Blank	Inverse Conc
Tin	0.999893	0.109271	0.000126	WLR Blank	Inverse Conc
Vanadium	0.999793	0.090525	0.000246	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.: MBHJ97
Instrument ID: P5 Start Date : 12/15/2024
Analytical Method: ICP-AES Run Batch : LB133959

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998911	0.056038	-0.000647	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACECase No.: 51879

MA No.: _____

SDG No.: MBHJ97Instrument ID: P5Start Date : 12/23/2024Analytical Method: ICP-AESRun Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999943	0.119963	-0.005186	WLR Blank	Inverse Conc
Antimony	0.998944	0.131601	0.000155	WLR Blank	Inverse Conc
Arsenic	0.999711	121.845960	0.707428	WLR Blank	Inverse Conc
Barium	0.999957	4.291399	0.059957	WLR Blank	Inverse Conc
Beryllium	0.999925	9.807787	0.001631	WLR Blank	Inverse Conc
Boron	0.999482	0.695827	0.006362	WLR Blank	Inverse Conc
Cadmium	0.999897	4.219567	0.000638	WLR Blank	Inverse Conc
Calcium	0.999993	0.057013	0.008027	WLR Blank	Inverse Conc
Chromium	0.999881	0.233353	0.000231	WLR Blank	Inverse Conc
Cobalt	0.999875	1.129159	-0.000360	WLR Blank	Inverse Conc
Copper	0.999982	0.191957	0.001468	WLR Blank	Inverse Conc
Iron	0.999837	0.020604	-0.000159	WLR Blank	Inverse Conc
Lead	0.999747	0.350619	0.000135	WLR Blank	Inverse Conc
Lithium	0.999943	1.042196	0.027254	WLR Blank	Inverse Conc
Magnesium	0.999981	0.009812	-0.001515	WLR Blank	Inverse Conc
Manganese	0.999966	0.462809	0.000226	WLR Blank	Inverse Conc
Molybdenum	0.999031	0.514327	0.000060	WLR Blank	Inverse Conc
Nickel	0.999874	0.942511	-0.001258	WLR Blank	Inverse Conc
Phosphorus	0.999540	0.108914	-0.003606	WLR Blank	Inverse Conc
Potassium	0.999813	0.024844	0.077346	WLR Blank	Inverse Conc
Selenium	0.999668	0.076112	-0.000252	WLR Blank	Inverse Conc
Silicon	0.988066	1.772742	0.164857	WLR Blank	Inverse Conc
Silver	0.999779	0.253538	0.000720	WLR Blank	Inverse Conc
Sodium	0.999918	0.006408	0.014106	WLR Blank	Inverse Conc
Strontium	0.999987	8.705836	-0.003722	WLR Blank	Inverse Conc
Sulfur	0.999414	0.051305	0.000493	WLR Blank	Inverse Conc
Thallium	0.999927	0.081117	-0.000342	WLR Blank	Inverse Conc
Tin	0.999769	0.144693	0.000003	WLR Blank	Inverse Conc
Vanadium	0.999791	0.100527	-0.000210	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.: MBHJ97
Instrument ID: P5 Start Date : 12/23/2024
Analytical Method: ICP-AES Run Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998287	0.034810	-0.001112	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.: MBHJ97
Instrument ID: P5 Start Date : 12/23/2024
Analytical Method: ICP-AES Run Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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