

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ01Instrument 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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ01Instrument ID: P5Start Date : 12/12/2024Analytical Method: ICP-AESRun Batch : LB133932

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999940	0.093152	-0.000510	WLR Blank	Inverse Conc
Antimony	0.999005	0.175060	0.000774	WLR Blank	Inverse Conc
Arsenic	0.999387	184.357140	0.034179	WLR Blank	Inverse Conc
Barium	0.999968	3.783257	0.010847	WLR Blank	Inverse Conc
Beryllium	0.999952	10.086952	-0.002040	WLR Blank	Inverse Conc
Boron	0.998663	0.782645	0.013532	WLR Blank	Inverse Conc
Cadmium	0.999922	3.741453	0.000235	WLR Blank	Inverse Conc
Calcium	0.999942	0.051030	0.004801	WLR Blank	Inverse Conc
Chromium	0.999623	0.327032	0.000451	WLR Blank	Inverse Conc
Cobalt	0.999888	0.998510	-0.000204	WLR Blank	Inverse Conc
Copper	0.999948	0.148787	0.002286	WLR Blank	Inverse Conc
Iron	0.999759	0.020050	0.000173	WLR Blank	Inverse Conc
Lead	0.999964	0.229951	0.000101	WLR Blank	Inverse Conc
Lithium	0.999968	0.920259	0.010926	WLR Blank	Inverse Conc
Magnesium	0.999381	0.012262	-0.001186	WLR Blank	Inverse Conc
Manganese	0.999865	0.368562	-0.000054	WLR Blank	Inverse Conc
Molybdenum	0.999363	0.768013	0.000591	WLR Blank	Inverse Conc
Nickel	0.999943	0.576458	0.000097	WLR Blank	Inverse Conc
Phosphorus	0.999829	0.068368	-0.002782	WLR Blank	Inverse Conc
Potassium	0.999976	0.020767	0.149100	WLR Blank	Inverse Conc
Selenium	0.999480	0.070125	0.000107	WLR Blank	Inverse Conc
Silicon	0.995476	1.539894	0.019148	WLR Blank	Inverse Conc
Silver	0.999991	0.314633	0.000001	WLR Blank	Inverse Conc
Sodium	0.999972	0.007753	0.012000	WLR Blank	Inverse Conc
Strontium	0.999972	9.575391	-0.002200	WLR Blank	Inverse Conc
Sulfur	0.999723	0.045985	0.000565	WLR Blank	Inverse Conc
Thallium	0.999725	0.103454	0.000088	WLR Blank	Inverse Conc
Tin	0.999951	0.145046	0.000324	WLR Blank	Inverse Conc
Vanadium	0.999961	0.095865	0.000034	WLR Blank	Inverse Conc

FORM 16-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
Instrument ID: P5 Start Date : 12/12/2024
Analytical Method: ICP-AES Run Batch : LB133932

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998761	0.113103	-0.000867	WLR Blank	Inverse Conc

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ01Instrument 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

FORM 16-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ01Instrument 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

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
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

FORM 16-IN

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHJ01Instrument ID: P5Start Date : 12/20/2024Analytical Method: ICP-AESRun Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999930	0.120257	-0.002445	WLR Blank	Inverse Conc
Antimony	0.997822	0.186161	0.000823	WLR Blank	Inverse Conc
Arsenic	0.999838	139.527250	-0.139379	WLR Blank	Inverse Conc
Barium	0.999950	4.454282	0.042860	WLR Blank	Inverse Conc
Beryllium	0.999984	9.644659	-0.000184	WLR Blank	Inverse Conc
Boron	0.999676	0.652227	0.001529	WLR Blank	Inverse Conc
Cadmium	0.999977	4.238630	0.000221	WLR Blank	Inverse Conc
Calcium	0.999994	0.054510	0.006339	WLR Blank	Inverse Conc
Chromium	0.999989	0.293572	0.000286	WLR Blank	Inverse Conc
Cobalt	0.999986	1.163432	-0.000551	WLR Blank	Inverse Conc
Copper	0.999988	0.180195	0.001749	WLR Blank	Inverse Conc
Iron	0.999919	0.020928	0.000223	WLR Blank	Inverse Conc
Lead	0.999861	0.266560	0.000159	WLR Blank	Inverse Conc
Lithium	0.999876	1.014736	0.023247	WLR Blank	Inverse Conc
Magnesium	0.999994	0.009981	-0.001370	WLR Blank	Inverse Conc
Manganese	0.999963	0.478988	0.000601	WLR Blank	Inverse Conc
Molybdenum	0.998177	0.762505	0.000218	WLR Blank	Inverse Conc
Nickel	0.999939	0.703093	-0.000784	WLR Blank	Inverse Conc
Phosphorus	0.999531	0.079556	-0.002541	WLR Blank	Inverse Conc
Potassium	0.999791	0.023917	0.100005	WLR Blank	Inverse Conc
Selenium	0.998947	0.097523	-0.000207	WLR Blank	Inverse Conc
Silicon	0.995022	1.630014	0.021460	WLR Blank	Inverse Conc
Silver	0.999824	0.312554	0.000540	WLR Blank	Inverse Conc
Sodium	0.999852	0.006596	0.002880	WLR Blank	Inverse Conc
Strontium	0.999975	10.626997	-0.002467	WLR Blank	Inverse Conc
Sulfur	0.999332	0.051945	0.000602	WLR Blank	Inverse Conc
Thallium	0.999987	0.084660	-0.000220	WLR Blank	Inverse Conc
Tin	0.999844	0.178477	0.002522	WLR Blank	Inverse Conc
Vanadium	0.999978	0.102217	0.000332	WLR Blank	Inverse Conc

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
Instrument ID: P5 Start Date : 12/20/2024
Analytical Method: ICP-AES Run Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.996801	0.055813	-0.001141	WLR Blank	Inverse Conc

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ01
Instrument ID: P5 Start Date : 12/20/2024
Analytical Method: ICP-AES Run Batch : LB134057

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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