

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51779MA No.: _____ SDG No.: MYCZ19Instrument ID: P5Start Date : 12/18/2024Analytical Method: ICP-AESRun Batch : LB134014

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999979	0.119186	-0.002562	WLR Blank	Inverse Conc
Antimony	0.999083	0.133361	0.000602	WLR Blank	Inverse Conc
Arsenic	0.999695	122.545750	0.252890	WLR Blank	Inverse Conc
Barium	0.999969	3.513147	0.021485	WLR Blank	Inverse Conc
Beryllium	0.999909	9.643371	0.000787	WLR Blank	Inverse Conc
Boron	0.999408	0.505973	0.003648	WLR Blank	Inverse Conc
Cadmium	0.999987	4.117424	0.000718	WLR Blank	Inverse Conc
Calcium	0.999866	0.043360	0.004512	WLR Blank	Inverse Conc
Chromium	0.999940	0.164858	-0.000035	WLR Blank	Inverse Conc
Cobalt	0.999946	0.948499	-0.000076	WLR Blank	Inverse Conc
Copper	0.999843	0.176029	0.001515	WLR Blank	Inverse Conc
Iron	0.999732	0.021930	-0.000071	WLR Blank	Inverse Conc
Lead	0.999925	0.258740	-0.000209	WLR Blank	Inverse Conc
Lithium	0.999780	1.004159	0.009646	WLR Blank	Inverse Conc
Magnesium	0.999931	0.010529	-0.000631	WLR Blank	Inverse Conc
Manganese	0.999763	0.509038	-0.000535	WLR Blank	Inverse Conc
Molybdenum	0.999441	0.564067	0.000011	WLR Blank	Inverse Conc
Nickel	0.999982	0.689715	-0.000524	WLR Blank	Inverse Conc
Phosphorus	0.999715	0.077654	-0.002738	WLR Blank	Inverse Conc
Potassium	0.999982	0.023421	0.103060	WLR Blank	Inverse Conc
Selenium	0.999718	0.070665	-0.000344	WLR Blank	Inverse Conc
Silicon	0.994033	1.560569	0.017209	WLR Blank	Inverse Conc
Silver	0.999858	0.227693	-0.000067	WLR Blank	Inverse Conc
Sodium	0.999921	0.008212	-0.007954	WLR Blank	Inverse Conc
Strontium	0.999951	8.382719	-0.004045	WLR Blank	Inverse Conc
Sulfur	0.999541	0.051175	0.000200	WLR Blank	Inverse Conc
Thallium	0.999934	0.085228	-0.000092	WLR Blank	Inverse Conc
Tin	0.999928	0.145520	0.000156	WLR Blank	Inverse Conc
Vanadium	0.999897	0.107625	-0.000263	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZ19
Instrument ID: P5 Start Date : 12/18/2024
Analytical Method: ICP-AES Run Batch : LB134014

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998980	0.038905	-0.001150	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51779MA No.: _____ SDG No.: MYCZ19Instrument ID: P5Start Date : 12/19/2024Analytical Method: ICP-AESRun Batch : LB134036

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999987	0.096440	-0.000666	WLR Blank	Inverse Conc
Antimony	0.997891	0.112706	0.000246	WLR Blank	Inverse Conc
Arsenic	0.999921	108.232040	0.236807	WLR Blank	Inverse Conc
Barium	0.999977	3.639615	0.020714	WLR Blank	Inverse Conc
Beryllium	0.999944	11.335668	0.000819	WLR Blank	Inverse Conc
Boron	0.999499	0.648136	0.005538	WLR Blank	Inverse Conc
Cadmium	0.999919	3.476188	0.000502	WLR Blank	Inverse Conc
Calcium	0.999979	0.045497	0.007346	WLR Blank	Inverse Conc
Chromium	0.999981	0.172803	0.000115	WLR Blank	Inverse Conc
Cobalt	0.999967	0.975747	-0.000273	WLR Blank	Inverse Conc
Copper	0.999971	0.183918	0.002590	WLR Blank	Inverse Conc
Iron	0.999781	0.021627	-0.000156	WLR Blank	Inverse Conc
Lead	0.999776	0.220115	0.000593	WLR Blank	Inverse Conc
Lithium	0.999985	1.092978	0.005832	WLR Blank	Inverse Conc
Magnesium	0.999943	0.008384	-0.001181	WLR Blank	Inverse Conc
Manganese	0.999925	0.497428	0.000149	WLR Blank	Inverse Conc
Molybdenum	0.998395	0.593859	0.000083	WLR Blank	Inverse Conc
Nickel	0.999917	0.698897	-0.000385	WLR Blank	Inverse Conc
Phosphorus	0.999403	0.077765	-0.003054	WLR Blank	Inverse Conc
Potassium	0.999818	0.025942	0.100824	WLR Blank	Inverse Conc
Selenium	0.998717	0.071602	0.000038	WLR Blank	Inverse Conc
Silicon	0.994523	1.456542	0.013213	WLR Blank	Inverse Conc
Silver	0.999848	0.236425	-0.001877	WLR Blank	Inverse Conc
Sodium	0.999953	0.006318	-0.021785	WLR Blank	Inverse Conc
Strontium	0.999978	8.495734	-0.004889	WLR Blank	Inverse Conc
Sulfur	0.999112	0.049186	0.000541	WLR Blank	Inverse Conc
Thallium	0.999975	0.066788	-0.000059	WLR Blank	Inverse Conc
Tin	0.999744	0.149349	0.001499	WLR Blank	Inverse Conc
Vanadium	0.999992	0.107632	0.000223	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 12/19/2024
Analytical Method: ICP-AES Run Batch : LB134036

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998734	0.031660	-0.000558	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51779MA No.: _____ SDG No.: MYCZ19Instrument ID: P5Start Date : 12/26/2024Analytical Method: ICP-AESRun Batch : LB134088

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999899	0.111554	-0.002411	WLR Blank	Inverse Conc
Antimony	0.999426	0.115981	0.000099	WLR Blank	Inverse Conc
Arsenic	0.999684	119.923650	0.735324	WLR Blank	Inverse Conc
Barium	0.999971	3.994071	0.048476	WLR Blank	Inverse Conc
Beryllium	0.999927	10.340390	0.003683	WLR Blank	Inverse Conc
Boron	0.999196	0.635599	0.006959	WLR Blank	Inverse Conc
Cadmium	0.999996	3.891799	0.000982	WLR Blank	Inverse Conc
Calcium	0.999981	0.052447	0.006519	WLR Blank	Inverse Conc
Chromium	0.999821	0.212956	0.000142	WLR Blank	Inverse Conc
Cobalt	0.999984	1.025456	-0.000342	WLR Blank	Inverse Conc
Copper	0.999993	0.176473	0.002308	WLR Blank	Inverse Conc
Iron	0.999936	0.019446	0.000260	WLR Blank	Inverse Conc
Lead	0.999931	0.245186	0.000170	WLR Blank	Inverse Conc
Lithium	0.999958	0.991290	-0.018005	WLR Blank	Inverse Conc
Magnesium	0.999996	0.010944	-0.000712	WLR Blank	Inverse Conc
Manganese	0.999958	0.432707	0.001284	WLR Blank	Inverse Conc
Molybdenum	0.999565	0.479187	0.000740	WLR Blank	Inverse Conc
Nickel	0.999988	0.849349	-0.000142	WLR Blank	Inverse Conc
Phosphorus	0.999784	0.068085	-0.003113	WLR Blank	Inverse Conc
Potassium	0.999794	0.023505	0.057178	WLR Blank	Inverse Conc
Selenium	0.999880	0.063909	0.000164	WLR Blank	Inverse Conc
Silicon	0.994459	1.602820	0.016066	WLR Blank	Inverse Conc
Silver	0.999958	0.229951	0.000631	WLR Blank	Inverse Conc
Sodium	0.999853	0.006973	-0.011967	WLR Blank	Inverse Conc
Strontium	0.999983	7.956958	-0.001216	WLR Blank	Inverse Conc
Sulfur	0.999638	0.043664	0.000153	WLR Blank	Inverse Conc
Thallium	0.999961	0.074606	-0.000300	WLR Blank	Inverse Conc
Tin	0.999921	0.131384	0.000258	WLR Blank	Inverse Conc
Vanadium	0.999869	0.093693	-0.000684	WLR Blank	Inverse Conc

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Analytical Method: ICP-AES Run Batch : LB134088

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999308	0.053033	-0.001009	WLR Blank	Inverse Conc

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