

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK12Instrument 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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHK12
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.: MBHK12Instrument ID: P5Start Date : 12/04/2024Analytical Method: ICP-AESRun Batch : LB133774

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999901	0.103020	-0.001447	WLR Blank	Inverse Conc
Antimony	0.999049	0.156558	0.000256	WLR Blank	Inverse Conc
Arsenic	0.999119	0.038603	-0.000076	WLR Blank	Inverse Conc
Barium	0.999816	4.727997	-0.003246	WLR Blank	Inverse Conc
Beryllium	0.999759	2.651855	-0.000643	WLR Blank	Inverse Conc
Boron	0.998696	0.209674	0.003680	WLR Blank	Inverse Conc
Cadmium	0.999997	1.982247	0.000524	WLR Blank	Inverse Conc
Calcium	0.999748	0.049238	0.003117	WLR Blank	Inverse Conc
Chromium	0.999820	0.156005	0.000016	WLR Blank	Inverse Conc
Cobalt	0.999969	0.608002	-0.000166	WLR Blank	Inverse Conc
Copper	0.999824	0.157789	0.001157	WLR Blank	Inverse Conc
Iron	0.999804	0.023774	0.000422	WLR Blank	Inverse Conc
Lead	0.999981	0.141913	-0.000641	WLR Blank	Inverse Conc
Lithium	0.999786	1.409629	0.064286	WLR Blank	Inverse Conc
Magnesium	0.999771	0.007193	-0.000376	WLR Blank	Inverse Conc
Manganese	0.999592	0.493009	0.000198	WLR Blank	Inverse Conc
Molybdenum	0.999847	0.768084	0.000021	WLR Blank	Inverse Conc
Nickel	0.999949	0.566770	0.000413	WLR Blank	Inverse Conc
Phosphorus	0.999251	0.033700	-0.001181	WLR Blank	Inverse Conc
Potassium	0.999841	0.024790	0.046215	WLR Blank	Inverse Conc
Selenium	0.999422	0.048290	0.000381	WLR Blank	Inverse Conc
Silicon	0.994575	0.329200	0.003248	WLR Blank	Inverse Conc
Silver	0.999563	0.252290	-0.002107	WLR Blank	Inverse Conc
Sodium	0.999933	0.005373	-0.003011	WLR Blank	Inverse Conc
Strontium	0.999683	8.419275	0.003284	WLR Blank	Inverse Conc
Sulfur	0.998907	0.030506	0.000175	WLR Blank	Inverse Conc
Thallium	0.999813	0.059623	-0.000314	WLR Blank	Inverse Conc
Tin	0.999944	0.103850	0.001374	WLR Blank	Inverse Conc
Vanadium	0.999592	0.112692	-0.000196	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.: MBHK12
Instrument ID: P5 Start Date : 12/04/2024
Analytical Method: ICP-AES Run Batch : LB133774

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999354	0.191838	-0.000163	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.: MBHK12Instrument ID: P5Start Date : 12/10/2024Analytical Method: ICP-AESRun Batch : LB133883

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999967	0.097988	-0.000376	WLR Blank	Inverse Conc
Antimony	0.998673	0.163408	0.000194	WLR Blank	Inverse Conc
Arsenic	0.999431	187.287720	0.483678	WLR Blank	Inverse Conc
Barium	0.999981	3.362920	0.060901	WLR Blank	Inverse Conc
Beryllium	0.999869	11.461841	0.002662	WLR Blank	Inverse Conc
Boron	0.999175	0.693479	0.004316	WLR Blank	Inverse Conc
Cadmium	0.999994	3.001364	0.000130	WLR Blank	Inverse Conc
Calcium	0.999918	0.048343	0.003495	WLR Blank	Inverse Conc
Chromium	0.999852	0.309519	0.000406	WLR Blank	Inverse Conc
Cobalt	0.999985	0.811374	-0.000165	WLR Blank	Inverse Conc
Copper	0.999953	0.140202	0.001465	WLR Blank	Inverse Conc
Iron	0.999691	0.018749	-0.000021	WLR Blank	Inverse Conc
Lead	0.999980	0.181807	0.000473	WLR Blank	Inverse Conc
Lithium	0.999335	0.947867	0.074011	WLR Blank	Inverse Conc
Magnesium	0.999181	0.008123	-0.000300	WLR Blank	Inverse Conc
Manganese	0.999857	0.405265	-0.000193	WLR Blank	Inverse Conc
Molybdenum	0.998999	1.242036	0.001229	WLR Blank	Inverse Conc
Nickel	0.999998	0.477276	0.000086	WLR Blank	Inverse Conc
Phosphorus	0.999781	0.055095	-0.004009	WLR Blank	Inverse Conc
Potassium	0.999927	0.019116	0.041081	WLR Blank	Inverse Conc
Selenium	0.999472	0.068510	-0.000213	WLR Blank	Inverse Conc
Silicon	0.994455	1.980091	0.028174	WLR Blank	Inverse Conc
Silver	0.999951	0.289500	0.000903	WLR Blank	Inverse Conc
Sodium	0.999994	0.006878	0.002398	WLR Blank	Inverse Conc
Strontium	0.999889	8.043023	-0.002779	WLR Blank	Inverse Conc
Sulfur	0.999673	0.037160	0.000390	WLR Blank	Inverse Conc
Thallium	0.999885	0.085246	-0.000188	WLR Blank	Inverse Conc
Tin	0.999976	0.119236	0.001501	WLR Blank	Inverse Conc
Vanadium	0.999958	0.109155	0.000079	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.: MBHK12
Instrument ID: P5 Start Date : 12/10/2024
Analytical Method: ICP-AES Run Batch : LB133883

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.998397	0.084812	-0.000670	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK12Instrument 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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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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Analytical Method: ICP-AES Run Batch : LB134069

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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