

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: \_\_\_\_\_ SDG No.: MBHD2Instrument ID: P5Start Date : 12/14/2024Analytical Method: ICP-AESRun Batch : LB133953

| Analyte    | Corr. Coeff. | Slope      | Intercept | Calib. Type | Weighting    |
|------------|--------------|------------|-----------|-------------|--------------|
| Aluminum   | 0.999928     | 0.111876   | -0.001949 | WLR Blank   | Inverse Conc |
| Antimony   | 0.997518     | 0.173410   | 0.000778  | WLR Blank   | Inverse Conc |
| Arsenic    | 0.999594     | 150.230490 | 0.214427  | WLR Blank   | Inverse Conc |
| Barium     | 0.999978     | 4.404087   | 0.024769  | WLR Blank   | Inverse Conc |
| Beryllium  | 0.999903     | 11.387123  | -0.000132 | WLR Blank   | Inverse Conc |
| Boron      | 0.999017     | 0.785560   | 0.016069  | WLR Blank   | Inverse Conc |
| Cadmium    | 0.999965     | 3.413332   | 0.000636  | WLR Blank   | Inverse Conc |
| Calcium    | 0.999990     | 0.050675   | 0.007479  | WLR Blank   | Inverse Conc |
| Chromium   | 0.999947     | 0.243392   | 0.000089  | WLR Blank   | Inverse Conc |
| Cobalt     | 0.999945     | 0.876111   | 0.000169  | WLR Blank   | Inverse Conc |
| Copper     | 0.999994     | 0.131273   | 0.001948  | WLR Blank   | Inverse Conc |
| Iron       | 0.999814     | 0.023786   | 0.000004  | WLR Blank   | Inverse Conc |
| Lead       | 0.999948     | 0.222764   | -0.000580 | WLR Blank   | Inverse Conc |
| Lithium    | 0.999975     | 1.088872   | 0.026372  | WLR Blank   | Inverse Conc |
| Magnesium  | 0.999882     | 0.013351   | -0.001431 | WLR Blank   | Inverse Conc |
| Manganese  | 0.999921     | 0.433512   | 0.000121  | WLR Blank   | Inverse Conc |
| Molybdenum | 0.997685     | 0.774663   | 0.000044  | WLR Blank   | Inverse Conc |
| Nickel     | 0.999972     | 0.575535   | 0.000091  | WLR Blank   | Inverse Conc |
| Phosphorus | 0.999706     | 0.065580   | -0.003185 | WLR Blank   | Inverse Conc |
| Potassium  | 0.999874     | 0.028637   | 0.092603  | WLR Blank   | Inverse Conc |
| Selenium   | 0.998383     | 0.071077   | -0.000237 | WLR Blank   | Inverse Conc |
| Silicon    | 0.993092     | 1.526220   | 0.081703  | WLR Blank   | Inverse Conc |
| Silver     | 0.999894     | 0.272812   | -0.002171 | WLR Blank   | Inverse Conc |
| Sodium     | 0.999983     | 0.008360   | 0.007713  | WLR Blank   | Inverse Conc |
| Strontium  | 0.999978     | 10.910375  | -0.005144 | WLR Blank   | Inverse Conc |
| Sulfur     | 0.999568     | 0.043140   | 0.000663  | WLR Blank   | Inverse Conc |
| Thallium   | 0.999930     | 0.087402   | -0.000030 | WLR Blank   | Inverse Conc |
| Tin        | 0.999928     | 0.133511   | 0.000196  | WLR Blank   | Inverse Conc |
| Vanadium   | 0.999957     | 0.113735   | -0.000133 | 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.: MBHD2  
Instrument ID: P5 Start Date : 12/14/2024  
Analytical Method: ICP-AES Run Batch : LB133953

| Analyte | Corr. Coeff. | Slope    | Intercept | Calib. Type | Weighting    |
|---------|--------------|----------|-----------|-------------|--------------|
| Zinc    | 0.998395     | 0.078976 | -0.001094 | 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.: MBHD2Instrument 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 |

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51879 MA No.:  SDG No.: MBHD2  
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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## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: \_\_\_\_\_ SDG No.: MBHD2Instrument 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 |

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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.: MBHD2  
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 |

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Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: \_\_\_\_\_ SDG No.: MBHD2Instrument 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.: MBHD2  
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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51879 MA No.:                      SDG No.: MBHD2  
Instrument ID: P5 Start Date : 12/23/2024  
Analytical Method: ICP-AES Run Batch : LB134069

| Analyte | Corr. Coeff. | Slope | Intercept | Calib. Type | Weighting |
|---------|--------------|-------|-----------|-------------|-----------|
|---------|--------------|-------|-----------|-------------|-----------|