

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: \_\_\_\_\_ SDG No.: YE8F8Instrument ID: P8Start Date : 01/24/2025Analytical Method: ICP-MSRun Batch : LB134440

| Analyte    | Corr. Coeff. | Slope    | Intercept | Calib. Type | Weighting |
|------------|--------------|----------|-----------|-------------|-----------|
| Aluminum   | 0.999921     | 0.000380 | 0.000549  | Lin. Reg    | NONE      |
| Antimony   | 0.999837     | 0.000811 | 0.000005  | Lin. Reg    | NONE      |
| Arsenic    | 0.999726     | 0.000153 | 0.000003  | Lin. Reg    | NONE      |
| Barium     | 0.999939     | 0.000359 | 0.000044  | Lin. Reg    | NONE      |
| Beryllium  | 0.999634     | 0.000703 | 0.000030  | Lin. Reg    | NONE      |
| Cadmium    | 0.999982     | 0.000200 | 0.000096  | Lin. Reg    | NONE      |
| Calcium    | 0.999992     | 0.000091 | 0.001153  | Lin. Reg    | NONE      |
| Chromium   | 0.999939     | 0.017649 | 0.004000  | Lin. Reg    | NONE      |
| Cobalt     | 0.999497     | 0.032041 | 0.000717  | Lin. Reg    | NONE      |
| Copper     | 0.998905     | 0.023284 | 0.021884  | Lin. Reg    | NONE      |
| Iron       | 0.999998     | 0.000322 | 0.000867  | Lin. Reg    | NONE      |
| Lead       | 0.999979     | 0.004613 | 0.000518  | Lin. Reg    | NONE      |
| Magnesium  | 0.999981     | 0.001281 | 0.003331  | Lin. Reg    | NONE      |
| Manganese  | 0.999396     | 0.007563 | 0.001152  | Lin. Reg    | NONE      |
| Molybdenum | 0.999948     | 0.000490 | 0.000010  | Lin. Reg    | NONE      |
| Nickel     | 0.998998     | 0.008201 | 0.007393  | Lin. Reg    | NONE      |
| Potassium  | 0.999969     | 0.000749 | 0.045115  | Lin. Reg    | NONE      |
| Selenium   | 0.999648     | 0.000009 | -0.000001 | Lin. Reg    | NONE      |
| Silver     | 0.999561     | 0.001065 | 0.000008  | Lin. Reg    | NONE      |
| Sodium     | 0.999986     | 0.002583 | 0.128910  | Lin. Reg    | NONE      |
| Strontium  | 0.999909     | 0.001855 | 0.000029  | Lin. Reg    | NONE      |
| Thallium   | 0.999996     | 0.003517 | 0.000055  | Lin. Reg    | NONE      |
| Titanium   | 0.999880     | 0.000236 | 0.000014  | Lin. Reg    | NONE      |
| Uranium    | 0.999983     | 0.004696 | 0.000005  | Lin. Reg    | NONE      |
| Vanadium   | 0.999994     | 0.013805 | 0.000076  | Lin. Reg    | NONE      |
| Zinc       | 0.999287     | 0.002509 | 0.001757  | Lin. Reg    | NONE      |

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: \_\_\_\_\_ SDG No.: YE8F8Instrument ID: P8Start Date : 01/31/2025Analytical Method: ICP-MSRun Batch : LB134543

| Analyte    | Corr. Coeff. | Slope    | Intercept | Calib. Type | Weighting |
|------------|--------------|----------|-----------|-------------|-----------|
| Aluminum   | 0.999911     | 0.000384 | 0.000411  | Lin. Reg    | NONE      |
| Antimony   | 0.999938     | 0.000812 | 0.000005  | Lin. Reg    | NONE      |
| Arsenic    | 0.999996     | 0.000155 | 0.000006  | Lin. Reg    | NONE      |
| Barium     | 0.999960     | 0.000362 | 0.000025  | Lin. Reg    | NONE      |
| Beryllium  | 0.999923     | 0.000703 | 0.000052  | Lin. Reg    | NONE      |
| Cadmium    | 0.999865     | 0.000209 | 0.000313  | Lin. Reg    | NONE      |
| Calcium    | 0.999998     | 0.000089 | 0.000856  | Lin. Reg    | NONE      |
| Chromium   | 0.999677     | 0.017903 | 0.004080  | Lin. Reg    | NONE      |
| Cobalt     | 0.999821     | 0.033243 | 0.001202  | Lin. Reg    | NONE      |
| Copper     | 0.999751     | 0.024417 | 0.021813  | Lin. Reg    | NONE      |
| Iron       | 0.999920     | 0.000336 | 0.001111  | Lin. Reg    | NONE      |
| Lead       | 0.999973     | 0.004509 | 0.000455  | Lin. Reg    | NONE      |
| Magnesium  | 0.999986     | 0.001276 | 0.008068  | Lin. Reg    | NONE      |
| Manganese  | 0.999882     | 0.007692 | 0.001735  | Lin. Reg    | NONE      |
| Molybdenum | 0.999954     | 0.000491 | 0.000020  | Lin. Reg    | NONE      |
| Nickel     | 0.999795     | 0.008561 | 0.007034  | Lin. Reg    | NONE      |
| Potassium  | 0.999984     | 0.000754 | 0.037936  | Lin. Reg    | NONE      |
| Selenium   | 0.999884     | 0.000009 | -0.000003 | Lin. Reg    | NONE      |
| Silver     | 0.999797     | 0.001065 | 0.000013  | Lin. Reg    | NONE      |
| Sodium     | 0.999992     | 0.002532 | 0.106009  | Lin. Reg    | NONE      |
| Strontium  | 0.999717     | 0.000074 | 0.000039  | Lin. Reg    | NONE      |
| Thallium   | 0.999961     | 0.003444 | 0.000071  | Lin. Reg    | NONE      |
| Titanium   | 0.999934     | 0.000238 | 0.000017  | Lin. Reg    | NONE      |
| Uranium    | 0.999910     | 0.004617 | 0.000013  | Lin. Reg    | NONE      |
| Vanadium   | 0.999971     | 0.013534 | 0.000046  | Lin. Reg    | NONE      |
| Zinc       | 0.999866     | 0.002601 | 0.002283  | Lin. Reg    | NONE      |

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51955MA No.: \_\_\_\_\_ SDG No.: YE8F8Instrument ID: P8Start Date : 02/11/2025Analytical Method: ICP-MSRun Batch : LB134674

| Analyte    | Corr. Coeff. | Slope    | Intercept | Calib. Type | Weighting |
|------------|--------------|----------|-----------|-------------|-----------|
| Aluminum   | 0.999998     | 0.000340 | 0.000613  | Lin. Reg    | NONE      |
| Antimony   | 0.999976     | 0.000801 | 0.000003  | Lin. Reg    | NONE      |
| Arsenic    | 0.999913     | 0.000172 | 0.000006  | Lin. Reg    | NONE      |
| Barium     | 0.999993     | 0.000335 | 0.000016  | Lin. Reg    | NONE      |
| Beryllium  | 0.999970     | 0.000737 | 0.000049  | Lin. Reg    | NONE      |
| Cadmium    | 0.999950     | 0.000196 | 0.000280  | Lin. Reg    | NONE      |
| Calcium    | 0.999983     | 0.000079 | 0.002796  | Lin. Reg    | NONE      |
| Chromium   | 0.999948     | 0.017779 | 0.004037  | Lin. Reg    | NONE      |
| Cobalt     | 0.999791     | 0.033374 | 0.000943  | Lin. Reg    | NONE      |
| Copper     | 0.999827     | 0.025817 | 0.018444  | Lin. Reg    | NONE      |
| Iron       | 0.999951     | 0.000322 | 0.000745  | Lin. Reg    | NONE      |
| Lead       | 0.999987     | 0.004342 | 0.000618  | Lin. Reg    | NONE      |
| Magnesium  | 0.999997     | 0.001222 | 0.022356  | Lin. Reg    | NONE      |
| Manganese  | 0.999960     | 0.007067 | 0.000889  | Lin. Reg    | NONE      |
| Molybdenum | 0.999994     | 0.000506 | 0.000007  | Lin. Reg    | NONE      |
| Nickel     | 0.999972     | 0.009296 | 0.004930  | Lin. Reg    | NONE      |
| Potassium  | 0.999977     | 0.000659 | 0.050878  | Lin. Reg    | NONE      |
| Selenium   | 0.999987     | 0.000009 | -0.000001 | Lin. Reg    | NONE      |
| Silver     | 0.999891     | 0.000989 | 0.000011  | Lin. Reg    | NONE      |
| Sodium     | 0.999964     | 0.002353 | 0.307495  | Lin. Reg    | NONE      |
| Strontium  | 0.999996     | 0.001736 | 0.000104  | Lin. Reg    | NONE      |
| Thallium   | 0.999979     | 0.003183 | 0.000070  | Lin. Reg    | NONE      |
| Titanium   | 0.999965     | 0.000236 | 0.000061  | Lin. Reg    | NONE      |
| Uranium    | 0.999950     | 0.004383 | 0.000012  | Lin. Reg    | NONE      |
| Vanadium   | 0.999989     | 0.013647 | 0.000084  | Lin. Reg    | NONE      |
| Zinc       | 0.999727     | 0.002751 | 0.001059  | Lin. Reg    | NONE      |

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51955 MA No.:                      SDG No.: YE8F8  
Instrument ID: P8 Start Date : 02/11/2025  
Analytical Method: ICP-MS Run Batch : LB134674

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