

## FORM 16-IN

## INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: ARC Sayreville MA No: SDG No.: Q3084  
 Instrument ID: P7 Start Date : 09/23/2025  
 Analytical Method: ICP-MS Run Batch : LB137284

| Analyte    | Corr. Coeff. | Slope    | Intercept | Calib. Type | Weighting |
|------------|--------------|----------|-----------|-------------|-----------|
| Aluminum   | 0.999918     | 0.000406 | 0.003639  | Lin. Reg    | NONE      |
| Antimony   | 0.999988     | 0.000734 | 0.000005  | Lin. Reg    | NONE      |
| Arsenic    | 0.999991     | 0.000118 | 0.000004  | Lin. Reg    | NONE      |
| Barium     | 0.999990     | 0.000311 | 0.000005  | Lin. Reg    | NONE      |
| Beryllium  | 0.999983     | 0.001291 | 0.000015  | Lin. Reg    | NONE      |
| Cadmium    | 0.999942     | 0.000204 | 0.000377  | Lin. Reg    | NONE      |
| Calcium    | 0.999983     | 0.000066 | 0.005453  | Lin. Reg    | NONE      |
| Chromium   | 0.999994     | 0.007768 | 0.003690  | Lin. Reg    | NONE      |
| Cobalt     | 0.999887     | 0.012011 | 0.000208  | Lin. Reg    | NONE      |
| Copper     | 0.999990     | 0.009212 | 0.004097  | Lin. Reg    | NONE      |
| Iron       | 0.999860     | 0.000172 | 0.003926  | Lin. Reg    | NONE      |
| Lead       | 0.999970     | 0.003657 | 0.000289  | Lin. Reg    | NONE      |
| Magnesium  | 0.999979     | 0.000732 | 0.001000  | Lin. Reg    | NONE      |
| Manganese  | 0.999998     | 0.006382 | 0.001874  | Lin. Reg    | NONE      |
| Molybdenum | 0.999998     | 0.000436 | 0.000024  | Lin. Reg    | NONE      |
| Nickel     | 0.999994     | 0.003101 | 0.000823  | Lin. Reg    | NONE      |
| Potassium  | 0.999968     | 0.000790 | 0.170914  | Lin. Reg    | NONE      |
| Selenium   | 0.999822     | 0.000011 | 0.000029  | Lin. Reg    | NONE      |
| Silver     | 0.999957     | 0.000997 | 0.000011  | Lin. Reg    | NONE      |
| Sodium     | 0.999944     | 0.001134 | 0.057197  | Lin. Reg    | NONE      |
| Strontium  | 0.999970     | 0.001540 | 0.000009  | Lin. Reg    | NONE      |
| Thallium   | 0.999948     | 0.002696 | 0.000091  | Lin. Reg    | NONE      |
| Titanium   | 0.999997     | 0.000209 | 0.000028  | Lin. Reg    | NONE      |
| Uranium    | 0.999943     | 0.003570 | 0.000008  | Lin. Reg    | NONE      |
| Vanadium   | 0.999990     | 0.006508 | 0.000027  | Lin. Reg    | NONE      |
| Zinc       | 0.999874     | 0.001675 | 0.007497  | Lin. Reg    | NONE      |