

FORM 15-IN  
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No.: \_\_\_\_\_ SDG No.: MBHM98  
 Instrument ID: P5 Start Date: 01/05/2025  
 Analytical Method: ICP-AES Run Batch: LB134162  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D  |
|-----------|------|--------|----|------|-------|-----|-------|-------|-----|
| Aluminum  | 0    | -0.030 | 0  | 200  | 250   | 25  | 38750 | 37000 | -5  |
| Antimony  | 0    | 0.010  | 0  | 60   | 55    | -8  | 1250  | 1100  | -12 |
| Arsenic   | 0    | 0.0    | 0  | 10   | 8.8   | -12 | 1250  | 1300  | 4   |
| Barium    | 0    | -0.010 | 0  | 200  | 210   | 5   | 2500  | 2400  | -4  |
| Beryllium | 0    | -0     | 0  | 5    | 5.6   | 12  | 125   | 130   | 4   |
| Cadmium   | 0    | 0.0    | 0  | 5    | 5.0   | 0   | 625   | 610   | -2  |
| Calcium   | 0    | -0.52  | 0  | 5000 | 5400  | 8   | 62500 | 63000 | 1   |
| Chromium  | 0    | -0     | 0  | 10   | 11    | 10  | 3875  | 3900  | 1   |
| Cobalt    | 0    | -0     | 0  | 50   | 52    | 4   | 625   | 620   | -1  |
| Copper    | 0    | -0     | 0  | 25   | 30    | 20  | 3750  | 3700  | -1  |
| Iron      | 0    | 0.0    | 0  | 100  | 89    | -11 | 37500 | 38000 | 1   |
| Lead      | 0    | -0     | 0  | 10   | 12    | 20  | 6250  | 6100  | -2  |
| Magnesium | 0    | -0.70  | 0  | 5000 | 5600  | 12  | 62500 | 63000 | 1   |
| Manganese | 0    | -0     | 0  | 15   | 15    | 0   | 3750  | 3800  | 1   |
| Nickel    | 0    | 0.0    | 0  | 40   | 40    | 0   | 625   | 610   | -2  |
| Potassium | 0    | 0.32   | 0  | 5000 | 5000  | 0   | 37500 | 36000 | -4  |
| Selenium  | 0    | 0.0    | 0  | 35   | 34    | -3  | 1250  | 1200  | -4  |
| Silver    | 0    | 0.0    | 0  | 10   | 10    | 0   | 312.5 | 300   | -4  |
| Sodium    | 0    | 2.4    | 0  | 5000 | 4000  | -20 | 37500 | 32000 | -15 |
| Thallium  | 0    | 0.0    | 0  | 25   | 24    | -4  | 1250  | 1300  | 4   |
| Vanadium  | 0    | 0.010  | 0  | 50   | 42    | -16 | 625   | 620   | -1  |
| Zinc      | 0    | 0.0    | 0  | 60   | 63    | 5   | 3750  | 3600  | -4  |

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|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 76000  | -2 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Antimony  | 2500   | 2400   | -4 | 5000   | 4800   | -4 | 10000  | 10000  | 0  |
| Arsenic   | 2500   | 2600   | 4  | 5000   | 5100   | 2  | 10000  | 9800   | -2 |
| Barium    | 5000   | 5000   | 0  | 10000  | 9900   | -1 | 20000  | 20000  | 0  |
| Beryllium | 250    | 260    | 4  | 500    | 500    | 0  | 1000   | 990    | -1 |
| Cadmium   | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Chromium  | 7750   | 7900   | 2  | 15500  | 16000  | 3  | 31000  | 31000  | 0  |
| Cobalt    | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Copper    | 7500   | 7500   | 0  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Iron      | 75000  | 77000  | 3  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Lead      | 12500  | 12000  | -4 | 25000  | 25000  | 0  | 50000  | 50000  | 0  |
| Magnesium | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Manganese | 7500   | 7600   | 1  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Nickel    | 1250   | 1200   | -4 | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Potassium | 75000  | 73000  | -3 | 150000 | 150000 | 0  | 300000 | 310000 | 3  |
| Selenium  | 2500   | 2400   | -4 | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Silver    | 625    | 620    | -1 | 1250   | 1200   | -4 | 2500   | 2500   | 0  |
| Sodium    | 75000  | 68000  | -9 | 150000 | 140000 | -7 | 300000 | 300000 | 0  |
| Thallium  | 2500   | 2500   | 0  | 5000   | 5000   | 0  | 10000  | 9900   | -1 |
| Vanadium  | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Zinc      | 7500   | 7200   | -4 | 15000  | 15000  | 0  | 30000  | 31000  | 3  |

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|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Calcium   | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Magnesium | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Sodium    | 800000 | 820000 | 3  |      |       |    |      |       |    |