

FORM 15-IN  
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51772 MA No.: \_\_\_\_\_ SDG No.: MYD0L6  
 Instrument ID: P7 Start Date: 10/29/2024  
 Analytical Method: ICP-MS Run Batch: LB133196  
 Concentration Units: ug/L

| Analyte   | True | Found | %D | True | Found | %D  | True | Found | %D  |
|-----------|------|-------|----|------|-------|-----|------|-------|-----|
| Aluminum  | 0    | 0.0   | 0  | 20   | 18    | -10 | 1000 | 1000  | 0   |
| Antimony  | 0    | 0.0   | 0  | 2    | 1.9   | -5  | 50   | 48    | -4  |
| Arsenic   | 0    | 0.0   | 0  | 1    | 0.97  | -3  | 50   | 51    | 2   |
| Barium    | 0    | 0.0   | 0  | 10   | 8.8   | -12 | 250  | 240   | -4  |
| Beryllium | 0    | 0.0   | 0  | 1    | 0.99  | -1  | 50   | 52    | 4   |
| Cadmium   | 0    | 0.0   | 0  | 1    | 1.0   | 0   | 50   | 53    | 6   |
| Calcium   | 0    | 0.0   | 0  | 500  | 500   | 0   | 5000 | 5400  | 8   |
| Chromium  | 0    | 0.0   | 0  | 2    | 2.0   | 0   | 50   | 51    | 2   |
| Cobalt    | 0    | 0.0   | 0  | 1    | 1.0   | 0   | 50   | 51    | 2   |
| Copper    | 0    | 0.0   | 0  | 2    | 1.9   | -5  | 500  | 520   | 4   |
| Iron      | 0    | 0.0   | 0  | 50   | 56    | 12  | 2500 | 2700  | 8   |
| Lead      | 0    | 0.0   | 0  | 1    | 0.81  | -19 | 250  | 230   | -8  |
| Magnesium | 0    | 0.0   | 0  | 500  | 520   | 4   | 5000 | 5000  | 0   |
| Manganese | 0    | 0.0   | 0  | 1    | 0.97  | -3  | 500  | 510   | 2   |
| Nickel    | 0    | 0.0   | 0  | 1    | 1.1   | 10  | 50   | 52    | 4   |
| Potassium | 0    | 0.0   | 0  | 500  | 500   | 0   | 2500 | 2600  | 4   |
| Selenium  | 0    | 0.0   | 0  | 5    | 5.1   | 2   | 50   | 52    | 4   |
| Silver    | 0    | 0.0   | 0  | 1    | 0.87  | -13 | 50   | 50    | 0   |
| Sodium    | 0    | 0.0   | 0  | 500  | 500   | 0   | 5000 | 5100  | 2   |
| Thallium  | 0    | 0.0   | 0  | 1    | 0.83  | -17 | 50   | 44    | -12 |
| Vanadium  | 0    | 0.0   | 0  | 5    | 4.9   | -2  | 50   | 51    | 2   |
| Zinc      | 0    | 0.0   | 0  | 5    | 4.5   | -10 | 500  | 500   | 0   |

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 Instrument ID: P7 Start Date: 10/29/2024  
 Analytical Method: ICP-MS Run Batch: LB133196  
 Concentration Units: ug/L

| Analyte   | True  | Found | %D  | True  | Found | %D | True  | Found | %D |
|-----------|-------|-------|-----|-------|-------|----|-------|-------|----|
| Aluminum  | 2500  | 2500  | 0   | 5000  | 5000  | 0  | 10000 | 9700  | -3 |
| Antimony  | 125   | 120   | -4  | 250   | 240   | -4 | 500   | 520   | 4  |
| Arsenic   | 125   | 120   | -4  | 250   | 250   | 0  | 500   | 500   | 0  |
| Barium    | 625   | 590   | -6  | 1250  | 1300  | 4  | 2500  | 2500  | 0  |
| Beryllium | 125   | 130   | 4   | 250   | 260   | 4  | 500   | 500   | 0  |
| Cadmium   | 125   | 130   | 4   | 250   | 260   | 4  | 500   | 520   | 4  |
| Calcium   | 12500 | 13000 | 4   | 25000 | 26000 | 4  | 50000 | 55000 | 10 |
| Chromium  | 125   | 130   | 4   | 250   | 250   | 0  | 500   | 500   | 0  |
| Cobalt    | 125   | 130   | 4   | 250   | 250   | 0  | 500   | 500   | 0  |
| Copper    | 1250  | 1300  | 4   | 2500  | 2500  | 0  | 5000  | 5000  | 0  |
| Iron      | 6250  | 6800  | 9   | 12500 | 13000 | 4  | 25000 | 26000 | 4  |
| Lead      | 625   | 620   | -1  | 1250  | 1200  | -4 | 2500  | 2500  | 0  |
| Magnesium | 12500 | 12000 | -4  | 25000 | 25000 | 0  | 50000 | 50000 | 0  |
| Manganese | 1250  | 1300  | 4   | 2500  | 2500  | 0  | 5000  | 5000  | 0  |
| Nickel    | 125   | 130   | 4   | 250   | 260   | 4  | 500   | 510   | 2  |
| Potassium | 6250  | 6200  | -1  | 12500 | 12000 | -4 | 25000 | 25000 | 0  |
| Selenium  | 125   | 130   | 4   | 250   | 250   | 0  | 500   | 510   | 2  |
| Silver    | 125   | 120   | -4  | 250   | 260   | 4  | 500   | 510   | 2  |
| Sodium    | 12500 | 13000 | 4   | 25000 | 25000 | 0  | 50000 | 50000 | 0  |
| Thallium  | 125   | 110   | -12 | 250   | 250   | 0  | 500   | 510   | 2  |
| Vanadium  | 125   | 130   | 4   | 250   | 250   | 0  | 500   | 500   | 0  |
| Zinc      | 1250  | 1300  | 4   | 2500  | 2500  | 0  | 5000  | 5000  | 0  |

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 Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True | Found | %D |
|-----------|--------|--------|----|--------|--------|----|------|-------|----|
| Aluminum  | 20000  | 20000  | 0  | 100000 | 100000 | 0  |      |       |    |
| Antimony  | 1000   | 990    | -1 |        |        |    |      |       |    |
| Arsenic   | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Barium    | 5000   | 5000   | 0  |        |        |    |      |       |    |
| Beryllium | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Cadmium   | 1000   | 990    | -1 |        |        |    |      |       |    |
| Calcium   | 100000 | 110000 | 10 | 500000 | 500000 | 0  |      |       |    |
| Chromium  | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Cobalt    | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Copper    | 10000  | 10000  | 0  |        |        |    |      |       |    |
| Iron      | 50000  | 51000  | 2  | 250000 | 250000 | 0  |      |       |    |
| Lead      | 5000   | 5000   | 0  |        |        |    |      |       |    |
| Magnesium | 100000 | 99000  | -1 | 500000 | 500000 | 0  |      |       |    |
| Manganese | 10000  | 10000  | 0  |        |        |    |      |       |    |
| Nickel    | 1000   | 990    | -1 |        |        |    |      |       |    |
| Potassium | 50000  | 49000  | -2 | 250000 | 250000 | 0  |      |       |    |
| Selenium  | 1000   | 990    | -1 |        |        |    |      |       |    |
| Silver    | 1000   | 990    | -1 |        |        |    |      |       |    |
| Sodium    | 100000 | 100000 | 0  | 500000 | 500000 | 0  |      |       |    |
| Thallium  | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Vanadium  | 1000   | 1000   | 0  |        |        |    |      |       |    |
| Zinc      | 10000  | 10000  | 0  |        |        |    |      |       |    |