

FORM 15-IN  
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51817 MA No.: \_\_\_\_\_ SDG No.: MYE5B3  
 Instrument ID: P5 Start Date: 11/09/2024  
 Analytical Method: ICP-AES Run Batch: LB133379  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D  |
|-----------|------|--------|----|------|-------|-----|-------|-------|-----|
| Aluminum  | 0    | -0     | 0  | 200  | 210   | 5   | 38750 | 38000 | -2  |
| Antimony  | 0    | 0.010  | 0  | 60   | 58    | -3  | 1250  | 1100  | -12 |
| Arsenic   | 0    | 0.0    | 0  | 10   | 11    | 10  | 1250  | 1200  | -4  |
| Barium    | 0    | -0.010 | 0  | 200  | 210   | 5   | 2500  | 2500  | 0   |
| Beryllium | 0    | -0     | 0  | 5    | 5.3   | 6   | 125   | 130   | 4   |
| Cadmium   | 0    | -0     | 0  | 5    | 5.3   | 6   | 625   | 630   | 1   |
| Calcium   | 0    | -0.74  | 0  | 5000 | 5400  | 8   | 62500 | 64000 | 2   |
| Chromium  | 0    | -0     | 0  | 10   | 13    | 30  | 3875  | 4100  | 6   |
| Cobalt    | 0    | -0     | 0  | 50   | 50    | 0   | 625   | 620   | -1  |
| Copper    | 0    | 0.0    | 0  | 25   | 24    | -4  | 3750  | 3800  | 1   |
| Iron      | 0    | -0.010 | 0  | 100  | 96    | -4  | 37500 | 40000 | 7   |
| Lead      | 0    | 0.0    | 0  | 10   | 7.8   | -22 | 6250  | 6200  | -1  |
| Magnesium | 0    | 0.24   | 0  | 5000 | 5200  | 4   | 62500 | 59000 | -6  |
| Manganese | 0    | -0     | 0  | 15   | 18    | 20  | 3750  | 3900  | 4   |
| Nickel    | 0    | -0     | 0  | 40   | 42    | 5   | 625   | 640   | 2   |
| Potassium | 0    | 0.51   | 0  | 5000 | 4700  | -6  | 37500 | 36000 | -4  |
| Selenium  | 0    | 0.010  | 0  | 35   | 29    | -17 | 1250  | 1200  | -4  |
| Silver    | 0    | -0     | 0  | 10   | 11    | 10  | 312.5 | 310   | -1  |
| Sodium    | 0    | 0.10   | 0  | 5000 | 5000  | 0   | 37500 | 37000 | -1  |
| Thallium  | 0    | -0     | 0  | 25   | 24    | -4  | 1250  | 1300  | 4   |
| Vanadium  | 0    | -0.010 | 0  | 50   | 61    | 22  | 625   | 630   | 1   |
| Zinc      | 0    | 0.0    | 0  | 60   | 61    | 2   | 3750  | 3600  | -4  |

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 Instrument ID: P5 Start Date: 11/09/2024  
 Analytical Method: ICP-AES Run Batch: LB133379  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 79000  | 2  | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Antimony  | 2500   | 2400   | -4 | 5000   | 4700   | -6 | 10000  | 10000  | 0  |
| Arsenic   | 2500   | 2500   | 0  | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Barium    | 5000   | 5200   | 4  | 10000  | 10000  | 0  | 20000  | 20000  | 0  |
| Beryllium | 250    | 260    | 4  | 500    | 490    | -2 | 1000   | 990    | -1 |
| Cadmium   | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 4900   | -2 |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Chromium  | 7750   | 8200   | 6  | 15500  | 15000  | -3 | 31000  | 30000  | -3 |
| Cobalt    | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Copper    | 7500   | 7700   | 3  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Iron      | 75000  | 82000  | 9  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Lead      | 12500  | 13000  | 4  | 25000  | 25000  | 0  | 50000  | 50000  | 0  |
| Magnesium | 125000 | 120000 | -4 | 250000 | 240000 | -4 | 500000 | 500000 | 0  |
| Manganese | 7500   | 7900   | 5  | 15000  | 15000  | 0  | 30000  | 29000  | -3 |
| Nickel    | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Potassium | 75000  | 75000  | 0  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Selenium  | 2500   | 2500   | 0  | 5000   | 4800   | -4 | 10000  | 10000  | 0  |
| Silver    | 625    | 630    | 1  | 1250   | 1200   | -4 | 2500   | 2500   | 0  |
| Sodium    | 75000  | 76000  | 1  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Thallium  | 2500   | 2700   | 8  | 5000   | 5000   | 0  | 10000  | 9800   | -2 |
| Vanadium  | 1250   | 1300   | 4  | 2500   | 2500   | 0  | 5000   | 4900   | -2 |
| Zinc      | 7500   | 7400   | -1 | 15000  | 14000  | -7 | 30000  | 31000  | 3  |

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Lab Code: ACE Case No.: 51817 MA No.:                      SDG No.: MYE5B3  
Instrument ID: P5 Start Date: 11/09/2024  
Analytical Method: ICP-AES Run Batch: LB133379  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Calcium   | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Iron      | 800000 | 780000 | -3 |      |       |    |      |       |    |
| Magnesium | 800000 | 820000 | 3  |      |       |    |      |       |    |
| Sodium    | 800000 | 800000 | 0  |      |       |    |      |       |    |

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 Lab Code: ACE Case No.: 51817 MA No.: \_\_\_\_\_ SDG No.: MYE5B3  
 Instrument ID: P5 Start Date: 11/12/2024  
 Analytical Method: ICP-AES Run Batch: LB133417  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D  |
|-----------|------|--------|----|------|-------|-----|-------|-------|-----|
| Aluminum  | 0    | 0.020  | 0  | 200  | 190   | -5  | 38750 | 36000 | -7  |
| Antimony  | 0    | 0.020  | 0  | 60   | 54    | -10 | 1250  | 1000  | -20 |
| Arsenic   | 0    | -0     | 0  | 10   | 13    | 30  | 1250  | 1100  | -12 |
| Barium    | 0    | -0.010 | 0  | 200  | 210   | 5   | 2500  | 2400  | -4  |
| Beryllium | 0    | -0     | 0  | 5    | 5.4   | 8   | 125   | 120   | -4  |
| Cadmium   | 0    | -0     | 0  | 5    | 5.3   | 6   | 625   | 610   | -2  |
| Calcium   | 0    | -0.61  | 0  | 5000 | 5500  | 10  | 62500 | 62000 | -1  |
| Chromium  | 0    | -0     | 0  | 10   | 11    | 10  | 3875  | 4000  | 3   |
| Cobalt    | 0    | 0.0    | 0  | 50   | 51    | 2   | 625   | 590   | -6  |
| Copper    | 0    | 0.010  | 0  | 25   | 20    | -20 | 3750  | 3600  | -4  |
| Iron      | 0    | -0.030 | 0  | 100  | 120   | 20  | 37500 | 39000 | 4   |
| Lead      | 0    | 0.0    | 0  | 10   | 10    | 0   | 6250  | 6000  | -4  |
| Magnesium | 0    | 0.15   | 0  | 5000 | 5200  | 4   | 62500 | 58000 | -7  |
| Manganese | 0    | -0     | 0  | 15   | 17    | 13  | 3750  | 3700  | -1  |
| Nickel    | 0    | -0     | 0  | 40   | 43    | 8   | 625   | 600   | -4  |
| Potassium | 0    | 0.77   | 0  | 5000 | 4800  | -4  | 37500 | 34000 | -9  |
| Selenium  | 0    | 0.010  | 0  | 35   | 35    | 0   | 1250  | 1100  | -12 |
| Silver    | 0    | 0.0    | 0  | 10   | 11    | 10  | 312.5 | 300   | -4  |
| Sodium    | 0    | -0.37  | 0  | 5000 | 5500  | 10  | 37500 | 36000 | -4  |
| Thallium  | 0    | -0     | 0  | 25   | 26    | 4   | 1250  | 1200  | -4  |
| Vanadium  | 0    | -0.010 | 0  | 50   | 61    | 22  | 625   | 610   | -2  |
| Zinc      | 0    | 0.010  | 0  | 60   | 56    | -7  | 3750  | 3400  | -9  |

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 Instrument ID: P5 Start Date: 11/12/2024  
 Analytical Method: ICP-AES Run Batch: LB133417  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D  | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|-----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 75000  | -3  | 155000 | 160000 | 3  | 310000 | 320000 | 3  |
| Antimony  | 2500   | 2200   | -12 | 5000   | 4700   | -6 | 10000  | 11000  | 10 |
| Arsenic   | 2500   | 2300   | -8  | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Barium    | 5000   | 4900   | -2  | 10000  | 10000  | 0  | 20000  | 20000  | 0  |
| Beryllium | 250    | 250    | 0   | 500    | 510    | 2  | 1000   | 1000   | 0  |
| Cadmium   | 1250   | 1200   | -4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Calcium   | 125000 | 130000 | 4   | 250000 | 260000 | 4  | 500000 | 510000 | 2  |
| Chromium  | 7750   | 7700   | -1  | 15500  | 16000  | 3  | 31000  | 31000  | 0  |
| Cobalt    | 1250   | 1200   | -4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Copper    | 7500   | 7300   | -3  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Iron      | 75000  | 79000  | 5   | 150000 | 160000 | 7  | 300000 | 310000 | 3  |
| Lead      | 12500  | 12000  | -4  | 25000  | 25000  | 0  | 50000  | 50000  | 0  |
| Magnesium | 125000 | 120000 | -4  | 250000 | 250000 | 0  | 500000 | 510000 | 2  |
| Manganese | 7500   | 7600   | 1   | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Nickel    | 1250   | 1200   | -4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Potassium | 75000  | 71000  | -5  | 150000 | 150000 | 0  | 300000 | 310000 | 3  |
| Selenium  | 2500   | 2200   | -12 | 5000   | 4800   | -4 | 10000  | 11000  | 10 |
| Silver    | 625    | 590    | -6  | 1250   | 1200   | -4 | 2500   | 2600   | 4  |
| Sodium    | 75000  | 74000  | -1  | 150000 | 150000 | 0  | 300000 | 310000 | 3  |
| Thallium  | 2500   | 2500   | 0   | 5000   | 5100   | 2  | 10000  | 9900   | -1 |
| Vanadium  | 1250   | 1200   | -4  | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Zinc      | 7500   | 6800   | -9  | 15000  | 14000  | -7 | 30000  | 32000  | 7  |

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Analytical Method: ICP-AES Run Batch: LB133417  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Calcium   | 800000 | 780000 | -3 |      |       |    |      |       |    |
| Iron      | 800000 | 780000 | -3 |      |       |    |      |       |    |
| Magnesium | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Sodium    | 800000 | 790000 | -1 |      |       |    |      |       |    |