

FORM 15-IN  
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51955 MA No.: \_\_\_\_\_ SDG No.: YE8F7  
 Instrument ID: P4 Start Date: 03/04/2025  
 Analytical Method: ICP-AES Run Batch: LB134905  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D  |
|-----------|------|--------|----|------|-------|-----|-------|-------|-----|
| Aluminum  | 0    | 0.080  | 0  | 200  | 170   | -15 | 38750 | 34000 | -12 |
| Antimony  | 0    | 0.010  | 0  | 60   | 56    | -7  | 1250  | 1100  | -12 |
| Arsenic   | 0    | 0.0    | 0  | 10   | 9.9   | -1  | 1250  | 1100  | -12 |
| Barium    | 0    | 0.040  | 0  | 200  | 180   | -10 | 2500  | 2400  | -4  |
| Beryllium | 0    | -0     | 0  | 5    | 5.4   | 8   | 125   | 130   | 4   |
| Cadmium   | 0    | -0     | 0  | 5    | 5.0   | 0   | 625   | 630   | 1   |
| Calcium   | 0    | 0.80   | 0  | 5000 | 4600  | -8  | 62500 | 59000 | -6  |
| Chromium  | 0    | -0     | 0  | 10   | 11    | 10  | 3875  | 4100  | 6   |
| Cobalt    | 0    | -0     | 0  | 50   | 50    | 0   | 625   | 630   | 1   |
| Copper    | 0    | -0.010 | 0  | 25   | 31    | 24  | 3750  | 3700  | -1  |
| Iron      | 0    | 0.0    | 0  | 100  | 100   | 0   | 37500 | 37000 | -1  |
| Lead      | 0    | 0.0    | 0  | 10   | 9.5   | -5  | 6250  | 6300  | 1   |
| Magnesium | 0    | 1.7    | 0  | 5000 | 4200  | -16 | 62500 | 56000 | -10 |
| Manganese | 0    | 0.0    | 0  | 15   | 15    | 0   | 3750  | 3700  | -1  |
| Nickel    | 0    | -0     | 0  | 40   | 40    | 0   | 625   | 630   | 1   |
| Potassium | 0    | 1.5    | 0  | 5000 | 4300  | -14 | 37500 | 33000 | -12 |
| Selenium  | 0    | 0.010  | 0  | 35   | 32    | -9  | 1250  | 1200  | -4  |
| Silver    | 0    | 0.0    | 0  | 10   | 9.1   | -9  | 312.5 | 300   | -4  |
| Sodium    | 0    | 0.33   | 0  | 5000 | 5000  | 0   | 37500 | 37000 | -1  |
| Thallium  | 0    | -0     | 0  | 25   | 27    | 8   | 1250  | 1300  | 4   |
| Vanadium  | 0    | -0     | 0  | 50   | 50    | 0   | 625   | 640   | 2   |
| Zinc      | 0    | 0.010  | 0  | 60   | 57    | -5  | 3750  | 3600  | -4  |

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 Instrument ID: P4 Start Date: 03/04/2025  
 Analytical Method: ICP-AES Run Batch: LB134905  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D  | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|-----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 69000  | -11 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Antimony  | 2500   | 2300   | -8  | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Arsenic   | 2500   | 2300   | -8  | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Barium    | 5000   | 4800   | -4  | 10000  | 9900   | -1 | 20000  | 20000  | 0  |
| Beryllium | 250    | 260    | 4   | 500    | 500    | 0  | 1000   | 980    | -2 |
| Cadmium   | 1250   | 1300   | 4   | 2500   | 2500   | 0  | 5000   | 4900   | -2 |
| Calcium   | 125000 | 120000 | -4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Chromium  | 7750   | 8000   | 3   | 15500  | 16000  | 3  | 31000  | 30000  | -3 |
| Cobalt    | 1250   | 1300   | 4   | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Copper    | 7500   | 7400   | -1  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Iron      | 75000  | 73000  | -3  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Lead      | 12500  | 13000  | 4   | 25000  | 25000  | 0  | 50000  | 50000  | 0  |
| Magnesium | 125000 | 110000 | -12 | 250000 | 240000 | -4 | 500000 | 500000 | 0  |
| Manganese | 7500   | 7400   | -1  | 15000  | 15000  | 0  | 30000  | 30000  | 0  |
| Nickel    | 1250   | 1300   | 4   | 2500   | 2500   | 0  | 5000   | 5000   | 0  |
| Potassium | 75000  | 69000  | -8  | 150000 | 150000 | 0  | 300000 | 310000 | 3  |
| Selenium  | 2500   | 2400   | -4  | 5000   | 4900   | -2 | 10000  | 10000  | 0  |
| Silver    | 625    | 600    | -4  | 1250   | 1200   | -4 | 2500   | 2600   | 4  |
| Sodium    | 75000  | 74000  | -1  | 150000 | 150000 | 0  | 300000 | 290000 | -3 |
| Thallium  | 2500   | 2600   | 4   | 5000   | 5100   | 2  | 10000  | 9700   | -3 |
| Vanadium  | 1250   | 1300   | 4   | 2500   | 2500   | 0  | 5000   | 4900   | -2 |
| Zinc      | 7500   | 7200   | -4  | 15000  | 15000  | 0  | 30000  | 31000  | 3  |

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 Instrument ID: P4 Start Date: 03/04/2025  
 Analytical Method: ICP-AES Run Batch: LB134905  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 820000 | 3  |      |       |    |      |       |    |
| Antimony  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Arsenic   | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Barium    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Beryllium | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Cadmium   | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Calcium   | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Chromium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Cobalt    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Copper    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Lead      | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Magnesium | 800000 | 830000 | 4  |      |       |    |      |       |    |
| Manganese | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Nickel    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Potassium | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Selenium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Silver    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Sodium    | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Thallium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Vanadium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Zinc      | 0      | 0.0    | 0  |      |       |    |      |       |    |

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 Lab Code: ACE Case No.: 51955 MA No.: \_\_\_\_\_ SDG No.: YE8F7  
 Instrument ID: P4 Start Date: 03/05/2025  
 Analytical Method: ICP-AES Run Batch: LB134916  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D  |
|-----------|------|--------|----|------|-------|-----|-------|-------|-----|
| Aluminum  | 0    | 0.10   | 0  | 200  | 160   | -20 | 38750 | 34000 | -12 |
| Antimony  | 0    | 0.010  | 0  | 60   | 55    | -8  | 1250  | 1100  | -12 |
| Arsenic   | 0    | 0.0    | 0  | 10   | 11    | 10  | 1250  | 1100  | -12 |
| Barium    | 0    | 0.040  | 0  | 200  | 180   | -10 | 2500  | 2400  | -4  |
| Beryllium | 0    | -0     | 0  | 5    | 5.2   | 4   | 125   | 130   | 4   |
| Cadmium   | 0    | -0     | 0  | 5    | 4.9   | -2  | 625   | 640   | 2   |
| Calcium   | 0    | 0.96   | 0  | 5000 | 4500  | -10 | 62500 | 60000 | -4  |
| Chromium  | 0    | -0     | 0  | 10   | 11    | 10  | 3875  | 4100  | 6   |
| Cobalt    | 0    | -0     | 0  | 50   | 49    | -2  | 625   | 630   | 1   |
| Copper    | 0    | -0     | 0  | 25   | 29    | 16  | 3750  | 3800  | 1   |
| Iron      | 0    | 0.010  | 0  | 100  | 94    | -6  | 37500 | 37000 | -1  |
| Lead      | 0    | -0     | 0  | 10   | 11    | 10  | 6250  | 6300  | 1   |
| Magnesium | 0    | 1.9    | 0  | 5000 | 4100  | -18 | 62500 | 57000 | -9  |
| Manganese | 0    | 0.0    | 0  | 15   | 14    | -7  | 3750  | 3700  | -1  |
| Nickel    | 0    | -0     | 0  | 40   | 40    | 0   | 625   | 640   | 2   |
| Potassium | 0    | 1.7    | 0  | 5000 | 4000  | -20 | 37500 | 34000 | -9  |
| Selenium  | 0    | 0.010  | 0  | 35   | 32    | -9  | 1250  | 1200  | -4  |
| Silver    | 0    | 0.0    | 0  | 10   | 9.5   | -5  | 312.5 | 300   | -4  |
| Sodium    | 0    | 0.46   | 0  | 5000 | 5000  | 0   | 37500 | 36000 | -4  |
| Thallium  | 0    | -0.010 | 0  | 25   | 29    | 16  | 1250  | 1300  | 4   |
| Vanadium  | 0    | -0     | 0  | 50   | 51    | 2   | 625   | 640   | 2   |
| Zinc      | 0    | 0.010  | 0  | 60   | 53    | -12 | 3750  | 3600  | -4  |

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 Analytical Method: ICP-AES Run Batch: LB134916  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D  | True   | Found  | %D  | True   | Found  | %D |
|-----------|--------|--------|-----|--------|--------|-----|--------|--------|----|
| Aluminum  | 77500  | 69000  | -11 | 155000 | 140000 | -10 | 310000 | 300000 | -3 |
| Antimony  | 2500   | 2300   | -8  | 5000   | 4800   | -4  | 10000  | 11000  | 10 |
| Arsenic   | 2500   | 2300   | -8  | 5000   | 4800   | -4  | 10000  | 10000  | 0  |
| Barium    | 5000   | 4900   | -2  | 10000  | 9800   | -2  | 20000  | 20000  | 0  |
| Beryllium | 250    | 260    | 4   | 500    | 500    | 0   | 1000   | 980    | -2 |
| Cadmium   | 1250   | 1300   | 4   | 2500   | 2500   | 0   | 5000   | 5000   | 0  |
| Calcium   | 125000 | 120000 | -4  | 250000 | 240000 | -4  | 500000 | 490000 | -2 |
| Chromium  | 7750   | 8100   | 5   | 15500  | 16000  | 3   | 31000  | 30000  | -3 |
| Cobalt    | 1250   | 1300   | 4   | 2500   | 2500   | 0   | 5000   | 5000   | 0  |
| Copper    | 7500   | 7600   | 1   | 15000  | 15000  | 0   | 30000  | 30000  | 0  |
| Iron      | 75000  | 74000  | -1  | 150000 | 140000 | -7  | 300000 | 300000 | 0  |
| Lead      | 12500  | 13000  | 4   | 25000  | 25000  | 0   | 50000  | 50000  | 0  |
| Magnesium | 125000 | 120000 | -4  | 250000 | 230000 | -8  | 500000 | 490000 | -2 |
| Manganese | 7500   | 7500   | 0   | 15000  | 15000  | 0   | 30000  | 30000  | 0  |
| Nickel    | 1250   | 1300   | 4   | 2500   | 2500   | 0   | 5000   | 5000   | 0  |
| Potassium | 75000  | 70000  | -7  | 150000 | 140000 | -7  | 300000 | 310000 | 3  |
| Selenium  | 2500   | 2400   | -4  | 5000   | 4800   | -4  | 10000  | 10000  | 0  |
| Silver    | 625    | 610    | -2  | 1250   | 1200   | -4  | 2500   | 2600   | 4  |
| Sodium    | 75000  | 74000  | -1  | 150000 | 150000 | 0   | 300000 | 290000 | -3 |
| Thallium  | 2500   | 2600   | 4   | 5000   | 5000   | 0   | 10000  | 9900   | -1 |
| Vanadium  | 1250   | 1300   | 4   | 2500   | 2500   | 0   | 5000   | 4900   | -2 |
| Zinc      | 7500   | 7400   | -1  | 15000  | 15000  | 0   | 30000  | 31000  | 3  |

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 Analytical Method: ICP-AES Run Batch: LB134916  
 Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 840000 | 5  |      |       |    |      |       |    |
| Antimony  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Arsenic   | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Barium    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Beryllium | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Cadmium   | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Calcium   | 800000 | 820000 | 3  |      |       |    |      |       |    |
| Chromium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Cobalt    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Copper    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Lead      | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Magnesium | 800000 | 840000 | 5  |      |       |    |      |       |    |
| Manganese | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Nickel    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Potassium | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Selenium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Silver    | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Sodium    | 800000 | 820000 | 3  |      |       |    |      |       |    |
| Thallium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Vanadium  | 0      | 0.0    | 0  |      |       |    |      |       |    |
| Zinc      | 0      | 0.0    | 0  |      |       |    |      |       |    |