

FORM 15-IN  
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51847 MA No.:                      SDG No.: ME28M0  
Instrument ID: P5 Start Date: 12/11/2024  
Analytical Method: ICP-AES Run Batch: LB133902  
Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D | True  | Found | %D |
|-----------|------|--------|----|------|-------|----|-------|-------|----|
| Aluminum  | 0    | -0     | 0  | 200  | 220   | 10 | 38750 | 38000 | -2 |
| Calcium   | 0    | -0.44  | 0  | 5000 | 5200  | 4  | 62500 | 65000 | 4  |
| Iron      | 0    | -0.040 | 0  | 100  | 120   | 20 | 37500 | 40000 | 7  |
| Magnesium | 0    | -0.78  | 0  | 5000 | 5200  | 4  | 62500 | 66000 | 6  |
| Potassium | 0    | 0.55   | 0  | 5000 | 4700  | -6 | 37500 | 36000 | -4 |
| Sodium    | 0    | -0.29  | 0  | 5000 | 5400  | 8  | 37500 | 38000 | 1  |

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Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 75000  | -3 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Iron      | 75000  | 78000  | 4  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Magnesium | 125000 | 130000 | 4  | 250000 | 260000 | 4  | 500000 | 510000 | 2  |
| Potassium | 75000  | 73000  | -3 | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Sodium    | 75000  | 74000  | -1 | 150000 | 150000 | 0  | 300000 | 300000 | 0  |

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Analytical Method: ICP-AES Run Batch: LB133902  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Calcium   | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Magnesium | 800000 | 770000 | -4 |      |       |    |      |       |    |
| Sodium    | 800000 | 800000 | 0  |      |       |    |      |       |    |

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 Instrument ID: P5 Start Date: 12/12/2024  
 Analytical Method: ICP-AES Run Batch: LB133932  
 Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D |
|-----------|------|--------|----|------|-------|-----|-------|-------|----|
| Aluminum  | 0    | -0.010 | 0  | 200  | 220   | 10  | 38750 | 38000 | -2 |
| Calcium   | 0    | -0.25  | 0  | 5000 | 5000  | 0   | 62500 | 64000 | 2  |
| Iron      | 0    | 0.0    | 0  | 100  | 84    | -16 | 37500 | 39000 | 4  |
| Magnesium | 0    | -0.64  | 0  | 5000 | 5000  | 0   | 62500 | 66000 | 6  |
| Potassium | 0    | 0.13   | 0  | 5000 | 5000  | 0   | 37500 | 37000 | -1 |
| Sodium    | 0    | 0.29   | 0  | 5000 | 4800  | -4  | 37500 | 37000 | -1 |

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Analytical Method: ICP-AES Run Batch: LB133932  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 76000  | -2 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 490000 | -2 |
| Iron      | 75000  | 78000  | 4  | 150000 | 160000 | 7  | 300000 | 300000 | 0  |
| Magnesium | 125000 | 130000 | 4  | 250000 | 260000 | 4  | 500000 | 510000 | 2  |
| Potassium | 75000  | 74000  | -1 | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Sodium    | 75000  | 75000  | 0  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |

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Instrument ID: P5 Start Date: 12/12/2024  
Analytical Method: ICP-AES Run Batch: LB133932  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Calcium   | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Magnesium | 800000 | 770000 | -4 |      |       |    |      |       |    |
| Sodium    | 800000 | 800000 | 0  |      |       |    |      |       |    |

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Instrument ID: P5 Start Date: 12/15/2024  
Analytical Method: ICP-AES Run Batch: LB133959  
Concentration Units: ug/L

| Analyte   | True | Found | %D | True | Found | %D  | True  | Found | %D |
|-----------|------|-------|----|------|-------|-----|-------|-------|----|
| Aluminum  | 0    | 0.020 | 0  | 200  | 180   | -10 | 38750 | 39000 | 1  |
| Calcium   | 0    | -0.12 | 0  | 5000 | 5000  | 0   | 62500 | 63000 | 1  |
| Iron      | 0    | 0.010 | 0  | 100  | 78    | -22 | 37500 | 39000 | 4  |
| Magnesium | 0    | -0.57 | 0  | 5000 | 5200  | 4   | 62500 | 65000 | 4  |
| Potassium | 0    | 0.20  | 0  | 5000 | 5000  | 0   | 37500 | 37000 | -1 |
| Sodium    | 0    | -0.22 | 0  | 5000 | 4900  | -2  | 37500 | 39000 | 4  |

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Instrument ID: P5 Start Date: 12/15/2024  
Analytical Method: ICP-AES Run Batch: LB133959  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 77000  | -1 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Iron      | 75000  | 78000  | 4  | 150000 | 160000 | 7  | 300000 | 310000 | 3  |
| Magnesium | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Potassium | 75000  | 74000  | -1 | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Sodium    | 75000  | 76000  | 1  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |

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Instrument ID: P5 Start Date: 12/15/2024  
Analytical Method: ICP-AES Run Batch: LB133959  
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 | 790000 | -1 |      |       |    |      |       |    |
| Sodium    | 800000 | 800000 | 0  |      |       |    |      |       |    |

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Instrument ID: P5 Start Date: 12/20/2024  
Analytical Method: ICP-AES Run Batch: LB134057  
Concentration Units: ug/L

| Analyte   | True | Found  | %D | True | Found | %D  | True  | Found | %D |
|-----------|------|--------|----|------|-------|-----|-------|-------|----|
| Aluminum  | 0    | 0.020  | 0  | 200  | 190   | -5  | 38750 | 38000 | -2 |
| Calcium   | 0    | -0.090 | 0  | 5000 | 5000  | 0   | 62500 | 63000 | 1  |
| Iron      | 0    | -0.010 | 0  | 100  | 100   | 0   | 37500 | 39000 | 4  |
| Magnesium | 0    | -0.27  | 0  | 5000 | 5200  | 4   | 62500 | 63000 | 1  |
| Potassium | 0    | 0.48   | 0  | 5000 | 4800  | -4  | 37500 | 36000 | -4 |
| Sodium    | 0    | 0.91   | 0  | 5000 | 4500  | -10 | 37500 | 36000 | -4 |

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Analytical Method: ICP-AES Run Batch: LB134057  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True   | Found  | %D | True   | Found  | %D |
|-----------|--------|--------|----|--------|--------|----|--------|--------|----|
| Aluminum  | 77500  | 76000  | -2 | 155000 | 150000 | -3 | 310000 | 310000 | 0  |
| Calcium   | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Iron      | 75000  | 77000  | 3  | 150000 | 150000 | 0  | 300000 | 300000 | 0  |
| Magnesium | 125000 | 130000 | 4  | 250000 | 250000 | 0  | 500000 | 500000 | 0  |
| Potassium | 75000  | 73000  | -3 | 150000 | 150000 | 0  | 300000 | 310000 | 3  |
| Sodium    | 75000  | 73000  | -3 | 150000 | 150000 | 0  | 300000 | 300000 | 0  |

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Analytical Method: ICP-AES Run Batch: LB134057  
Concentration Units: ug/L

| Analyte   | True   | Found  | %D | True | Found | %D | True | Found | %D |
|-----------|--------|--------|----|------|-------|----|------|-------|----|
| Aluminum  | 800000 | 810000 | 1  |      |       |    |      |       |    |
| Calcium   | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Iron      | 800000 | 790000 | -1 |      |       |    |      |       |    |
| Magnesium | 800000 | 800000 | 0  |      |       |    |      |       |    |
| Sodium    | 800000 | 810000 | 1  |      |       |    |      |       |    |