

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHKK8Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134116 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |     |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|-----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID: ICV004                       |       |     |      | ID: CCV033                          |        |     |      | ID: CCV034 |     |      |
| Analyte   | True                             | Found | %R  | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  | 2500                             | 2400  | 96  | 1    | 400000                              | 400000 | 100 | 1    | 400000     | 100 | 0    |
| Antimony  | 1000                             | 960   | 96  | 0    | 5000                                | 4900   | 99  | 0    | 4900       | 98  | 0    |
| Arsenic   | 1000                             | 1100  | 110 | 1    | 5000                                | 5100   | 101 | 0    | 5100       | 102 | 0    |
| Barium    | 520                              | 510   | 99  | 0    | 10000                               | 9900   | 99  | 1    | 10000      | 100 | 0    |
| Beryllium | 510                              | 520   | 102 | 0    | 500                                 | 510    | 102 | 1    | 510        | 103 | 1    |
| Cadmium   | 510                              | 500   | 99  | 0    | 2500                                | 2500   | 99  | 0    | 2400       | 98  | 0    |
| Calcium   | 10000                            | 10000 | 103 | 0    | 400000                              | 400000 | 100 | 1    | 400000     | 100 | 0    |
| Chromium  | 520                              | 540   | 105 | 0    | 15500                               | 16000  | 101 | 3    | 15000      | 98  | 0    |
| Cobalt    | 520                              | 510   | 98  | 0    | 2500                                | 2400   | 96  | 0    | 2400       | 94  | 0    |
| Copper    | 510                              | 490   | 95  | 1    | 15000                               | 15000  | 98  | 1    | 15000      | 97  | 0    |
| Iron      | 10000                            | 10000 | 105 | 0    | 400000                              | 400000 | 101 | 1    | 410000     | 101 | 1    |
| Lead      | 1000                             | 970   | 97  | 0    | 25000                               | 25000  | 98  | 0    | 24000      | 97  | 0    |
| Magnesium | 6000                             | 6000  | 100 | 1    | 400000                              | 400000 | 100 | 1    | 400000     | 100 | 0    |
| Manganese | 520                              | 520   | 99  | 0    | 15000                               | 15000  | 97  | 1    | 15000      | 97  | 0    |
| Nickel    | 530                              | 510   | 97  | 0    | 2500                                | 2500   | 100 | 0    | 2500       | 98  | 0    |
| Potassium | 9900                             | 9100  | 92  | 1    | 150000                              | 150000 | 100 | 1    | 150000     | 100 | 0    |
| Selenium  | 1000                             | 1000  | 101 | 0    | 5000                                | 5000   | 100 | 0    | 5000       | 99  | 0    |
| Silver    | 250                              | 240   | 97  | 0    | 1250                                | 1300   | 103 | 3    | 1300       | 100 | 0    |
| Sodium    | 10000                            | 9500  | 95  | 0    | 400000                              | 410000 | 103 | 1    | 410000     | 103 | 1    |
| Thallium  | 1000                             | 1000  | 100 | 1    | 5000                                | 4800   | 96  | 0    | 4700       | 95  | 0    |
| Vanadium  | 500                              | 510   | 102 | 3    | 2500                                | 2500   | 99  | 1    | 2500       | 98  | 1    |
| Zinc      | 1000                             | 980   | 98  | 1    | 15000                               | 15000  | 100 | 3    | 15000      | 97  | 0    |

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHKK8  
 Initial Calibration Verification Source : MP83508  
 Continuing Calibration Verification Source : MP83511  
 Run Batch: LB134116 Analytical Method: ICP-AES  
 Concentration Units: µg/L

|           | Initial Calibration Verification |       |    |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID:                              |       |    |      | ID: CCV035                          |        |     |      | ID: CCV036 |     |      |
| Analyte   | True                             | Found | %R | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  |                                  |       |    |      | 400000                              | 410000 | 102 | 3    | 400000     | 101 | 0    |
| Antimony  |                                  |       |    |      | 5000                                | 5000   | 100 | 0    | 4900       | 98  | 0    |
| Arsenic   |                                  |       |    |      | 5000                                | 5100   | 101 | 0    | 5000       | 100 | 0    |
| Barium    |                                  |       |    |      | 10000                               | 10000  | 101 | 3    | 10000      | 100 | 0    |
| Beryllium |                                  |       |    |      | 500                                 | 510    | 103 | 3    | 510        | 102 | 1    |
| Cadmium   |                                  |       |    |      | 2500                                | 2500   | 99  | 0    | 2400       | 98  | 0    |
| Calcium   |                                  |       |    |      | 400000                              | 400000 | 101 | 3    | 400000     | 100 | 0    |
| Chromium  |                                  |       |    |      | 15500                               | 16000  | 100 | 0    | 15000      | 99  | 0    |
| Cobalt    |                                  |       |    |      | 2500                                | 2400   | 96  | 0    | 2400       | 94  | 0    |
| Copper    |                                  |       |    |      | 15000                               | 15000  | 99  | 3    | 15000      | 98  | 0    |
| Iron      |                                  |       |    |      | 400000                              | 410000 | 102 | 3    | 400000     | 101 | 0    |
| Lead      |                                  |       |    |      | 25000                               | 25000  | 99  | 0    | 24000      | 97  | 0    |
| Magnesium |                                  |       |    |      | 400000                              | 400000 | 101 | 3    | 400000     | 100 | 0    |
| Manganese |                                  |       |    |      | 15000                               | 15000  | 98  | 3    | 15000      | 97  | 0    |
| Nickel    |                                  |       |    |      | 2500                                | 2500   | 100 | 0    | 2500       | 98  | 0    |
| Potassium |                                  |       |    |      | 150000                              | 150000 | 101 | 3    | 150000     | 101 | 0    |
| Selenium  |                                  |       |    |      | 5000                                | 5100   | 102 | 0    | 5000       | 100 | 0    |
| Silver    |                                  |       |    |      | 1250                                | 1300   | 103 | 0    | 1300       | 101 | 0    |
| Sodium    |                                  |       |    |      | 400000                              | 420000 | 106 | 4    | 410000     | 103 | 1    |
| Thallium  |                                  |       |    |      | 5000                                | 4800   | 97  | 0    | 4700       | 95  | 0    |
| Vanadium  |                                  |       |    |      | 2500                                | 2500   | 100 | 3    | 2500       | 98  | 1    |
| Zinc      |                                  |       |    |      | 15000                               | 15000  | 101 | 0    | 15000      | 99  | 1    |

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHKK8Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134116 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |    |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID:                              |       |    |      | ID: CCV037                          |        |     |      | ID: CCV038 |     |      |
| Analyte   | True                             | Found | %R | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  |                                  |       |    |      | 400000                              | 400000 | 100 | 2    | 420000     | 104 | 0    |
| Antimony  |                                  |       |    |      | 5000                                | 5000   | 99  | 0    | 5100       | 101 | 0    |
| Arsenic   |                                  |       |    |      | 5000                                | 5100   | 103 | 0    | 5200       | 104 | 0    |
| Barium    |                                  |       |    |      | 10000                               | 10000  | 100 | 2    | 10000      | 103 | 0    |
| Beryllium |                                  |       |    |      | 500                                 | 500    | 100 | 2    | 520        | 105 | 0    |
| Cadmium   |                                  |       |    |      | 2500                                | 2500   | 99  | 0    | 2500       | 101 | 0    |
| Calcium   |                                  |       |    |      | 400000                              | 400000 | 100 | 2    | 410000     | 103 | 0    |
| Chromium  |                                  |       |    |      | 15500                               | 15000  | 99  | 1    | 16000      | 102 | 0    |
| Cobalt    |                                  |       |    |      | 2500                                | 2400   | 96  | 0    | 2400       | 98  | 0    |
| Copper    |                                  |       |    |      | 15000                               | 15000  | 98  | 2    | 15000      | 101 | 0    |
| Iron      |                                  |       |    |      | 400000                              | 400000 | 100 | 2    | 410000     | 104 | 1    |
| Lead      |                                  |       |    |      | 25000                               | 25000  | 98  | 0    | 25000      | 100 | 0    |
| Magnesium |                                  |       |    |      | 400000                              | 400000 | 99  | 2    | 410000     | 102 | 0    |
| Manganese |                                  |       |    |      | 15000                               | 14000  | 96  | 2    | 15000      | 99  | 0    |
| Nickel    |                                  |       |    |      | 2500                                | 2500   | 100 | 0    | 2500       | 102 | 0    |
| Potassium |                                  |       |    |      | 150000                              | 150000 | 100 | 2    | 150000     | 103 | 0    |
| Selenium  |                                  |       |    |      | 5000                                | 5100   | 101 | 0    | 5200       | 103 | 0    |
| Silver    |                                  |       |    |      | 1250                                | 1300   | 102 | 1    | 1300       | 104 | 0    |
| Sodium    |                                  |       |    |      | 400000                              | 400000 | 101 | 1    | 420000     | 105 | 0    |
| Thallium  |                                  |       |    |      | 5000                                | 4800   | 96  | 0    | 4900       | 97  | 0    |
| Vanadium  |                                  |       |    |      | 2500                                | 2400   | 97  | 2    | 2500       | 100 | 1    |
| Zinc      |                                  |       |    |      | 15000                               | 15000  | 100 | 1    | 15000      | 102 | 0    |

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHKK8Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134132 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |     |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|-----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID: ICV005                       |       |     |      | ID: CCV049                          |        |     |      | ID: CCV050 |     |      |
| Analyte   | True                             | Found | %R  | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  | 2500                             | 2500  | 101 | 1    | 400000                              | 400000 | 101 | 0    | 410000     | 101 | 0    |
| Antimony  | 1000                             | 950   | 95  | 0    | 5000                                | 4900   | 98  | 0    | 4800       | 96  | 0    |
| Arsenic   | 1000                             | 1100  | 108 | 1    | 5000                                | 5000   | 99  | 0    | 4900       | 99  | 0    |
| Barium    | 520                              | 540   | 104 | 2    | 10000                               | 10000  | 101 | 0    | 10000      | 101 | 0    |
| Beryllium | 510                              | 540   | 106 | 2    | 500                                 | 510    | 101 | 1    | 510        | 101 | 0    |
| Cadmium   | 510                              | 510   | 101 | 0    | 2500                                | 2500   | 100 | 0    | 2500       | 98  | 0    |
| Calcium   | 10000                            | 11000 | 106 | 2    | 400000                              | 410000 | 103 | 0    | 410000     | 103 | 0    |
| Chromium  | 520                              | 560   | 108 | 1    | 15500                               | 16000  | 100 | 0    | 16000      | 100 | 0    |
| Cobalt    | 520                              | 510   | 99  | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 98  | 0    |
| Copper    | 510                              | 530   | 105 | 1    | 15000                               | 15000  | 101 | 0    | 15000      | 101 | 0    |
| Iron      | 10000                            | 11000 | 109 | 2    | 400000                              | 410000 | 102 | 0    | 410000     | 103 | 0    |
| Lead      | 1000                             | 1000  | 100 | 0    | 25000                               | 25000  | 99  | 0    | 24000      | 98  | 0    |
| Magnesium | 6000                             | 6400  | 107 | 1    | 400000                              | 400000 | 101 | 0    | 410000     | 102 | 0    |
| Manganese | 520                              | 550   | 106 | 2    | 15000                               | 15000  | 100 | 0    | 15000      | 101 | 0    |
| Nickel    | 530                              | 520   | 98  | 0    | 2500                                | 2500   | 100 | 0    | 2500       | 99  | 0    |
| Potassium | 9900                             | 9800  | 99  | 1    | 150000                              | 150000 | 102 | 0    | 150000     | 102 | 0    |
| Selenium  | 1000                             | 1000  | 100 | 1    | 5000                                | 4900   | 99  | 0    | 4900       | 97  | 0    |
| Silver    | 250                              | 250   | 100 | 1    | 1250                                | 1300   | 101 | 0    | 1300       | 102 | 1    |
| Sodium    | 10000                            | 9400  | 94  | 1    | 400000                              | 410000 | 102 | 0    | 410000     | 103 | 0    |
| Thallium  | 1000                             | 1000  | 103 | 0    | 5000                                | 4800   | 96  | 0    | 4800       | 95  | 0    |
| Vanadium  | 500                              | 540   | 107 | 5    | 2500                                | 2500   | 99  | 1    | 2500       | 100 | 0    |
| Zinc      | 1000                             | 980   | 98  | 2    | 15000                               | 15000  | 99  | 1    | 15000      | 99  | 1    |

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHKK8  
 Initial Calibration Verification Source : MP83508  
 Continuing Calibration Verification Source : MP83511  
 Run Batch: LB134132 Analytical Method: ICP-AES  
 Concentration Units: µg/L

|           | Initial Calibration Verification |       |    |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID:                              |       |    |      | ID: CCV051                          |        |     |      | ID: CCV052 |     |      |
| Analyte   | True                             | Found | %R | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  |                                  |       |    |      | 400000                              | 400000 | 101 | 1    | 410000     | 102 | 1    |
| Antimony  |                                  |       |    |      | 5000                                | 4900   | 98  | 0    | 4900       | 98  | 0    |
| Arsenic   |                                  |       |    |      | 5000                                | 5000   | 99  | 0    | 4900       | 99  | 0    |
| Barium    |                                  |       |    |      | 10000                               | 10000  | 101 | 1    | 10000      | 102 | 0    |
| Beryllium |                                  |       |    |      | 500                                 | 500    | 101 | 2    | 510        | 101 | 1    |
| Cadmium   |                                  |       |    |      | 2500                                | 2500   | 99  | 0    | 2500       | 100 | 0    |
| Calcium   |                                  |       |    |      | 400000                              | 410000 | 102 | 1    | 410000     | 103 | 0    |
| Chromium  |                                  |       |    |      | 15500                               | 16000  | 100 | 0    | 16000      | 101 | 0    |
| Cobalt    |                                  |       |    |      | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 0    |
| Copper    |                                  |       |    |      | 15000                               | 15000  | 100 | 1    | 15000      | 100 | 0    |
| Iron      |                                  |       |    |      | 400000                              | 410000 | 102 | 1    | 410000     | 102 | 1    |
| Lead      |                                  |       |    |      | 25000                               | 25000  | 98  | 0    | 25000      | 99  | 0    |
| Magnesium |                                  |       |    |      | 400000                              | 400000 | 101 | 1    | 410000     | 102 | 0    |
| Manganese |                                  |       |    |      | 15000                               | 15000  | 100 | 1    | 15000      | 101 | 0    |
| Nickel    |                                  |       |    |      | 2500                                | 2500   | 100 | 0    | 2500       | 101 | 0    |
| Potassium |                                  |       |    |      | 150000                              | 150000 | 102 | 1    | 150000     | 102 | 0    |
| Selenium  |                                  |       |    |      | 5000                                | 4900   | 98  | 0    | 4900       | 98  | 0    |
| Silver    |                                  |       |    |      | 1250                                | 1300   | 101 | 0    | 1300       | 102 | 0    |
| Sodium    |                                  |       |    |      | 400000                              | 410000 | 103 | 2    | 410000     | 103 | 1    |
| Thallium  |                                  |       |    |      | 5000                                | 4800   | 96  | 0    | 4900       | 97  | 0    |
| Vanadium  |                                  |       |    |      | 2500                                | 2500   | 99  | 0    | 2500       | 100 | 1    |
| Zinc      |                                  |       |    |      | 15000                               | 15000  | 99  | 1    | 15000      | 99  | 0    |

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHKK8Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134139 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |     |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|-----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID: ICV006                       |       |     |      | ID: CCV053                          |        |     |      | ID: CCV054 |     |      |
| Analyte   | True                             | Found | %R  | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  | 2500                             | 2500  | 99  | 1    | 400000                              | 400000 | 100 | 0    | 400000     | 100 | 0    |
| Antimony  | 1000                             | 950   | 95  | 0    | 5000                                | 4900   | 98  | 0    | 5000       | 99  | 0    |
| Arsenic   | 1000                             | 1100  | 109 | 1    | 5000                                | 4900   | 98  | 1    | 4900       | 99  | 1    |
| Barium    | 520                              | 530   | 102 | 0    | 10000                               | 10000  | 100 | 0    | 10000      | 101 | 0    |
| Beryllium | 510                              | 540   | 107 | 1    | 500                                 | 510    | 101 | 1    | 510        | 102 | 0    |
| Cadmium   | 510                              | 520   | 103 | 0    | 2500                                | 2500   | 98  | 0    | 2500       | 100 | 0    |
| Calcium   | 10000                            | 11000 | 106 | 0    | 400000                              | 400000 | 101 | 0    | 410000     | 102 | 0    |
| Chromium  | 520                              | 570   | 109 | 0    | 15500                               | 15000  | 99  | 0    | 16000      | 101 | 0    |
| Cobalt    | 520                              | 520   | 100 | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 101 | 0    |
| Copper    | 510                              | 520   | 102 | 1    | 15000                               | 15000  | 99  | 0    | 15000      | 100 | 0    |
| Iron      | 10000                            | 11000 | 107 | 1    | 400000                              | 410000 | 102 | 0    | 410000     | 102 | 0    |
| Lead      | 1000                             | 1000  | 101 | 0    | 25000                               | 24000  | 98  | 0    | 25000      | 99  | 0    |
| Magnesium | 6000                             | 6300  | 105 | 2    | 400000                              | 400000 | 101 | 0    | 400000     | 100 | 0    |
| Manganese | 520                              | 540   | 103 | 1    | 15000                               | 15000  | 99  | 0    | 15000      | 99  | 0    |
| Nickel    | 530                              | 530   | 100 | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 101 | 0    |
| Potassium | 9900                             | 9800  | 99  | 2    | 150000                              | 150000 | 101 | 0    | 150000     | 102 | 0    |
| Selenium  | 1000                             | 1000  | 100 | 1    | 5000                                | 4900   | 98  | 0    | 5000       | 99  | 0    |
| Silver    | 250                              | 250   | 100 | 0    | 1250                                | 1300   | 100 | 0    | 1300       | 101 | 0    |
| Sodium    | 10000                            | 9300  | 93  | 1    | 400000                              | 410000 | 104 | 0    | 410000     | 103 | 0    |
| Thallium  | 1000                             | 1000  | 103 | 0    | 5000                                | 4800   | 96  | 0    | 4900       | 97  | 0    |
| Vanadium  | 500                              | 530   | 107 | 2    | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 1    |
| Zinc      | 1000                             | 1000  | 101 | 0    | 15000                               | 15000  | 100 | 0    | 15000      | 100 | 1    |