

## FORM 2 - IN

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. :  SDG No.: MYE4B0Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133243 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |     |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|-----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID: ICV001                       |       |     |      | ID: CCV001                          |        |     |      | ID: CCV002 |     |      |
| Analyte   | True                             | Found | %R  | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  | 2500                             | 2300  | 93  | 1    | 400000                              | 400000 | 101 | 1    | 400000     | 101 | 0    |
| Antimony  | 1000                             | 1000  | 102 | 0    | 5000                                | 4800   | 96  | 1    | 4800       | 96  | 0    |
| Arsenic   | 1000                             | 1100  | 107 | 1    | 5000                                | 5100   | 102 | 0    | 5100       | 102 | 0    |
| Barium    | 520                              | 510   | 98  | 0    | 10000                               | 10000  | 101 | 1    | 10000      | 101 | 0    |
| Beryllium | 510                              | 530   | 104 | 0    | 500                                 | 520    | 103 | 1    | 520        | 105 | 1    |
| Cadmium   | 510                              | 500   | 98  | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 0    |
| Calcium   | 10000                            | 9900  | 99  | 0    | 400000                              | 400000 | 99  | 1    | 400000     | 99  | 0    |
| Chromium  | 520                              | 550   | 106 | 0    | 15500                               | 15000  | 96  | 0    | 15000      | 96  | 0    |
| Cobalt    | 520                              | 500   | 96  | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 0    |
| Copper    | 510                              | 480   | 94  | 1    | 15000                               | 15000  | 98  | 1    | 15000      | 98  | 0    |
| Iron      | 10000                            | 11000 | 105 | 0    | 400000                              | 400000 | 101 | 1    | 400000     | 101 | 1    |
| Lead      | 1000                             | 1000  | 100 | 0    | 25000                               | 25000  | 98  | 0    | 25000      | 98  | 0    |
| Magnesium | 6000                             | 5600  | 93  | 1    | 400000                              | 390000 | 98  | 1    | 390000     | 98  | 0    |
| Manganese | 520                              | 530   | 101 | 0    | 15000                               | 15000  | 97  | 1    | 15000      | 98  | 0    |
| Nickel    | 530                              | 510   | 96  | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 0    |
| Potassium | 9900                             | 9100  | 91  | 1    | 150000                              | 150000 | 100 | 1    | 150000     | 101 | 0    |
| Selenium  | 1000                             | 1100  | 107 | 1    | 5000                                | 4800   | 95  | 1    | 4700       | 95  | 0    |
| Silver    | 250                              | 240   | 95  | 1    | 1250                                | 1300   | 101 | 0    | 1300       | 101 | 1    |
| Sodium    | 10000                            | 9600  | 96  | 2    | 400000                              | 400000 | 100 | 1    | 400000     | 99  | 0    |
| Thallium  | 1000                             | 1100  | 106 | 0    | 5000                                | 4800   | 95  | 1    | 4800       | 95  | 1    |
| Vanadium  | 500                              | 520   | 104 | 1    | 2500                                | 2400   | 98  | 2    | 2400       | 97  | 0    |
| Zinc      | 1000                             | 1100  | 109 | 0    | 15000                               | 14000  | 95  | 0    | 14000      | 96  | 0    |

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|           | Initial Calibration Verification |       |    |      | Continuing Calibration Verification |        |     |      |       |    |      |
|-----------|----------------------------------|-------|----|------|-------------------------------------|--------|-----|------|-------|----|------|
|           | ID:                              |       |    |      | ID: CCV003                          |        |     |      | ID:   |    |      |
| Analyte   | True                             | Found | %R | %RSD | True                                | Found  | %R  | %RSD | Found | %R | %RSD |
| Aluminum  |                                  |       |    |      | 400000                              | 410000 | 102 | 0    |       |    |      |
| Antimony  |                                  |       |    |      | 5000                                | 4900   | 98  | 0    |       |    |      |
| Arsenic   |                                  |       |    |      | 5000                                | 5200   | 104 | 0    |       |    |      |
| Barium    |                                  |       |    |      | 10000                               | 10000  | 103 | 0    |       |    |      |
| Beryllium |                                  |       |    |      | 500                                 | 530    | 106 | 0    |       |    |      |
| Cadmium   |                                  |       |    |      | 2500                                | 2500   | 101 | 0    |       |    |      |
| Calcium   |                                  |       |    |      | 400000                              | 400000 | 101 | 1    |       |    |      |
| Chromium  |                                  |       |    |      | 15500                               | 15000  | 97  | 0    |       |    |      |
| Cobalt    |                                  |       |    |      | 2500                                | 2500   | 101 | 0    |       |    |      |
| Copper    |                                  |       |    |      | 15000                               | 15000  | 100 | 1    |       |    |      |
| Iron      |                                  |       |    |      | 400000                              | 410000 | 102 | 0    |       |    |      |
| Lead      |                                  |       |    |      | 25000                               | 25000  | 100 | 0    |       |    |      |
| Magnesium |                                  |       |    |      | 400000                              | 400000 | 99  | 1    |       |    |      |
| Manganese |                                  |       |    |      | 15000                               | 15000  | 98  | 0    |       |    |      |
| Nickel    |                                  |       |    |      | 2500                                | 2500   | 101 | 0    |       |    |      |
| Potassium |                                  |       |    |      | 150000                              | 150000 | 102 | 0    |       |    |      |
| Selenium  |                                  |       |    |      | 5000                                | 4800   | 97  | 0    |       |    |      |
| Silver    |                                  |       |    |      | 1250                                | 1300   | 102 | 0    |       |    |      |
| Sodium    |                                  |       |    |      | 400000                              | 400000 | 100 | 1    |       |    |      |
| Thallium  |                                  |       |    |      | 5000                                | 4800   | 97  | 0    |       |    |      |
| Vanadium  |                                  |       |    |      | 2500                                | 2500   | 98  | 1    |       |    |      |
| Zinc      |                                  |       |    |      | 15000                               | 15000  | 97  | 0    |       |    |      |

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. :  SDG No.: MYE4B0Initial Calibration Verification Source : MP83143Continuing Calibration Verification Source : MP83146Run Batch: LB133346 Analytical Method: ICP-AESConcentration Units: µg/L

|           | Initial Calibration Verification |       |     |      | Continuing Calibration Verification |        |     |      |            |     |      |
|-----------|----------------------------------|-------|-----|------|-------------------------------------|--------|-----|------|------------|-----|------|
|           | ID: ICV005                       |       |     |      | ID: CCV029                          |        |     |      | ID: CCV030 |     |      |
| Analyte   | True                             | Found | %R  | %RSD | True                                | Found  | %R  | %RSD | Found      | %R  | %RSD |
| Aluminum  | 2500                             | 2300  | 93  | 0    | 400000                              | 400000 | 100 | 0    | 400000     | 100 | 3    |
| Antimony  | 1000                             | 900   | 90  | 1    | 5000                                | 4700   | 95  | 0    | 4800       | 96  | 0    |
| Arsenic   | 1000                             | 1000  | 102 | 1    | 5000                                | 4900   | 98  | 0    | 5000       | 100 | 0    |
| Barium    | 520                              | 500   | 97  | 0    | 10000                               | 10000  | 100 | 1    | 9900       | 99  | 3    |
| Beryllium | 510                              | 520   | 102 | 0    | 500                                 | 500    | 100 | 0    | 500        | 100 | 2    |
| Cadmium   | 510                              | 490   | 95  | 0    | 2500                                | 2500   | 98  | 0    | 2500       | 99  | 0    |
| Calcium   | 10000                            | 10000 | 100 | 1    | 400000                              | 400000 | 100 | 0    | 400000     | 100 | 3    |
| Chromium  | 520                              | 550   | 106 | 0    | 15500                               | 15000  | 99  | 0    | 15000      | 97  | 3    |
| Cobalt    | 520                              | 490   | 93  | 0    | 2500                                | 2500   | 99  | 0    | 2500       | 100 | 0    |
| Copper    | 510                              | 480   | 95  | 1    | 15000                               | 15000  | 99  | 0    | 15000      | 97  | 3    |
| Iron      | 10000                            | 11000 | 106 | 0    | 400000                              | 410000 | 102 | 0    | 410000     | 102 | 3    |
| Lead      | 1000                             | 960   | 96  | 0    | 25000                               | 24000  | 97  | 0    | 25000      | 98  | 0    |
| Magnesium | 6000                             | 6000  | 99  | 1    | 400000                              | 390000 | 97  | 0    | 390000     | 96  | 3    |
| Manganese | 520                              | 520   | 100 | 1    | 15000                               | 15000  | 98  | 0    | 14000      | 96  | 3    |
| Nickel    | 530                              | 500   | 94  | 1    | 2500                                | 2500   | 99  | 0    | 2500       | 99  | 0    |
| Potassium | 9900                             | 9500  | 96  | 1    | 150000                              | 150000 | 100 | 0    | 150000     | 100 | 3    |
| Selenium  | 1000                             | 930   | 93  | 2    | 5000                                | 4700   | 94  | 0    | 4700       | 95  | 0    |
| Silver    | 250                              | 240   | 95  | 0    | 1250                                | 1200   | 99  | 0    | 1200       | 99  | 3    |
| Sodium    | 10000                            | 9600  | 96  | 1    | 400000                              | 400000 | 101 | 0    | 400000     | 101 | 3    |
| Thallium  | 1000                             | 1000  | 103 | 1    | 5000                                | 4800   | 96  | 1    | 4800       | 96  | 0    |
| Vanadium  | 500                              | 520   | 103 | 2    | 2500                                | 2500   | 98  | 1    | 2400       | 98  | 3    |
| Zinc      | 1000                             | 930   | 93  | 0    | 15000                               | 14000  | 96  | 1    | 14000      | 95  | 4    |

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|           | Initial Calibration Verification |       |    |      | Continuing Calibration Verification |        |     |      |       |    |      |
|-----------|----------------------------------|-------|----|------|-------------------------------------|--------|-----|------|-------|----|------|
|           | ID:                              |       |    |      | ID: CCV031                          |        |     |      | ID:   |    |      |
| Analyte   | True                             | Found | %R | %RSD | True                                | Found  | %R  | %RSD | Found | %R | %RSD |
| Aluminum  |                                  |       |    |      | 400000                              | 400000 | 101 | 0    |       |    |      |
| Antimony  |                                  |       |    |      | 5000                                | 4800   | 95  | 0    |       |    |      |
| Arsenic   |                                  |       |    |      | 5000                                | 5000   | 100 | 1    |       |    |      |
| Barium    |                                  |       |    |      | 10000                               | 10000  | 101 | 0    |       |    |      |
| Beryllium |                                  |       |    |      | 500                                 | 510    | 102 | 0    |       |    |      |
| Cadmium   |                                  |       |    |      | 2500                                | 2500   | 99  | 0    |       |    |      |
| Calcium   |                                  |       |    |      | 400000                              | 400000 | 101 | 0    |       |    |      |
| Chromium  |                                  |       |    |      | 15500                               | 15000  | 98  | 0    |       |    |      |
| Cobalt    |                                  |       |    |      | 2500                                | 2500   | 99  | 0    |       |    |      |
| Copper    |                                  |       |    |      | 15000                               | 15000  | 99  | 0    |       |    |      |
| Iron      |                                  |       |    |      | 400000                              | 410000 | 103 | 0    |       |    |      |
| Lead      |                                  |       |    |      | 25000                               | 24000  | 98  | 0    |       |    |      |
| Magnesium |                                  |       |    |      | 400000                              | 390000 | 97  | 1    |       |    |      |
| Manganese |                                  |       |    |      | 15000                               | 15000  | 98  | 0    |       |    |      |
| Nickel    |                                  |       |    |      | 2500                                | 2500   | 99  | 0    |       |    |      |
| Potassium |                                  |       |    |      | 150000                              | 150000 | 102 | 0    |       |    |      |
| Selenium  |                                  |       |    |      | 5000                                | 4700   | 94  | 0    |       |    |      |
| Silver    |                                  |       |    |      | 1250                                | 1200   | 100 | 0    |       |    |      |
| Sodium    |                                  |       |    |      | 400000                              | 410000 | 102 | 0    |       |    |      |
| Thallium  |                                  |       |    |      | 5000                                | 4800   | 95  | 0    |       |    |      |
| Vanadium  |                                  |       |    |      | 2500                                | 2500   | 99  | 1    |       |    |      |
| Zinc      |                                  |       |    |      | 15000                               | 14000  | 96  | 0    |       |    |      |