

FORM 3 - IN  
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHKZ3  
 Preparation Blank Matrix : Soil  
 Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg): mg/kg  
 Analytical Method: ICP-AES Preparation Batch: PB165505  
 Run Batch: LB134014 Preparation Method: 3050B

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID: ICB007                       | Q | ID: CCB060                          | Q | ID: CCB061 | Q | ID: CCB062 | Q | ID: PBS505                                  | Q |
| Aluminum  | 200                              | U | 200                                 | U | 20         | J | 200        | U | 20.0                                        | U |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U | 6.0                                         | U |
| Arsenic   | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U | 1.0                                         | U |
| Barium    | 200                              | U | 200                                 | U | 200        | U | 200        | U | 20.0                                        | U |
| Beryllium | 5.0                              | U | 5.0                                 | U | 5.0        | U | 5.0        | U | 0.5                                         | U |
| Cadmium   | 5.0                              | U | 5.0                                 | U | 5.0        | U | 5.0        | U | 0.5                                         | U |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U | 500                                         | U |
| Chromium  | 10.0                             | U | 0.96                                | J | 1.7        | J | 1.5        | J | 0.11                                        | J |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U | 5.0                                         | U |
| Copper    | -5.9                             | J | 25.0                                | U | 25.0       | U | 25.0       | U | 2.5                                         | U |
| Iron      | 27                               | J | 35                                  | J | 47         | J | 45         | J | 10.0                                        | U |
| Lead      | 10.0                             | U | 10.0                                | U | 3.0        | J | 10.0       | U | 1.0                                         | U |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U | 500                                         | U |
| Manganese | 15.0                             | U | 3.1                                 | J | 3.7        | J | 3.3        | J | 1.5                                         | U |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U | 40.0       | U | 4.0                                         | U |
| Potassium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U | 500                                         | U |
| Selenium  | 35.0                             | U | 35.0                                | U | 35.0       | U | 35.0       | U | 3.5                                         | U |
| Silver    | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U | 1.0                                         | U |
| Sodium    | 5000                             | U | 5000                                | U | 5000       | U | 1400       | J | 130                                         | J |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U | 2.5                                         | U |
| Vanadium  | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U | 5.0                                         | U |
| Zinc      | 60.0                             | U | 20                                  | J | 60.0       | U | 60.0       | U | 6.0                                         | U |

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Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134014 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |     |   |     |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|-----|---|-----|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB063                          | Q | ID: | Q | ID: | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U |     |   |     |   |                                             |   |
| Antimony  |                                  |   | 60.0                                | U |     |   |     |   |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U |     |   |     |   |                                             |   |
| Barium    |                                  |   | 200                                 | U |     |   |     |   |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U |     |   |     |   |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U |     |   |     |   |                                             |   |
| Calcium   |                                  |   | 5000                                | U |     |   |     |   |                                             |   |
| Chromium  |                                  |   | 10.0                                | U |     |   |     |   |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U |     |   |     |   |                                             |   |
| Copper    |                                  |   | 25.0                                | U |     |   |     |   |                                             |   |
| Iron      |                                  |   | 100                                 | U |     |   |     |   |                                             |   |
| Lead      |                                  |   | 3.9                                 | J |     |   |     |   |                                             |   |
| Magnesium |                                  |   | 5000                                | U |     |   |     |   |                                             |   |
| Manganese |                                  |   | 4.2                                 | J |     |   |     |   |                                             |   |
| Nickel    |                                  |   | 40.0                                | U |     |   |     |   |                                             |   |
| Potassium |                                  |   | 5000                                | U |     |   |     |   |                                             |   |
| Selenium  |                                  |   | 35.0                                | U |     |   |     |   |                                             |   |
| Silver    |                                  |   | 10.0                                | U |     |   |     |   |                                             |   |
| Sodium    |                                  |   | 1800                                | J |     |   |     |   |                                             |   |
| Thallium  |                                  |   | 25.0                                | U |     |   |     |   |                                             |   |
| Vanadium  |                                  |   | 50.0                                | U |     |   |     |   |                                             |   |
| Zinc      |                                  |   | 14                                  | J |     |   |     |   |                                             |   |

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Preparation Blank Matrix :  
Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):  
Analytical Method: ICP-AES Preparation Batch:  
Run Batch: LB134057 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID: ICB009                       | Q | ID: CCB081                          | Q | ID: CCB082 | Q | ID: CCB083 | Q | ID:                                         | Q |
| Aluminum  | 200                              | U | 200                                 | U | 28         | J | 200        | U |                                             |   |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Barium    | 200                              | U | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium | 5.0                              | U | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   | 5.0                              | U | 5.0                                 | U | 0.3        | J | 5.0        | U |                                             |   |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Iron      | 100                              | U | 100                                 | U | 100        | U | 100        | U |                                             |   |
| Lead      | 10.0                             | U | 10.0                                | U | 4.5        | J | 3.1        | J |                                             |   |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese | 15.0                             | U | 1.5                                 | J | 15.0       | U | 15.0       | U |                                             |   |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  | 35.0                             | U | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  | -11                              | J | -10                                 | J | 50.0       | U | -9.3       | J |                                             |   |
| Zinc      | 60.0                             | U | 60.0                                | U | 60.0       | U | 8.7        | J |                                             |   |

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Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134057 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB084                          | Q | ID: CCB085 | Q | ID: CCB086 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 200        | U | 21         | J |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | 25.0                                | U | -5.8       | J | 25.0       | U |                                             |   |
| Iron      |                                  |   | 100                                 | U | 20         | J | 27         | J |                                             |   |
| Lead      |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U | 140        | J |                                             |   |
| Manganese |                                  |   | 15.0                                | U | 15.0       | U | 15.0       | U |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | -12                                 | J | 50.0       | U | -15        | J |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |

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|                                                                                                                                |                                               |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Lab Name: Alliance Technical Group, LLC                                                                                        | Contract: 68HERH20D0011                       |
| Lab Code: ACE                  Case No.: 51879                                                                                 | MA No. :                      SDG No.: MBHKZ3 |
| Preparation Blank Matrix : _____                                                                                               |                                               |
| Preparation Blank Concentration Units ( $\mu\text{g/L}$ , $\text{mg/L}$ , $\text{mg/kg}$ dry weight, or $\mu\text{g}$ ): _____ |                                               |
| Analytical Method: ICP-AES                                                                                                     | Preparation Batch: _____                      |
| Run Batch: LB134057                                                                                                            | Preparation Method: _____                     |

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB087                          | Q | ID: CCB088 | Q | ID: CCB089 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 23         | J | 29         | J |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U | 5.0        | J | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 0.35       | J | 5.0        | U |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 1.2        | J | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Iron      |                                  |   | 100                                 | U | 100        | U | 100        | U |                                             |   |
| Lead      |                                  |   | 10.0                                | U | 4.1        | J | 10.0       | U |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U | 140        | J |                                             |   |
| Manganese |                                  |   | 15.0                                | U | 15.0       | U | 15.0       | U |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 1.3                                 | J | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | 50.0                                | U | 50.0       | U | -11        | J |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |

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Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134057 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB090                          | Q | ID: CCB091 | Q | ID: CCB092 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 0.27                                | J | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 1.0                                 | J | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Iron      |                                  |   | 29                                  | J | 37         | J | 29         | J |                                             |   |
| Lead      |                                  |   | 3.1                                 | J | 4.1        | J | 3.1        | J |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese |                                  |   | 15.0                                | U | 15.0       | U | 15.0       | U |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U | -560       | J |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U | 1700       | J |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | 50.0                                | U | -5.9       | J | -7.0       | J |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |

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Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHKZ3

Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134057 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB093                          | Q | ID: CCB094 | Q | ID: CCB095 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 29         | J | 26         | J |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 5.1                                 | J | 10.0       | U | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 5.0        | U | 0.27       | J |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | 7.2                                 | J | 25.0       | U | 25.0       | U |                                             |   |
| Iron      |                                  |   | 100                                 | U | 33         | J | 27         | J |                                             |   |
| Lead      |                                  |   | 4.0                                 | J | 4.5        | J | 6.2        | J |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese |                                  |   | 15.0                                | U | 15.0       | U | 15.0       | U |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | -760                                | J | -900       | J | -760       | J |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    |                                  |   | 1900                                | J | 2500       | J | 2000       | J |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | 50.0                                | U | -11        | J | -7.8       | J |                                             |   |
| Zinc      |                                  |   | 8.8                                 | J | 60.0       | U | 60.0       | U |                                             |   |

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Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134057 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |     |   |     |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|-----|---|-----|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB096                          | Q | ID: | Q | ID: | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U |     |   |     |   |                                             |   |
| Antimony  |                                  |   | 60.0                                | U |     |   |     |   |                                             |   |
| Arsenic   |                                  |   | 5.2                                 | J |     |   |     |   |                                             |   |
| Barium    |                                  |   | 200                                 | U |     |   |     |   |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U |     |   |     |   |                                             |   |
| Cadmium   |                                  |   | 0.28                                | J |     |   |     |   |                                             |   |
| Calcium   |                                  |   | 5000                                | U |     |   |     |   |                                             |   |
| Chromium  |                                  |   | 10.0                                | U |     |   |     |   |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U |     |   |     |   |                                             |   |
| Copper    |                                  |   | -11                                 | J |     |   |     |   |                                             |   |
| Iron      |                                  |   | 45                                  | J |     |   |     |   |                                             |   |
| Lead      |                                  |   | 5.4                                 | J |     |   |     |   |                                             |   |
| Magnesium |                                  |   | 5000                                | U |     |   |     |   |                                             |   |
| Manganese |                                  |   | 1.9                                 | J |     |   |     |   |                                             |   |
| Nickel    |                                  |   | 40.0                                | U |     |   |     |   |                                             |   |
| Potassium |                                  |   | -660                                | J |     |   |     |   |                                             |   |
| Selenium  |                                  |   | 35.0                                | U |     |   |     |   |                                             |   |
| Silver    |                                  |   | 10.0                                | U |     |   |     |   |                                             |   |
| Sodium    |                                  |   | 1700                                | J |     |   |     |   |                                             |   |
| Thallium  |                                  |   | 25.0                                | U |     |   |     |   |                                             |   |
| Vanadium  |                                  |   | -14                                 | J |     |   |     |   |                                             |   |
| Zinc      |                                  |   | 10                                  | J |     |   |     |   |                                             |   |



FORM 3 - IN  
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134161 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID: ICB051                       | Q | ID: CCB100                          | Q | ID: CCB101 | Q | ID: CCB102 | Q | ID:                                         | Q |
| Aluminum  | 200                              | U | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   | 10.0                             | U | 10.0                                | U | 10         |   | 10.0       | U |                                             |   |
| Barium    | 200                              | U | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium | 5.0                              | U | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   | 5.0                              | U | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  | 10.0                             | U | 10.0                                | U | -1.1       | J | 10.0       | U |                                             |   |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    | 25.0                             | U | 25.0                                | U | 7.1        | J | -19        | J |                                             |   |
| Iron      | 100                              | U | 100                                 | U | 100        | U | 43         | J |                                             |   |
| Lead      | -3.3                             | J | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Magnesium | -200                             | J | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese | 15.0                             | U | 15.0                                | U | 15.0       | U | 1.6        | J |                                             |   |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  | 35.0                             | U | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  | 50.0                             | U | 50.0                                | U | -17        | J | 50.0       | U |                                             |   |
| Zinc      | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |

FORM 3 - IN  
BLANKS

|                                                                                                                                |                                               |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Lab Name: Alliance Technical Group, LLC                                                                                        | Contract: 68HERH20D0011                       |
| Lab Code: ACE                  Case No.: 51879                                                                                 | MA No. :                      SDG No.: MBHKZ3 |
| Preparation Blank Matrix : _____                                                                                               |                                               |
| Preparation Blank Concentration Units ( $\mu\text{g/L}$ , $\text{mg/L}$ , $\text{mg/kg}$ dry weight, or $\mu\text{g}$ ): _____ |                                               |
| Analytical Method: ICP-AES                                                                                                     | Preparation Batch: _____                      |
| Run Batch: LB134161                                                                                                            | Preparation Method: _____                     |

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB103                          | Q | ID: CCB104 | Q | ID: CCB105 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 68                                  | J | 74         | J | 200        | U |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | -9.4                                | J | -11        | J | 25.0       | U |                                             |   |
| Iron      |                                  |   | 100                                 | U | 24         | J | 45         | J |                                             |   |
| Lead      |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese |                                  |   | 3.9                                 | J | 4.4        | J | 4.7        | J |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 1.7                                 | J | 10.0       | U | 1.6        | J |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | 50.0                                | U | -9.1       | J | -7.7       | J |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |

FORM 3 - IN  
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Preparation Blank Matrix :

Preparation Blank Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134161 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID:                              | Q | ID: CCB106                          | Q | ID: CCB107 | Q | ID: CCB108 | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 20         | J | 200        | U |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   |                                  |   | 9.3                                 | J | 8.9        | J | 10.0       | U |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U | 200        | U |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    |                                  |   | 25.0                                | U | -5.8       | J | 25.0       | U |                                             |   |
| Iron      |                                  |   | 71                                  | J | 33         | J | 21         | J |                                             |   |
| Lead      |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Magnesium |                                  |   | 5000                                | U | -220       | J | -180       | J |                                             |   |
| Manganese |                                  |   | 2.2                                 | J | 5.6        | J | 3.4        | J |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U | 35.0       | U |                                             |   |
| Silver    |                                  |   | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U | 25.0       | U |                                             |   |
| Vanadium  |                                  |   | -12                                 | J | 50.0       | U | 50.0       | U |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |