

FORM 3 - IN  
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51779 MA No. :                      SDG No.: MYCZD9  
 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: PB165634  
 Run Batch: LB134057 Preparation Method: 3050B

| 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: PBS634                                  | Q |
| Aluminum  | 200                              | U | 200                                 | U | 28         | 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 | 0.3        | J | 5.0        | U | 0.5                                         | U |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U | 500                                         | U |
| Chromium  | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U | 1.0                                         | U |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U | 5.0                                         | U |
| Copper    | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U | 2.5                                         | U |
| Iron      | 100                              | U | 100                                 | U | 100        | U | 100        | U | 5.2                                         | J |
| Lead      | 10.0                             | U | 10.0                                | U | 4.5        | J | 3.1        | J | 1.0                                         | U |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U | 500                                         | U |
| Manganese | 15.0                             | U | 1.5                                 | J | 15.0       | U | 15.0       | U | 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 | 5000       | U | 500                                         | U |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U | 25.0       | U | 2.5                                         | U |
| Vanadium  | -11                              | J | -10                                 | J | 50.0       | U | -9.3       | J | 5.0                                         | U |
| Zinc      | 60.0                             | U | 60.0                                | U | 60.0       | U | 8.7        | J | 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: 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: | Q | ID:                                         | Q |
| Aluminum  |                                  |   | 200                                 | U | 200        | U |     |   |                                             |   |
| Antimony  |                                  |   | 60.0                                | U | 60.0       | U |     |   |                                             |   |
| Arsenic   |                                  |   | 10.0                                | U | 10.0       | U |     |   |                                             |   |
| Barium    |                                  |   | 200                                 | U | 200        | U |     |   |                                             |   |
| Beryllium |                                  |   | 5.0                                 | U | 5.0        | U |     |   |                                             |   |
| Cadmium   |                                  |   | 5.0                                 | U | 5.0        | U |     |   |                                             |   |
| Calcium   |                                  |   | 5000                                | U | 5000       | U |     |   |                                             |   |
| Chromium  |                                  |   | 10.0                                | U | 10.0       | U |     |   |                                             |   |
| Cobalt    |                                  |   | 50.0                                | U | 50.0       | U |     |   |                                             |   |
| Copper    |                                  |   | 25.0                                | U | -5.8       | J |     |   |                                             |   |
| Iron      |                                  |   | 100                                 | U | 20         | J |     |   |                                             |   |
| Lead      |                                  |   | 10.0                                | U | 10.0       | U |     |   |                                             |   |
| Magnesium |                                  |   | 5000                                | U | 5000       | U |     |   |                                             |   |
| Manganese |                                  |   | 15.0                                | U | 15.0       | U |     |   |                                             |   |
| Nickel    |                                  |   | 40.0                                | U | 40.0       | U |     |   |                                             |   |
| Potassium |                                  |   | 5000                                | U | 5000       | U |     |   |                                             |   |
| Selenium  |                                  |   | 35.0                                | U | 35.0       | U |     |   |                                             |   |
| Silver    |                                  |   | 10.0                                | U | 10.0       | U |     |   |                                             |   |
| Sodium    |                                  |   | 5000                                | U | 5000       | U |     |   |                                             |   |
| Thallium  |                                  |   | 25.0                                | U | 25.0       | U |     |   |                                             |   |
| Vanadium  |                                  |   | -12                                 | J | 50.0       | U |     |   |                                             |   |
| Zinc      |                                  |   | 60.0                                | U | 60.0       | U |     |   |                                             |   |

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|                                                                                                                                |                                               |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Lab Name: Alliance Technical Group, LLC                                                                                        | Contract: 68HERH20D0011                       |
| Lab Code: ACE                  Case No.: 51779                                                                                 | MA No. :                      SDG No.: MYCZD9 |
| 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: LB134069                                                                                                            | Preparation Method: _____                     |

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID: ICB001                       | Q | ID: CCB001                          | Q | ID: CCB002 | Q | ID: CCB003 | Q | ID:                                         | Q |
| Aluminum  | 37                               | J | 38                                  | J | 32         | J | 28         | J |                                             |   |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   | 10.0                             | U | 10.0                                | U | -5.2       | J | 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 | -1.0       | J | -1.1       | J |                                             |   |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U | 50.0       | U |                                             |   |
| Copper    | 25.0                             | U | 8.4                                 | J | 25.0       | U | 25.0       | U |                                             |   |
| Iron      | 100                              | U | 33                                  | J | 26         | J | 31         | J |                                             |   |
| Lead      | 10.0                             | U | 3.7                                 | J | 10.0       | U | 3.7        | J |                                             |   |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese | 15.0                             | U | 1.5                                 | J | 2.2        | J | 15.0       | U |                                             |   |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U | 40.0       | U |                                             |   |
| Potassium | 5000                             | U | 5000                                | U | 5000       | U | -600       | J |                                             |   |
| 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 | 8.1                                 | J | 50.0       | U | 50.0       | U |                                             |   |
| Zinc      | 60.0                             | U | 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: LB134088 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |     |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|-----|---|---------------------------------------------|---|
|           | ID: ICB002                       | Q | ID: CCB016                          | Q | ID: CCB017 | Q | ID: | Q | ID:                                         | Q |
| Aluminum  | 200                              | U | 200                                 | U | 26         | J |     |   |                                             |   |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U |     |   |                                             |   |
| Arsenic   | 10.0                             | U | 10.0                                | U | -8.0       | J |     |   |                                             |   |
| Barium    | 200                              | U | 200                                 | U | -9.5       | J |     |   |                                             |   |
| 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 | 25.0                                | U | -6.5       | J |     |   |                                             |   |
| Iron      | 100                              | U | 100                                 | U | 100        | U |     |   |                                             |   |
| Lead      | 10.0                             | U | 10.0                                | U | 10.0       | U |     |   |                                             |   |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U |     |   |                                             |   |
| Manganese | -2.0                             | J | -1.4                                | J | -1.8       | J |     |   |                                             |   |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U |     |   |                                             |   |
| Potassium | 5000                             | U | 5000                                | U | -2500      | J |     |   |                                             |   |
| Selenium  | 35.0                             | U | 35.0                                | U | 35.0       | U |     |   |                                             |   |
| Silver    | 10.0                             | U | 10.0                                | U | -1.7       | J |     |   |                                             |   |
| Sodium    | 5000                             | U | 5000                                | U | 5000       | U |     |   |                                             |   |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U |     |   |                                             |   |
| Vanadium  | 8.1                              | J | 50.0                                | U | 50.0       | U |     |   |                                             |   |
| Zinc      | 60.0                             | U | 60.0                                | U | 12         | J |     |   |                                             |   |