

FORM 3 - IN  
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51817 MA No. :                      SDG No.: MYE531  
 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: PB164633  
 Run Batch: LB133379 Preparation Method: 3050B

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |     |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|-----|---|---------------------------------------------|---|
|           | ID: ICB007                       | Q | ID: CCB045                          | Q | ID: CCB046 | Q | ID: | Q | ID: PBS633                                  | Q |
| Aluminum  | 200                              | U | 32                                  | J | 42         | J |     |   | 20.0                                        | U |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U |     |   | 6.0                                         | U |
| Arsenic   | 10.0                             | U | 10.0                                | U | 6.6        | J |     |   | 1.0                                         | U |
| Barium    | 200                              | U | 200                                 | U | 200        | U |     |   | 20.0                                        | U |
| Beryllium | 5.0                              | U | 5.0                                 | U | 5.0        | U |     |   | 0.5                                         | U |
| Cadmium   | 5.0                              | U | 5.0                                 | U | 5.0        | U |     |   | 0.5                                         | U |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U |     |   | 500                                         | U |
| Chromium  | 10.0                             | U | 1.1                                 | J | 10.0       | U |     |   | 1.0                                         | U |
| Cobalt    | 50.0                             | U | 50.0                                | U | 50.0       | U |     |   | 5.0                                         | U |
| Copper    | 25.0                             | U | 25.0                                | U | 25.0       | U |     |   | 0.62                                        | J |
| Iron      | 100                              | U | 23                                  | J | 100        | U |     |   | 10.0                                        | U |
| Lead      | 10.0                             | U | 10.0                                | U | 10.0       | U |     |   | 1.0                                         | U |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U |     |   | 500                                         | U |
| Manganese | 2.2                              | J | 15.0                                | U | 15.0       | U |     |   | 1.5                                         | U |
| Nickel    | 40.0                             | U | 40.0                                | U | 40.0       | U |     |   | 4.0                                         | U |
| Potassium | 5000                             | U | 5000                                | U | 5000       | U |     |   | 500                                         | U |
| Selenium  | 35.0                             | U | 35.0                                | U | 35.0       | U |     |   | 3.5                                         | U |
| Silver    | 10.0                             | U | 10.0                                | U | 10.0       | U |     |   | 0.13                                        | J |
| Sodium    | 5000                             | U | 5000                                | U | 5000       | U |     |   | 500                                         | U |
| Thallium  | 25.0                             | U | 25.0                                | U | 25.0       | U |     |   | 2.5                                         | U |
| Vanadium  | 50.0                             | U | 50.0                                | U | 50.0       | U |     |   | 0.89                                        | J |
| Zinc      | 60.0                             | U | 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: LB133387 Preparation Method:

| Analyte   | Initial Calibration Blank (ug/L) |   | Continuing Calibration Blank (ug/L) |   |            |   |            |   | Preparation Blank/Leachate Extraction Blank |   |
|-----------|----------------------------------|---|-------------------------------------|---|------------|---|------------|---|---------------------------------------------|---|
|           | ID: ICB008                       | Q | ID: CCB056                          | Q | ID: CCB057 | Q | ID: CCB058 | Q | ID:                                         | Q |
| Aluminum  | 200                              | U | 65                                  | J | 200        | U | 200        | U |                                             |   |
| Antimony  | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |
| Arsenic   | 10.0                             | U | 10.0                                | U | 10.0       | 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 | 5.0        | U | 5.0        | U |                                             |   |
| Calcium   | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Chromium  | -2.1                             | J | 1.1                                 | J | -1.7       | J | -1.6       | J |                                             |   |
| 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 | 37         | J | 100        | U |                                             |   |
| Lead      | 10.0                             | U | 10.0                                | U | 10.0       | U | 10.0       | U |                                             |   |
| Magnesium | 5000                             | U | 5000                                | U | 5000       | U | 5000       | U |                                             |   |
| Manganese | 15.0                             | U | 15.0                                | U | -1.5       | J | 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 | -1.4       | J |                                             |   |
| 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 | 50.0       | U | -7.0       | J |                                             |   |
| Zinc      | 60.0                             | U | 60.0                                | U | 60.0       | U | 60.0       | U |                                             |   |