

## LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51817 MA No.: \_\_\_\_\_ SDG No.: MYE4R9  
 Matrix : Soil Preparation Method: 3050B  
 Analytical Method: ICP-AES Preparation Batch: PB164451  
 Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):  $\text{mg/kg}$

| Analyte   | True | Found | %R  |
|-----------|------|-------|-----|
| Aluminum  | 40   | 38    | 94  |
| Antimony  | 12   | 11    | 94  |
| Arsenic   | 2    | 1.6   | 81  |
| Barium    | 40   | 43    | 107 |
| Beryllium | 1    | 1.1   | 112 |
| Cadmium   | 1    | 1.1   | 105 |
| Calcium   | 1000 | 1100  | 106 |
| Chromium  | 2    | 2.1   | 106 |
| Cobalt    | 10   | 10    | 102 |
| Copper    | 5    | 5.0   | 101 |
| Iron      | 20   | 19    | 95  |
| Lead      | 2    | 2.0   | 98  |
| Magnesium | 1000 | 1000  | 104 |
| Manganese | 3    | 3.2   | 107 |
| Nickel    | 8    | 8.5   | 106 |
| Potassium | 1000 | 990   | 99  |
| Selenium  | 7    | 6.6   | 95  |
| Silver    | 2    | 1.8   | 88  |
| Sodium    | 1000 | 1000  | 102 |
| Thallium  | 5    | 5.5   | 110 |
| Vanadium  | 10   | 11    | 109 |
| Zinc      | 12   | 11    | 94  |

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| Analyte   | True | Found | %R  |
|-----------|------|-------|-----|
| Aluminum  | 20   | 23    | 115 |
| Antimony  | 6    | 5.6   | 93  |
| Arsenic   | 1    | 0.81  | 81  |
| Barium    | 20   | 22    | 110 |
| Beryllium | 0.5  | 0.58  | 116 |
| Cadmium   | 0.5  | 0.54  | 108 |
| Calcium   | 500  | 550   | 110 |
| Chromium  | 1    | 1.0   | 100 |
| Cobalt    | 5    | 5.2   | 104 |
| Copper    | 2.5  | 2.2   | 88  |
| Iron      | 10   | 6.3   | 63  |
| Lead      | 1    | 0.87  | 87  |
| Magnesium | 500  | 550   | 110 |
| Manganese | 1.5  | 1.8   | 120 |
| Nickel    | 4    | 4.4   | 110 |
| Potassium | 500  | 510   | 102 |
| Selenium  | 3.5  | 3.4   | 97  |
| Silver    | 1    | 0.77  | 77  |
| Sodium    | 500  | 540   | 108 |
| Thallium  | 2.5  | 2.8   | 112 |
| Vanadium  | 5    | 5.9   | 118 |
| Zinc      | 6    | 5.8   | 97  |