

## LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No.: \_\_\_\_\_ SDG No.: MBHL94  
 Matrix : Soil Preparation Method: 3050B  
 Analytical Method: ICP-AES Preparation Batch: PB165453  
 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   | 40    | 100 |
| Antimony  | 12   | 9.8   | 82  |
| Arsenic   | 2    | 2.1   | 104 |
| Barium    | 40   | 40    | 99  |
| Beryllium | 1    | 1.0   | 103 |
| Cadmium   | 1    | 0.94  | 94  |
| Calcium   | 1000 | 1000  | 99  |
| Chromium  | 2    | 2.1   | 103 |
| Cobalt    | 10   | 10    | 100 |
| Copper    | 5    | 5.9   | 117 |
| Iron      | 20   | 24    | 120 |
| Lead      | 2    | 1.6   | 81  |
| Magnesium | 1000 | 1000  | 100 |
| Manganese | 3    | 3.4   | 112 |
| Nickel    | 8    | 7.6   | 95  |
| Potassium | 1000 | 860   | 86  |
| Selenium  | 7    | 5.6   | 79  |
| Silver    | 2    | 2.0   | 98  |
| Sodium    | 1000 | 1000  | 101 |
| Thallium  | 5    | 5.2   | 103 |
| Vanadium  | 10   | 10    | 103 |
| Zinc      | 12   | 13    | 111 |