

## LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51810 MA No.: \_\_\_\_\_ SDG No.: MC0VH4  
 Matrix : Soil Preparation Method: 3050B  
 Analytical Method: ICP-AES Preparation Batch: PB164934  
 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   | 36    | 89  |
| Antimony  | 12   | 11    | 93  |
| Arsenic   | 2    | 1.5   | 77  |
| Barium    | 40   | 43    | 107 |
| Beryllium | 1    | 1.1   | 110 |
| Cadmium   | 1    | 1.1   | 108 |
| Calcium   | 1000 | 1100  | 108 |
| Chromium  | 2    | 2.3   | 116 |
| Cobalt    | 10   | 10    | 101 |
| Copper    | 5    | 4.9   | 99  |
| Iron      | 20   | 21    | 106 |
| Lead      | 2    | 2.0   | 102 |
| Magnesium | 1000 | 1000  | 102 |
| Manganese | 3    | 3.5   | 115 |
| Nickel    | 8    | 8.5   | 106 |
| Potassium | 1000 | 1000  | 102 |
| Selenium  | 7    | 7.2   | 102 |
| Silver    | 2    | 2.3   | 114 |
| Sodium    | 1000 | 980   | 98  |
| Thallium  | 5    | 5.2   | 105 |
| Vanadium  | 10   | 12    | 117 |
| Zinc      | 12   | 11    | 88  |