

## LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51817 MA No.:                      SDG No.: MYE4H7  
 Matrix : Soil Preparation Method: 200.8  
 Analytical Method: ICP-MS Preparation Batch: PB164452  
 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  |
|-----------|------|-------|-----|
| Antimony  | 2    | 1.7   | 86  |
| Arsenic   | 1    | 0.98  | 98  |
| Barium    | 10   | 8.3   | 83  |
| Beryllium | 1    | 0.88  | 88  |
| Cadmium   | 1    | 0.77  | 77  |
| Chromium  | 2    | 2.1   | 104 |
| Cobalt    | 1    | 1.0   | 102 |
| Copper    | 2    | 2.1   | 107 |
| Lead      | 1    | 0.8   | 80  |
| Nickel    | 1    | 1.1   | 107 |
| Selenium  | 5    | 4.6   | 91  |
| Silver    | 1    | 0.85  | 85  |
| Thallium  | 1    | 0.75  | 75  |
| Vanadium  | 5    | 5.1   | 102 |
| Zinc      | 5    | 5.0   | 99  |

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| Analyte   | True | Found | %R  |
|-----------|------|-------|-----|
| Antimony  | 1    | 0.86  | 86  |
| Arsenic   | 0.5  | 0.46  | 92  |
| Barium    | 5    | 4.1   | 82  |
| Beryllium | 0.5  | 0.45  | 90  |
| Cadmium   | 0.5  | 0.38  | 76  |
| Chromium  | 1    | 1.1   | 110 |
| Cobalt    | 0.5  | 0.52  | 104 |
| Copper    | 1    | 1.0   | 100 |
| Lead      | 0.5  | 0.41  | 82  |
| Nickel    | 0.5  | 0.52  | 104 |
| Selenium  | 2.5  | 2.3   | 92  |
| Silver    | 0.5  | 0.44  | 88  |
| Thallium  | 0.5  | 0.38  | 76  |
| Vanadium  | 2.5  | 2.5   | 100 |
| Zinc      | 2.5  | 2.3   | 92  |