

## LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51850 MA No.: \_\_\_\_\_ SDG No.: MC0B82  
 Matrix : Water Preparation Method: 200.8  
 Analytical Method: ICP-MS Preparation Batch: PB164766  
 Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight, or  $\mu\text{g}$ ):  $\mu\text{g/L}$

| Analyte   | True | Found | %R  |
|-----------|------|-------|-----|
| Aluminum  | 40   | 44    | 109 |
| Antimony  | 4    | 4.2   | 106 |
| Arsenic   | 2    | 2.4   | 118 |
| Barium    | 20   | 21    | 106 |
| Beryllium | 2    | 2.2   | 109 |
| Cadmium   | 2    | 2.2   | 110 |
| Calcium   | 1000 | 1000  | 101 |
| Chromium  | 4    | 4.7   | 118 |
| Cobalt    | 2    | 2.4   | 120 |
| Copper    | 4    | 5.0   | 125 |
| Iron      | 400  | 500   | 124 |
| Lead      | 2    | 2.2   | 110 |
| Magnesium | 1000 | 1200  | 118 |
| Manganese | 2    | 2.2   | 111 |
| Nickel    | 2    | 2.4   | 122 |
| Potassium | 1000 | 1100  | 112 |
| Selenium  | 10   | 11    | 111 |
| Silver    | 2    | 2.1   | 107 |
| Sodium    | 1000 | 1100  | 112 |
| Thallium  | 2    | 2.1   | 104 |
| Vanadium  | 10   | 11    | 111 |
| Zinc      | 10   | 12    | 124 |