

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Alliance Technical Group, LLC - Newark

**SDG No.:** Q3016

**Contract:** ALLI03

**Lab Code:** ACE

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB169563BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 2000       | 1990   |   | 100           | 85 - 115             | P |
| Antimony   | ug/L  | 800        | 802    |   | 100           | 85 - 115             | P |
| Arsenic    | ug/L  | 800        | 787    |   | 98            | 85 - 115             | P |
| Barium     | ug/L  | 200        | 190    |   | 95            | 85 - 115             | P |
| Beryllium  | ug/L  | 200        | 205    |   | 102           | 85 - 115             | P |
| Boron      | ug/L  | 300        | 305    |   | 102           | 85 - 115             | P |
| Cadmium    | ug/L  | 200        | 195    |   | 98            | 85 - 115             | P |
| Calcium    | ug/L  | 1000       | 997    | J | 100           | 85 - 115             | P |
| Chromium   | ug/L  | 400        | 397    |   | 99            | 85 - 115             | P |
| Cobalt     | ug/L  | 200        | 196    |   | 98            | 85 - 115             | P |
| Copper     | ug/L  | 300        | 307    |   | 102           | 85 - 115             | P |
| Iron       | ug/L  | 3000       | 2880   |   | 96            | 85 - 115             | P |
| Lead       | ug/L  | 1000       | 965    |   | 96            | 85 - 115             | P |
| Magnesium  | ug/L  | 2000       | 1990   | J | 100           | 85 - 115             | P |
| Manganese  | ug/L  | 200        | 198    |   | 99            | 85 - 115             | P |
| Molybdenum | ug/L  | 400        | 406    |   | 102           | 85 - 115             | P |
| Nickel     | ug/L  | 500        | 492    |   | 98            | 85 - 115             | P |
| Potassium  | ug/L  | 10000      | 9370   |   | 94            | 85 - 115             | P |
| Selenium   | ug/L  | 2000       | 1990   |   | 100           | 85 - 115             | P |
| Silver     | ug/L  | 75.0       | 70.1   |   | 94            | 85 - 115             | P |
| Sodium     | ug/L  | 3000       | 2700   |   | 90            | 85 - 115             | P |
| Thallium   | ug/L  | 2000       | 2040   |   | 102           | 85 - 115             | P |
| Tin        | ug/L  | 700        | 681    |   | 97            | 85 - 115             | P |
| Titanium   | ug/L  | 200        | 195    |   | 98            | 85 - 115             | P |
| Vanadium   | ug/L  | 300        | 292    |   | 97            | 85 - 115             | P |
| Zinc       | ug/L  | 200        | 203    |   | 102           | 85 - 115             | P |



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| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169747BS<br>Mercury | ug/L  | 4.0        | 3.96   |   | 99            | 85 - 115             | CV |