

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Weston Solutions **SDG No.:** Q1193  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1193 **SAS No.:** Q1193

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB166282BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 10000      | 9460   |   | 95            | 84 - 117             | P |
| Antimony   | ug/L  | 500        | 525    |   | 105           | 85 - 117             | P |
| Arsenic    | ug/L  | 500        | 510    |   | 102           | 84 - 116             | P |
| Barium     | ug/L  | 2500       | 2580   |   | 103           | 86 - 114             | P |
| Beryllium  | ug/L  | 500        | 491    |   | 98            | 83 - 121             | P |
| Cadmium    | ug/L  | 500        | 527    |   | 105           | 87 - 115             | P |
| Calcium    | ug/L  | 50000      | 48900  |   | 98            | 87 - 118             | P |
| Chromium   | ug/L  | 500        | 518    |   | 104           | 85 - 116             | P |
| Cobalt     | ug/L  | 500        | 510    |   | 102           | 86 - 115             | P |
| Copper     | ug/L  | 5000       | 5070   |   | 101           | 85 - 118             | P |
| Iron       | ug/L  | 25000      | 25100  |   | 100           | 87 - 118             | P |
| Lead       | ug/L  | 2500       | 2560   |   | 102           | 88 - 115             | P |
| Magnesium  | ug/L  | 50000      | 51200  |   | 102           | 83 - 118             | P |
| Manganese  | ug/L  | 5000       | 5020   |   | 100           | 87 - 115             | P |
| Nickel     | ug/L  | 500        | 509    |   | 102           | 85 - 117             | P |
| Potassium  | ug/L  | 25000      | 24500  |   | 98            | 87 - 115             | P |
| Selenium   | ug/L  | 500        | 502    |   | 100           | 80 - 120             | P |
| Silver     | ug/L  | 500        | 525    |   | 105           | 85 - 116             | P |
| Sodium     | ug/L  | 50000      | 51600  |   | 103           | 85 - 117             | P |
| Thallium   | ug/L  | 500        | 510    |   | 102           | 82 - 116             | P |
| Vanadium   | ug/L  | 500        | 503    |   | 101           | 86 - 115             | P |
| Zinc       | ug/L  | 5000       | 5150   |   | 103           | 83 - 119             | P |

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| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB166291BS<br>Mercury | ug/L  | 4.0        | 4.51   |   | 113           | 82 - 119             | CV |