

**Metals**

- 2b -

**CRDL STANDARD FOR AA & ICP**

**Client:** CDM Smith

**SDG No.:** Q3266

**Contract:** CAMP02

**Lab Code:** ACE

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury   | 0.20           | 0.2                | 101           | 70 - 130                  | CV | 10/03/2025       | 08:52            | LB137397      |
| <b>CRI01</b> | Aluminum  | 118            | 100                | 118           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Antimony  | 50.6           | 50.0               | 101           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Arsenic   | 21.4           | 20.0               | 107           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Barium    | 100            | 100                | 100           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Beryllium | 6.49           | 6.0                | 108           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Cadmium   | 6.04           | 6.0                | 101           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Calcium   | 2060           | 2000               | 103           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Chromium  | 9.90           | 10.0               | 99            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Cobalt    | 29.7           | 30.0               | 99            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Copper    | 21.2           | 20.0               | 106           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Iron      | 91.2           | 100                | 91            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Lead      | 10.2           | 12.0               | 85            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Magnesium | 2140           | 2000               | 107           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Manganese | 21.0           | 20.0               | 105           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Nickel    | 40.9           | 40.0               | 102           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Potassium | 1890           | 2000               | 94            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Selenium  | 21.2           | 20.0               | 106           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Silver    | 10.5           | 10.0               | 105           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Sodium    | 1910           | 2000               | 95            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Thallium  | 39.4           | 40.0               | 98            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Vanadium  | 39.8           | 40.0               | 100           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Zinc      | 42.0           | 40.0               | 105           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
| <b>CRI01</b> | Aluminum  | 90.0           | 100                | 90            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Antimony  | 49.9           | 50.0               | 100           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Arsenic   | 17.7           | 20.0               | 88            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Barium    | 97.4           | 100                | 97            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Beryllium | 6.27           | 6.0                | 104           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Cadmium   | 5.96           | 6.0                | 99            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Calcium   | 2040           | 2000               | 102           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Chromium  | 9.90           | 10.0               | 99            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Cobalt    | 29.6           | 30.0               | 99            | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Copper    | 22.2           | 20.0               | 111           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Iron      | 123            | 100                | 123           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |
|              | Lead      | 12.1           | 12.0               | 101           | 65 - 135                  | P  | 10/07/2025       | 12:10            | LB137447      |

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| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| <b>CRI01</b> | Magnesium | 2090           | 2000               | 104           | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Manganese | 20.9           | 20.0               | 105           | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Nickel    | 40.1           | 40.0               | 100           | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Potassium | 1880           | 2000               | 94            | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Selenium  | 22.6           | 20.0               | 113           | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Silver    | 9.85           | 10.0               | 98            | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Sodium    | 1910           | 2000               | 95            | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Thallium  | 45.0           | 40.0               | 113           | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Vanadium  | 37.6           | 40.0               | 94            | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |
|              | Zinc      | 37.9           | 40.0               | 95            | 65 - 135                  | P | 10/07/2025       | 12:10            | LB137447      |