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Fax : 908 789 8922

## Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

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 |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI01     | Antimony  | 53.4           | 50.0               | 107           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Arsenic   | 23.1           | 20.0               | 116           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Barium    | 113            | 100                | 113           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Beryllium | 6.95           | 6.0                | 116           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Cadmium   | 6.02           | 6.0                | 100           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Chromium  | 10.5           | 10.0               | 105           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Cobalt    | 30.2           | 30.0               | 101           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Copper    | 22.5           | 20.0               | 112           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Iron      | 88.5           | 100                | 88            | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Lead      | 13.3           | 12.0               | 111           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Manganese | 21.0           | 20.0               | 105           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Nickel    | 40.8           | 40.0               | 102           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Potassium | 1530           | 2000               | 77            | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Selenium  | 23.8           | 20.0               | 119           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Silver    | 10.3           | 10.0               | 103           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Sodium    | 1490           | 2000               | 74            | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Thallium  | 46.6           | 40.0               | 117           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Vanadium  | 37.2           | 40.0               | 93            | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
|           | Zinc      | 41.5           | 40.0               | 104           | 65 - 135                  | P | 10/02/2025       | 11:36            | LB137406      |
| CRI01     | 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      |
|           | 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      |
|           | 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      |

**Metals**

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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 |
|-----------|----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI01     | 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      |