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Fax : 908 789 8922

# Metals

- 2b -

## CRDL STANDARD FOR AA & ICP

Client: Nobis Group

SDG No.: Q2558

Contract: NOBI03

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 |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CRA       | Mercury   | 0.23           | 0.2                | 116           | 70 - 130                  | CV | 07/11/2025       | 14:28            | LB136438      |
| CRI01     | Aluminum  | 126            | 100                | 126           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Antimony  | 49.5           | 50.0               | 99            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Arsenic   | 16.7           | 20.0               | 83            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Barium    | 99.1           | 100                | 99            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Beryllium | 6.42           | 6.0                | 107           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Cadmium   | 5.57           | 6.0                | 93            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Calcium   | 2030           | 2000               | 101           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Chromium  | 10.6           | 10.0               | 106           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Cobalt    | 29.7           | 30.0               | 99            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Copper    | 22.4           | 20.0               | 112           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Iron      | 114            | 100                | 114           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Lead      | 9.89           | 12.0               | 82            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Magnesium | 2160           | 2000               | 108           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Manganese | 20.7           | 20.0               | 104           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Nickel    | 39.2           | 40.0               | 98            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Potassium | 1540           | 2000               | 77            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Selenium  | 20.4           | 20.0               | 102           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Silver    | 11.9           | 10.0               | 119           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Sodium    | 1800           | 2000               | 90            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Thallium  | 36.6           | 40.0               | 91            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Vanadium  | 37.6           | 40.0               | 94            | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
|           | Zinc      | 40.6           | 40.0               | 102           | 65 - 135                  | P  | 07/14/2025       | 14:26            | LB136469      |
| CRI01     | Aluminum  | 90.7           | 100                | 91            | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Antimony  | 48.4           | 50.0               | 97            | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Arsenic   | 20.0           | 20.0               | 100           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Barium    | 112            | 100                | 112           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Beryllium | 6.56           | 6.0                | 109           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Cadmium   | 5.68           | 6.0                | 95            | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Calcium   | 2120           | 2000               | 106           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Chromium  | 10.9           | 10.0               | 110           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Cobalt    | 30.4           | 30.0               | 101           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Copper    | 23.9           | 20.0               | 120           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Iron      | 113            | 100                | 113           | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |
|           | Lead      | 10.6           | 12.0               | 88            | 65 - 135                  | P  | 07/15/2025       | 19:56            | LB136488      |

**Metals**

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**CRDL STANDARD FOR AA & ICP**

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**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>CRI01</b> | Magnesium | 2380           | 2000               | 119           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Manganese | 23.3           | 20.0               | 117           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Nickel    | 39.9           | 40.0               | 100           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Potassium | 1860           | 2000               | 93            | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Selenium  | 23.6           | 20.0               | 118           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Silver    | 11.3           | 10.0               | 113           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Sodium    | 1970           | 2000               | 98            | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Thallium  | 40.4           | 40.0               | 101           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Vanadium  | 39.5           | 40.0               | 99            | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |
|              | Zinc      | 44.1           | 40.0               | 110           | 65 - 135                  | P | 07/15/2025       | 19:56            | LB136488      |