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# Metals

- 2b -

## CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc.

SDG No.: P3657

Contract: JACO05

Lab Code: CHEM

Case No.: P3657

SAS No.: P3657

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                | 117           | 40 - 160                  | CV | 08/22/2024       | 14:35            | LB132130      |
| CRI       | Aluminum  | 20.0           | 20.0               | 100           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Antimony  | 1.94           | 2.0                | 97            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Arsenic   | 1.00           | 1.0                | 100           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Barium    | 9.47           | 10.0               | 95            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Beryllium | 1.12           | 1.0                | 112           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Cadmium   | 0.97           | 1.0                | 97            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Calcium   | 479            | 500                | 96            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Chromium  | 1.92           | 2.0                | 96            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Cobalt    | 1.02           | 1.0                | 102           | 50 - 150                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Copper    | 2.04           | 2.0                | 102           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Iron      | 50.1           | 50.0               | 100           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Lead      | 0.91           | 1.0                | 91            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Magnesium | 528            | 500                | 106           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Manganese | 0.96           | 1.0                | 96            | 50 - 150                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Nickel    | 1.05           | 1.0                | 105           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Potassium | 527            | 500                | 105           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Selenium  | 4.95           | 5.0                | 99            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Silver    | 0.95           | 1.0                | 95            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Sodium    | 554            | 500                | 111           | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Thallium  | 0.87           | 1.0                | 87            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Vanadium  | 4.85           | 5.0                | 97            | 70 - 130                  | P  | 09/04/2024       | 14:40            | LB132280      |
|           | Zinc      | 4.81           | 5.0                | 96            | 50 - 150                  | P  | 09/04/2024       | 14:40            | LB132280      |