

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental

**SDG No.:** Q3278

**Contract:** GENV01

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Iron      | 3940           | 4000       | 99            | 90 - 110                  | P | 10/08/2025       | 12:24            | LB137466      |
|           | Manganese | 1960           | 2000       | 98            | 90 - 110                  | P | 10/08/2025       | 12:24            | LB137466      |
|           | Sodium    | 19000          | 20000      | 95            | 90 - 110                  | P | 10/08/2025       | 12:24            | LB137466      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Iron      | 107            | 100        | 107           | 80 - 120                  | P | 10/08/2025       | 12:32            | LB137466      |
|           | Manganese | 20.4           | 20.0       | 102           | 80 - 120                  | P | 10/08/2025       | 12:32            | LB137466      |
|           | Sodium    | 1770           | 2000       | 89            | 80 - 120                  | P | 10/08/2025       | 12:32            | LB137466      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Iron      | 5120           | 5000       | 102           | 90 - 110                  | P | 10/08/2025       | 13:12            | LB137466      |
|           | Manganese | 2530           | 2500       | 101           | 90 - 110                  | P | 10/08/2025       | 13:12            | LB137466      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 10/08/2025       | 13:12            | LB137466      |
| CCV02     | Iron      | 4760           | 5000       | 95            | 90 - 110                  | P | 10/08/2025       | 14:14            | LB137466      |
|           | Manganese | 2420           | 2500       | 97            | 90 - 110                  | P | 10/08/2025       | 14:14            | LB137466      |
|           | Sodium    | 24100          | 25000      | 96            | 90 - 110                  | P | 10/08/2025       | 14:14            | LB137466      |
| CCV03     | Iron      | 4600           | 5000       | 92            | 90 - 110                  | P | 10/08/2025       | 15:04            | LB137466      |
|           | Manganese | 2340           | 2500       | 94            | 90 - 110                  | P | 10/08/2025       | 15:04            | LB137466      |
|           | Sodium    | 22600          | 25000      | 90            | 90 - 110                  | P | 10/08/2025       | 15:04            | LB137466      |
| CCV04     | Iron      | 4810           | 5000       | 96            | 90 - 110                  | P | 10/08/2025       | 16:11            | LB137466      |
|           | Manganese | 2500           | 2500       | 100           | 90 - 110                  | P | 10/08/2025       | 16:11            | LB137466      |
|           | Sodium    | 26100          | 25000      | 104           | 90 - 110                  | P | 10/08/2025       | 16:11            | LB137466      |
| CCV05     | Iron      | 5110           | 5000       | 102           | 90 - 110                  | P | 10/08/2025       | 17:02            | LB137466      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 10/08/2025       | 17:02            | LB137466      |
|           | Sodium    | 26900          | 25000      | 108           | 90 - 110                  | P | 10/08/2025       | 17:02            | LB137466      |
| CCV06     | Iron      | 4990           | 5000       | 100           | 90 - 110                  | P | 10/08/2025       | 17:53            | LB137466      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 10/08/2025       | 17:53            | LB137466      |
|           | Sodium    | 26000          | 25000      | 104           | 90 - 110                  | P | 10/08/2025       | 17:53            | LB137466      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Iron      | 4110           | 4000       | 103           | 90 - 110                  | P | 10/09/2025       | 11:44            | LB137484      |
|           | Manganese | 1900           | 2000       | 95            | 90 - 110                  | P | 10/09/2025       | 11:44            | LB137484      |
|           | Sodium    | 19600          | 20000      | 98            | 90 - 110                  | P | 10/09/2025       | 11:44            | LB137484      |

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| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Iron      | 105            | 100        | 105           | 80 - 120                  | P | 10/09/2025       | 11:49            | LB137484      |
|           | Manganese | 21.6           | 20.0       | 108           | 80 - 120                  | P | 10/09/2025       | 11:49            | LB137484      |
|           | Sodium    | 1610           | 2000       | 80            | 80 - 120                  | P | 10/09/2025       | 11:49            | LB137484      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Iron      | 5060           | 5000       | 101           | 90 - 110                  | P | 10/09/2025       | 12:34            | LB137484      |
|           | Manganese | 2500           | 2500       | 100           | 90 - 110                  | P | 10/09/2025       | 12:34            | LB137484      |
|           | Sodium    | 24400          | 25000      | 98            | 90 - 110                  | P | 10/09/2025       | 12:34            | LB137484      |
| CCV02     | Iron      | 4790           | 5000       | 96            | 90 - 110                  | P | 10/09/2025       | 14:16            | LB137484      |
|           | Manganese | 2300           | 2500       | 92            | 90 - 110                  | P | 10/09/2025       | 14:16            | LB137484      |
|           | Sodium    | 23500          | 25000      | 94            | 90 - 110                  | P | 10/09/2025       | 14:16            | LB137484      |
| CCV03     | Iron      | 4910           | 5000       | 98            | 90 - 110                  | P | 10/09/2025       | 15:26            | LB137484      |
|           | Manganese | 2310           | 2500       | 92            | 90 - 110                  | P | 10/09/2025       | 15:26            | LB137484      |
|           | Sodium    | 23400          | 25000      | 94            | 90 - 110                  | P | 10/09/2025       | 15:26            | LB137484      |
| CCV04     | Iron      | 4790           | 5000       | 96            | 90 - 110                  | P | 10/09/2025       | 16:26            | LB137484      |
|           | Manganese | 2350           | 2500       | 94            | 90 - 110                  | P | 10/09/2025       | 16:26            | LB137484      |
|           | Sodium    | 24300          | 25000      | 97            | 90 - 110                  | P | 10/09/2025       | 16:26            | LB137484      |
| CCV05     | Iron      | 4660           | 5000       | 93            | 90 - 110                  | P | 10/09/2025       | 17:27            | LB137484      |
|           | Manganese | 2360           | 2500       | 94            | 90 - 110                  | P | 10/09/2025       | 17:27            | LB137484      |
|           | Sodium    | 23100          | 25000      | 92            | 90 - 110                  | P | 10/09/2025       | 17:27            | LB137484      |
| CCV06     | Iron      | 4910           | 5000       | 98            | 90 - 110                  | P | 10/09/2025       | 18:16            | LB137484      |
|           | Manganese | 2360           | 2500       | 94            | 90 - 110                  | P | 10/09/2025       | 18:16            | LB137484      |
|           | Sodium    | 26600          | 25000      | 106           | 90 - 110                  | P | 10/09/2025       | 18:16            | LB137484      |
| CCV07     | Iron      | 5090           | 5000       | 102           | 90 - 110                  | P | 10/09/2025       | 18:28            | LB137484      |
|           | Manganese | 2310           | 2500       | 92            | 90 - 110                  | P | 10/09/2025       | 18:28            | LB137484      |
|           | Sodium    | 26300          | 25000      | 105           | 90 - 110                  | P | 10/09/2025       | 18:28            | LB137484      |