

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

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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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV73     | Mercury | 4.04           | 4.0        | 101           | 90 - 110                  | CV | 04/02/2025       | 14:10            | LB135269      |

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**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

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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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV23     | Mercury | 4.78           | 5.0        | 96            | 90 - 110                  | CV | 04/02/2025       | 14:14            | LB135269      |
| CCV24     | Mercury | 4.72           | 5.0        | 94            | 90 - 110                  | CV | 04/02/2025       | 14:44            | LB135269      |
| CCV25     | Mercury | 4.52           | 5.0        | 90            | 90 - 110                  | CV | 04/02/2025       | 15:03            | LB135269      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690

**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690

**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     | Aluminum  | 2600           | 2500       | 104           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Antimony  | 1070           | 1000       | 107           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Arsenic   | 1040           | 1000       | 104           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Barium    | 495            | 520        | 95            | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Beryllium | 494            | 510        | 97            | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Cadmium   | 511            | 510        | 100           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Calcium   | 10000          | 10000      | 100           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Chromium  | 529            | 520        | 102           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Cobalt    | 520            | 520        | 100           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Copper    | 516            | 510        | 101           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Iron      | 10300          | 10000      | 103           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Lead      | 1010           | 1000       | 101           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Magnesium | 5780           | 6000       | 96            | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Manganese | 501            | 520        | 96            | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Nickel    | 549            | 530        | 104           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Potassium | 10200          | 9900       | 103           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Selenium  | 1050           | 1000       | 105           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Silver    | 261            | 250        | 104           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Sodium    | 10500          | 10000      | 105           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Thallium  | 1100           | 1000       | 110           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Vanadium  | 497            | 500        | 100           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |
|           | Zinc      | 1030           | 1000       | 103           | 90 - 110                  | P | 04/03/2025       | 12:06            | LB135289      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: G Environmental SDG No.: Q1690  
Contract: GENV01 Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690  
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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 108            | 100        | 108           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Antimony  | 50.7           | 50.0       | 101           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Arsenic   | 20.6           | 20.0       | 103           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Barium    | 88.9           | 100        | 89            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Beryllium | 5.78           | 6.0        | 96            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Cadmium   | 5.76           | 6.0        | 96            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Calcium   | 1970           | 2000       | 99            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Chromium  | 9.76           | 10.0       | 98            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Cobalt    | 28.7           | 30.0       | 96            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Copper    | 22.8           | 20.0       | 114           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Iron      | 102            | 100        | 102           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Lead      | 11.1           | 12.0       | 93            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Magnesium | 2010           | 2000       | 100           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Manganese | 16.8           | 20.0       | 84            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Nickel    | 38.6           | 40.0       | 96            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Potassium | 1900           | 2000       | 95            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Selenium  | 17.6           | 20.0       | 88            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Silver    | 10.4           | 10.0       | 104           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Sodium    | 1990           | 2000       | 99            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Thallium  | 39.8           | 40.0       | 100           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Vanadium  | 39.2           | 40.0       | 98            | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |
|           | Zinc      | 45.4           | 40.0       | 114           | 80 - 120                  | P | 04/03/2025       | 12:11            | LB135289      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690

**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9890           | 10000      | 99            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Antimony  | 5130           | 5000       | 103           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Arsenic   | 5050           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Barium    | 9400           | 10000      | 94            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Beryllium | 240            | 250        | 96            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Calcium   | 23900          | 25000      | 96            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Cobalt    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Copper    | 1270           | 1250       | 102           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Iron      | 4870           | 5000       | 97            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Lead      | 4930           | 5000       | 99            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Magnesium | 23600          | 25000      | 94            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Manganese | 2320           | 2500       | 93            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Nickel    | 2430           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Potassium | 24800          | 25000      | 99            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Selenium  | 5110           | 5000       | 102           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Sodium    | 25700          | 25000      | 103           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Thallium  | 5150           | 5000       | 103           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
|           | Zinc      | 2530           | 2500       | 101           | 90 - 110                  | P | 04/03/2025       | 12:41            | LB135289      |
| CCV02     | Aluminum  | 9620           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Antimony  | 5080           | 5000       | 102           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Arsenic   | 5030           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Barium    | 9400           | 10000      | 94            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Beryllium | 228            | 250        | 91            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Cadmium   | 2410           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Calcium   | 23200          | 25000      | 93            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Chromium  | 995            | 1000       | 100           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Cobalt    | 2420           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Iron      | 4860           | 5000       | 97            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Lead      | 4860           | 5000       | 97            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690  
**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 22900          | 25000      | 91            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Manganese | 2260           | 2500       | 90            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Nickel    | 2420           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Potassium | 24800          | 25000      | 99            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Selenium  | 5060           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Sodium    | 25600          | 25000      | 102           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Thallium  | 5010           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Vanadium  | 2350           | 2500       | 94            | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
|           | Zinc      | 2490           | 2500       | 100           | 90 - 110                  | P | 04/03/2025       | 13:53            | LB135289      |
| CCV03     | Aluminum  | 9770           | 10000      | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Antimony  | 5090           | 5000       | 102           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Arsenic   | 5030           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Beryllium | 242            | 250        | 97            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Calcium   | 23700          | 25000      | 95            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Copper    | 1270           | 1250       | 102           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Iron      | 4880           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Lead      | 4910           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Manganese | 2320           | 2500       | 93            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Nickel    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Potassium | 24600          | 25000      | 99            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Selenium  | 5080           | 5000       | 102           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Sodium    | 25300          | 25000      | 101           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Thallium  | 5200           | 5000       | 104           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 04/03/2025       | 14:39            | LB135289      |
| CCV04     | Aluminum  | 9360           | 10000      | 94            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Antimony  | 4900           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690

**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Beryllium | 231            | 250        | 92            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Cadmium   | 2430           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Calcium   | 23100          | 25000      | 92            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Chromium  | 990            | 1000       | 99            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Cobalt    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Iron      | 4970           | 5000       | 99            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Lead      | 4850           | 5000       | 97            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Magnesium | 23700          | 25000      | 95            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Manganese | 2300           | 2500       | 92            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Potassium | 25000          | 25000      | 100           | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Selenium  | 4900           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Sodium    | 25200          | 25000      | 101           | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Thallium  | 5110           | 5000       | 102           | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Vanadium  | 2390           | 2500       | 96            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
|           | Zinc      | 2460           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 15:32            | LB135289      |
| CCV05     | Aluminum  | 9300           | 10000      | 93            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Antimony  | 4940           | 5000       | 99            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Arsenic   | 4900           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Barium    | 9610           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Beryllium | 227            | 250        | 91            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Calcium   | 23000          | 25000      | 92            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Chromium  | 994            | 1000       | 99            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Iron      | 4900           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Lead      | 4860           | 5000       | 97            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Magnesium | 23700          | 25000      | 95            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Manganese | 2260           | 2500       | 91            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690

**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Potassium | 24700          | 25000      | 99            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Selenium  | 4900           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Silver    | 1220           | 1250       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Sodium    | 25100          | 25000      | 100           | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Thallium  | 5060           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Vanadium  | 2380           | 2500       | 95            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 04/03/2025       | 16:36            | LB135289      |
| CCV06     | Aluminum  | 9570           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Antimony  | 5050           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Arsenic   | 5010           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Barium    | 9640           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Beryllium | 239            | 250        | 96            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Cadmium   | 2480           | 2500       | 99            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Calcium   | 23600          | 25000      | 94            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Cobalt    | 2490           | 2500       | 100           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Iron      | 4880           | 5000       | 98            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Lead      | 4940           | 5000       | 99            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Magnesium | 24100          | 25000      | 97            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Manganese | 2310           | 2500       | 92            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Potassium | 25300          | 25000      | 101           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Selenium  | 5020           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Sodium    | 27000          | 25000      | 108           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Thallium  | 5220           | 5000       | 104           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Vanadium  | 2430           | 2500       | 97            | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
|           | Zinc      | 2530           | 2500       | 101           | 90 - 110                  | P | 04/03/2025       | 17:48            | LB135289      |
| CCV07     | Aluminum  | 9840           | 10000      | 98            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Antimony  | 5050           | 5000       | 101           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Arsenic   | 5020           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Barium    | 9620           | 10000      | 96            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental **SDG No.:** Q1690  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1690 **SAS No.:** Q1690  
**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 253            | 250        | 101           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Cadmium   | 2490           | 2500       | 100           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Chromium  | 1050           | 1000       | 104           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Cobalt    | 2500           | 2500       | 100           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Iron      | 4960           | 5000       | 99            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Lead      | 4980           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Magnesium | 24700          | 25000      | 99            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Manganese | 2360           | 2500       | 94            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Potassium | 25300          | 25000      | 101           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Selenium  | 5010           | 5000       | 100           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Silver    | 1290           | 1250       | 103           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Sodium    | 26600          | 25000      | 106           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Thallium  | 5310           | 5000       | 106           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Vanadium  | 2470           | 2500       | 99            | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |
|           | Zinc      | 2590           | 2500       | 104           | 90 - 110                  | P | 04/03/2025       | 18:29            | LB135289      |