

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental

**SDG No.:** Q2743

**Contract:** GENV01

**Lab Code:** ACE

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV54     | Mercury | 4.09           | 4.0        | 102           | 90 - 110                  | CV | 08/06/2025       | 09:10            | LB136721      |

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|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV89     | Mercury | 4.83           | 5.0        | 97            | 90 - 110                  | CV | 08/06/2025       | 09:14            | LB136721      |
| CCV90     | Mercury | 4.82           | 5.0        | 96            | 90 - 110                  | CV | 08/06/2025       | 09:49            | LB136721      |
| CCV91     | Mercury | 4.78           | 5.0        | 96            | 90 - 110                  | CV | 08/06/2025       | 10:02            | LB136721      |

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 3970           | 4000       | 99            | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Barium   | 7810           | 8000       | 98            | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Cadmium  | 1980           | 2000       | 99            | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Chromium | 812            | 800        | 102           | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Lead     | 4080           | 4000       | 102           | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Selenium | 4000           | 4000       | 100           | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |
|           | Silver   | 982            | 1000       | 98            | 90 - 110                  | P | 08/04/2025       | 11:41            | LB136697      |

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Arsenic  | 21.5           | 20.0       | 108           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Barium   | 106            | 100        | 106           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Cadmium  | 6.26           | 6.0        | 104           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Chromium | 8.92           | 10.0       | 89            | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Lead     | 12.4           | 12.0       | 103           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Selenium | 20.1           | 20.0       | 101           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |
|           | Silver   | 10.7           | 10.0       | 106           | 80 - 120                  | P | 08/04/2025       | 11:45            | LB136697      |

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 5060           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Barium   | 9830           | 10000      | 98            | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Cadmium  | 2530           | 2500       | 101           | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Chromium | 969            | 1000       | 97            | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Lead     | 5010           | 5000       | 100           | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Selenium | 5080           | 5000       | 102           | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
|           | Silver   | 1220           | 1250       | 98            | 90 - 110                  | P | 08/04/2025       | 12:25            | LB136697      |
| CCV02     | Arsenic  | 5040           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Cadmium  | 2530           | 2500       | 101           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Chromium | 1000           | 1000       | 100           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Lead     | 5020           | 5000       | 100           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Selenium | 5050           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 08/04/2025       | 13:37            | LB136697      |
| CCV03     | Arsenic  | 4890           | 5000       | 98            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Barium   | 9740           | 10000      | 97            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Cadmium  | 2310           | 2500       | 92            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Chromium | 907            | 1000       | 91            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Lead     | 4640           | 5000       | 93            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Selenium | 5050           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
|           | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 08/04/2025       | 14:43            | LB136697      |
| CCV04     | Arsenic  | 4930           | 5000       | 99            | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Cadmium  | 2340           | 2500       | 94            | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Chromium | 916            | 1000       | 92            | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Lead     | 4720           | 5000       | 94            | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Selenium | 5070           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
|           | Silver   | 1230           | 1250       | 98            | 90 - 110                  | P | 08/04/2025       | 15:48            | LB136697      |
| CCV05     | Arsenic  | 5050           | 5000       | 101           | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
|           | Barium   | 10200          | 10000      | 102           | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
|           | Cadmium  | 2360           | 2500       | 94            | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
|           | Chromium | 925            | 1000       | 92            | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
|           | Lead     | 4760           | 5000       | 95            | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
|           | Selenium | 5200           | 5000       | 104           | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 08/04/2025       | 16:51            | LB136697      |
| CCV06     | Arsenic  | 5210           | 5000       | 104           | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Barium   | 10500          | 10000      | 105           | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Cadmium  | 2460           | 2500       | 98            | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Chromium | 982            | 1000       | 98            | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Lead     | 4950           | 5000       | 99            | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Selenium | 5380           | 5000       | 108           | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
|           | Silver   | 1300           | 1250       | 104           | 90 - 110                  | P | 08/04/2025       | 17:41            | LB136697      |
| CCV07     | Arsenic  | 5180           | 5000       | 104           | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Barium   | 10500          | 10000      | 105           | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Cadmium  | 2460           | 2500       | 98            | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Chromium | 966            | 1000       | 97            | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Lead     | 4950           | 5000       | 99            | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Selenium | 5300           | 5000       | 106           | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |
|           | Silver   | 1280           | 1250       | 103           | 90 - 110                  | P | 08/04/2025       | 17:58            | LB136697      |