

**Metals**

**- 2a -**

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q2177  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177  
**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV26     | Mercury | 3.93           | 4.0        | 98            | 90 - 110                  | CV | 06/04/2025       | 10:25            | LB135995      |

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|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV95     | Mercury | 4.86           | 5.0        | 97            | 90 - 110                  | CV | 06/04/2025       | 10:32            | LB135995      |
| CCV96     | Mercury | 4.82           | 5.0        | 96            | 90 - 110                  | CV | 06/04/2025       | 11:02            | LB135995      |
| CCV97     | Mercury | 4.75           | 5.0        | 95            | 90 - 110                  | CV | 06/04/2025       | 11:29            | LB135995      |
| CCV98     | Mercury | 4.66           | 5.0        | 93            | 90 - 110                  | CV | 06/04/2025       | 11:53            | LB135995      |

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**Continuing Calibration Source:** Inorganic Ventures

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 1000           | 1000       | 100           | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Barium   | 552            | 520        | 106           | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Cadmium  | 500            | 510        | 98            | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Chromium | 518            | 520        | 100           | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Lead     | 976            | 1000       | 98            | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Selenium | 1000           | 1000       | 100           | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |
|           | Silver   | 234            | 250        | 94            | 90 - 110                  | P | 06/04/2025       | 15:49            | LB136011      |

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Client: Portal Partners Tri-Venture      SDG No.: Q2177

Contract: PORT06      Lab Code: CHEM      Case No.: Q2177      SAS No.: Q2177

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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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   | Arsenic  | 18.1           | 20.0       | 90            | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Barium   | 88.2           | 100        | 88            | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Cadmium  | 5.84           | 6.0        | 97            | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Chromium | 10.2           | 10.0       | 102           | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Lead     | 11.3           | 12.0       | 94            | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Selenium | 23.1           | 20.0       | 115           | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |
|           | Silver   | 9.80           | 10.0       | 98            | 80 - 120                  | P | 06/04/2025       | 16:06            | LB136011      |

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**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

**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     | Arsenic  | 5030           | 5000       | 101           | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Barium   | 9780           | 10000      | 98            | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Cadmium  | 2510           | 2500       | 100           | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Chromium | 993            | 1000       | 99            | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Lead     | 5010           | 5000       | 100           | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Selenium | 5070           | 5000       | 101           | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
|           | Silver   | 1230           | 1250       | 99            | 90 - 110                  | P | 06/04/2025       | 16:45            | LB136011      |
| CCV02     | Arsenic  | 4960           | 5000       | 99            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Barium   | 9200           | 10000      | 92            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Cadmium  | 2460           | 2500       | 98            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Chromium | 985            | 1000       | 98            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Lead     | 4910           | 5000       | 98            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Selenium | 5060           | 5000       | 101           | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
|           | Silver   | 1230           | 1250       | 98            | 90 - 110                  | P | 06/04/2025       | 17:35            | LB136011      |
| CCV03     | Arsenic  | 4790           | 5000       | 96            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Barium   | 9130           | 10000      | 91            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Cadmium  | 2390           | 2500       | 95            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Chromium | 953            | 1000       | 95            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Lead     | 4750           | 5000       | 95            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Selenium | 4850           | 5000       | 97            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
|           | Silver   | 1190           | 1250       | 96            | 90 - 110                  | P | 06/04/2025       | 18:37            | LB136011      |
| CCV04     | Arsenic  | 4700           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Barium   | 9070           | 10000      | 91            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Cadmium  | 2360           | 2500       | 94            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Chromium | 944            | 1000       | 94            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Lead     | 4700           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Selenium | 4750           | 5000       | 95            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
|           | Silver   | 1170           | 1250       | 94            | 90 - 110                  | P | 06/04/2025       | 19:26            | LB136011      |
| CCV05     | Arsenic  | 4700           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
|           | Barium   | 9550           | 10000      | 96            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
|           | Cadmium  | 2350           | 2500       | 94            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
|           | Chromium | 942            | 1000       | 94            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
|           | Lead     | 4720           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
|           | Selenium | 4730           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |

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|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1190           | 1250       | 95            | 90 - 110                  | P | 06/04/2025       | 20:12            | LB136011      |
| CCV06     | Arsenic  | 4620           | 5000       | 92            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Barium   | 9410           | 10000      | 94            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Cadmium  | 2320           | 2500       | 93            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Chromium | 930            | 1000       | 93            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Lead     | 4650           | 5000       | 93            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Selenium | 4630           | 5000       | 92            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
|           | Silver   | 1160           | 1250       | 93            | 90 - 110                  | P | 06/04/2025       | 20:58            | LB136011      |
| CCV07     | Arsenic  | 4710           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Barium   | 9600           | 10000      | 96            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Cadmium  | 2370           | 2500       | 95            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Chromium | 945            | 1000       | 94            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Lead     | 4730           | 5000       | 95            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Selenium | 4690           | 5000       | 94            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
|           | Silver   | 1190           | 1250       | 95            | 90 - 110                  | P | 06/04/2025       | 21:41            | LB136011      |
| CCV08     | Arsenic  | 4620           | 5000       | 92            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Barium   | 9210           | 10000      | 92            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Cadmium  | 2330           | 2500       | 93            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Chromium | 937            | 1000       | 94            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Lead     | 4670           | 5000       | 93            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Selenium | 4580           | 5000       | 92            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |
|           | Silver   | 1170           | 1250       | 94            | 90 - 110                  | P | 06/04/2025       | 22:06            | LB136011      |