

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV31     | Mercury | 4.04           | 4.0        | 101           | 90 - 110                  | CV | 06/10/2025       | 10:39            | LB136079      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV17     | Mercury | 4.62           | 5.0        | 92            | 90 - 110                  | CV | 06/10/2025       | 10:43            | LB136079      |
| CCV18     | Mercury | 4.87           | 5.0        | 98            | 90 - 110                  | CV | 06/10/2025       | 11:32            | LB136079      |
| CCV19     | Mercury | 5.40           | 5.0        | 108           | 90 - 110                  | CV | 06/10/2025       | 12:12            | LB136079      |
| CCV20     | Mercury | 4.67           | 5.0        | 93            | 90 - 110                  | CV | 06/10/2025       | 12:57            | LB136079      |
| CCV21     | Mercury | 5.40           | 5.0        | 108           | 90 - 110                  | CV | 06/10/2025       | 13:30            | LB136079      |
| CCV22     | Mercury | 4.85           | 5.0        | 97            | 90 - 110                  | CV | 06/10/2025       | 14:28            | LB136079      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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     | Arsenic  | 964            | 1000       | 96            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Barium   | 477            | 520        | 92            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Cadmium  | 472            | 510        | 93            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Chromium | 504            | 520        | 97            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Copper   | 505            | 510        | 99            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Lead     | 927            | 1000       | 93            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Nickel   | 505            | 530        | 95            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Selenium | 947            | 1000       | 95            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Silver   | 256            | 250        | 102           | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |
|           | Zinc     | 967            | 1000       | 97            | 90 - 110                  | P | 06/09/2025       | 12:31            | LB136071      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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   | Arsenic  | 18.9           | 20.0       | 95            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Barium   | 93.5           | 100        | 94            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Cadmium  | 5.83           | 6.0        | 97            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Chromium | 9.51           | 10.0       | 95            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Copper   | 21.2           | 20.0       | 106           | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Lead     | 13.3           | 12.0       | 111           | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Nickel   | 39.5           | 40.0       | 99            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Selenium | 17.9           | 20.0       | 89            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Silver   | 9.82           | 10.0       | 98            | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |
|           | Zinc     | 43.3           | 40.0       | 108           | 80 - 120                  | P | 06/09/2025       | 12:36            | LB136071      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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  | 5000           | 5000       | 100           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Barium   | 9520           | 10000      | 95            | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Chromium | 997            | 1000       | 100           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Copper   | 1260           | 1250       | 100           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Lead     | 4900           | 5000       | 98            | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Nickel   | 2460           | 2500       | 98            | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Selenium | 5060           | 5000       | 101           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
|           | Zinc     | 2490           | 2500       | 100           | 90 - 110                  | P | 06/09/2025       | 13:06            | LB136071      |
| CCV02     | Arsenic  | 4990           | 5000       | 100           | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Barium   | 9530           | 10000      | 95            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Chromium | 987            | 1000       | 99            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Copper   | 1260           | 1250       | 100           | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Lead     | 4900           | 5000       | 98            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Nickel   | 2460           | 2500       | 98            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Selenium | 5060           | 5000       | 101           | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Silver   | 1230           | 1250       | 99            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
|           | Zinc     | 2460           | 2500       | 98            | 90 - 110                  | P | 06/09/2025       | 13:53            | LB136071      |
| CCV03     | Arsenic  | 4930           | 5000       | 98            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Barium   | 9250           | 10000      | 92            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Cadmium  | 2390           | 2500       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Chromium | 958            | 1000       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Copper   | 1240           | 1250       | 99            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Lead     | 4800           | 5000       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Nickel   | 2410           | 2500       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Selenium | 5010           | 5000       | 100           | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Silver   | 1200           | 1250       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
|           | Zinc     | 2400           | 2500       | 96            | 90 - 110                  | P | 06/09/2025       | 14:39            | LB136071      |
| CCV04     | Arsenic  | 4800           | 5000       | 96            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Barium   | 9450           | 10000      | 94            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Cadmium  | 2330           | 2500       | 93            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Chromium | 961            | 1000       | 96            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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     | Copper   | 1210           | 1250       | 97            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Lead     | 4700           | 5000       | 94            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Nickel   | 2360           | 2500       | 94            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Selenium | 4870           | 5000       | 97            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
|           | Zinc     | 2430           | 2500       | 97            | 90 - 110                  | P | 06/09/2025       | 15:34            | LB136071      |
| CCV05     | Arsenic  | 4780           | 5000       | 96            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Barium   | 9510           | 10000      | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Cadmium  | 2350           | 2500       | 94            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Chromium | 953            | 1000       | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Copper   | 1210           | 1250       | 96            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Lead     | 4730           | 5000       | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Nickel   | 2370           | 2500       | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Selenium | 4840           | 5000       | 97            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Silver   | 1190           | 1250       | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |
|           | Zinc     | 2370           | 2500       | 95            | 90 - 110                  | P | 06/09/2025       | 16:23            | LB136071      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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     | Arsenic  | 3850           | 4000       | 96            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Barium   | 7450           | 8000       | 93            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Cadmium  | 1920           | 2000       | 96            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Chromium | 794            | 800        | 99            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Copper   | 994            | 1000       | 99            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Lead     | 3800           | 4000       | 95            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Nickel   | 1930           | 2000       | 97            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Selenium | 3880           | 4000       | 97            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Silver   | 978            | 1000       | 98            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |
|           | Zinc     | 1980           | 2000       | 99            | 90 - 110                  | P | 06/10/2025       | 14:37            | LB136097      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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   | Arsenic  | 21.2           | 20.0       | 106           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Barium   | 101            | 100        | 101           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Cadmium  | 6.31           | 6.0        | 105           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Chromium | 10.8           | 10.0       | 108           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Copper   | 22.6           | 20.0       | 113           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Lead     | 12.8           | 12.0       | 107           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Nickel   | 41.6           | 40.0       | 104           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Selenium | 19.7           | 20.0       | 98            | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Silver   | 10.5           | 10.0       | 105           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |
|           | Zinc     | 43.7           | 40.0       | 109           | 80 - 120                  | P | 06/10/2025       | 14:41            | LB136097      |

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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  | 5050           | 5000       | 101           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Barium   | 9840           | 10000      | 98            | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Cadmium  | 2510           | 2500       | 100           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Chromium | 1030           | 1000       | 103           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Copper   | 1270           | 1250       | 101           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Lead     | 5030           | 5000       | 100           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Nickel   | 2510           | 2500       | 100           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Selenium | 5080           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Silver   | 1270           | 1250       | 101           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
|           | Zinc     | 2560           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 15:30            | LB136097      |
| CCV02     | Arsenic  | 5070           | 5000       | 101           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Barium   | 9830           | 10000      | 98            | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Cadmium  | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Chromium | 1030           | 1000       | 103           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Copper   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Lead     | 5070           | 5000       | 101           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Nickel   | 2540           | 2500       | 101           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Selenium | 5100           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Silver   | 1270           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
|           | Zinc     | 2570           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 16:28            | LB136097      |
| CCV03     | Arsenic  | 5130           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Barium   | 10200          | 10000      | 102           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Cadmium  | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Chromium | 1030           | 1000       | 103           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Copper   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Lead     | 5080           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Nickel   | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Selenium | 5140           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Silver   | 1280           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
|           | Zinc     | 2580           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 17:36            | LB136097      |
| CCV04     | Arsenic  | 5200           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Barium   | 10300          | 10000      | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Cadmium  | 2580           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Chromium | 1050           | 1000       | 105           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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     | Copper   | 1290           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Lead     | 5160           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Nickel   | 2570           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Selenium | 5220           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Silver   | 1290           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
|           | Zinc     | 2540           | 2500       | 101           | 90 - 110                  | P | 06/10/2025       | 18:28            | LB136097      |
| CCV05     | Arsenic  | 5170           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Barium   | 10200          | 10000      | 102           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Cadmium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Chromium | 1030           | 1000       | 103           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Copper   | 1270           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Lead     | 5090           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Nickel   | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Selenium | 5190           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Silver   | 1260           | 1250       | 101           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
|           | Zinc     | 2510           | 2500       | 100           | 90 - 110                  | P | 06/10/2025       | 19:18            | LB136097      |
| CCV06     | Arsenic  | 5160           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Barium   | 9960           | 10000      | 100           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Cadmium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Chromium | 1050           | 1000       | 105           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Copper   | 1270           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Lead     | 5110           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Nickel   | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Selenium | 5190           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Silver   | 1290           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
|           | Zinc     | 2570           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 20:09            | LB136097      |
| CCV07     | Arsenic  | 5230           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Cadmium  | 2600           | 2500       | 104           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Chromium | 1050           | 1000       | 105           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Copper   | 1270           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Lead     | 5210           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Nickel   | 2590           | 2500       | 104           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Selenium | 5230           | 5000       | 105           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q2236  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q2236 **SAS No.:** Q2236  
**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     | Silver   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
|           | Zinc     | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 21:04            | LB136097      |
| CCV08     | Arsenic  | 5240           | 5000       | 105           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Cadmium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Chromium | 1050           | 1000       | 105           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Copper   | 1280           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Lead     | 5130           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Nickel   | 2560           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Selenium | 5280           | 5000       | 106           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Silver   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
|           | Zinc     | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 22:04            | LB136097      |
| CCV09     | Arsenic  | 5150           | 5000       | 103           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Cadmium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Chromium | 1050           | 1000       | 105           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Copper   | 1270           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Lead     | 5100           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Nickel   | 2560           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Selenium | 5180           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Silver   | 1290           | 1250       | 103           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
|           | Zinc     | 2580           | 2500       | 103           | 90 - 110                  | P | 06/10/2025       | 22:56            | LB136097      |
| CCV10     | Arsenic  | 5180           | 5000       | 104           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Barium   | 10000          | 10000      | 100           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Cadmium  | 2540           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Chromium | 1060           | 1000       | 106           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Copper   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Lead     | 5100           | 5000       | 102           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Nickel   | 2560           | 2500       | 102           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Selenium | 5230           | 5000       | 105           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Silver   | 1310           | 1250       | 104           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
|           | Zinc     | 2630           | 2500       | 105           | 90 - 110                  | P | 06/10/2025       | 23:57            | LB136097      |
| CCV11     | Arsenic  | 5280           | 5000       | 106           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Barium   | 10100          | 10000      | 101           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q2236  
Contract: ENTA05 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236  
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 |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV11     | Cadmium  | 2570           | 2500       | 103           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Chromium | 1040           | 1000       | 104           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Copper   | 1290           | 1250       | 103           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Lead     | 5160           | 5000       | 103           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Nickel   | 2590           | 2500       | 104           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Selenium | 5320           | 5000       | 106           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Silver   | 1280           | 1250       | 103           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
|           | Zinc     | 2600           | 2500       | 104           | 90 - 110                  | P | 06/11/2025       | 01:35            | LB136097      |
| CCV12     | Arsenic  | 4850           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Barium   | 10000          | 10000      | 100           | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Cadmium  | 2400           | 2500       | 96            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Chromium | 1030           | 1000       | 103           | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Copper   | 1200           | 1250       | 96            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Lead     | 4810           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Nickel   | 2420           | 2500       | 97            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Selenium | 4880           | 5000       | 98            | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Silver   | 1280           | 1250       | 102           | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |
|           | Zinc     | 2590           | 2500       | 104           | 90 - 110                  | P | 06/11/2025       | 02:21            | LB136097      |