

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

---

| 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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV59     | Mercury | 3.65           | 4.0        | 91            | 90 - 110                  | CV | 01/17/2025       | 08:50            | LB134318      |

---

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

---

| 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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV41     | Mercury | 5.15           | 5.0        | 103           | 90 - 110                  | CV | 01/17/2025       | 08:54            | LB134318      |
| CCV42     | Mercury | 5.08           | 5.0        | 102           | 90 - 110                  | CV | 01/17/2025       | 09:22            | LB134318      |
| CCV43     | Mercury | 5.11           | 5.0        | 102           | 90 - 110                  | CV | 01/17/2025       | 09:43            | LB134318      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Weston Solutions SDG No.: Q1079  
Contract: WEST04 Lab Code: CHEM Case No.: Q1079 SAS No.: Q1079  
Initial Calibration Source: EPA  
Continuing Calibration Source: PLASMA-PURE

| 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  | 453            | 500        | 91            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Antimony  | 196            | 200        | 98            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Arsenic   | 192            | 200        | 96            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Barium    | 97.2           | 100        | 97            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Beryllium | 90.4           | 100        | 90            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Cadmium   | 98.2           | 100        | 98            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Calcium   | 2030           | 2000       | 102           | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Chromium  | 95.3           | 100        | 95            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Cobalt    | 97.1           | 100        | 97            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Copper    | 104            | 100        | 104           | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Iron      | 1960           | 2000       | 98            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Lead      | 195            | 200        | 98            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Magnesium | 1110           | 1200       | 93            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Manganese | 95.9           | 100        | 96            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Nickel    | 105            | 110        | 95            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Potassium | 1820           | 2000       | 91            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Selenium  | 200            | 200        | 100           | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Silver    | 46.6           | 50.0       | 93            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Sodium    | 1890           | 2000       | 94            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Thallium  | 191            | 210        | 91            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Vanadium  | 92.5           | 100        | 92            | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |
|           | Zinc      | 200            | 200        | 100           | 90 - 110                  | P | 01/27/2025       | 15:30            | LB134439      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| 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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV     | Aluminum  | 16.7           | 20.0       | 84            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Antimony  | 1.81           | 2.0        | 90            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Arsenic   | 0.87           | 1.0        | 87            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Barium    | 9.14           | 10.0       | 91            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Beryllium | 0.86           | 1.0        | 86            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Cadmium   | 0.93           | 1.0        | 93            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Calcium   | 453            | 500        | 91            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Chromium  | 1.86           | 2.0        | 93            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Cobalt    | 0.97           | 1.0        | 97            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Copper    | 2.01           | 2.0        | 100           | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Iron      | 47.6           | 50.0       | 95            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Lead      | 0.85           | 1.0        | 85            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Magnesium | 483            | 500        | 97            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Manganese | 1.01           | 1.0        | 101           | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Nickel    | 1.00           | 1.0        | 100           | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Potassium | 451            | 500        | 90            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Selenium  | 4.14           | 5.0        | 83            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Silver    | 0.91           | 1.0        | 91            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Sodium    | 469            | 500        | 94            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Thallium  | 0.85           | 1.0        | 85            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Vanadium  | 4.61           | 5.0        | 92            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |
|           | Zinc      | 4.62           | 5.0        | 92            | 80 - 120                  | P | 01/27/2025       | 15:35            | LB134439      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| 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  | 51000          | 50000      | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Antimony  | 506            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Arsenic   | 503            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Barium    | 2550           | 2500       | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Beryllium | 529            | 500        | 106           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Cadmium   | 469            | 500        | 94            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Calcium   | 250000         | 250000     | 100           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Chromium  | 489            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Cobalt    | 508            | 500        | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Copper    | 4950           | 5000       | 99            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Iron      | 128000         | 125000     | 103           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Lead      | 2610           | 2500       | 104           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Magnesium | 255000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Manganese | 5100           | 5000       | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Nickel    | 495            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Potassium | 125000         | 125000     | 100           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Selenium  | 494            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Silver    | 491            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Sodium    | 256000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Thallium  | 518            | 500        | 104           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Vanadium  | 498            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
|           | Zinc      | 4700           | 5000       | 94            | 90 - 110                  | P | 01/27/2025       | 15:48            | LB134439      |
| CCV02     | Aluminum  | 50300          | 50000      | 101           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Antimony  | 500            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Arsenic   | 501            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Barium    | 2520           | 2500       | 101           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Beryllium | 508            | 500        | 102           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Cadmium   | 458            | 500        | 92            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Calcium   | 247000         | 250000     | 99            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Chromium  | 491            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Cobalt    | 512            | 500        | 102           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Copper    | 4960           | 5000       | 99            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Iron      | 128000         | 125000     | 102           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Lead      | 2590           | 2500       | 104           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| 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 | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Manganese | 5140           | 5000       | 103           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Nickel    | 497            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Potassium | 125000         | 125000     | 100           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Selenium  | 491            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Silver    | 479            | 500        | 96            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Sodium    | 255000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Thallium  | 519            | 500        | 104           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Vanadium  | 502            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
|           | Zinc      | 4760           | 5000       | 95            | 90 - 110                  | P | 01/27/2025       | 16:28            | LB134439      |
| CCV03     | Aluminum  | 50900          | 50000      | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Antimony  | 509            | 500        | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Arsenic   | 498            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Barium    | 2550           | 2500       | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Beryllium | 496            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Cadmium   | 462            | 500        | 92            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Calcium   | 252000         | 250000     | 101           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Chromium  | 491            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Cobalt    | 509            | 500        | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Copper    | 4960           | 5000       | 99            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Iron      | 130000         | 125000     | 104           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Lead      | 2640           | 2500       | 106           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Magnesium | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Manganese | 5190           | 5000       | 104           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Nickel    | 499            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Potassium | 125000         | 125000     | 100           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Selenium  | 495            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Silver    | 488            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Sodium    | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Thallium  | 528            | 500        | 106           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Vanadium  | 502            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
|           | Zinc      | 4750           | 5000       | 95            | 90 - 110                  | P | 01/27/2025       | 18:29            | LB134439      |
| CCV04     | Aluminum  | 50500          | 50000      | 101           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Antimony  | 504            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Weston Solutions SDG No.: Q1079  
Contract: WEST04 Lab Code: CHEM Case No.: Q1079 SAS No.: Q1079  
Initial Calibration Source: EPA  
Continuing Calibration Source: PLASMA-PURE

| 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   | 495            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Barium    | 2520           | 2500       | 101           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Beryllium | 496            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Cadmium   | 459            | 500        | 92            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Calcium   | 248000         | 250000     | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Chromium  | 486            | 500        | 97            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Cobalt    | 513            | 500        | 103           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Copper    | 4930           | 5000       | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Iron      | 128000         | 125000     | 102           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Lead      | 2610           | 2500       | 104           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Magnesium | 251000         | 250000     | 100           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Manganese | 5120           | 5000       | 102           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Nickel    | 494            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Potassium | 124000         | 125000     | 100           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Selenium  | 485            | 500        | 97            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Silver    | 481            | 500        | 96            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Sodium    | 252000         | 250000     | 101           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Thallium  | 525            | 500        | 105           | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Vanadium  | 497            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
|           | Zinc      | 4710           | 5000       | 94            | 90 - 110                  | P | 01/27/2025       | 18:51            | LB134439      |
| CCV05     | Aluminum  | 50800          | 50000      | 102           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Antimony  | 506            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Arsenic   | 496            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Barium    | 2520           | 2500       | 101           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Beryllium | 497            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Cadmium   | 461            | 500        | 92            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Calcium   | 249000         | 250000     | 100           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Chromium  | 489            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Cobalt    | 513            | 500        | 103           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Copper    | 4990           | 5000       | 100           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Iron      | 129000         | 125000     | 104           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Lead      | 2590           | 2500       | 103           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Magnesium | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Manganese | 5230           | 5000       | 104           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Weston Solutions **SDG No.:** Q1079  
**Contract:** WEST04 **Lab Code:** CHEM **Case No.:** Q1079 **SAS No.:** Q1079  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| 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    | 497            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Potassium | 125000         | 125000     | 100           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Selenium  | 487            | 500        | 98            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Silver    | 483            | 500        | 96            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Sodium    | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Thallium  | 519            | 500        | 104           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Vanadium  | 500            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
|           | Zinc      | 4750           | 5000       | 95            | 90 - 110                  | P | 01/27/2025       | 19:30            | LB134439      |
| CCV06     | Aluminum  | 51400          | 50000      | 103           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Antimony  | 517            | 500        | 103           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Arsenic   | 497            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Barium    | 2600           | 2500       | 104           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Beryllium | 498            | 500        | 100           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Cadmium   | 472            | 500        | 94            | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Calcium   | 256000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Chromium  | 496            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Cobalt    | 520            | 500        | 104           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Copper    | 5000           | 5000       | 100           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Iron      | 132000         | 125000     | 105           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Lead      | 2670           | 2500       | 107           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Magnesium | 254000         | 250000     | 102           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Manganese | 5260           | 5000       | 105           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Nickel    | 504            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Potassium | 127000         | 125000     | 102           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Selenium  | 496            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Silver    | 494            | 500        | 99            | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Sodium    | 257000         | 250000     | 103           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Thallium  | 535            | 500        | 107           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Vanadium  | 506            | 500        | 101           | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |
|           | Zinc      | 4830           | 5000       | 97            | 90 - 110                  | P | 01/27/2025       | 20:06            | LB134439      |