

## LAB CHRONICLE

|                 |                                                   |                   |                                   |
|-----------------|---------------------------------------------------|-------------------|-----------------------------------|
| <b>OrderID:</b> | Q3671                                             | <b>OrderDate:</b> | 11/19/2025 10:33:00 AM            |
| <b>Client:</b>  | Core Environmental Consultants and Services, Inc. | <b>Project:</b>   | NYPA-Zeltmann Power plant-HSRG 7B |
| <b>Contact:</b> | Roland Scardino                                   | <b>Location:</b>  | D41                               |

| LabID    | ClientID                        | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|---------------------------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q3671-01 | Zeltmann Power Plant<br>HSRG 7B | SOIL   |                |        | 10/14/25    |           |           | 10/14/25 |
|          |                                 |        | Metals ICP-TAL | 6010D  |             | 11/20/25  | 11/20/25  |          |
|          |                                 |        | Mercury        | 7471B  |             | 11/20/25  | 11/20/25  |          |

### Hit Summary Sheet SW-846

**SDG No.:** Q3671 **Order ID:** Q3671  
**Client:** Core Environmental Consultants and Services, Inc. **Project ID:** NYPA-Zeltmann Power plant-HSRG 7B

| Sample ID                                       | Client ID                    | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|-------------------------------------------------|------------------------------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : Zeltmann Power Plant HSRG 7B</b> |                              |        |           |               |   |        |       |       |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Aluminum  | 334           |   | 0.76   | 4.52  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Arsenic   | 14.4          |   | 0.17   | 0.91  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Barium    | 3.02          | J | 0.66   | 4.52  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Beryllium | 3.09          |   | 0.023  | 0.27  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Cadmium   | 27.8          |   | 0.022  | 0.27  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Calcium   | 2140          |   | 10.0   | 90.5  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Chromium  | 269           |   | 0.043  | 0.45  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Cobalt    | 52.8          |   | 0.090  | 1.36  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Copper    | 275           |   | 0.20   | 0.91  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Iron      | 396000        | D | 18.1   | 22.6  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Lead      | 22.1          |   | 0.12   | 0.54  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Magnesium | 100           |   | 10.9   | 90.5  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Manganese | 932           |   | 0.13   | 0.91  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Mercury   | 0.018         |   | 0.0080 | 0.014 | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Nickel    | 174           |   | 0.12   | 1.81  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Potassium | 37.0          | J | 25.1   | 90.5  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Sodium    | 58.7          | J | 16.1   | 90.5  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Thallium  | 15.9          |   | 0.21   | 1.81  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Vanadium  | 57.2          |   | 0.23   | 1.81  | mg/Kg |
| Q3671-01                                        | Zeltmann Power Plant HSRG 7B | SOIL   | Zinc      | 123           |   | 0.21   | 1.81  | mg/Kg |



# SAMPLE DATA

## Report of Analysis

|                   |                                                   |                 |          |
|-------------------|---------------------------------------------------|-----------------|----------|
| Client:           | Core Environmental Consultants and Services, Inc. | Date Collected: | 10/14/25 |
| Project:          | NYPA-Zeltmann Power plant-HSRG 7B                 | Date Received:  | 10/14/25 |
| Client Sample ID: | Zeltmann Power Plant HSRG 7B                      | SDG No.:        | Q3671    |
| Lab Sample ID:    | Q3671-01                                          | Matrix:         | SOIL     |
| Level (low/med):  | low                                               | % Solid:        | 96.1     |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|--------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 334    |      | 1  | 0.76   | 4.52       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.20   | UN   | 1  | 0.20   | 2.26       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 14.4   |      | 1  | 0.17   | 0.91       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 3.02   | J    | 1  | 0.66   | 4.52       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 3.09   |      | 1  | 0.023  | 0.27       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 27.8   |      | 1  | 0.022  | 0.27       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 2140   |      | 1  | 10.0   | 90.5       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 269    |      | 1  | 0.043  | 0.45       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 52.8   |      | 1  | 0.090  | 1.36       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 275    | N    | 1  | 0.20   | 0.91       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 396000 | D    | 5  | 18.1   | 22.6       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:11 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 22.1   | N    | 1  | 0.12   | 0.54       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 100    |      | 1  | 10.9   | 90.5       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 932    |      | 1  | 0.13   | 0.91       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.018  |      | 1  | 0.0080 | 0.014      | mg/Kg | 11/20/25 08:55 | 11/20/25 12:32 | 7471B    | M7471B    |
| 7440-02-0 | Nickel    | 174    |      | 1  | 0.12   | 1.81       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 37.0   | JN   | 1  | 25.1   | 90.5       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.24   | U    | 1  | 0.24   | 0.91       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.54   | UDN5 |    | 0.54   | 2.26       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:11 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 58.7   | J    | 1  | 16.1   | 90.5       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 15.9   |      | 1  | 0.21   | 1.81       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 57.2   |      | 1  | 0.23   | 1.81       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 123    |      | 1  | 0.21   | 1.81       | mg/Kg | 11/20/25 10:40 | 11/20/25 15:07 | 6010D    | SW3050    |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, Inc

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV123    | Mercury | 4.22           | 4.0        | 105           | 90 - 110                  | CV | 11/20/2025       | 12:11            | LB137986      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, Inc

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV19     | Mercury | 4.65           | 5.0        | 93            | 90 - 110                  | CV | 11/20/2025       | 12:16            | LB137986      |
| CCV20     | Mercury | 4.84           | 5.0        | 97            | 90 - 110                  | CV | 11/20/2025       | 12:49            | LB137986      |
| CCV21     | Mercury | 5.49           | 5.0        | 110           | 90 - 110                  | CV | 11/20/2025       | 13:06            | LB137986      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7830           | 8000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Antimony  | 4000           | 4000       | 100           | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Arsenic   | 3890           | 4000       | 97            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Barium    | 7800           | 8000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Beryllium | 198            | 200        | 99            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Cadmium   | 1930           | 2000       | 96            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Calcium   | 19500          | 20000      | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Chromium  | 807            | 800        | 101           | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Cobalt    | 1940           | 2000       | 97            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Copper    | 1000           | 1000       | 100           | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Iron      | 3970           | 4000       | 99            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Lead      | 3840           | 4000       | 96            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Magnesium | 19400          | 20000      | 97            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Manganese | 1950           | 2000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Nickel    | 1950           | 2000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Potassium | 19600          | 20000      | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Selenium  | 3910           | 4000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Silver    | 1050           | 1000       | 105           | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Sodium    | 18900          | 20000      | 94            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Thallium  | 3670           | 4000       | 92            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Vanadium  | 1950           | 2000       | 98            | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |
|           | Zinc      | 2000           | 2000       | 100           | 90 - 110                  | P | 11/20/2025       | 13:12            | LB137997      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Core Environmental Consultants and Services, Inc

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 108            | 100        | 108           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Antimony  | 51.7           | 50.0       | 103           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Arsenic   | 20.1           | 20.0       | 100           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Barium    | 102            | 100        | 102           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Beryllium | 6.38           | 6.0        | 106           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Cadmium   | 5.90           | 6.0        | 98            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Calcium   | 2070           | 2000       | 104           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Chromium  | 10.0           | 10.0       | 100           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Cobalt    | 29.8           | 30.0       | 99            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Copper    | 22.3           | 20.0       | 111           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Iron      | 109            | 100        | 109           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Lead      | 11.0           | 12.0       | 92            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Magnesium | 2120           | 2000       | 106           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Manganese | 21.3           | 20.0       | 106           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Nickel    | 40.9           | 40.0       | 102           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Potassium | 1930           | 2000       | 97            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Selenium  | 17.1           | 20.0       | 86            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Silver    | 10.3           | 10.0       | 103           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Sodium    | 1900           | 2000       | 95            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Thallium  | 39.0           | 40.0       | 97            | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Vanadium  | 42.3           | 40.0       | 106           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |
|           | Zinc      | 43.0           | 40.0       | 108           | 80 - 120                  | P | 11/20/2025       | 13:17            | LB137997      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9670           | 10000      | 97            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Antimony  | 4770           | 5000       | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Arsenic   | 4730           | 5000       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Beryllium | 239            | 250        | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Cadmium   | 2340           | 2500       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Chromium  | 954            | 1000       | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Cobalt    | 2350           | 2500       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Copper    | 1200           | 1250       | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Iron      | 4750           | 5000       | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Lead      | 4710           | 5000       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Magnesium | 23800          | 25000      | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Manganese | 2410           | 2500       | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Nickel    | 2360           | 2500       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Potassium | 23800          | 25000      | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Selenium  | 4710           | 5000       | 94            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Silver    | 1190           | 1250       | 95            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Sodium    | 23900          | 25000      | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Thallium  | 5070           | 5000       | 102           | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
|           | Zinc      | 2400           | 2500       | 96            | 90 - 110                  | P | 11/20/2025       | 13:56            | LB137997      |
| CCV02     | Aluminum  | 10400          | 10000      | 104           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Antimony  | 5290           | 5000       | 106           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Arsenic   | 5290           | 5000       | 106           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Barium    | 10300          | 10000      | 103           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Beryllium | 252            | 250        | 101           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Cadmium   | 2570           | 2500       | 103           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Calcium   | 25800          | 25000      | 103           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Chromium  | 1080           | 1000       | 108           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Cobalt    | 2570           | 2500       | 103           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Copper    | 1320           | 1250       | 106           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Iron      | 5480           | 5000       | 110           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Lead      | 5180           | 5000       | 104           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, Inc

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 25400          | 25000      | 102           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Manganese | 2560           | 2500       | 102           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Nickel    | 2590           | 2500       | 104           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Potassium | 26800          | 25000      | 107           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Selenium  | 5320           | 5000       | 106           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Silver    | 1340           | 1250       | 108           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Thallium  | 5310           | 5000       | 106           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Vanadium  | 2590           | 2500       | 104           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |
|           | Zinc      | 2720           | 2500       | 109           | 90 - 110                  | P | 11/20/2025       | 15:42            | LB137997      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7720           | 8000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Antimony  | 3950           | 4000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Arsenic   | 3900           | 4000       | 98            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Barium    | 7690           | 8000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Beryllium | 196            | 200        | 98            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Cadmium   | 1930           | 2000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Calcium   | 19300          | 20000      | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Chromium  | 791            | 800        | 99            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Cobalt    | 1920           | 2000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Copper    | 990            | 1000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Iron      | 3840           | 4000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Lead      | 3800           | 4000       | 95            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Magnesium | 19200          | 20000      | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Manganese | 1920           | 2000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Nickel    | 1930           | 2000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Potassium | 19000          | 20000      | 95            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Selenium  | 3970           | 4000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Silver    | 966            | 1000       | 97            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Sodium    | 18600          | 20000      | 93            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Thallium  | 3720           | 4000       | 93            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Vanadium  | 1920           | 2000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |
|           | Zinc      | 1980           | 2000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:00            | LB138017      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 116            | 100        | 116           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Antimony  | 52.8           | 50.0       | 106           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Arsenic   | 21.2           | 20.0       | 106           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Barium    | 101            | 100        | 101           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Beryllium | 6.64           | 6.0        | 111           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Cadmium   | 6.27           | 6.0        | 104           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Calcium   | 2120           | 2000       | 106           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Chromium  | 10.4           | 10.0       | 104           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Cobalt    | 31.0           | 30.0       | 103           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Copper    | 22.4           | 20.0       | 112           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Iron      | 101            | 100        | 101           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Lead      | 11.8           | 12.0       | 98            | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Magnesium | 2190           | 2000       | 109           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Manganese | 21.0           | 20.0       | 105           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Nickel    | 42.3           | 40.0       | 106           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Potassium | 1990           | 2000       | 99            | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Selenium  | 21.5           | 20.0       | 108           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Silver    | 11.3           | 10.0       | 113           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Sodium    | 1910           | 2000       | 95            | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Thallium  | 42.3           | 40.0       | 106           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Vanadium  | 40.2           | 40.0       | 100           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |
|           | Zinc      | 44.2           | 40.0       | 110           | 80 - 120                  | P | 11/21/2025       | 13:09            | LB138017      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Antimony  | 5010           | 5000       | 100           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Arsenic   | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Beryllium | 255            | 250        | 102           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Cadmium   | 2460           | 2500       | 98            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Calcium   | 25300          | 25000      | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Iron      | 5020           | 5000       | 100           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Lead      | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Magnesium | 25000          | 25000      | 100           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Manganese | 2540           | 2500       | 102           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Potassium | 25000          | 25000      | 100           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Selenium  | 4890           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Sodium    | 25300          | 25000      | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Thallium  | 4800           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Vanadium  | 2510           | 2500       | 100           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 11/21/2025       | 13:44            | LB138017      |
| CCV02     | Aluminum  | 9700           | 10000      | 97            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Antimony  | 4890           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Arsenic   | 4810           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Barium    | 9470           | 10000      | 95            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Beryllium | 243            | 250        | 97            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Cadmium   | 2390           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Calcium   | 23900          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Chromium  | 978            | 1000       | 98            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Cobalt    | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Iron      | 4800           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Lead      | 4790           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, In

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Manganese | 2370           | 2500       | 95            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Nickel    | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Potassium | 23500          | 25000      | 94            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Selenium  | 4850           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Silver    | 1210           | 1250       | 97            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Sodium    | 25100          | 25000      | 100           | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Thallium  | 4770           | 5000       | 95            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Vanadium  | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 11/21/2025       | 14:48            | LB138017      |
| CCV03     | Aluminum  | 9700           | 10000      | 97            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Antimony  | 4900           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Arsenic   | 4850           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Barium    | 9550           | 10000      | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Beryllium | 245            | 250        | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Cadmium   | 2390           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Chromium  | 976            | 1000       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Cobalt    | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Iron      | 4870           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Lead      | 4800           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Nickel    | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Potassium | 24000          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Selenium  | 4900           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Sodium    | 26200          | 25000      | 105           | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Thallium  | 4890           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
|           | Zinc      | 2470           | 2500       | 99            | 90 - 110                  | P | 11/21/2025       | 15:38            | LB138017      |
| CCV04     | Aluminum  | 9780           | 10000      | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Antimony  | 4890           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4820           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Barium    | 9880           | 10000      | 99            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Beryllium | 241            | 250        | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Cadmium   | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Calcium   | 24400          | 25000      | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Chromium  | 970            | 1000       | 97            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Cobalt    | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Iron      | 4860           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Lead      | 4790           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Magnesium | 24200          | 25000      | 97            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Manganese | 2440           | 2500       | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Nickel    | 2410           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Potassium | 24000          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Selenium  | 4870           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Silver    | 1200           | 1250       | 96            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Sodium    | 26900          | 25000      | 108           | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Thallium  | 4740           | 5000       | 95            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Vanadium  | 2440           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 11/21/2025       | 16:28            | LB138017      |
| CCV05     | Aluminum  | 9710           | 10000      | 97            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Antimony  | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Arsenic   | 4880           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Barium    | 9610           | 10000      | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Beryllium | 244            | 250        | 98            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Cadmium   | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Chromium  | 974            | 1000       | 97            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Cobalt    | 2410           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Copper    | 1230           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Iron      | 4860           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Lead      | 4830           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2410           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Potassium | 23900          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Selenium  | 4940           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Silver    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Sodium    | 26300          | 25000      | 105           | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Thallium  | 4810           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
|           | Zinc      | 2420           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 17:50            | LB138017      |
| CCV06     | Aluminum  | 9690           | 10000      | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Antimony  | 4930           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Arsenic   | 4840           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Barium    | 9750           | 10000      | 98            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Beryllium | 236            | 250        | 94            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Cadmium   | 2380           | 2500       | 95            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Chromium  | 966            | 1000       | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Cobalt    | 2390           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Iron      | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Lead      | 4780           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Magnesium | 23700          | 25000      | 95            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Nickel    | 2390           | 2500       | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Potassium | 24200          | 25000      | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Selenium  | 4930           | 5000       | 98            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Silver    | 1210           | 1250       | 96            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Sodium    | 27000          | 25000      | 108           | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Thallium  | 4840           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Vanadium  | 2410           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
|           | Zinc      | 2420           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 18:41            | LB138017      |
| CCV07     | Aluminum  | 9720           | 10000      | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Antimony  | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Arsenic   | 4870           | 5000       | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Barium    | 9810           | 10000      | 98            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Core Environmental Consultants and Services, Inc

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 235            | 250        | 94            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Cadmium   | 2370           | 2500       | 95            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Chromium  | 956            | 1000       | 96            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Cobalt    | 2380           | 2500       | 95            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Iron      | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Lead      | 4770           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Magnesium | 23900          | 25000      | 95            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Manganese | 2420           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Nickel    | 2380           | 2500       | 95            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Potassium | 24300          | 25000      | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Selenium  | 4950           | 5000       | 99            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Silver    | 1210           | 1250       | 96            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Sodium    | 25600          | 25000      | 102           | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Thallium  | 4770           | 5000       | 96            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |
|           | Zinc      | 2430           | 2500       | 97            | 90 - 110                  | P | 11/21/2025       | 19:31            | LB138017      |

**Metals**

- 2b -

**CRDL STANDARD FOR AA & ICP**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury   | 0.17           | 0.2                | 86            | 70 - 130                  | CV | 11/20/2025       | 12:20            | LB137986      |
| <b>CRI01</b> | Aluminum  | 126            | 100                | 126           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Antimony  | 48.3           | 50.0               | 97            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Arsenic   | 20.8           | 20.0               | 104           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Barium    | 98.7           | 100                | 99            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Beryllium | 6.35           | 6.0                | 106           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Cadmium   | 5.95           | 6.0                | 99            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Calcium   | 2070           | 2000               | 103           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Chromium  | 10.1           | 10.0               | 101           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Cobalt    | 29.8           | 30.0               | 100           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Copper    | 22.3           | 20.0               | 112           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Iron      | 113            | 100                | 113           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Lead      | 11.7           | 12.0               | 98            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Magnesium | 2110           | 2000               | 105           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Manganese | 21.3           | 20.0               | 106           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Nickel    | 41.4           | 40.0               | 103           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Potassium | 1900           | 2000               | 95            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Selenium  | 21.8           | 20.0               | 109           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Silver    | 11.0           | 10.0               | 110           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Sodium    | 1800           | 2000               | 90            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Thallium  | 37.8           | 40.0               | 94            | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Vanadium  | 44.0           | 40.0               | 110           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
|              | Zinc      | 43.1           | 40.0               | 108           | 65 - 135                  | P  | 11/20/2025       | 13:26            | LB137997      |
| <b>CRI01</b> | Aluminum  | 117            | 100                | 117           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Antimony  | 51.9           | 50.0               | 104           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Arsenic   | 21.1           | 20.0               | 105           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Barium    | 104            | 100                | 104           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Beryllium | 6.44           | 6.0                | 107           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Cadmium   | 5.98           | 6.0                | 100           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Calcium   | 2080           | 2000               | 104           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Chromium  | 9.83           | 10.0               | 98            | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Cobalt    | 29.6           | 30.0               | 98            | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Copper    | 21.8           | 20.0               | 109           | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Iron      | 97.1           | 100                | 97            | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |
|              | Lead      | 11.6           | 12.0               | 97            | 65 - 135                  | P  | 11/21/2025       | 13:17            | LB138017      |

**Metals**

- 2b -

**CRDL STANDARD FOR AA & ICP**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI01     | Magnesium | 2180           | 2000               | 109           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Manganese | 21.7           | 20.0               | 108           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Nickel    | 40.1           | 40.0               | 100           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Potassium | 1900           | 2000               | 95            | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Selenium  | 19.2           | 20.0               | 96            | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Silver    | 10.6           | 10.0               | 106           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Sodium    | 1900           | 2000               | 95            | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Thallium  | 33.4           | 40.0               | 84            | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Vanadium  | 42.2           | 40.0               | 106           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |
|           | Zinc      | 42.3           | 40.0               | 106           | 65 - 135                  | P | 11/21/2025       | 13:17            | LB138017      |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB123    | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 11/20/2025       | 12:13            | LB137986      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB19     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 11/20/2025       | 12:18            | LB137986      |
| CCB20     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 11/20/2025       | 12:51            | LB137986      |
| CCB21     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 11/20/2025       | 13:08            | LB137986      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/20/2025       | 13:21            | LB137997      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/20/2025       | 13:21            | LB137997      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/20/2025       | 13:21            | LB137997      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/20/2025       | 13:21            | LB137997      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/20/2025       | 13:21            | LB137997      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/20/2025       | 14:01            | LB137997      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/20/2025       | 14:01            | LB137997      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/20/2025       | 14:01            | LB137997      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/20/2025       | 14:01            | LB137997      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/20/2025       | 14:01            | LB137997      |
| CCB02     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/20/2025       | 15:46            | LB137997      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/20/2025       | 15:46            | LB137997      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/20/2025       | 15:46            | LB137997      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/20/2025       | 15:46            | LB137997      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB02     | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Sodium   | 868            | +/-1000             | U            | 2000 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Thallium | 4.38           | +/-20               | U            | 40.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Vanadium | 6.26           | +/-20               | U            | 40.0 | P | 11/20/2025       | 15:46            | LB137997      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 11/20/2025       | 15:46            | LB137997      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 13:13            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 13:13            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 13:13            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:13            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:13            | LB138017      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 13:48            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 13:48            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 13:48            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:48            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 13:48            | LB138017      |
| CCB02     | Aluminum  | 11.5           | +/-50               | J            | 100  | P | 11/21/2025       | 14:52            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 14:52            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 14:52            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 14:52            | LB138017      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB02     | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 14:52            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 14:52            | LB138017      |
| CCB03     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 15:42            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 15:42            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 15:42            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 15:42            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 15:42            | LB138017      |
| CCB04     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 16:32            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 16:32            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 16:32            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 16:32            | LB138017      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 16:32            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 16:32            | LB138017      |
| CCB05     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 17:55            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 17:55            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 17:55            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 17:55            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 17:55            | LB138017      |
| CCB06     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 11/21/2025       | 18:45            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 18:45            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 18:45            | LB138017      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, Inc.

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 18:45            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 18:45            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 18:45            | LB138017      |
| CCB07     | Aluminum  | 16.8           | +/-50               | J            | 100  | P | 11/21/2025       | 19:35            | LB138017      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 11/21/2025       | 19:35            | LB138017      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 11/21/2025       | 19:35            | LB138017      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 11/21/2025       | 19:35            | LB138017      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 11/21/2025       | 19:35            | LB138017      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services, **SDG No.:** Q3671

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB170655BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB170655</b> |    | <b>Prep Date:</b> | <b>11/20/2025</b> |          |
|                   | Mercury | 0.0070            | <0.012              | U                    | 0.012           | CV | 11/20/2025        | 12:27             | LB137986 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Core Environmental Consultants and Services,

**SDG No.:** Q3671

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB170657BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB170657</b> |   | <b>Prep Date:</b> | <b>11/20/2025</b> |          |
|                   | Aluminum     | 0.84              | <2.5                | U                    | 5.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Antimony     | 0.22              | <1.25               | U                    | 2.50            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Arsenic      | 0.19              | <0.5                | U                    | 1.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Barium       | 0.73              | <2.5                | U                    | 5.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Beryllium    | 0.025             | <0.15               | U                    | 0.30            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Cadmium      | 0.024             | <0.15               | U                    | 0.30            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Calcium      | 11.1              | <50                 | U                    | 100             | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Chromium     | 0.047             | <0.25               | U                    | 0.50            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Cobalt       | 0.10              | <0.75               | U                    | 1.50            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Copper       | 0.22              | <0.5                | U                    | 1.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Iron         | 3.99              | <2.5                | U                    | 5.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Lead         | 0.13              | <0.3                | U                    | 0.60            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Magnesium    | 12.0              | <50                 | U                    | 100             | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Manganese    | 0.14              | <0.5                | U                    | 1.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Nickel       | 0.13              | <1                  | U                    | 2.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Potassium    | 27.7              | <50                 | U                    | 100             | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Selenium     | 0.26              | <0.5                | U                    | 1.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Silver       | 0.12              | <0.25               | U                    | 0.50            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Sodium       | 17.8              | <50                 | U                    | 100             | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Thallium     | 0.23              | <1                  | U                    | 2.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Vanadium     | 0.25              | <1                  | U                    | 2.00            | P | 11/20/2025        | 14:10             | LB137997 |
|                   | Zinc         | 0.23              | <1                  | U                    | 2.00            | P | 11/20/2025        | 14:10             | LB137997 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

**Client:** Core Environmental Consultants and Services, Inc. **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE  
**ICS Source:** EPA **Instrument ID:** P4

| Sample ID      | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|----------------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Aluminum  | 248000         | 255000             | 97            | 216000                 | 294000                  | 11/20/2025       | 13:39            | LB137997      |
|                | Antimony  | -1.40          |                    |               | -50                    | 50                      | 11/20/2025       | 13:39            | LB137997      |
|                | Arsenic   | 9.50           |                    |               | -20                    | 20                      | 11/20/2025       | 13:39            | LB137997      |
|                | Barium    | 3.36           | 6.0                | 56            | -94                    | 106                     | 11/20/2025       | 13:39            | LB137997      |
|                | Beryllium | 1.02           |                    |               | -6                     | 6                       | 11/20/2025       | 13:39            | LB137997      |
|                | Cadmium   | -1.55          | 1.0                | 155           | -5                     | 7                       | 11/20/2025       | 13:39            | LB137997      |
|                | Calcium   | 234000         | 245000             | 96            | 208000                 | 282000                  | 11/20/2025       | 13:39            | LB137997      |
|                | Chromium  | 50.8           | 52.0               | 98            | 42                     | 62                      | 11/20/2025       | 13:39            | LB137997      |
|                | Cobalt    | 2.47           |                    |               | -30                    | 30                      | 11/20/2025       | 13:39            | LB137997      |
|                | Copper    | 8.61           | 2.0                | 430           | -18                    | 22                      | 11/20/2025       | 13:39            | LB137997      |
|                | Iron      | 95900          | 101000             | 95            | 85600                  | 116500                  | 11/20/2025       | 13:39            | LB137997      |
|                | Lead      | -1.75          |                    |               | -12                    | 12                      | 11/20/2025       | 13:39            | LB137997      |
|                | Magnesium | 250000         | 255000             | 98            | 216000                 | 294000                  | 11/20/2025       | 13:39            | LB137997      |
|                | Manganese | 8.42           | 7.0                | 120           | -13                    | 27                      | 11/20/2025       | 13:39            | LB137997      |
|                | Nickel    | 6.70           | 2.0                | 335           | -38                    | 42                      | 11/20/2025       | 13:39            | LB137997      |
|                | Potassium | -33.7          |                    |               | 0                      | 0                       | 11/20/2025       | 13:39            | LB137997      |
|                | Selenium  | -1.81          |                    |               | -20                    | 20                      | 11/20/2025       | 13:39            | LB137997      |
|                | Silver    | -7.55          |                    |               | -10                    | 10                      | 11/20/2025       | 13:39            | LB137997      |
|                | Sodium    | -57.1          |                    |               | 0                      | 0                       | 11/20/2025       | 13:39            | LB137997      |
|                | Thallium  | 19.1           |                    |               | -40                    | 40                      | 11/20/2025       | 13:39            | LB137997      |
|                | Vanadium  | 4.76           |                    |               | -40                    | 40                      | 11/20/2025       | 13:39            | LB137997      |
|                | Zinc      | 5.44           |                    |               | -40                    | 40                      | 11/20/2025       | 13:39            | LB137997      |
| <b>ICSAB01</b> | Aluminum  | 243000         | 247000             | 98            | 209000                 | 285000                  | 11/20/2025       | 13:44            | LB137997      |
|                | Antimony  | 603            | 618                | 98            | 525                    | 711                     | 11/20/2025       | 13:44            | LB137997      |
|                | Arsenic   | 112            | 104                | 108           | 88.4                   | 120                     | 11/20/2025       | 13:44            | LB137997      |
|                | Barium    | 469            | 537                | 87            | 437                    | 637                     | 11/20/2025       | 13:44            | LB137997      |
|                | Beryllium | 483            | 495                | 98            | 420                    | 570                     | 11/20/2025       | 13:44            | LB137997      |
|                | Cadmium   | 990            | 972                | 102           | 826                    | 1120                    | 11/20/2025       | 13:44            | LB137997      |
|                | Calcium   | 229000         | 235000             | 97            | 199000                 | 271000                  | 11/20/2025       | 13:44            | LB137997      |
|                | Chromium  | 547            | 542                | 101           | 460                    | 624                     | 11/20/2025       | 13:44            | LB137997      |
|                | Cobalt    | 496            | 476                | 104           | 404                    | 548                     | 11/20/2025       | 13:44            | LB137997      |
|                | Copper    | 489            | 511                | 96            | 434                    | 588                     | 11/20/2025       | 13:44            | LB137997      |
|                | Iron      | 94700          | 99300              | 95            | 84400                  | 114500                  | 11/20/2025       | 13:44            | LB137997      |
|                | Lead      | 48.7           | 49.0               | 99            | 37                     | 61                      | 11/20/2025       | 13:44            | LB137997      |
|                | Magnesium | 245000         | 248000             | 99            | 210000                 | 286000                  | 11/20/2025       | 13:44            | LB137997      |
|                | Manganese | 472            | 507                | 93            | 430                    | 584                     | 11/20/2025       | 13:44            | LB137997      |
|                | Nickel    | 989            | 954                | 104           | 810                    | 1100                    | 11/20/2025       | 13:44            | LB137997      |
|                | Potassium | -107           |                    |               | 0                      | 0                       | 11/20/2025       | 13:44            | LB137997      |
|                | Selenium  | 54.7           | 46.0               | 119           | 26                     | 66                      | 11/20/2025       | 13:44            | LB137997      |
|                | Silver    | 186            | 201                | 92            | 170                    | 232                     | 11/20/2025       | 13:44            | LB137997      |
|                | Sodium    | -90.7          |                    |               | 0                      | 0                       | 11/20/2025       | 13:44            | LB137997      |
|                | Thallium  | 123            | 108                | 114           | 68                     | 148                     | 11/20/2025       | 13:44            | LB137997      |

**Metals**  
- 4 -  
**INTERFERENCE CHECK SAMPLE**

|                                                                         |                                 |
|-------------------------------------------------------------------------|---------------------------------|
| <b>Client:</b> <u>Core Environmental Consultants and Services, Inc.</u> | <b>SDG No.:</b> <u>Q3671</u>    |
| <b>Contract:</b> <u>CORE02</u>                                          | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>                                           | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium  | 473            | 491                | 96            | 417                    | 565                     | 11/20/2025       | 13:44            | LB137997      |
|           | Zinc      | 1030           | 952                | 108           | 809                    | 1095                    | 11/20/2025       | 13:44            | LB137997      |
| ICSA01    | Aluminum  | 252000         | 255000             | 99            | 216000                 | 294000                  | 11/21/2025       | 13:22            | LB138017      |
|           | Antimony  | 0.044          |                    |               | -50                    | 50                      | 11/21/2025       | 13:22            | LB138017      |
|           | Arsenic   | 8.37           |                    |               | -20                    | 20                      | 11/21/2025       | 13:22            | LB138017      |
|           | Barium    | 1.92           | 6.0                | 32            | -94                    | 106                     | 11/21/2025       | 13:22            | LB138017      |
|           | Beryllium | 0.88           |                    |               | -6                     | 6                       | 11/21/2025       | 13:22            | LB138017      |
|           | Cadmium   | 4.00           | 1.0                | 400           | -5                     | 7                       | 11/21/2025       | 13:22            | LB138017      |
|           | Calcium   | 239000         | 245000             | 98            | 208000                 | 282000                  | 11/21/2025       | 13:22            | LB138017      |
|           | Chromium  | 50.3           | 52.0               | 97            | 42                     | 62                      | 11/21/2025       | 13:22            | LB138017      |
|           | Cobalt    | 2.12           |                    |               | -30                    | 30                      | 11/21/2025       | 13:22            | LB138017      |
|           | Copper    | 1.60           | 2.0                | 80            | -18                    | 22                      | 11/21/2025       | 13:22            | LB138017      |
|           | Iron      | 95400          | 101000             | 94            | 85600                  | 116500                  | 11/21/2025       | 13:22            | LB138017      |
|           | Lead      | 8.32           |                    |               | -12                    | 12                      | 11/21/2025       | 13:22            | LB138017      |
|           | Magnesium | 254000         | 255000             | 100           | 216000                 | 294000                  | 11/21/2025       | 13:22            | LB138017      |
|           | Manganese | 9.14           | 7.0                | 131           | -13                    | 27                      | 11/21/2025       | 13:22            | LB138017      |
|           | Nickel    | 5.58           | 2.0                | 279           | -38                    | 42                      | 11/21/2025       | 13:22            | LB138017      |
|           | Potassium | -9.93          |                    |               | 0                      | 0                       | 11/21/2025       | 13:22            | LB138017      |
|           | Selenium  | 13.1           |                    |               | -20                    | 20                      | 11/21/2025       | 13:22            | LB138017      |
|           | Silver    | -5.79          |                    |               | -10                    | 10                      | 11/21/2025       | 13:22            | LB138017      |
|           | Sodium    | -4.50          |                    |               | 0                      | 0                       | 11/21/2025       | 13:22            | LB138017      |
|           | Thallium  | 12.5           |                    |               | -40                    | 40                      | 11/21/2025       | 13:22            | LB138017      |
|           | Vanadium  | 2.89           |                    |               | -40                    | 40                      | 11/21/2025       | 13:22            | LB138017      |
|           | Zinc      | 6.33           |                    |               | -40                    | 40                      | 11/21/2025       | 13:22            | LB138017      |
| ICSAB01   | Aluminum  | 243000         | 247000             | 98            | 209000                 | 285000                  | 11/21/2025       | 13:26            | LB138017      |
|           | Antimony  | 587            | 618                | 95            | 525                    | 711                     | 11/21/2025       | 13:26            | LB138017      |
|           | Arsenic   | 109            | 104                | 105           | 88.4                   | 120                     | 11/21/2025       | 13:26            | LB138017      |
|           | Barium    | 477            | 537                | 89            | 437                    | 637                     | 11/21/2025       | 13:26            | LB138017      |
|           | Beryllium | 492            | 495                | 99            | 420                    | 570                     | 11/21/2025       | 13:26            | LB138017      |
|           | Cadmium   | 975            | 972                | 100           | 826                    | 1120                    | 11/21/2025       | 13:26            | LB138017      |
|           | Calcium   | 230000         | 235000             | 98            | 199000                 | 271000                  | 11/21/2025       | 13:26            | LB138017      |
|           | Chromium  | 540            | 542                | 100           | 460                    | 624                     | 11/21/2025       | 13:26            | LB138017      |
|           | Cobalt    | 488            | 476                | 102           | 404                    | 548                     | 11/21/2025       | 13:26            | LB138017      |
|           | Copper    | 470            | 511                | 92            | 434                    | 588                     | 11/21/2025       | 13:26            | LB138017      |
|           | Iron      | 92700          | 99300              | 93            | 84400                  | 114500                  | 11/21/2025       | 13:26            | LB138017      |
|           | Lead      | 52.8           | 49.0               | 108           | 37                     | 61                      | 11/21/2025       | 13:26            | LB138017      |
|           | Magnesium | 246000         | 248000             | 99            | 210000                 | 286000                  | 11/21/2025       | 13:26            | LB138017      |
|           | Manganese | 479            | 507                | 94            | 430                    | 584                     | 11/21/2025       | 13:26            | LB138017      |
|           | Nickel    | 972            | 954                | 102           | 810                    | 1100                    | 11/21/2025       | 13:26            | LB138017      |
|           | Potassium | -42.4          |                    |               | 0                      | 0                       | 11/21/2025       | 13:26            | LB138017      |
|           | Selenium  | 49.4           | 46.0               | 107           | 26                     | 66                      | 11/21/2025       | 13:26            | LB138017      |
|           | Silver    | 183            | 201                | 91            | 170                    | 232                     | 11/21/2025       | 13:26            | LB138017      |

**Metals**

- 4 -

**INTERFERENCE CHECK SAMPLE**

|                    |                                                          |                       |              |
|--------------------|----------------------------------------------------------|-----------------------|--------------|
| <b>Client:</b>     | <u>Core Environmental Consultants and Services, Inc.</u> | <b>SDG No.:</b>       | <u>Q3671</u> |
| <b>Contract:</b>   | <u>CORE02</u>                                            | <b>Lab Code:</b>      | <u>ACE</u>   |
| <b>ICS Source:</b> | <u>EPA</u>                                               | <b>Instrument ID:</b> | <u>P4</u>    |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Sodium   | -50.9          |                    |               | 0                      | 0                       | 11/21/2025       | 13:26            | LB138017      |
|           | Thallium | 107            | 108                | 99            | 68                     | 148                     | 11/21/2025       | 13:26            | LB138017      |
|           | Vanadium | 471            | 491                | 96            | 417                    | 565                     | 11/21/2025       | 13:26            | LB138017      |
|           | Zinc     | 1020           | 952                | 107           | 809                    | 1095                    | 11/21/2025       | 13:26            | LB138017      |



# METAL QC DATA

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                                                  |                                   |                                              |
|------------------------------------------------------------------|-----------------------------------|----------------------------------------------|
| <b>client:</b> <u>Core Environmental Consultants and Service</u> | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q3671</u>                 |
| <b>contract:</b> <u>CORE02</u>                                   |                                   | <b>lab code:</b> <u>ACE</u>                  |
| <b>matrix:</b> <u>Solid</u>                                      | <b>sample id:</b> <u>Q3681-01</u> | <b>client id:</b> <u>ETGI-354MS</u>          |
| <b>Percent Solids for Sample:</b> 83.3                           | <b>Spiked ID:</b> Q3681-01MS      | <b>Percent Solids for Spike Sample:</b> 83.3 |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Aluminum  | mg/Kg | 75 - 125               | 9700             |   | 8370             |   | 110            | 1204          |      | P  |
| Antimony  | mg/Kg | 75 - 125               | 18.8             |   | 2.50             | U | 43.7           | 43            | N    | P  |
| Arsenic   | mg/Kg | 75 - 125               | 39.7             |   | 3.29             |   | 43.7           | 83            |      | P  |
| Barium    | mg/Kg | 75 - 125               | 75.1             |   | 70.5             |   | 10.9           | 42            |      | P  |
| Beryllium | mg/Kg | 75 - 125               | 9.78             |   | 0.58             |   | 10.9           | 84            |      | P  |
| Cadmium   | mg/Kg | 75 - 125               | 11.7             |   | 0.84             |   | 10.9           | 99            |      | P  |
| Calcium   | mg/Kg | 75 - 125               | 1970             |   | 2380             |   | 54.6           | -760          |      | P  |
| Chromium  | mg/Kg | 75 - 125               | 35.3             |   | 15.4             |   | 21.8           | 91            |      | P  |
| Cobalt    | mg/Kg | 75 - 125               | 19.1             |   | 7.47             |   | 10.9           | 107           |      | P  |
| Copper    | mg/Kg | 75 - 125               | 52.8             |   | 54.2             |   | 16.4           | -8            | N    | P  |
| Iron      | mg/Kg | 75 - 125               | 14700            |   | 14300            |   | 160            | 236           |      | P  |
| Lead      | mg/Kg | 75 - 125               | 117              |   | 84.7             |   | 54.6           | 59            | N    | P  |
| Magnesium | mg/Kg | 75 - 125               | 2420             |   | 2280             |   | 110            | 128           |      | P  |
| Manganese | mg/Kg | 75 - 125               | 288              |   | 285              |   | 10.9           | 28            |      | P  |
| Mercury   | mg/Kg | 80 - 120               | 0.33             |   | 0.071            |   | 0.29           | 88            |      | CV |
| Nickel    | mg/Kg | 75 - 125               | 43.9             |   | 17.1             |   | 27.3           | 98            |      | P  |
| Potassium | mg/Kg | 75 - 125               | 1190             |   | 800              |   | 550            | 72            | N    | P  |
| Selenium  | mg/Kg | 75 - 125               | 89.7             |   | 1.00             | U | 110            | 82            |      | P  |
| Silver    | mg/Kg | 75 - 125               | 2.87             |   | 0.50             | U | 4.1            | 70            | N    | P  |
| Sodium    | mg/Kg | 75 - 125               | 330              |   | 175              |   | 160            | 96            |      | P  |
| Thallium  | mg/Kg | 75 - 125               | 109              |   | 2.00             | U | 110            | 99            |      | P  |
| Vanadium  | mg/Kg | 75 - 125               | 36.9             |   | 19.6             |   | 16.4           | 105           |      | P  |
| Zinc      | mg/Kg | 75 - 125               | 65.4             |   | 53.3             |   | 10.9           | 111           |      | P  |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** Core Environmental Consultants and Service    **level:** low    **sdg no.:** Q3671  
**contract:** CORE02    **lab code:** ACE  
**matrix:** Solid    **sample id:** Q3681-01    **client id:** ETGI-354MSD

**Percent Solids for Sample:** 83.3    **Spiked ID:** Q3681-01MSD    **Percent Solids for Spike Sample:** 83.3

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Aluminum  | mg/Kg | 75 - 125               | 10100         |   | 8370             |   | 110            | 1566          |      | P  |
| Antimony  | mg/Kg | 75 - 125               | 19.3          |   | 2.50             | U | 44.9           | 43            | N    | P  |
| Arsenic   | mg/Kg | 75 - 125               | 40.8          |   | 3.29             |   | 44.9           | 84            |      | P  |
| Barium    | mg/Kg | 75 - 125               | 77.6          |   | 70.5             |   | 11.2           | 63            |      | P  |
| Beryllium | mg/Kg | 75 - 125               | 10.1          |   | 0.58             |   | 11.2           | 85            |      | P  |
| Cadmium   | mg/Kg | 75 - 125               | 12.0          |   | 0.84             |   | 11.2           | 100           |      | P  |
| Calcium   | mg/Kg | 75 - 125               | 2040          |   | 2380             |   | 56.1           | -607          |      | P  |
| Chromium  | mg/Kg | 75 - 125               | 36.4          |   | 15.4             |   | 22.4           | 94            |      | P  |
| Cobalt    | mg/Kg | 75 - 125               | 19.7          |   | 7.47             |   | 11.2           | 109           |      | P  |
| Copper    | mg/Kg | 75 - 125               | 54.2          |   | 54.2             |   | 16.8           | 0             | N    | P  |
| Iron      | mg/Kg | 75 - 125               | 15100         |   | 14300            |   | 170            | 482           |      | P  |
| Lead      | mg/Kg | 75 - 125               | 120           |   | 84.7             |   | 56.1           | 64            | N    | P  |
| Magnesium | mg/Kg | 75 - 125               | 2520          |   | 2280             |   | 110            | 218           |      | P  |
| Manganese | mg/Kg | 75 - 125               | 296           |   | 285              |   | 11.2           | 103           |      | P  |
| Mercury   | mg/Kg | 80 - 120               | 0.30          |   | 0.071            |   | 0.28           | 83            |      | CV |
| Nickel    | mg/Kg | 75 - 125               | 44.9          |   | 17.1             |   | 28.0           | 99            |      | P  |
| Potassium | mg/Kg | 75 - 125               | 1230          |   | 800              |   | 560            | 78            |      | P  |
| Selenium  | mg/Kg | 75 - 125               | 92.5          |   | 1.00             | U | 110            | 84            |      | P  |
| Silver    | mg/Kg | 75 - 125               | 2.93          |   | 0.50             | U | 4.2            | 70            | N    | P  |
| Sodium    | mg/Kg | 75 - 125               | 343           |   | 175              |   | 170            | 99            |      | P  |
| Thallium  | mg/Kg | 75 - 125               | 110           |   | 2.00             | U | 110            | 100           |      | P  |
| Vanadium  | mg/Kg | 75 - 125               | 38.5          |   | 19.6             |   | 16.8           | 113           |      | P  |
| Zinc      | mg/Kg | 75 - 125               | 66.9          |   | 53.3             |   | 11.2           | 121           |      | P  |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                   |                                                   |                   |                  |
|-------------------|---------------------------------------------------|-------------------|------------------|
| <b>Client:</b>    | <u>Core Environmental Consultants and Service</u> | <b>SDG No.:</b>   | <u>Q3671</u>     |
| <b>Contract:</b>  | <u>CORE02</u>                                     | <b>Lab Code:</b>  | <u>ACE</u>       |
| <b>Matrix:</b>    | <u>Solid</u>                                      | <b>Level:</b>     | <u>LOW</u>       |
| <b>Sample ID:</b> | <u>Q3681-01</u>                                   | <b>Client ID:</b> | <u>ETGI-354A</u> |
|                   | <b>Spiked ID:</b>                                 | <u>Q3681-01A</u>  |                  |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Antimony  | mg/Kg | 75 - 125               | 32.3             |   | 2.50             | U | 40.0           | 81            |      | P |
| Copper    | mg/Kg | 75 - 125               | 64.7             |   | 54.2             |   | 15.0           | 70            | N    | P |
| Lead      | mg/Kg | 75 - 125               | 131              |   | 84.7             |   | 50.0           | 92            |      | P |
| Potassium | mg/Kg | 75 - 125               | 1160             |   | 800              |   | 500            | 72            | N    | P |
| Silver    | mg/Kg | 75 - 125               | 2.39             |   | 0.50             | U | 3.80           | 63            | N    | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE  
**Matrix:** Solid **Sample ID:** Q3681-01 **Client ID:** ETGI-354DUP  
**Percent Solids for Sample:** 83.3 **Duplicate ID** Q3681-01DUP **Percent Solids for Spike Sample:** 83.3

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Aluminum  | mg/Kg | 20               | 8370          |   | 9500             |   | 13  |      | P  |
| Antimony  | mg/Kg | 20               | 2.50          | U | 2.83             | U |     |      | P  |
| Arsenic   | mg/Kg | 20               | 3.29          |   | 3.49             |   | 6   |      | P  |
| Barium    | mg/Kg | 20               | 70.5          |   | 80.7             |   | 13  |      | P  |
| Beryllium | mg/Kg | 20               | 0.58          |   | 0.66             |   | 12  |      | P  |
| Cadmium   | mg/Kg | 20               | 0.84          |   | 0.93             |   | 9   |      | P  |
| Calcium   | mg/Kg | 20               | 2380          |   | 2690             |   | 12  |      | P  |
| Chromium  | mg/Kg | 20               | 15.4          |   | 17.4             |   | 12  |      | P  |
| Cobalt    | mg/Kg | 20               | 7.47          |   | 8.43             |   | 12  |      | P  |
| Copper    | mg/Kg | 20               | 54.2          |   | 61.2             |   | 12  |      | P  |
| Iron      | mg/Kg | 20               | 14300         |   | 16300            |   | 13  |      | P  |
| Lead      | mg/Kg | 20               | 84.7          |   | 95.9             |   | 12  |      | P  |
| Magnesium | mg/Kg | 20               | 2280          |   | 2600             |   | 13  |      | P  |
| Manganese | mg/Kg | 20               | 285           |   | 321              |   | 12  |      | P  |
| Mercury   | mg/Kg | 20               | 0.071         |   | 0.064            |   | 10  |      | CV |
| Nickel    | mg/Kg | 20               | 17.1          |   | 17.5             |   | 2   |      | P  |
| Potassium | mg/Kg | 20               | 800           |   | 892              |   | 11  |      | P  |
| Selenium  | mg/Kg | 20               | 1.00          | U | 1.13             | U |     |      | P  |
| Silver    | mg/Kg | 20               | 0.50          | U | 0.57             | U |     |      | P  |
| Sodium    | mg/Kg | 20               | 175           |   | 182              |   | 4   |      | P  |
| Thallium  | mg/Kg | 20               | 2.00          | U | 2.27             | U |     |      | P  |
| Vanadium  | mg/Kg | 20               | 19.6          |   | 22.4             |   | 13  |      | P  |
| Zinc      | mg/Kg | 20               | 53.3          |   | 58.3             |   | 9   |      | P  |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE  
**Matrix:** Solid **Sample ID:** Q3681-01MS **Client ID:** ETGI-354MSD  
**Percent Solids for Sample:** 83.3 **Duplicate ID** Q3681-01MSD **Percent Solids for Spike Sample:** 83.3

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Aluminum  | mg/Kg | 20               | 9700          |   | 10100            |   | 4   |      | P  |
| Antimony  | mg/Kg | 20               | 18.8          |   | 19.3             |   | 3   |      | P  |
| Arsenic   | mg/Kg | 20               | 39.7          |   | 40.8             |   | 3   |      | P  |
| Barium    | mg/Kg | 20               | 75.1          |   | 77.6             |   | 3   |      | P  |
| Beryllium | mg/Kg | 20               | 9.78          |   | 10.1             |   | 3   |      | P  |
| Cadmium   | mg/Kg | 20               | 11.7          |   | 12.0             |   | 3   |      | P  |
| Calcium   | mg/Kg | 20               | 1970          |   | 2040             |   | 3   |      | P  |
| Chromium  | mg/Kg | 20               | 35.3          |   | 36.4             |   | 3   |      | P  |
| Cobalt    | mg/Kg | 20               | 19.1          |   | 19.7             |   | 3   |      | P  |
| Copper    | mg/Kg | 20               | 52.8          |   | 54.2             |   | 3   |      | P  |
| Iron      | mg/Kg | 20               | 14700         |   | 15100            |   | 3   |      | P  |
| Lead      | mg/Kg | 20               | 117           |   | 120              |   | 3   |      | P  |
| Magnesium | mg/Kg | 20               | 2420          |   | 2520             |   | 4   |      | P  |
| Manganese | mg/Kg | 20               | 288           |   | 296              |   | 3   |      | P  |
| Mercury   | mg/Kg | 20               | 0.33          |   | 0.30             |   | 7   |      | CV |
| Nickel    | mg/Kg | 20               | 43.9          |   | 44.9             |   | 2   |      | P  |
| Potassium | mg/Kg | 20               | 1190          |   | 1230             |   | 3   |      | P  |
| Selenium  | mg/Kg | 20               | 89.7          |   | 92.5             |   | 3   |      | P  |
| Silver    | mg/Kg | 20               | 2.87          |   | 2.93             |   | 2   |      | P  |
| Sodium    | mg/Kg | 20               | 330           |   | 343              |   | 4   |      | P  |
| Thallium  | mg/Kg | 20               | 109           |   | 110              |   | 1   |      | P  |
| Vanadium  | mg/Kg | 20               | 36.9          |   | 38.5             |   | 4   |      | P  |
| Zinc      | mg/Kg | 20               | 65.4          |   | 66.9             |   | 2   |      | P  |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB170655BS<br>Mercury | mg/Kg | 0.25       | 0.25   |   | 99            | 80 - 120             | CV |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Core Environmental Consultants and Service **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB170657BS |       |            |        |   |               |                      |   |
| Aluminum   | mg/Kg | 100        | 96.0   |   | 96            | 80 - 120             | P |
| Antimony   | mg/Kg | 40.0       | 39.9   |   | 100           | 80 - 120             | P |
| Arsenic    | mg/Kg | 40.0       | 39.4   |   | 98            | 80 - 120             | P |
| Barium     | mg/Kg | 10.0       | 8.98   |   | 90            | 80 - 120             | P |
| Beryllium  | mg/Kg | 10.0       | 9.55   |   | 96            | 80 - 120             | P |
| Cadmium    | mg/Kg | 10.0       | 9.66   |   | 97            | 80 - 120             | P |
| Calcium    | mg/Kg | 50.0       | 47.9   | J | 96            | 80 - 120             | P |
| Chromium   | mg/Kg | 20.0       | 20.0   |   | 100           | 80 - 120             | P |
| Cobalt     | mg/Kg | 10.0       | 9.67   |   | 97            | 80 - 120             | P |
| Copper     | mg/Kg | 15.0       | 15.3   |   | 102           | 80 - 120             | P |
| Iron       | mg/Kg | 150        | 148    |   | 99            | 80 - 120             | P |
| Lead       | mg/Kg | 50.0       | 47.7   |   | 95            | 80 - 120             | P |
| Magnesium  | mg/Kg | 100        | 95.1   | J | 95            | 80 - 120             | P |
| Manganese  | mg/Kg | 10.0       | 9.46   |   | 95            | 80 - 120             | P |
| Nickel     | mg/Kg | 25.0       | 24.5   |   | 98            | 80 - 120             | P |
| Potassium  | mg/Kg | 500        | 475    |   | 95            | 80 - 120             | P |
| Selenium   | mg/Kg | 100        | 99.7   |   | 100           | 80 - 120             | P |
| Silver     | mg/Kg | 3.8        | 3.79   |   | 100           | 80 - 120             | P |
| Sodium     | mg/Kg | 150        | 127    |   | 85            | 80 - 120             | P |
| Thallium   | mg/Kg | 100        | 98.3   |   | 98            | 80 - 120             | P |
| Vanadium   | mg/Kg | 15.0       | 14.5   |   | 97            | 80 - 120             | P |
| Zinc       | mg/Kg | 10.0       | 10.3   |   | 103           | 80 - 120             | P |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

ETGI-354L

Lab Name: Alliance Contract: CORE02  
Lab Code: ACE Lb No.: lb138017 Lab Sample ID : Q3681-01L SDG No.: Q3671  
Matrix (soil/water): Solid Level (low/med): LOW  
Concentration Units: mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Difference |  | Q | M  |
|-----------|---------------------------|---|----------------------------|---|--------------|--|---|----|
| Aluminum  | 8370                      |   | 9560                       |   | 14           |  |   | P  |
| Antimony  | 2.50                      | U | 12.5                       | U |              |  |   | P  |
| Arsenic   | 3.29                      |   | 2.96                       | J | 10           |  |   | P  |
| Barium    | 70.5                      |   | 80.5                       |   | 14           |  |   | P  |
| Beryllium | 0.58                      |   | 0.73                       | J | 25           |  |   | P  |
| Cadmium   | 0.84                      |   | 0.53                       | J | 38           |  |   | P  |
| Calcium   | 2380                      |   | 2760                       |   | 16           |  |   | P  |
| Chromium  | 15.4                      |   | 17.5                       |   | 14           |  |   | P  |
| Cobalt    | 7.47                      |   | 7.15                       | J | 4            |  |   | P  |
| Copper    | 54.2                      |   | 64.5                       |   | 19           |  |   | P  |
| Iron      | 14300                     |   | 16100                      |   | 13           |  |   | P  |
| Lead      | 84.7                      |   | 82.4                       |   | 3            |  |   | P  |
| Magnesium | 2280                      |   | 2630                       |   | 15           |  |   | P  |
| Manganese | 285                       |   | 335                        |   | 18           |  |   | P  |
| Mercury   | 0.071                     |   | 0.085                      |   | 20           |  |   | CV |
| Nickel    | 17.1                      |   | 16.6                       |   | 3            |  |   | P  |
| Potassium | 800                       |   | 846                        |   | 6            |  |   | P  |
| Selenium  | 1.00                      | U | 5.00                       | U |              |  |   | P  |
| Silver    | 0.50                      | U | 2.50                       | U |              |  |   | P  |
| Sodium    | 175                       |   | 173                        | J | 1            |  |   | P  |
| Thallium  | 2.00                      | U | 10.0                       | U |              |  |   | P  |
| Vanadium  | 19.6                      |   | 21.9                       |   | 12           |  |   | P  |
| Zinc      | 53.3                      |   | 60.6                       |   | 14           |  |   | P  |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |            |           |           |
|-----------|-------------------------|------------------------------------------|------------|------------|-----------|-----------|
|           |                         | Al                                       | Ca         | Fe         | Mg        | Ag        |
| Aluminum  | 396.100                 | 0.0000000                                | -0.0002060 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000930  | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000  | 0.0007850  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | -0.0000920                               | 0.0000000  | 0.0000380  | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0001050  | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|           |                         | As                                       | Ba        | Be        | Cd        | Co         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead      | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900  |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |            |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|------------|------------|
|           |                         | Cr                                       | Cu        | K         | Mn         | Mo         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000590 | 0.0000000  | 0.0396900  |
| Antimony  | 206.833                 | 0.0122000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Arsenic   | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000  | 0.0004900  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200  | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0007860 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0006510  | 0.0020500  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000730 | 0.0000000  | -0.0015250 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400  | -0.0008600 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460  | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0000120 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0017400  | -0.0100400 |
| Vanadium  | 292.402                 | -0.0025100                               | 0.0000000 | 0.0000000 | 0.0000000  | -0.0072000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000  | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |           |           |
|-----------|-------------------------|----------------------------------------|------------|-----------|-----------|-----------|
|           |                         | Na                                     | Ni         | Pb        | Sb        | Se        |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000  | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                              | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                              | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                              | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                              | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Core Environmental Consultants and Service

**SDG No.:** Q3671

**Contract:** CORE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |            |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|------------|-----------|
|           |                         | Sn                                       | Ti         | Tl        | V          | Zn        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Antimony  | 206.833                 | -0.0035600                               | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000  | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110  | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0018800  | 0.0000000 | 0.0000000  | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000  | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000  | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000  | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0005320  | 0.0000000 | 0.0000000  | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |

METAL  
PREPARATION &  
ANALYICAL  
SUMMARY

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

**Client:** Core Environmental Consultants and Service **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE **Method:** \_\_\_\_\_

| Sample ID                     | Client ID                    | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------------------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB170655</b> |                              |             |        |            |                        |                          |                |
| PB170655BL                    | PB170655BL                   | MB          | SOLID  | 11/20/2025 | 0.59                   | 35.0                     | 100.00         |
| PB170655BS                    | PB170655BS                   | LCS         | SOLID  | 11/20/2025 | 0.57                   | 35.0                     | 100.00         |
| Q3671-01                      | Zeltmann Power Plant HSRG 7B | SAM         | SOLID  | 11/20/2025 | 0.51                   | 35.0                     | 96.10          |
| Q3681-01DUP                   | ETGI-354DUP                  | DUP         | SOLID  | 11/20/2025 | 0.60                   | 35.0                     | 83.30          |
| Q3681-01MS                    | ETGI-354MS                   | MS          | SOLID  | 11/20/2025 | 0.58                   | 35.0                     | 83.30          |
| Q3681-01MSD                   | ETGI-354MSD                  | MSD         | SOLID  | 11/20/2025 | 0.59                   | 35.0                     | 83.30          |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

**Client:** Core Environmental Consultants and Service **SDG No.:** Q3671  
**Contract:** CORE02 **Lab Code:** ACE **Method:** \_\_\_\_\_

| Sample ID                     | Client ID                    | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------------------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB170657</b> |                              |             |        |            |                        |                          |                |
| PB170657BL                    | PB170657BL                   | MB          | SOLID  | 11/20/2025 | 2.00                   | 100.0                    | 100.00         |
| PB170657BS                    | PB170657BS                   | LCS         | SOLID  | 11/20/2025 | 2.00                   | 100.0                    | 100.00         |
| Q3671-01                      | Zeltmann Power Plant HSRG 7B | SAM         | SOLID  | 11/20/2025 | 2.30                   | 100.0                    | 96.10          |
| Q3681-01DUP                   | ETGI-354DUP                  | DUP         | SOLID  | 11/20/2025 | 2.12                   | 100.0                    | 83.30          |
| Q3681-01MS                    | ETGI-354MS                   | MS          | SOLID  | 11/20/2025 | 2.20                   | 100.0                    | 83.30          |
| Q3681-01MSD                   | ETGI-354MSD                  | MSD         | SOLID  | 11/20/2025 | 2.14                   | 100.0                    | 83.30          |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Core Environmental Consultants and Service

**Contract:** CORE02

**Lab code:** ACE

**Sdg no.:** Q3671

**Instrument id number:**                      **Method:**                     

**Run number:** LB137986

**Start date:** 11/20/2025 **End date:** 11/20/2025

| Lab sample id. | Client Sample Id             | d/f | Time | Parameter list |
|----------------|------------------------------|-----|------|----------------|
| S0             | S0                           | 1   | 1152 | HG             |
| S0.2           | S0.2                         | 1   | 1155 | HG             |
| S2.5           | S2.5                         | 1   | 1157 | HG             |
| S5             | S5                           | 1   | 1202 | HG             |
| S7.5           | S7.5                         | 1   | 1204 | HG             |
| S10            | S10                          | 1   | 1207 | HG             |
| ICV123         | ICV123                       | 1   | 1211 | HG             |
| ICB123         | ICB123                       | 1   | 1213 | HG             |
| CCV19          | CCV19                        | 1   | 1216 | HG             |
| CCB19          | CCB19                        | 1   | 1218 | HG             |
| CRA            | CRA                          | 1   | 1220 | HG             |
| PB170655BL     | PB170655BL                   | 1   | 1227 | HG             |
| PB170655BS     | PB170655BS                   | 1   | 1229 | HG             |
| Q3671-01       | Zeltmann Power Plant HSRG 7B | 1   | 1232 | HG             |
| Q3681-01DUP    | ETGI-354DUP                  | 1   | 1244 | HG             |
| Q3681-01MS     | ETGI-354MS                   | 1   | 1247 | HG             |
| CCV20          | CCV20                        | 1   | 1249 | HG             |
| CCB20          | CCB20                        | 1   | 1251 | HG             |
| Q3681-01MSD    | ETGI-354MSD                  | 1   | 1253 | HG             |
| Q3681-01L      | ETGI-354L                    | 5   | 1258 | HG             |
| CCV21          | CCV21                        | 1   | 1306 | HG             |
| CCB21          | CCB21                        | 1   | 1308 | HG             |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Core Environmental Consultants and Servic

**Contract:** CORE02

**Lab code:** ACE

**Sdg no.:** Q3671

**Instrument id number:**

**Method:**

**Run number:** LB137997

**Start date:** 11/20/2025

**End date:** 11/20/2025

| Lab sample id. | Client Sample Id             | d/f | Time | Parameter list                                                  |
|----------------|------------------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0                           | 1   | 1247 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1                           | 1   | 1251 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2                           | 1   | 1255 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3                           | 1   | 1300 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4                           | 1   | 1304 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5                           | 1   | 1308 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01                        | 1   | 1312 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01                      | 1   | 1317 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01                        | 1   | 1321 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01                        | 1   | 1326 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01                       | 1   | 1339 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01                      | 1   | 1344 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01                        | 1   | 1356 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01                        | 1   | 1401 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB170657BL     | PB170657BL                   | 1   | 1410 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB170657BS     | PB170657BS                   | 1   | 1414 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3671-01       | Zeltmann Power Plant HSRG 7B | 1   | 1507 | Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn       |
| Q3671-01       | Zeltmann Power Plant HSRG 7B | 5   | 1511 | Ag,Fe                                                           |
| CCV02          | CCV02                        | 1   | 1542 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02                        | 1   | 1546 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Core Environmental Consultants and Servic

**Contract:** CORE02

**Lab code:** ACE

**Sdg no.:** Q3671

**Instrument id number:**

**Method:**

**Run number:** LB138017

**Start date:** 11/21/2025

**End date:** 11/21/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1213 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1217 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1222 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1226 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1230 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1234 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1300 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1309 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1313 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1317 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1322 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1326 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1344 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1348 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3681-01DUP    | ETGI-354DUP      | 1   | 1422 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3681-01L      | ETGI-354L        | 5   | 1426 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3681-01MS     | ETGI-354MS       | 1   | 1430 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1448 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1452 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3681-01MSD    | ETGI-354MSD      | 1   | 1456 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3681-01A      | ETGI-354A        | 1   | 1501 | Ag,Cu,K,Pb,Sb                                                   |
| CCV03          | CCV03            | 1   | 1538 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1542 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04          | CCV04            | 1   | 1628 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1632 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05            | 1   | 1750 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05            | 1   | 1755 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06          | CCV06            | 1   | 1841 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06          | CCB06            | 1   | 1845 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07          | CCV07            | 1   | 1931 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07          | CCB07            | 1   | 1935 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |