

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892  
Initial Calibration Source: \_\_\_\_\_  
Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | %<br>RSD | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|----------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 2484.32        | 2500       | 99.4          | .5605868 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Antimony  | 1014           | 1000       | 101.4         | .1656301 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Arsenic   | 1037.29        | 1000       | 103.7         | .0391533 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Barium    | 520.738        | 520        | 100.1         | .1270814 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Beryllium | 476.54         | 510        | 93.4          | .4530645 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Cadmium   | 516.281        | 510        | 101.2         | .3536114 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Calcium   | 10005.7        | 10000      | 100.1         | .1865792 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Chromium  | 531.688        | 520        | 102.2         | .1296073 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Cobalt    | 519.776        | 520        | 100           | .2002666 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Copper    | 540.091        | 510        | 105.9         | .0927657 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Iron      | 10889.8        | 10000      | 108.9         | .5659536 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Lead      | 999.785        | 1000       | 100           | .3757002 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Magnesium | 5834.18        | 6000       | 97.2          | .8731204 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Manganese | 515.211        | 520        | 99.1          | .1787517 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Nickel    | 522.096        | 530        | 98.5          | .2030563 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Potassium | 10323.3        | 9900       | 104.3         | .5400801 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Selenium  | 1065.59        | 1000       | 106.6         | .7067036 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Silver    | 268.068        | 250        | 107.2         | .5286315 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Sodium    | 10542.6        | 10000      | 105.4         | .2443042 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Thallium  | 1071.85        | 1000       | 107.2         | .4069157 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Vanadium  | 497.516        | 500        | 99.5          | .1741057 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |
|           | Zinc      | 1055.69        | 1000       | 105.6         | .1283703 | 90 - 110                  | P | 05/22/2025       | 15:00            | LB135892      |

## Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** LB135892

SDG No.: LB135892

Contract: Lab Code: CHEM

**Case No.:** LB135892

**SAS No.:** LB135892

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte   | Result  | True Value | %        | %        | Acceptance | M          | Analysis   | Analysis | Run      |
|-----------|-----------|---------|------------|----------|----------|------------|------------|------------|----------|----------|
|           |           | ug/L    |            |          |          |            |            |            |          |          |
| LLICV01   | Aluminum  | 115.016 | 100        | 115      | 7.857204 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Antimony  | 53.5142 | 50         | 107      | 1.944477 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Arsenic   | 17.5601 | 20         | 87.8     | 9.607259 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Barium    | 105.493 | 100        | 105.5    | .8063656 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Beryllium | 5.9777  | 6          | 99.6     | 1.022264 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Cadmium   | 6.2427  | 6          | 104      | .6070997 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Calcium   | 2098.34 | 2000       | 104.9    | .6526319 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Chromium  | 9.8636  | 10         | 98.6     | 1.375230 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Cobalt    | 30.4972 | 30         | 101.7    | .5744392 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Copper    | 23.9088 | 20         | 119.5    | .8906239 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Iron      | 112.669 | 100        | 112.7    | 3.394002 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Lead      | 11.1449 | 12         | 92.9     | 10.69888 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Magnesium | 2173.54 | 2000       | 108.7    | .2583332 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Manganese | 21.6882 | 20         | 108.4    | .9318247 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Nickel    | 40.7503 | 40         | 101.9    | .7890789 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Potassium | 2081.11 | 2000       | 104.1    | .7926836 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Selenium  | 18.3947 | 20         | 92       | 9.930211 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Silver    | 9.7399  | 10         | 97.4     | .8893146 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Sodium    | 2115.81 | 2000       | 105.8    | .2891327 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
|           | Thallium  | 40.8364 | 40         | 102.1    | 2.609322 | 80 - 120   | P          | 05/22/2025 | 15:16    | LB135892 |
| Vanadium  | 42.4657   | 40      | 106.2      | .7999156 | 80 - 120 | P          | 05/22/2025 | 15:16      | LB135892 |          |
| Zinc      | 45.3938   | 40      | 113.5      | 1.384762 | 80 - 120 | P          | 05/22/2025 | 15:16      | LB135892 |          |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892  
Initial Calibration Source: \_\_\_\_\_  
Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | %<br>RSD | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|----------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9516.91        | 10000      | 95.2          | .1441106 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Antimony  | 4888.84        | 5000       | 97.8          | .1691194 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Arsenic   | 4832.08        | 5000       | 96.6          | .1306465 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Barium    | 10002.7        | 10000      | 100           | .5895876 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Beryllium | 226.783        | 250        | 90.7          | .1791024 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Cadmium   | 2369.45        | 2500       | 94.8          | .2846543 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Calcium   | 23956.8        | 25000      | 95.8          | .1082331 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Chromium  | 961.569        | 1000       | 96.2          | .0746223 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Cobalt    | 2377.05        | 2500       | 95.1          | .1244334 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Copper    | 1224.82        | 1250       | 98            | .1935065 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Iron      | 5074.17        | 5000       | 101.5         | .4324156 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Lead      | 4779.8         | 5000       | 95.6          | .2374414 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Magnesium | 23450.8        | 25000      | 93.8          | .2479880 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Manganese | 2383.93        | 2500       | 95.4          | .1067865 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Nickel    | 2383.2         | 2500       | 95.3          | .1971687 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Potassium | 24874.6        | 25000      | 99.5          | .3859635 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Selenium  | 4871.31        | 5000       | 97.4          | .3127628 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Silver    | 1213.91        | 1250       | 97.1          | .1047818 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Sodium    | 25346          | 25000      | 101.4         | .4419368 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Thallium  | 4883.32        | 5000       | 97.7          | .7057607 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Vanadium  | 2426.18        | 2500       | 97            | .3026274 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
|           | Zinc      | 2433.71        | 2500       | 97.3          | .1507922 | 90 - 110                  | P | 05/22/2025       | 15:51            | LB135892      |
| CCV02     | Aluminum  | 9603.69        | 10000      | 96            | .1587752 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Antimony  | 4843.97        | 5000       | 96.9          | .3185735 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Arsenic   | 4823.25        | 5000       | 96.5          | .3035322 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Barium    | 9365.78        | 10000      | 93.7          | .8980554 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Beryllium | 247.626        | 250        | 99.1          | .5506845 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Cadmium   | 2367           | 2500       | 94.7          | .1457492 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Calcium   | 23686.6        | 25000      | 94.7          | .2227394 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Chromium  | 960.891        | 1000       | 96.1          | .3325050 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Cobalt    | 2362.95        | 2500       | 94.5          | .1044425 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Copper    | 1217.27        | 1250       | 97.4          | .2539734 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Iron      | 4679.01        | 5000       | 93.6          | .4591200 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892  
Initial Calibration Source: \_\_\_\_\_  
Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | %<br>RSD | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|----------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Lead      | 4766.82        | 5000       | 95.3          | .1330087 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Magnesium | 23725.6        | 25000      | 94.9          | .1960030 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Manganese | 2392.53        | 2500       | 95.7          | .1113958 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Nickel    | 2374.42        | 2500       | 95            | .1765417 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Potassium | 23489.5        | 25000      | 94            | .4611898 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Selenium  | 4846.7         | 5000       | 96.9          | .3654060 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Silver    | 1204.55        | 1250       | 96.4          | .3058800 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Sodium    | 23348          | 25000      | 93.4          | .6332724 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Thallium  | 4850.99        | 5000       | 97            | 1.122540 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Vanadium  | 2383.6         | 2500       | 95.3          | .1350355 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
|           | Zinc      | 2425.86        | 2500       | 97            | .4034789 | 90 - 110                  | P | 05/22/2025       | 16:38            | LB135892      |
| CCV03     | Aluminum  | 9205.62        | 10000      | 92.1          | .0374955 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Antimony  | 4656.88        | 5000       | 93.1          | .7091789 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Arsenic   | 4674.43        | 5000       | 93.5          | .5542242 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Barium    | 9344.34        | 10000      | 93.4          | .3621806 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Beryllium | 234.871        | 250        | 93.9          | .4983935 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Cadmium   | 2337.47        | 2500       | 93.5          | .1703535 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Calcium   | 23315.7        | 25000      | 93.3          | .4191487 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Chromium  | 954.862        | 1000       | 95.5          | 2.707535 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Cobalt    | 2328.16        | 2500       | 93.1          | .1433618 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Copper    | 1175.74        | 1250       | 94.1          | .3203236 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Iron      | 4761.56        | 5000       | 95.2          | 2.182191 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Lead      | 4675.41        | 5000       | 93.5          | .2023177 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Magnesium | 23289.2        | 25000      | 93.2          | .1686504 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Manganese | 2338.76        | 2500       | 93.6          | .2184335 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Nickel    | 2332.11        | 2500       | 93.3          | .2025128 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Potassium | 23213.9        | 25000      | 92.9          | 2.202522 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Selenium  | 4683.05        | 5000       | 93.7          | .6218887 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Silver    | 1174.61        | 1250       | 94            | 2.687941 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Sodium    | 23278.8        | 25000      | 93.1          | 2.414440 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Thallium  | 4713.31        | 5000       | 94.3          | 1.151068 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Vanadium  | 2327.95        | 2500       | 93.1          | .1236381 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |
|           | Zinc      | 2349.72        | 2500       | 94            | 2.913608 | 90 - 110                  | P | 05/22/2025       | 17:28            | LB135892      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892  
Initial Calibration Source: \_\_\_\_\_  
Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | %<br>RSD | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|----------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Aluminum  | 9973.02        | 10000      | 99.7          | .3489392 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Antimony  | 4920.36        | 5000       | 98.4          | 1.504368 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Arsenic   | 4982.57        | 5000       | 99.7          | 1.209962 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Barium    | 10145.1        | 10000      | 101.5         | .3549152 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Beryllium | 257.532        | 250        | 103           | .9002042 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Cadmium   | 2424.19        | 2500       | 97            | .2435517 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Calcium   | 25193.6        | 25000      | 100.8         | .3037982 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Chromium  | 996.038        | 1000       | 99.6          | .1456488 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Cobalt    | 2435.53        | 2500       | 97.4          | .3966242 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Copper    | 1246.95        | 1250       | 99.8          | .9030872 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Iron      | 4881.68        | 5000       | 97.6          | .4692756 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Lead      | 4828.51        | 5000       | 96.6          | .2661676 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Magnesium | 24777.2        | 25000      | 99.1          | .3880407 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Manganese | 2453.82        | 2500       | 98.2          | .3582606 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Nickel    | 2437           | 2500       | 97.5          | .3340662 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Potassium | 24045.3        | 25000      | 96.2          | 1.046318 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Selenium  | 4984.93        | 5000       | 99.7          | 1.387857 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Silver    | 1247.97        | 1250       | 99.8          | .2675032 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Sodium    | 24502.1        | 25000      | 98            | 1.134701 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Thallium  | 4732.97        | 5000       | 94.7          | .9302312 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Vanadium  | 2492.35        | 2500       | 99.7          | .1649062 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |
|           | Zinc      | 2517.07        | 2500       | 100.7         | .1919052 | 90 - 110                  | P | 05/22/2025       | 19:08            | LB135892      |



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

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892

| 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  | 6.0068         | +/-100              | U            | 100  | P | 05/22/2025       | 15:20            | LB135892      |
|           | Antimony  | -0.616         | +/-50.0             | U            | 50.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Arsenic   | -2.027         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Barium    | -0.773         | +/-100              | U            | 100  | P | 05/22/2025       | 15:20            | LB135892      |
|           | Beryllium | -0.038         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 15:20            | LB135892      |
|           | Cadmium   | 0.0562         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 15:20            | LB135892      |
|           | Calcium   | 5.8418         | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Chromium  | -0.061         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Cobalt    | 0.1464         | +/-30.0             | U            | 30.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Copper    | -0.131         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Iron      | 23.2749        | +/-100              | U            | 100  | P | 05/22/2025       | 15:20            | LB135892      |
|           | Lead      | -0.32          | +/-12.0             | U            | 12.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Magnesium | 16.3339        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Manganese | 0.0113         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Nickel    | 0.0782         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Potassium | -34.514        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Selenium  | -4.723         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Silver    | -0.457         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Sodium    | -27.969        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Thallium  | -2.01          | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Vanadium  | 0.4277         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:20            | LB135892      |
|           | Zinc      | 1.1518         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:20            | LB135892      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| Sample ID    | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| <b>CCB01</b> | Aluminum  | 10.6194        | +/-100              | U            | 100  | P | 05/22/2025       | 15:55            | LB135892      |
|              | Antimony  | -0.918         | +/-50.0             | U            | 50.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Arsenic   | -3.773         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Barium    | 1.5053         | +/-100              | U            | 100  | P | 05/22/2025       | 15:55            | LB135892      |
|              | Beryllium | 0.022          | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 15:55            | LB135892      |
|              | Cadmium   | 0.2132         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 15:55            | LB135892      |
|              | Calcium   | 11.915         | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Chromium  | -0.025         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Cobalt    | 0.3897         | +/-30.0             | U            | 30.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Copper    | -0.112         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Iron      | 13.1599        | +/-100              | U            | 100  | P | 05/22/2025       | 15:55            | LB135892      |
|              | Lead      | 0.1461         | +/-12.0             | U            | 12.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Magnesium | 10.4967        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Manganese | 0.8648         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Nickel    | 0.1898         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Potassium | -34.528        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Selenium  | -0.684         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Silver    | -0.201         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Sodium    | -50.405        | +/-2000             | U            | 2000 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Thallium  | -2.117         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Vanadium  | 0.5338         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:55            | LB135892      |
|              | Zinc      | 8.8837         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 15:55            | LB135892      |
| <b>CCB02</b> | Aluminum  | 4.0945         | +/-100              | U            | 100  | P | 05/22/2025       | 16:43            | LB135892      |
|              | Antimony  | 1.8558         | +/-50.0             | U            | 50.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Arsenic   | -3.309         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Barium    | 1.3808         | +/-100              | U            | 100  | P | 05/22/2025       | 16:43            | LB135892      |
|              | Beryllium | 0.0353         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 16:43            | LB135892      |
|              | Cadmium   | 0.2282         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 16:43            | LB135892      |
|              | Calcium   | 9.2239         | +/-2000             | U            | 2000 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Chromium  | 0.0734         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Cobalt    | 0.3766         | +/-30.0             | U            | 30.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Copper    | 0.5694         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Iron      | 15.3904        | +/-100              | U            | 100  | P | 05/22/2025       | 16:43            | LB135892      |
|              | Lead      | -0.08          | +/-12.0             | U            | 12.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Magnesium | 17.3676        | +/-2000             | U            | 2000 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Manganese | 0.8649         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Nickel    | 0.2963         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Potassium | -8.361         | +/-2000             | U            | 2000 | P | 05/22/2025       | 16:43            | LB135892      |
|              | Selenium  | -3.2           | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 16:43            | LB135892      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892

| 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    | -0.216         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 16:43            | LB135892      |
|           | Sodium    | -50.334        | +/-2000             | U            | 2000 | P | 05/22/2025       | 16:43            | LB135892      |
|           | Thallium  | 0.2711         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 16:43            | LB135892      |
|           | Vanadium  | 0.454          | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 16:43            | LB135892      |
|           | Zinc      | 3.7726         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 16:43            | LB135892      |
| CCB03     | Aluminum  | 4.8017         | +/-100              | U            | 100  | P | 05/22/2025       | 17:32            | LB135892      |
|           | Antimony  | 0.8512         | +/-50.0             | U            | 50.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Arsenic   | -1.14          | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Barium    | 2.7316         | +/-100              | U            | 100  | P | 05/22/2025       | 17:32            | LB135892      |
|           | Beryllium | 0.0412         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 17:32            | LB135892      |
|           | Cadmium   | 0.1642         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 17:32            | LB135892      |
|           | Calcium   | 17.6152        | +/-2000             | U            | 2000 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Chromium  | 0.2924         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Cobalt    | 0.4636         | +/-30.0             | U            | 30.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Copper    | 0.3962         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Iron      | 14.2225        | +/-100              | U            | 100  | P | 05/22/2025       | 17:32            | LB135892      |
|           | Lead      | -0.314         | +/-12.0             | U            | 12.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Magnesium | 19.7636        | +/-2000             | U            | 2000 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Manganese | 1.0767         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Nickel    | 0.1957         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Potassium | 44.5313        | +/-2000             | U            | 2000 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Selenium  | -2.9           | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Silver    | -0.26          | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Sodium    | 71.1816        | +/-2000             | U            | 2000 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Thallium  | -0.864         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Vanadium  | 0.9508         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 17:32            | LB135892      |
|           | Zinc      | 8.3958         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 17:32            | LB135892      |
| CCB04     | Aluminum  | 2.3178         | +/-100              | U            | 100  | P | 05/22/2025       | 19:12            | LB135892      |
|           | Antimony  | -0.334         | +/-50.0             | U            | 50.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Arsenic   | -3.056         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Barium    | 2.3129         | +/-100              | U            | 100  | P | 05/22/2025       | 19:12            | LB135892      |
|           | Beryllium | 0.0413         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 19:12            | LB135892      |
|           | Cadmium   | 0.1651         | +/-6.0              | U            | 6.0  | P | 05/22/2025       | 19:12            | LB135892      |
|           | Calcium   | -6.629         | +/-2000             | U            | 2000 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Chromium  | 0.3013         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Cobalt    | 0.2367         | +/-30.0             | U            | 30.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Copper    | 0.3037         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Iron      | 0.7132         | +/-100              | U            | 100  | P | 05/22/2025       | 19:12            | LB135892      |
|           | Lead      | -0.179         | +/-12.0             | U            | 12.0 | P | 05/22/2025       | 19:12            | LB135892      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| 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 | 17.4604        | +/-2000             | U            | 2000 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Manganese | -0.121         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Nickel    | 0.2757         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Potassium | -18.692        | +/-2000             | U            | 2000 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Selenium  | -4.528         | +/-20.0             | U            | 20.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Silver    | -0.307         | +/-10.0             | U            | 10.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Sodium    | -5.513         | +/-2000             | U            | 2000 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Thallium  | -1.45          | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Vanadium  | -0.398         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 19:12            | LB135892      |
|           | Zinc      | -0.428         | +/-40.0             | U            | 40.0 | P | 05/22/2025       | 19:12            | LB135892      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
|-----------|---------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|

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

**Client:** LB135892

**SDG No.:** LB135892

**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>PB168106BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB168106</b> |   | <b>Prep Date:</b> | <b>05/21/2025</b> |          |
|                   | Aluminum     | 0.463             | <5                  | U                    | 5               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Antimony     | 0.014             | <2.5                | U                    | 2.5             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Arsenic      | 0.246             | <1                  | U                    | 1               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Barium       | 0.034             | <5                  | U                    | 5               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Beryllium    | 0.001             | <0.3                | U                    | 0.3             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Cadmium      | 0.003             | <0.3                | U                    | 0.3             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Calcium      | 0.081             | <100                | U                    | 100             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Chromium     | 0.001             | <0.5                | U                    | 0.5             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Cobalt       | 0.01              | <1.5                | U                    | 1.5             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Copper       | 0.001             | <1                  | U                    | 1               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Iron         | 0.408             | <5                  | U                    | 5               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Lead         | 0.014             | <0.6                | U                    | 0.6             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Magnesium    | 0.788             | <100                | U                    | 100             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Manganese    | 0.014             | <1                  | U                    | 1               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Nickel       | 0.002             | <2                  | U                    | 2               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Potassium    | 2.13              | <100                | U                    | 100             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Selenium     | 0.228             | <1                  | U                    | 1               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Silver       | 0.026             | <0.5                | U                    | 0.5             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Sodium       | 3.39              | <100                | U                    | 100             | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Thallium     | 0.01              | <2                  | U                    | 2               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Vanadium     | 0.009             | <2                  | U                    | 2               | P | 05/22/2025        | 16:33             | LB135892 |
|                   | Zinc         | 0.089             | <2                  | U                    | 2               | P | 05/22/2025        | 16:33             | LB135892 |
| Sample ID         | Analyte      | Result<br>(ug/L)  | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB168113BL</b> | <b>WATER</b> |                   |                     | <b>Batch Number:</b> | <b>PB168113</b> |   | <b>Prep Date:</b> | <b>05/21/2025</b> |          |
|                   | Aluminum     | 87.9              | <500                | J                    | 500             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Antimony     | 4.49              | <250                | U                    | 250             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Arsenic      | 25.4              | <100                | U                    | 100             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Barium       | 3.12              | <500                | U                    | 500             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Beryllium    | 0.051             | <30                 | U                    | 30              | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Cadmium      | 0.406             | <30                 | U                    | 30              | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Calcium      | 7.47              | <10000              | U                    | 10000           | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Chromium     | 0.6               | <50                 | U                    | 50              | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Cobalt       | 1.49              | <150                | U                    | 150             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Copper       | 0.717             | <100                | U                    | 100             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Iron         | 189               | <500                | J                    | 500             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Lead         | 1.44              | <60                 | U                    | 60              | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Magnesium    | 70.1              | <10000              | U                    | 10000           | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Manganese    | 2.83              | <100                | U                    | 100             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Nickel       | 1.3               | <200                | U                    | 200             | P | 05/22/2025        | 16:25             | LB135892 |

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

**Client:** LB135892

**SDG No.:** LB135892

**Instrument:** P4

|                   | Potassium    | 136               | <10000              | U                    | 10000           | P | 05/22/2025        | 16:25             | LB135892 |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
|                   | Selenium     | 11.1              | <100                | U                    | 100             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Silver       | 1.02              | <50                 | U                    | 50              | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Sodium       | 363               | <10000              | U                    | 10000           | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Thallium     | 5.14              | <200                | U                    | 200             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Vanadium     | 8.32              | <200                | U                    | 200             | P | 05/22/2025        | 16:25             | LB135892 |
|                   | Zinc         | 1.52              | <200                | U                    | 200             | P | 05/22/2025        | 16:25             | LB135892 |
| 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>PB168117BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB168117</b> |   | <b>Prep Date:</b> | <b>05/21/2025</b> |          |
|                   | Aluminum     | 0.261             | <5                  | U                    | 5               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Antimony     | 0.024             | <2.5                | U                    | 2.5             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Arsenic      | 0.091             | <1                  | U                    | 1               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Barium       | 0.11              | <5                  | U                    | 5               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Beryllium    | 0                 | <0.3                | U                    | 0.3             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Cadmium      | 0                 | <0.3                | U                    | 0.3             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Calcium      | 0.11              | <100                | U                    | 100             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Chromium     | 0.006             | <0.5                | U                    | 0.5             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Cobalt       | 0                 | <1.5                | U                    | 1.5             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Copper       | 0.001             | <1                  | U                    | 1               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Iron         | 0.396             | <5                  | U                    | 5               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Lead         | 0.042             | <0.6                | U                    | 0.6             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Magnesium    | 1.01              | <100                | U                    | 100             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Manganese    | 0.006             | <1                  | U                    | 1               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Nickel       | 0.018             | <2                  | U                    | 2               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Potassium    | 2.59              | <100                | U                    | 100             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Selenium     | 0.108             | <1                  | U                    | 1               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Silver       | 0.043             | <0.5                | U                    | 0.5             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Sodium       | 3.69              | <100                | U                    | 100             | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Thallium     | 0.014             | <2                  | U                    | 2               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Vanadium     | 0.037             | <2                  | U                    | 2               | P | 05/22/2025        | 16:53             | LB135892 |
|                   | Zinc         | 0.012             | <2                  | U                    | 2               | P | 05/22/2025        | 16:53             | LB135892 |

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

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892  
**ICS Source:**                      **Instrument ID:** P4

| Sample ID      | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|----------------|-----------|----------------|--------------------|---------------|----------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Aluminum  | 267000         | 255000             | 104.7         | 216000 - 294000%     | 05/22/2025       | 15:34            | LB135892      |
|                | Antimony  | -3.61          |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Arsenic   | 1.77           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Barium    | 7.57           | 6                  | 126.2         | -94 - 106%           | 05/22/2025       | 15:34            | LB135892      |
|                | Beryllium | 0.616          |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Cadmium   | -0.109         | 1                  | 10.9          | -5 - 7%              | 05/22/2025       | 15:34            | LB135892      |
|                | Calcium   | 257000         | 245000             | 104.9         | 208000 - 282000%     | 05/22/2025       | 15:34            | LB135892      |
|                | Chromium  | 59.5           | 52                 | 114.4         | 42 - 62%             | 05/22/2025       | 15:34            | LB135892      |
|                | Cobalt    | 1.57           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Copper    | 1.51           | 2                  | 75.5          | -18 - 22%            | 05/22/2025       | 15:34            | LB135892      |
|                | Iron      | 107000         | 101000             | 105.9         | 85600 - 116500%      | 05/22/2025       | 15:34            | LB135892      |
|                | Lead      | 5.66           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Magnesium | 274000         | 255000             | 107.5         | 216000 - 294000%     | 05/22/2025       | 15:34            | LB135892      |
|                | Manganese | 14.6           | 7                  | 208.6         | -13 - 27%            | 05/22/2025       | 15:34            | LB135892      |
|                | Nickel    | 2.35           | 2                  | 117.5         | -38 - 42%            | 05/22/2025       | 15:34            | LB135892      |
|                | Potassium | -12.1          |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Selenium  | 4.71           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Silver    | -1.36          |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Sodium    | 14.1           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Thallium  | 9.78           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Vanadium  | 3.74           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
|                | Zinc      | 3.58           |                    |               |                      | 05/22/2025       | 15:34            | LB135892      |
| <b>ICSAB01</b> | Aluminum  | 239000         | 247000             | 96.8          | 209000 - 285000%     | 05/22/2025       | 15:39            | LB135892      |
|                | Antimony  | 594            | 618                | 96.1          | 525 - 711%           | 05/22/2025       | 15:39            | LB135892      |
|                | Arsenic   | 107            | 104                | 102.9         | 88.4 - 120%          | 05/22/2025       | 15:39            | LB135892      |
|                | Barium    | 505            | 537                | 94            | 437 - 637%           | 05/22/2025       | 15:39            | LB135892      |
|                | Beryllium | 477            | 495                | 96.4          | 420 - 570%           | 05/22/2025       | 15:39            | LB135892      |
|                | Cadmium   | 965            | 972                | 99.3          | 826 - 1120%          | 05/22/2025       | 15:39            | LB135892      |
|                | Calcium   | 232000         | 235000             | 98.7          | 199000 - 271000%     | 05/22/2025       | 15:39            | LB135892      |
|                | Chromium  | 554            | 542                | 102.2         | 460 - 624%           | 05/22/2025       | 15:39            | LB135892      |
|                | Cobalt    | 489            | 476                | 102.7         | 404 - 548%           | 05/22/2025       | 15:39            | LB135892      |
|                | Copper    | 489            | 511                | 95.7          | 434 - 588%           | 05/22/2025       | 15:39            | LB135892      |
|                | Iron      | 101000         | 99300              | 101.7         | 84400 - 114500%      | 05/22/2025       | 15:39            | LB135892      |
|                | Lead      | 51.7           | 49                 | 105.5         | 37 - 61%             | 05/22/2025       | 15:39            | LB135892      |
|                | Magnesium | 247000         | 248000             | 99.6          | 210000 - 286000%     | 05/22/2025       | 15:39            | LB135892      |
|                | Manganese | 498            | 507                | 98.2          | 430 - 584%           | 05/22/2025       | 15:39            | LB135892      |
|                | Nickel    | 969            | 954                | 101.6         | 810 - 1100%          | 05/22/2025       | 15:39            | LB135892      |
|                | Potassium | 14.2           |                    |               |                      | 05/22/2025       | 15:39            | LB135892      |
|                | Selenium  | 56             | 46                 | 121.7         | 26 - 66%             | 05/22/2025       | 15:39            | LB135892      |
|                | Silver    | 222            | 201                | 110.4         | 170 - 232%           | 05/22/2025       | 15:39            | LB135892      |
|                | Sodium    | -3.31          |                    |               |                      | 05/22/2025       | 15:39            | LB135892      |
|                | Thallium  | 112            | 108                | 103.7         | 68 - 148%            | 05/22/2025       | 15:39            | LB135892      |
|                | Vanadium  | 483            | 491                | 98.4          | 417 - 565%           | 05/22/2025       | 15:39            | LB135892      |

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

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892  
**ICS Source:**                      **Instrument ID:** P4

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|----------------------|------------------|------------------|---------------|
| ICSAB01   | Zinc      | 1030           | 952                | 108.2         | 809 - 1095%          | 05/22/2025       | 15:39            | LB135892      |
| ICSABDL   | Aluminum  | 239000         | 247000             | 96.8          | 209000 - 285000%     | 05/22/2025       | 15:47            | LB135892      |
|           | Antimony  | 519            | 618                | 84            | 525 - 711%           | 05/22/2025       | 15:47            | LB135892      |
|           | Arsenic   | 32.2           | 104                | 31            | 88.4 - 120%          | 05/22/2025       | 15:47            | LB135892      |
|           | Barium    | 494            | 537                | 92            | 437 - 637%           | 05/22/2025       | 15:47            | LB135892      |
|           | Beryllium | 462            | 495                | 93.3          | 420 - 570%           | 05/22/2025       | 15:47            | LB135892      |
|           | Cadmium   | 960            | 972                | 98.8          | 826 - 1120%          | 05/22/2025       | 15:47            | LB135892      |
|           | Calcium   | 238000         | 235000             | 101.3         | 199000 - 271000%     | 05/22/2025       | 15:47            | LB135892      |
|           | Chromium  | 550            | 542                | 101.5         | 460 - 624%           | 05/22/2025       | 15:47            | LB135892      |
|           | Cobalt    | 482            | 476                | 101.3         | 404 - 548%           | 05/22/2025       | 15:47            | LB135892      |
|           | Copper    | 518            | 511                | 101.4         | 434 - 588%           | 05/22/2025       | 15:47            | LB135892      |
|           | Iron      | 106000         | 99300              | 106.7         | 84400 - 114500%      | 05/22/2025       | 15:47            | LB135892      |
|           | Lead      | 34.7           | 49                 | 70.8          | 37 - 61%             | 05/22/2025       | 15:47            | LB135892      |
|           | Magnesium | 240000         | 248000             | 96.8          | 210000 - 286000%     | 05/22/2025       | 15:47            | LB135892      |
|           | Manganese | 501            | 507                | 98.8          | 430 - 584%           | 05/22/2025       | 15:47            | LB135892      |
|           | Nickel    | 972            | 954                | 101.9         | 810 - 1100%          | 05/22/2025       | 15:47            | LB135892      |
|           | Potassium | -949           |                    |               |                      | 05/22/2025       | 15:47            | LB135892      |
|           | Selenium  | -20.1          | 46                 | 43.7          | 26 - 66%             | 05/22/2025       | 15:47            | LB135892      |
|           | Silver    | 202            | 201                | 100.5         | 170 - 232%           | 05/22/2025       | 15:47            | LB135892      |
|           | Sodium    | -912           |                    |               |                      | 05/22/2025       | 15:47            | LB135892      |
|           | Thallium  | 70.6           | 108                | 65.4          | 68 - 148%            | 05/22/2025       | 15:47            | LB135892      |
|           | Vanadium  | 474            | 491                | 96.5          | 417 - 565%           | 05/22/2025       | 15:47            | LB135892      |
|           | Zinc      | 1150           | 952                | 120.8         | 809 - 1095%          | 05/22/2025       | 15:47            | LB135892      |
| ICSADL    | Aluminum  | 245000         | 255000             | 96.1          | 216000 - 294000%     | 05/22/2025       | 15:43            | LB135892      |
|           | Antimony  | -5.96          |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Arsenic   | -71.8          |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Barium    | -11            | 6                  | 183.3         | -94 - 106%           | 05/22/2025       | 15:43            | LB135892      |
|           | Beryllium | 1.81           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Cadmium   | -0.08          | 1                  | 8             | -5 - 7%              | 05/22/2025       | 15:43            | LB135892      |
|           | Calcium   | 242000         | 245000             | 98.8          | 208000 - 282000%     | 05/22/2025       | 15:43            | LB135892      |
|           | Chromium  | 40.8           | 52                 | 78.5          | 42 - 62%             | 05/22/2025       | 15:43            | LB135892      |
|           | Cobalt    | 3.86           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Copper    | 3.35           | 2                  | 167.5         | -18 - 22%            | 05/22/2025       | 15:43            | LB135892      |
|           | Iron      | 104000         | 101000             | 103           | 85600 - 116500%      | 05/22/2025       | 15:43            | LB135892      |
|           | Lead      | -20.5          |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Magnesium | 245000         | 255000             | 96.1          | 216000 - 294000%     | 05/22/2025       | 15:43            | LB135892      |
|           | Manganese | 10.73          | 7                  | 153.3         | -13 - 27%            | 05/22/2025       | 15:43            | LB135892      |
|           | Nickel    | 5.01           | 2                  | 250.5         | -38 - 42%            | 05/22/2025       | 15:43            | LB135892      |
|           | Potassium | -946           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Selenium  | -107           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Silver    | -5.1           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Sodium    | -1050          |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Thallium  | -7.2           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |

**Metals**

- 4 -

**INTERFERENCE CHECK SAMPLE**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892  
**ICS Source:**                      **Instrument ID:** P4

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|----------------------|------------------|------------------|---------------|
| ICSADL    | Vanadium | 8.47           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |
|           | Zinc     | 2.92           |                    |               |                      | 05/22/2025       | 15:43            | LB135892      |



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

# Metals

- 2b -

## CRDL STANDARD FOR AA & ICP

Client: LB135892 SDG No.: LB135892  
Contract: \_\_\_\_\_ Lab Code: CHEM Case No.: LB135892 SAS No.: LB135892  
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     | Silver    | 10.0705        | 10.0               | 100.7         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Aluminum  | 113.197        | 100                | 113.2         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Arsenic   | 19.6749        | 20.0               | 98.4          | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Barium    | 108.711        | 100                | 108.7         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Beryllium | 6.2476         | 6.0                | 104.1         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Calcium   | 2172.53        | 2000               | 108.6         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Cadmium   | 6.1989         | 6.0                | 103.3         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Cobalt    | 31.2748        | 30.0               | 104.2         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Chromium  | 10.5332        | 10.0               | 105.3         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Copper    | 23.5082        | 20.0               | 117.5         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Iron      | 113.986        | 100                | 114           | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Potassium | 2081.61        | 2000               | 104.1         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Magnesium | 2275.23        | 2000               | 113.8         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Manganese | 22.0627        | 20.0               | 110.3         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Sodium    | 2088.23        | 2000               | 104.4         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Nickel    | 41.3965        | 40.0               | 103.5         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Lead      | 12.1189        | 12.0               | 101           | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Antimony  | 53.4392        | 50.0               | 106.9         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Selenium  | 15.3833        | 20.0               | 76.9          | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Thallium  | 41.1208        | 40.0               | 102.8         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Vanadium  | 43.9156        | 40.0               | 109.8         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |
|           | Zinc      | 46.0307        | 40.0               | 115.1         | 65 - 135                  | P | 05/22/2025       | 15:30            | LB135892      |



## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A4-04-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2078-03   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 1430      |      | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 2.87      | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -40.2     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 599       |      | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.57     | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.444     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 930000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 0.921     | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -1.16     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 22.7      | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 590       |      | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 2.29      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 125       | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 146       |      | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 24.5      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 53100     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -26.1     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -4.16     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.78e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -23.4     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 9.49      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 21.8      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A4-05-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2078-07   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 1400      |      | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -8.78     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -35       | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 470       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.54     | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.18      | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 849000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 14.8      | J    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 0.171     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 13.8      | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 232       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 2.92      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 197       | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 23.5      | U    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 26.2      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 39700     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -26       | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -0.845    | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.91e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -29.7     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 11.9      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 15.6      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |             |                 |                       |
|-------------------|-------------|-----------------|-----------------------|
| Client:           |             | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892    | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A1-06A-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2078-11    | Matrix:         | Water                 |
| Level (low/med):  | low         | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 1430      |      | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -2.92     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -30.3     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 482       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.505    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.17      | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 1.03e+006 |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 6.83      | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 0.465     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 28.4      | J    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 345       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 3.23      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 183       | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 68.4      | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 24.2      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 46000     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -6.69     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -3.12     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 2.05e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -27.1     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 8.57      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 19.8      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |             |                 |                       |
|-------------------|-------------|-----------------|-----------------------|
| Client:           |             | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892    | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A1-07A-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2078-15    | Matrix:         | Water                 |
| Level (low/med):  | low         | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 64.5      | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 3.95      | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -37       | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 255       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.56     | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.267     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 909000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 15.8      | J    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -0.775    | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 35.9      | J    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 237       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 3.49      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 1080      | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 16.9      | U    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 22.3      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 26600     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -18.2     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -2.09     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.77e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -36.7     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 50.8      | J    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 15.3      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/14/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A4-06-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2078-19   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 183       | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -2.67     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -48.5     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 271       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.265    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.059     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 986000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 9         | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 0.229     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 12.1      | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 187       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 4.2       | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 1470      | J    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 80.5      | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 14.8      | U    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 28100     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -10.04    | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -3.39     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.97e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -16.9     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 56.1      | J    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 16.9      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A2-01-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2079-03   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.    | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 1200     |      | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -2.62    | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -28.5    | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 415      | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.44    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.25     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 907000   |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 7.1      | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -0.21    | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 24.8     | J    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 238      | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 7.02     | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 246      | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 88.5     | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 22.2     | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 38400    |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -20.6    | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -3.61    | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.7e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -29      | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 7.98     | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 18.1     | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A2-02-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2079-07   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 305       | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -6.42     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -31.2     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 279       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.605    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.141     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 812000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 5.8       | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 0.406     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 13.5      | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 212       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 3.34      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 851       | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 33.5      | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 15.7      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 22700     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -19       | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -3.06     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.65e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -13.5     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 38.7      | J    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 20.8      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 5/13/2025 12:00:00 AM |
| Project:          | LB135892   | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | WC-A2-03-C | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2079-11   | Matrix:         | Water                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 638       |      | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -1.39     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -48.2     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 328       | J    | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.55     | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.479     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 860000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 6.4       | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -0.505    | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 14        | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 354       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 4.3       | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 586       | U    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 97.7      | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 17.3      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 28300     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -27.9     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -1.98     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.76e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -31.6     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 26.5      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 24.5      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |



## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 5/19/2025 12:00:00 AM |
| Project:          | LB135892       | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | PL-HRH-COMP-01 | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2080-01       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 86.5                  |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOD   | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|--------|------|----|-------|-------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 9940   |      | 1  | 0.84  | 4.02  | 5.03       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -0.088 | U    | 1  | 0.22  | 0.628 | 2.51       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | 5.09   |      | 1  | 0.19  | 0.804 | 1.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 86.8   |      | 1  | 0.73  | 1.26  | 5.03       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | 0.776  |      | 1  | 0.025 | 0.075 | 0.302      | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.097  | J    | 1  | 0.024 | 0.075 | 0.302      | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 906    |      | 1  | 11    | 25.1  | 101        | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 18.4   |      | 1  | 0.047 | 0.126 | 0.503      | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 10.05  |      | 1  | 0.10  | 0.377 | 1.51       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 9.77   |      | 1  | 0.22  | 0.804 | 1.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 22500  |      | 1  | 4.0   | 4.02  | 5.03       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 23.7   |      | 1  | 0.13  | 0.483 | 0.603      | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 3360   |      | 1  | 12    | 25.1  | 101        | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 615    |      | 1  | 0.14  | 0.251 | 1.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 18.9   |      | 1  | 0.13  | 0.503 | 2.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 858    |      | 1  | 28    | 80.4  | 101        | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | 2.06   |      | 1  | 0.26  | 0.804 | 1.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | 0.136  | J    | 1  | 0.12  | 0.251 | 0.503      | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 98.7   | J    | 1  | 18    | 80.4  | 101        | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | 1.68   | J    | 1  | 0.23  | 1.01  | 2.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 24.9   |      | 1  | 0.25  | 1.01  | 2.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 53     |      | 1  | 0.23  | 0.503 | 2.01       | mg/Kg | 05/20/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 5/19/2025 12:00:00 AM |
| Project:          | LB135892       | Date Received:  | 5/19/2025 12:00:00 AM |
| Client Sample ID: | OR-640-COMP-66 | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2084-05       | Matrix:         | Water                 |
| Level (low/med):  | low            | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 206       | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 1.41      | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -36.8     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 775       |      | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.025    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.366     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 25300     |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 3.86      | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -1.12     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 26.1      | J    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 151       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | -1.35     | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 5480      | J    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 154       |      | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 7.29      | U    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 4320      | U    | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | 5.13      | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -1.92     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.57e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -25.9     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | -2.12     | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 131       | J    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892       | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | NB-07-05202025 | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2087-01       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 91.8                  |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOD   | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-------|------|----|-------|-------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 7660  |      | 1  | 0.83  | 3.96  | 4.95       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 0.154 | U    | 1  | 0.22  | 0.619 | 2.48       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | 3.08  |      | 1  | 0.19  | 0.792 | 0.99       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 34.4  |      | 1  | 0.72  | 1.24  | 4.95       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | 0.311 |      | 1  | 0.025 | 0.074 | 0.297      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.112 | J    | 1  | 0.024 | 0.074 | 0.297      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 23100 |      | 1  | 11    | 24.8  | 99         | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 13.2  |      | 1  | 0.047 | 0.124 | 0.495      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 3.94  |      | 1  | 0.099 | 0.371 | 1.49       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 28.3  |      | 1  | 0.22  | 0.792 | 0.99       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 11000 |      | 1  | 4.0   | 3.96  | 4.95       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 19.4  |      | 1  | 0.13  | 0.475 | 0.594      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 2990  |      | 1  | 12    | 24.8  | 99         | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 135   |      | 1  | 0.14  | 0.248 | 0.99       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 9.99  |      | 1  | 0.13  | 0.495 | 1.98       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 682   |      | 1  | 27    | 79.2  | 99         | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | 0.844 | J    | 1  | 0.26  | 0.792 | 0.99       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | 0.039 | U    | 1  | 0.12  | 0.248 | 0.495      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 313   |      | 1  | 18    | 79.2  | 99         | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | 0.757 | J    | 1  | 0.23  | 0.99  | 1.98       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 29.3  |      | 1  | 0.25  | 0.99  | 1.98       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 57.7  |      | 1  | 0.23  | 0.495 | 1.98       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892       | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | NB-08-05202025 | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2087-03       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 95                    |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOD   | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|--------|------|----|-------|-------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 621    |      | 1  | 0.80  | 3.83  | 4.78       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 0.049  | U    | 1  | 0.21  | 0.598 | 2.39       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | 0.505  | J    | 1  | 0.18  | 0.766 | 0.957      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 3.74   | J    | 1  | 0.70  | 1.2   | 4.78       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | 0.083  | J    | 1  | 0.024 | 0.072 | 0.287      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.072  | J    | 1  | 0.023 | 0.072 | 0.287      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 13700  |      | 1  | 11    | 23.9  | 95.7       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 3.42   |      | 1  | 0.045 | 0.12  | 0.478      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 0.992  | J    | 1  | 0.096 | 0.359 | 1.44       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 1.78   |      | 1  | 0.21  | 0.766 | 0.957      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 2840   |      | 1  | 3.8   | 3.83  | 4.78       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 1.62   |      | 1  | 0.12  | 0.459 | 0.574      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 8060   |      | 1  | 12    | 23.9  | 95.7       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 33.1   |      | 1  | 0.13  | 0.239 | 0.957      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 1.89   | J    | 1  | 0.12  | 0.478 | 1.91       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 119    |      | 1  | 27    | 76.6  | 95.7       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -0.159 | U    | 1  | 0.25  | 0.766 | 0.957      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -0.002 | U    | 1  | 0.12  | 0.239 | 0.478      | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 25.1   | J    | 1  | 17    | 76.6  | 95.7       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | 0.126  | U    | 1  | 0.22  | 0.957 | 1.91       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 3.57   |      | 1  | 0.24  | 0.957 | 1.91       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 5      |      | 1  | 0.22  | 0.478 | 1.91       | mg/Kg | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892 | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | VNJ-202  | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2092-02 | Matrix:         | Water                 |
| Level (low/med):  | low      | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 403       | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | -9.59     | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -27.7     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 1100      |      | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | 1.84      | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 3.95      | J    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 34500     |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 106       |      | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 31        | J    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 113       |      | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 870       |      | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 13.5      | J    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 8740      | J    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 8590      |      | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 76.8      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 9430      | J    | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | 7.95      | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -0.855    | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.55e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -31.1     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 0.793     | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 677       |      | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |           |                 |                       |
|-------------------|-----------|-----------------|-----------------------|
| Client:           |           | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892  | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | SOIL-DRUM | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2093-02  | Matrix:         | Water                 |
| Level (low/med):  | low       | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | 415       | J    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 5.26      | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -33.4     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 521       |      | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.325    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 6.65      | J    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 170000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 18.2      | J    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | 1.51      | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 708       |      | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 359       | J    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 49.4      | J    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 26300     |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 2830      |      | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 20.6      | J    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 12300     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | 0.421     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | 1.33      | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.54e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -17.8     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 7.23      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 2690      |      | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892 | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | COMP-1   | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2094-06 | Matrix:         | Water                 |
| Level (low/med):  | low      | % Solid:        | 0                     |

| Cas       | Parameter | Conc.     | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----------|-----------|-----------|------|----|------|------|------------|-------|------------|------------|----------|
| 7429-90-5 | Aluminum  | -176      | U    | 1  | 57   | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-36-0 | Antimony  | 11.4      | U    | 1  | 34   | 62.5 | 250        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-38-2 | Arsenic   | -33.4     | U    | 1  | 26   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-39-3 | Barium    | 705       |      | 1  | 73   | 125  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-41-7 | Beryllium | -0.515    | U    | 1  | 2.8  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-43-9 | Cadmium   | 0.483     | U    | 1  | 2.5  | 7.5  | 30         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-70-2 | Calcium   | 739000    |      | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-47-3 | Chromium  | 3.07      | U    | 1  | 11   | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-48-4 | Cobalt    | -1.86     | U    | 1  | 11   | 37.5 | 150        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-50-8 | Copper    | 7.28      | U    | 1  | 23   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-89-6 | Iron      | 111       | U    | 1  | 120  | 400  | 500        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-92-1 | Lead      | 8.45      | U    | 1  | 12   | 48   | 60         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-95-4 | Magnesium | 7310      | J    | 1  | 1200 | 2500 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7439-96-5 | Manganese | 35.5      | J    | 1  | 30   | 75   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-02-0 | Nickel    | 2.54      | U    | 1  | 15   | 50   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-09-7 | Potassium | 22700     |      | 1  | 4600 | 8000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7782-49-2 | Selenium  | -45.4     | U    | 1  | 48   | 80   | 100        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-22-4 | Silver    | -2.98     | U    | 1  | 8.1  | 25   | 50         | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-23-5 | Sodium    | 1.51e+006 |      | 1  | 4300 | 5000 | 10000      | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-28-0 | Thallium  | -27.3     | U    | 1  | 22   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-62-2 | Vanadium  | 14.3      | U    | 1  | 31   | 100  | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |
| 7440-66-6 | Zinc      | 20.5      | U    | 1  | 83   | 75   | 200        | ug/L  | 05/21/2025 | 05/22/2025 | 6010D    |

## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 5/20/2025 12:00:00 AM |
| Project:          | LB135892 | Date Received:  | 5/20/2025 12:00:00 AM |
| Client Sample ID: | COMP-1   | SDG No.:        | LB135892              |
| Lab Sample ID:    | Q2094-06 | Matrix:         | Water                 |
| Level (low/med):  | low      | % Solid:        | 0                     |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|-----|-----------|-------|------|----|-----|-----|------------|-------|-----------|-----------|----------|
|-----|-----------|-------|------|----|-----|-----|------------|-------|-----------|-----------|----------|

|               |           |                 |       |            |
|---------------|-----------|-----------------|-------|------------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless | Clarity After:  | Clear | Artifacts: |
| Comments:     |           |                 |       |            |

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



**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168106BS |       |            |        |   |               |                      |   |
| Aluminum   | mg/Kg | 100        | 94     |   | 94            | 80 - 120             | P |
| Antimony   | mg/Kg | 40         | 38.2   |   | 95.5          | 80 - 120             | P |
| Arsenic    | mg/Kg | 40         | 38     |   | 95            | 80 - 120             | P |
| Barium     | mg/Kg | 10         | 9.63   |   | 96.3          | 80 - 120             | P |
| Beryllium  | mg/Kg | 10         | 9.09   |   | 90.9          | 80 - 120             | P |
| Cadmium    | mg/Kg | 10         | 9.53   |   | 95.3          | 80 - 120             | P |
| Calcium    | mg/Kg | 50         | 47.5   | J | 95            | 80 - 120             | P |
| Chromium   | mg/Kg | 20         | 19.4   |   | 97            | 80 - 120             | P |
| Cobalt     | mg/Kg | 10         | 9.5    |   | 95            | 80 - 120             | P |
| Copper     | mg/Kg | 15         | 15     |   | 100           | 80 - 120             | P |
| Iron       | mg/Kg | 150        | 156    |   | 104           | 80 - 120             | P |
| Lead       | mg/Kg | 50         | 46.5   |   | 93            | 80 - 120             | P |
| Magnesium  | mg/Kg | 100        | 93     | J | 93            | 80 - 120             | P |
| Manganese  | mg/Kg | 10         | 9.66   |   | 96.6          | 80 - 120             | P |
| Nickel     | mg/Kg | 25         | 24     |   | 96            | 80 - 120             | P |
| Potassium  | mg/Kg | 500        | 490    |   | 98            | 80 - 120             | P |
| Selenium   | mg/Kg | 100        | 96.2   |   | 96.2          | 80 - 120             | P |
| Silver     | mg/Kg | 3.8        | 3.57   |   | 93.9          | 80 - 120             | P |
| Sodium     | mg/Kg | 150        | 161    |   | 107.3         | 80 - 120             | P |
| Thallium   | mg/Kg | 100        | 95.5   |   | 95.5          | 80 - 120             | P |
| Vanadium   | mg/Kg | 15         | 14.4   |   | 96            | 80 - 120             | P |
| Zinc       | mg/Kg | 10         | 10.09  |   | 100.9         | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168113BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 10000      | 9390   |   | 93.9          | 80 - 120             | P |
| Antimony   | ug/L  | 4000       | 3800   |   | 95            | 80 - 120             | P |
| Arsenic    | ug/L  | 4000       | 3770   |   | 94.3          | 80 - 120             | P |
| Barium     | ug/L  | 1000       | 974    |   | 97.4          | 80 - 120             | P |
| Beryllium  | ug/L  | 1000       | 949    |   | 94.9          | 80 - 120             | P |
| Cadmium    | ug/L  | 1000       | 955    |   | 95.5          | 80 - 120             | P |
| Calcium    | ug/L  | 5000       | 4890   | J | 97.8          | 80 - 120             | P |
| Chromium   | ug/L  | 2000       | 1990   |   | 99.5          | 80 - 120             | P |
| Cobalt     | ug/L  | 1000       | 952    |   | 95.2          | 80 - 120             | P |
| Copper     | ug/L  | 1500       | 1490   |   | 99.3          | 80 - 120             | P |
| Iron       | ug/L  | 15000      | 15400  |   | 102.7         | 80 - 120             | P |
| Lead       | ug/L  | 5000       | 4670   |   | 93.4          | 80 - 120             | P |
| Magnesium  | ug/L  | 10000      | 9520   | J | 95.2          | 80 - 120             | P |
| Manganese  | ug/L  | 1000       | 978    |   | 97.8          | 80 - 120             | P |
| Nickel     | ug/L  | 2500       | 2400   |   | 96            | 80 - 120             | P |
| Potassium  | ug/L  | 50000      | 47700  |   | 95.4          | 80 - 120             | P |
| Selenium   | ug/L  | 10000      | 9550   |   | 95.5          | 80 - 120             | P |
| Silver     | ug/L  | 380        | 358    |   | 94.2          | 80 - 120             | P |
| Sodium     | ug/L  | 15000      | 16200  |   | 108           | 80 - 120             | P |
| Thallium   | ug/L  | 10000      | 9590   |   | 95.9          | 80 - 120             | P |
| Vanadium   | ug/L  | 1500       | 1460   |   | 97.3          | 80 - 120             | P |
| Zinc       | ug/L  | 1000       | 1000   |   | 100           | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168117BS |       |            |        |   |               |                      |   |
| Aluminum   | mg/Kg | 100        | 93.5   |   | 93.5          | 80 - 120             | P |
| Antimony   | mg/Kg | 40         | 38.1   |   | 95.3          | 80 - 120             | P |
| Arsenic    | mg/Kg | 40         | 38.1   |   | 95.3          | 80 - 120             | P |
| Barium     | mg/Kg | 10         | 9.58   |   | 95.8          | 80 - 120             | P |
| Beryllium  | mg/Kg | 10         | 9.02   |   | 90.2          | 80 - 120             | P |
| Cadmium    | mg/Kg | 10         | 9.34   |   | 93.4          | 80 - 120             | P |
| Calcium    | mg/Kg | 50         | 47.6   | J | 95.2          | 80 - 120             | P |
| Chromium   | mg/Kg | 20         | 19.1   |   | 95.5          | 80 - 120             | P |
| Cobalt     | mg/Kg | 10         | 9.4    |   | 94            | 80 - 120             | P |
| Copper     | mg/Kg | 15         | 15.1   |   | 100.7         | 80 - 120             | P |
| Iron       | mg/Kg | 150        | 151    |   | 100.7         | 80 - 120             | P |
| Lead       | mg/Kg | 50         | 45.5   |   | 91            | 80 - 120             | P |
| Magnesium  | mg/Kg | 100        | 91.4   | J | 91.4          | 80 - 120             | P |
| Manganese  | mg/Kg | 10         | 9.54   |   | 95.4          | 80 - 120             | P |
| Nickel     | mg/Kg | 25         | 23.7   |   | 94.8          | 80 - 120             | P |
| Potassium  | mg/Kg | 500        | 479    |   | 95.8          | 80 - 120             | P |
| Selenium   | mg/Kg | 100        | 96.5   |   | 96.5          | 80 - 120             | P |
| Silver     | mg/Kg | 3.8        | 3.53   |   | 92.9          | 80 - 120             | P |
| Sodium     | mg/Kg | 150        | 163    |   | 108.7         | 80 - 120             | P |
| Thallium   | mg/Kg | 100        | 95     |   | 95            | 80 - 120             | P |
| Vanadium   | mg/Kg | 15         | 14.2   |   | 94.7          | 80 - 120             | P |
| Zinc       | mg/Kg | 10         | 9.92   |   | 99.2          | 80 - 120             | P |

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

**client:** LB135892 **level:** low **sdg no.:** LB135892  
**contract:**                      **lab code:** CHEM **case no.:** LB135892 **sas no.:** LB135892  
**matrix:** Solid **sample id:** Q2080-01 **client id:** PL-HRH-COMP-01MS  
**Percent Solids for Sample:** 86.5 **Spiked ID:** Q2080-01MS **Percent Solids for Spike Sample:** 86.5

| 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               | 11400            |   | 9940             |   | 110            | 1374          |      | P |
| Antimony  | mg/Kg | 75 - 125               | 15.4             |   | 2.51             | U | 42.8           | 36            | N    | P |
| Arsenic   | mg/Kg | 75 - 125               | 40.6             |   | 5.09             |   | 42.8           | 83            |      | P |
| Barium    | mg/Kg | 75 - 125               | 94.4             |   | 86.8             |   | 10.7           | 71            |      | P |
| Beryllium | mg/Kg | 75 - 125               | 9.99             |   | 0.776            |   | 10.7           | 86            |      | P |
| Cadmium   | mg/Kg | 75 - 125               | 10.21            |   | 0.097            | J | 10.7           | 95            |      | P |
| Calcium   | mg/Kg | 75 - 125               | 987              |   | 906              |   | 53.5           | 151           |      | P |
| Chromium  | mg/Kg | 75 - 125               | 37.1             |   | 18.4             |   | 21.4           | 87            |      | P |
| Cobalt    | mg/Kg | 75 - 125               | 20.9             |   | 10.05            |   | 10.7           | 102           |      | P |
| Copper    | mg/Kg | 75 - 125               | 23.8             |   | 9.77             |   | 16.1           | 87            |      | P |
| Iron      | mg/Kg | 75 - 125               | 21000            |   | 22500            |   | 160            | -974          |      | P |
| Lead      | mg/Kg | 75 - 125               | 74.3             |   | 23.7             |   | 53.5           | 95            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 4060             |   | 3360             |   | 110            | 639           |      | P |
| Manganese | mg/Kg | 75 - 125               | 620              |   | 615              |   | 10.7           | 51            |      | P |
| Nickel    | mg/Kg | 75 - 125               | 46.3             |   | 18.9             |   | 26.8           | 102           |      | P |
| Potassium | mg/Kg | 75 - 125               | 1450             |   | 858              |   | 540            | 109           |      | P |
| Selenium  | mg/Kg | 75 - 125               | 84.7             |   | 2.06             |   | 110            | 75            |      | P |
| Silver    | mg/Kg | 75 - 125               | 3.49             |   | 0.136            | J | 4              | 84            |      | P |
| Sodium    | mg/Kg | 75 - 125               | 253              |   | 98.7             | J | 160            | 97            |      | P |
| Thallium  | mg/Kg | 75 - 125               | 97.3             |   | 1.68             | J | 110            | 87            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 38.3             |   | 24.9             |   | 16.1           | 83            |      | P |
| Zinc      | mg/Kg | 75 - 125               | 68.6             |   | 53               |   | 10.7           | 146           |      | P |

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

**client:** LB135892 **level:** low **sdg no.:** LB135892  
**contract:**                      **lab code:** CHEM **case no.:** LB135892 **sas no.:** LB135892  
**matrix:** Solid **sample id:** Q2080-01 **client id:** PL-HRH-COMP-01MSD  
**Percent Solids for Sample:** 86.5 **Spiked ID:** Q2080-01MSD **Percent Solids for Spike Sample:** 86.5

| 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               | 11300         |   | 9940             |   | 98.4           | 1413          |      | P |
| Antimony  | mg/Kg | 75 - 125               | 14.5          |   | 2.51             | U | 39.4           | 36.8          | N    | P |
| Arsenic   | mg/Kg | 75 - 125               | 37.1          |   | 5.09             |   | 39.4           | 81            |      | P |
| Barium    | mg/Kg | 75 - 125               | 96.8          |   | 86.8             |   | 9.8            | 102           |      | P |
| Beryllium | mg/Kg | 75 - 125               | 8.28          |   | 0.776            |   | 9.8            | 77            |      | P |
| Cadmium   | mg/Kg | 75 - 125               | 9.13          |   | 0.097            | J | 9.8            | 92            |      | P |
| Calcium   | mg/Kg | 75 - 125               | 957           |   | 906              |   | 49.2           | 104           |      | P |
| Chromium  | mg/Kg | 75 - 125               | 35.6          |   | 18.4             |   | 19.7           | 87            |      | P |
| Cobalt    | mg/Kg | 75 - 125               | 20.8          |   | 10.05            |   | 9.8            | 109           |      | P |
| Copper    | mg/Kg | 75 - 125               | 22.2          |   | 9.77             |   | 14.8           | 84            |      | P |
| Iron      | mg/Kg | 75 - 125               | 23300         |   | 22500            |   | 150            | 538           |      | P |
| Lead      | mg/Kg | 75 - 125               | 69.7          |   | 23.7             |   | 49.2           | 94            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 4070          |   | 3360             |   | 98.4           | 727           |      | P |
| Manganese | mg/Kg | 75 - 125               | 564           |   | 615              |   | 9.8            | -519          |      | P |
| Nickel    | mg/Kg | 75 - 125               | 45.6          |   | 18.9             |   | 24.6           | 109           |      | P |
| Potassium | mg/Kg | 75 - 125               | 1560          |   | 858              |   | 490            | 144           | N    | P |
| Selenium  | mg/Kg | 75 - 125               | 77.6          |   | 2.06             |   | 98.4           | 77            |      | P |
| Silver    | mg/Kg | 75 - 125               | 3.56          |   | 0.136            | J | 3.7            | 92            |      | P |
| Sodium    | mg/Kg | 75 - 125               | 261           |   | 98.7             | J | 150            | 108           |      | P |
| Thallium  | mg/Kg | 75 - 125               | 91.3          |   | 1.68             | J | 98.4           | 91            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 36.5          |   | 24.9             |   | 14.8           | 78            |      | P |
| Zinc      | mg/Kg | 75 - 125               | 69.2          |   | 53               |   | 9.8            | 165           |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** LB135892 **Level:** LOW **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892  
**Matrix:** Solid **Sample ID:** Q2080-01 **Client ID:** PL-HRH-COMP-01DUP  
**Percent Solids for Sample:** 86.5 **Duplicate ID** Q2080-01DUP **Percent Solids for Spike Sample:** 86.5

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-------|------|---|
| Aluminum  | mg/Kg | 20               | 9940          |   | 9540             |   | 4     |      | P |
| Antimony  | mg/Kg | 20               | 2.51          | U | -0.194           | U |       |      | P |
| Arsenic   | mg/Kg | 20               | 5.09          |   | 2.98             |   | 52    | *    | P |
| Barium    | mg/Kg | 20               | 86.8          |   | 84.4             |   | 3     |      | P |
| Beryllium | mg/Kg | 20               | 0.776         |   | 0.634            |   | 20    |      | P |
| Cadmium   | mg/Kg | 20               | 0.097         | J | -0.021           | U | 200.0 |      | P |
| Calcium   | mg/Kg | 20               | 906           |   | 875              |   | 3     |      | P |
| Chromium  | mg/Kg | 20               | 18.4          |   | 12.9             |   | 35    | *    | P |
| Cobalt    | mg/Kg | 20               | 10.05         |   | 9.33             |   | 7     |      | P |
| Copper    | mg/Kg | 20               | 9.77          |   | 8.49             |   | 14    |      | P |
| Iron      | mg/Kg | 20               | 22500         |   | 13800            |   | 48    | *    | P |
| Lead      | mg/Kg | 20               | 23.7          |   | 21.4             |   | 10    |      | P |
| Magnesium | mg/Kg | 20               | 3360          |   | 3430             |   | 2     |      | P |
| Manganese | mg/Kg | 20               | 615           |   | 579              |   | 6     |      | P |
| Nickel    | mg/Kg | 20               | 18.9          |   | 17.7             |   | 7     |      | P |
| Potassium | mg/Kg | 20               | 858           |   | 876              |   | 2     |      | P |
| Selenium  | mg/Kg | 20               | 2.06          |   | 1.08             | J | 62    |      | P |
| Silver    | mg/Kg | 20               | 0.136         | J | 0.157            | J | 14    |      | P |
| Sodium    | mg/Kg | 20               | 98.7          | J | 93.9             | J | 5     |      | P |
| Thallium  | mg/Kg | 20               | 1.68          | J | 0.77             | J | 74    |      | P |
| Vanadium  | mg/Kg | 20               | 24.9          |   | 16.5             |   | 41    | *    | P |
| Zinc      | mg/Kg | 20               | 53            |   | 53               |   | 0     |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** LB135892 **Level:** LOW **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Case No.:** LB135892 **SAS No.:** LB135892  
**Matrix:** Solid **Sample ID:** Q2080-01MS **Client ID:** PL-HRH-COMP-01MSD  
**Percent Solids for Sample:** 86.5 **Duplicate ID** Q2080-01MSD **Percent Solids for Spike Sample:** 86.5

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 11400         |   | 11300            |   | 1   |      | P |
| Antimony  | mg/Kg | 20               | 15.4          |   | 14.5             |   | 6   |      | P |
| Arsenic   | mg/Kg | 20               | 40.6          |   | 37.1             |   | 9   |      | P |
| Barium    | mg/Kg | 20               | 94.4          |   | 96.8             |   | 3   |      | P |
| Beryllium | mg/Kg | 20               | 9.99          |   | 8.28             |   | 19  |      | P |
| Cadmium   | mg/Kg | 20               | 10.21         |   | 9.13             |   | 11  |      | P |
| Calcium   | mg/Kg | 20               | 987           |   | 957              |   | 3   |      | P |
| Chromium  | mg/Kg | 20               | 37.1          |   | 35.6             |   | 4   |      | P |
| Cobalt    | mg/Kg | 20               | 20.9          |   | 20.8             |   | 0   |      | P |
| Copper    | mg/Kg | 20               | 23.8          |   | 22.2             |   | 7   |      | P |
| Iron      | mg/Kg | 20               | 21000         |   | 23300            |   | 10  |      | P |
| Lead      | mg/Kg | 20               | 74.3          |   | 69.7             |   | 6   |      | P |
| Magnesium | mg/Kg | 20               | 4060          |   | 4070             |   | 0   |      | P |
| Manganese | mg/Kg | 20               | 620           |   | 564              |   | 9   |      | P |
| Nickel    | mg/Kg | 20               | 46.3          |   | 45.6             |   | 2   |      | P |
| Potassium | mg/Kg | 20               | 1450          |   | 1560             |   | 7   |      | P |
| Selenium  | mg/Kg | 20               | 84.7          |   | 77.6             |   | 9   |      | P |
| Silver    | mg/Kg | 20               | 3.49          |   | 3.56             |   | 2   |      | P |
| Sodium    | mg/Kg | 20               | 253           |   | 261              |   | 3   |      | P |
| Thallium  | mg/Kg | 20               | 97.3          |   | 91.3             |   | 6   |      | P |
| Vanadium  | mg/Kg | 20               | 38.3          |   | 36.5             |   | 5   |      | P |
| Zinc      | mg/Kg | 20               | 68.6          |   | 69.2             |   | 1   |      | P |

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

SAMPLE NO.

PL-HRH-COMP-01L

Lab Name: Chemtech Consulting Group

Contract: \_\_\_\_\_

Lab Code: CHEM      Lb No.: \_\_\_\_\_      Lab Sample ID : Q2080-01L      SDG No.: LB135892

Matrix (soil/water): Solid      Level (low/med): LOW

Concentration Units: mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|---------------|---|---|
|           | C                         |   | C                          |   |               |   |   |
| Aluminum  | 9940                      |   | 10700                      |   | -8            |   | P |
| Antimony  | 2.51                      | U | 0.029                      | U |               |   | P |
| Arsenic   | 5.09                      |   | 4.51                       | J | 11            |   | P |
| Barium    | 86.8                      |   | 92.6                       |   | -7            |   | P |
| Beryllium | 0.776                     |   | 0.913                      | J | -18           |   | P |
| Cadmium   | 0.097                     | J | -0.346                     | U | 100.0         |   | P |
| Calcium   | 906                       |   | 1010                       |   | -12           |   | P |
| Chromium  | 18.4                      |   | 20                         |   | -9            |   | P |
| Cobalt    | 10.05                     |   | 9.78                       |   | 3             |   | P |
| Copper    | 9.77                      |   | 11.6                       |   | -19           |   | P |
| Iron      | 22500                     |   | 23800                      |   | -6            |   | P |
| Lead      | 23.7                      |   | 23.5                       |   | 1             |   | P |
| Magnesium | 3360                      |   | 3730                       |   | -11           |   | P |
| Manganese | 615                       |   | 682                        |   | -11           |   | P |
| Nickel    | 18.9                      |   | 18.7                       |   | 1             |   | P |
| Potassium | 858                       |   | 840                        |   | 2             |   | P |
| Selenium  | 2.06                      |   | 2.19                       | J | -6            |   | P |
| Silver    | 0.136                     | J | -0.105                     | U | 100.0         |   | P |
| Sodium    | 98.7                      | J | 88.5                       | U | 100.0         |   | P |
| Thallium  | 1.68                      | J | 1.6                        | J | 5             |   | P |
| Vanadium  | 24.9                      |   | 27.7                       |   | -11           |   | P |
| Zinc      | 53                        |   | 58.6                       |   | -10           |   | P |



**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Method:**                       
**Case No.:** LB135892 **SAS No.:** LB135892

---

|                               |                   |                |        |            |  | Initial<br>Sample<br>Size(g) | Final<br>Sample<br>Volume<br>(mL) | Percent<br>Solids |
|-------------------------------|-------------------|----------------|--------|------------|--|------------------------------|-----------------------------------|-------------------|
| Sample ID                     | Client ID         | Sample<br>Type | Matrix | Prep Date  |  |                              |                                   |                   |
| <b>Batch Number: PB168087</b> |                   |                |        |            |  |                              |                                   |                   |
| Q2080-01                      | PL-HRH-COMP-01    | SAM            | SOLID  | 05/22/2025 |  | 2.30                         | 100.0                             | 86.50             |
| Q2080-01DUP                   | PL-HRH-COMP-01DUP | DUP            | SOLID  | 05/22/2025 |  | 2.11                         | 100.0                             | 86.50             |
| Q2080-01MS                    | PL-HRH-COMP-01MS  | MS             | SOLID  | 05/22/2025 |  | 2.16                         | 100.0                             | 86.50             |
| Q2080-01MSD                   | PL-HRH-COMP-01MSD | MSD            | SOLID  | 05/22/2025 |  | 2.35                         | 100.0                             | 86.50             |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

Client: LB135892 SDG No.: LB135892  
Contract:                      Lab Code: CHEM Method:                       
Case No.: LB135892 SAS No.: LB135892

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB168106</b> |                |             |        |            |                        |                          |                |
| PB168106BL                    | PB168106BL     | MB          | SOLID  | 05/22/2025 | 2.00                   | 100.0                    | 100.00         |
| PB168106BS                    | PB168106BS     | LCS         | SOLID  | 05/22/2025 | 2.00                   | 100.0                    | 100.00         |
| Q2087-01                      | NB-07-05202025 | SAM         | SOLID  | 05/22/2025 | 2.20                   | 100.0                    | 91.80          |
| Q2087-03                      | NB-08-05202025 | SAM         | SOLID  | 05/22/2025 | 2.20                   | 100.0                    | 95.00          |

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

|                  |                             |                  |                             |
|------------------|-----------------------------|------------------|-----------------------------|
| <b>Client:</b>   | <u>LB135892</u>             | <b>SDG No.:</b>  | <u>LB135892</u>             |
| <b>Contract:</b> | <u>                    </u> | <b>Lab Code:</b> | <u>CHEM</u>                 |
|                  |                             | <b>Method:</b>   | <u>                    </u> |
|                  |                             | <b>Case No.:</b> | <u>LB135892</u>             |
|                  |                             | <b>SAS No.:</b>  | <u>LB135892</u>             |

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB168113</b> |                |             |        |            |                         |                          |                |
| PB168113BL                    | PB168113BL     | MB          | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| PB168113BS                    | PB168113BS     | LCS         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2078-03                      | WC-A4-04-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2078-07                      | WC-A4-05-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2078-11                      | WC-A1-06A-C    | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2078-15                      | WC-A1-07A-C    | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2078-19                      | WC-A4-06-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2079-03                      | WC-A2-01-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2079-07                      | WC-A2-02-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2079-11                      | WC-A2-03-C     | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2084-05                      | OR-640-COMP-66 | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2092-02                      | VNJ-202        | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2093-02                      | SOIL-DRUM      | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |
| Q2094-06                      | COMP-1         | SAM         | WATER  | 05/22/2025 | 5.0                     | 25.0                     |                |

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** LB135892 **SDG No.:** LB135892  
**Contract:**                      **Lab Code:** CHEM **Method:**                       
**Case No.:** LB135892 **SAS No.:** LB135892

---

|                               |            | Sample<br>Type | Matrix | Prep Date  | Initial<br>Sample<br>Size(g) | Final<br>Sample<br>Volume<br>(mL) | Percent<br>Solids |
|-------------------------------|------------|----------------|--------|------------|------------------------------|-----------------------------------|-------------------|
| Sample ID                     | Client ID  |                |        |            |                              |                                   |                   |
| <b>Batch Number: PB168117</b> |            |                |        |            |                              |                                   |                   |
| PB168117BL                    | PB168117BL | MB             | SOLID  | 05/22/2025 | 2.00                         | 100.0                             | 100.00            |
| PB168117BS                    | PB168117BS | LCS            | SOLID  | 05/22/2025 | 2.00                         | 100.0                             | 100.00            |