



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

### Metals

- 3a -

#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3393

Contract: AECO02

Lab Code: ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB83     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 11:31            | LB137610      |

**Metals**

**- 3a -**

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|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB71     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 11:36            | LB137610      |
| CCB72     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 12:16            | LB137610      |
| CCB73     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 12:54            | LB137610      |
| CCB74     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 13:26            | LB137610      |
| CCB75     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 14:13            | LB137610      |
| CCB76     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 14:44            | LB137610      |
| CCB77     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/22/2025       | 15:02            | LB137610      |

**Metals**

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| 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>ICB01</b> | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 13:16            | LB137619      |
|              | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 13:16            | LB137619      |
|              | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 13:16            | LB137619      |
|              | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 13:16            | LB137619      |
|              | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:16            | LB137619      |
|              | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:16            | LB137619      |

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| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Antimony  | 0.17           | +/-1                | J            | 2.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 13:30            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 13:30            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 13:30            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 13:30            | LB137619      |
|           | Thallium  | 0.080          | +/-0.5              | J            | 1.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:30            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 13:30            | LB137619      |
| CCB02     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 14:18            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 14:18            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 14:18            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 14:18            | LB137619      |

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| 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    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 14:18            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 14:18            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 14:18            | LB137619      |
| CCB03     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 15:05            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 15:05            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 15:05            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 15:05            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 15:05            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 15:05            | LB137619      |
| CCB04     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 16:00            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |

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|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 16:00            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 16:00            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 16:00            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:00            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:00            | LB137619      |
| CCB05     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 16:55            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 16:55            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 16:55            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Sodium    | 182            | +/-250              | J            | 500  | P | 10/22/2025       | 16:55            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:55            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 16:55            | LB137619      |
| CCB06     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 18:10            | LB137619      |

# Metals

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|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 18:10            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 18:10            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 18:10            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:10            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:10            | LB137619      |
| CCB07     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 18:49            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 18:49            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 18:49            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 18:49            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:49            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 18:49            | LB137619      |
| CCB08     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Antimony  | 0.11           | +/-1                | U            | 2.00 | P | 10/22/2025       | 19:52            | LB137619      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3393

Contract: AECO02

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB08     | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 19:52            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 19:52            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 19:52            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 19:52            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 19:52            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 19:52            | LB137619      |
| CCB09     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Antimony  | 0.18           | +/-1                | J            | 2.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 20:31            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 20:31            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Potassium | 43.9           | +/-250              | J            | 500  | P | 10/22/2025       | 20:31            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 20:31            | LB137619      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** AECOM

**SDG No.:** Q3393

**Contract:** AECO02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB09     | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 20:31            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 20:31            | LB137619      |
| CCB10     | Aluminum  | 1.94           | +/-10               | U            | 20.0 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Antimony  | 0.19           | +/-1                | J            | 2.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Arsenic   | 0.089          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Barium    | 0.21           | +/-5                | U            | 10.0 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Beryllium | 0.32           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Cadmium   | 0.34           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Calcium   | 45.7           | +/-250              | U            | 500  | P | 10/22/2025       | 21:06            | LB137619      |
|           | Chromium  | 0.21           | +/-1                | U            | 2.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Cobalt    | 0.070          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Copper    | 0.30           | +/-1                | U            | 2.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Iron      | 7.81           | +/-25               | U            | 50.0 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Lead      | 0.21           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Magnesium | 19.5           | +/-250              | U            | 500  | P | 10/22/2025       | 21:06            | LB137619      |
|           | Manganese | 0.43           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Nickel    | 0.27           | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Potassium | 36.4           | +/-250              | U            | 500  | P | 10/22/2025       | 21:06            | LB137619      |
|           | Selenium  | 2.90           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Silver    | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Sodium    | 128            | +/-250              | U            | 500  | P | 10/22/2025       | 21:06            | LB137619      |
|           | Thallium  | 0.060          | +/-0.5              | U            | 1.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Vanadium  | 0.077          | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 21:06            | LB137619      |
|           | Zinc      | 1.25           | +/-2.5              | U            | 5.00 | P | 10/22/2025       | 21:06            | LB137619      |