

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

**Client:** Langan Engineering and Environmental Servic

**SDG No.:** Q3310

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB170045BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB170045</b> |    | <b>Prep Date:</b> | <b>10/09/2025</b> |          |
|                   | Mercury | 0.0080            | <0.014              | U                    | 0.014           | CV | 10/09/2025        | 14:40             | LB137478 |

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

**Client:** Langan Engineering and Environmental Servie

**SDG No.:** Q3310

**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>PB170058BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB170058</b> |   | <b>Prep Date:</b> | <b>10/10/2025</b> |          |
|                   | Aluminum     | 0.84              | <2.5                | U                    | 5.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Antimony     | 0.22              | <1.25               | U                    | 2.50            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Arsenic      | 0.19              | <0.5                | U                    | 1.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Barium       | 0.73              | <2.5                | U                    | 5.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Beryllium    | 0.025             | <0.15               | U                    | 0.30            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Cadmium      | 0.024             | <0.15               | U                    | 0.30            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Calcium      | 11.1              | <50                 | U                    | 100             | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Chromium     | 0.047             | <0.25               | U                    | 0.50            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Cobalt       | 0.10              | <0.75               | U                    | 1.50            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Copper       | 0.22              | <0.5                | U                    | 1.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Iron         | 3.99              | <2.5                | U                    | 5.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Lead         | 0.13              | <0.3                | U                    | 0.60            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Magnesium    | 12.0              | <50                 | U                    | 100             | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Manganese    | 0.14              | <0.5                | U                    | 1.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Nickel       | 0.13              | <1                  | U                    | 2.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Potassium    | 27.7              | <50                 | U                    | 100             | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Selenium     | 0.26              | <0.5                | U                    | 1.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Silver       | 0.12              | <0.25               | U                    | 0.50            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Sodium       | 17.8              | <50                 | U                    | 100             | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Thallium     | 0.23              | <1                  | U                    | 2.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Vanadium     | 0.25              | <1                  | U                    | 2.00            | P | 10/10/2025        | 14:35             | LB137500 |
|                   | Zinc         | 0.23              | <1                  | U                    | 2.00            | P | 10/10/2025        | 14:35             | LB137500 |