

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 05/08/2025 Time : 10:10 Temp : 96 °C

End Digest Date: 05/08/2025 Time : 13:14 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SL25*

Supervisor Signature: *gmp*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6005               |
| LFS-2         | 0.25     | M6012               |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| Conc. HNO3    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 05/08/25 14:14 | <i>SL25.mct.dig</i>                     | <i>gmp/mct.dig</i>   |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB167909BL    | PBW909           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 19       |
| PB167909BS    | LCS909           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6005,M6016 | 20       |
| Q1967-01      | RECLAIM-TANK     | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 21       |
| Q1967-02      | BOOSTER-1        | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 22       |
| Q1967-03      | ACID-PIT         | <2 | 50               | 25             | Gray         | Gray        | Cloudy         | Cloudy        | N/A         | 23       |
| Q1967-04      | CHAMBER-WASHER   | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 24       |
| Q1967-05      | PORT-SAMPLE      | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 25       |
| Q1967-05MS    | PORT-SAMPLEMS    | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6005,M6016 | 27       |
| Q1967-05MSD   | PORT-SAMPLEMSD   | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6005,M6016 | 28       |
| Q1967-05DUP   | PORT-SAMPLEDUP   | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 26       |