

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID : HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 12/01/2025 Time : 09:20 Temp : 96 °C

End Digest Date: 12/01/2025 Time : 11:20 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: MR

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP88143             |
| CCV               | 30mL     | MP88145             |
| CRA               | 30mL     | MP88147             |
| Blank Spike       | 0.48mL   | MP88135             |
| Matrix Spike      | 0.48mL   | MP88135             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| HNO3/H2SO4(1:2)         | 2.25mL         | MP87633    |
| KMnO4 (5%)              | 4.5mL          | MP87634    |
| K2S2O8 (5%)             | 2.4mL          | MP87635    |
| Hydroxylamine HCL (12%) | 1.8mL          | MP87636    |
| 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        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP88136 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP88138 |
| 2.5 ppb       | S2.5             | 30mL          | MP88139 |
| 5.0 ppb       | S5.0             | 30mL          | MP88140 |
| 7.5 ppb       | S7.5             | 30mL          | MP88141 |
| 10.0 ppb      | S10.0            | 30mL          | MP88142 |
| ICV           | ICV              | 30mL          | MP88143 |
| ICB           | ICB              | 30mL          | MP88144 |
| CCV           | CCV              | 30mL          | MP88145 |
| CCB           | CCB              | 30mL          | MP88146 |
| CRI           | CRI              | 30mL          | MP88147 |
| CHK STD       | CHK STD          | 30mL          | MP88148 |

Extraction Conformance/Non-Conformance Comments:

| N/A            |                                         |                      |
|----------------|-----------------------------------------|----------------------|
| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
| 12/01/25 12:20 | MB mclrdg                               | MB mclrdg            |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|------------------|----------------|----|---------|----------|
| PB170772BL    | PBW772           | 30               | 30             | <2 | N/A     | 3-19     |
| PB170772BS    | LCS772           | 30               | 30             | <2 | MP88135 | 20       |
| Q3731-01DUP   | W1DUP            | 30               | 30             | <2 | N/A     | 22       |
| Q3731-01MS    | W1MS             | 30               | 30             | <2 | MP88135 | 23       |
| Q3731-01MSD   | W1MSD            | 30               | 30             | <2 | MP88135 | 24       |
| Q3731-01      | W1               | 30               | 30             | <2 | N/A     | 21       |