

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID : HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 06/17/2025 Time : 14:40 Temp : 94 °C

End Digest Date: 06/17/2025 Time : 16:40 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 94°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| ICV           | 30mL     | MP85997             |
| CCV           | 30mL     | MP85999             |
| CRA           | 30mL     | MP86001             |
| Blank Spike   | 0.48mL   | MP85990             |
| Matrix Spike  | 0.48mL   | MP85990             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| HNO3/H2SO4(1:2)         | 2.25mL         | MP85892    |
| KMnO4 (5%)              | 4.5mL          | MP85893    |
| K2S2O8 (5%)             | 2.4mL          | MP85894    |
| Hydroxylamine HCL (12%) | 1.8mL          | MP85895    |
| 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        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP85991 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP85992 |
| 2.5 ppb       | S2.5             | 30mL          | MP85993 |
| 5.0 ppb       | S5.0             | 30mL          | MP85994 |
| 7.5 ppb       | S7.5             | 30mL          | MP85995 |
| 10.0 ppb      | S10.0            | 30mL          | MP85996 |
| ICV           | ICV              | 30mL          | MP85997 |
| ICB           | ICB              | 30mL          | MP85998 |
| CCV           | CCV              | 30mL          | MP85999 |
| CCB           | CCB              | 30mL          | MP86000 |
| CRI           | CRI              | 30mL          | MP86001 |
| CHK STD       | CHK STD          | 30mL          | MP86002 |

Extraction Conformance/Non-Conformance Comments:

| N/A             |                                         |                           |
|-----------------|-----------------------------------------|---------------------------|
| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location      |
| 6/17/2025 17:10 | <i>[Signature]</i> M4 Lab               | <i>[Signature]</i> M4 Lab |
|                 | Preparation Group                       | Analysis Group            |

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|------------------|----------------|----|---------|----------|
| PB168497TB    | PB168497TB       | 3                | 30             | <2 | N/A     | 3-1      |
| PB168519BL    | PBW519           | 30               | 30             | <2 | N/A     | 2        |
| PB168519BS    | LCS519           | 30               | 30             | <2 | MP85990 | 3        |
| Q2311-04      | TP03-MH2MH3-WC   | 3                | 30             | <2 | N/A     | 4        |
| Q2311-08      | TP04-MH2MH3-WC   | 3                | 30             | <2 | N/A     | 5        |
| Q2312-04      | TP-1             | 3                | 30             | <2 | N/A     | 6        |
| Q2319-04      | MH-B             | 3                | 30             | <2 | N/A     | 7        |
| Q2320-01      | WC               | 3                | 30             | <2 | N/A     | 8        |
| Q2325-04      | TP-8             | 3                | 30             | <2 | N/A     | 9        |
| Q2325-04DUP   | TP-8DUP          | 3                | 30             | <2 | N/A     | 10       |
| Q2325-04MS    | TP-8MS           | 3                | 30             | <2 | MP85990 | 11       |
| Q2325-04MSD   | TP-8MSD          | 3                | 30             | <2 | MP85990 | 12       |