

SOP ID : N/A

SDG No : NA

Matrix : SOIL

Pipette ID : HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 05/30/2025 Time : 08:35 Temp : 94 °C

End Digest Date: 05/30/2025 Time : 09:05 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *ig*

Supervisor Signature: *rl*

Temp : 1. 94°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| ICV           | 30mL     | MP85804             |
| CCV           | 30mL     | MP85806             |
| CRA           | 30mL     | MP85808             |
| Blank Spike   | 0.48mL   | MP85797             |
| Matrix Spike  | 0.48mL   | MP85797             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| AQUA REGIA              | 1.5mL          | MP85810    |
| KMnO4 (5%)              | 4.5mL          | MP85241    |
| Hydroxylamine HCL (12%) | 2.0mL          | MP85243    |
| PTFE Boiling Stones     | -----          | M4583      |
| 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          | MP85798  |
| 0.05 ppb      | S0.05            | N/A           | N/A      |
| 0.2 ppb       | S0.2             | 30mL          | MP85799  |
| 2.5 ppb       | S2.5             | 30mL          | MP85800  |
| 5.0 ppb       | S5.0             | 30mL          | MP85801  |
| 7.5 ppb       | S7.5             | 30mL          | MP85802  |
| 10.0 ppb      | S10.0            | 30mL          | MP8580.3 |
| ICV           | ICV              | 30mL          | MP85804  |
| ICB           | ICB              | 30mL          | MP85805  |
| CCV           | CCV              | 30mL          | MP85806  |
| CCB           | CCB              | 30mL          | MP85807  |
| CRI           | CRI              | 30mL          | MP85808  |
| CHK STD       | CHK STD          | 30mL          | MP85809  |

Extraction Conformance/Non-Conformance Comments:

| N/A           |                                         |                        |
|---------------|-----------------------------------------|------------------------|
| Date / Time   | Prepped Sample Relinquished By/Location | Received By/Location   |
| 5/30/25 09:10 | <i>ig - Dig Lab</i>                     | <i>ig - smitar Lab</i> |
|               | Preparation Group                       | Analysis Group         |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|----|---------|----------|
| PB168222BL    | PBS222           | 0.59               | 35             | NA | N/A     | 3-1      |
| PB168222BS    | LCS222           | 0.57               | 35             | NA | mp85797 | 2        |
| Q2136-01      | OR-646-COMP-52   | 0.59               | 35             | NA | N/A     | 3        |
| Q2137-01      | MOO-25-0151      | 0.58               | 35             | NA | N/A     | 4        |
| Q2139-01      | BELL-25-0010     | 0.53               | 35             | NA | N/A     | 5        |
| Q2141-01      | VNJ-215          | 0.57               | 35             | NA | N/A     | 6        |
| Q2146-01      | TP04-MHN-WC      | 0.52               | 35             | NA | N/A     | 7        |
| Q2150-01      | TP-44            | 0.58               | 35             | NA | N/A     | 8        |
| Q2150-01DUP   | TP-44DUP         | 0.59               | 35             | NA | N/A     | 9        |
| Q2150-01MS    | TP-44MS          | 0.53               | 35             | NA | mp85797 | 10       |
| Q2150-01MSD   | TP-44MSD         | 0.60               | 35             | NA | mp85797 | 11       |
| Q2150-02      | TP-42            | 0.60               | 35             | NA | N/A     | 12       |
| Q2150-03      | TP-39            | 0.55               | 35             | NA | N/A     | 13       |
| Q2150-04      | TP-48            | 0.56               | 35             | NA | N/A     | 14       |
| Q2150-05      | TP-47            | 0.56               | 35             | NA | N/A     | 15       |
| Q2150-06      | TP-50            | 0.54               | 35             | NA | N/A     | 16       |
| Q2150-07      | TP-51            | 0.50               | 35             | NA | N/A     | 17       |
| Q2150-08      | TP-52            | 0.60               | 35             | NA | N/A     | 18       |
| Q2150-09      | TP-54            | 0.54               | 35             | NA | N/A     | 19       |
| Q2150-10      | TP-53            | 0.50               | 35             | NA | N/A     | 20       |
| Q2151-01      | WC-1             | 0.53               | 35             | NA | N/A     | 21       |
| Q2155-01      | 446              | 0.51               | 35             | NA | N/A     | 22       |
| Q2155-02      | 447-SOLID        | 0.58               | 35             | NA | N/A     | 23       |
| Q2157-01      | 291              | 0.60               | 35             | NA | N/A     | 24       |