

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

SDG No : MBHHS5

Start Digest Date: 11/22/2024 Time : 12:00 Temp : 96 °C

Matrix : SOIL

End Digest Date: 11/22/2024 Time : 14:15 Temp : 96 °C

Pipette ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. # 3

Filter paper ID : N/A

Dig Technician Signature: 

pH Strip ID : N/A

Supervisor Signature: 

Hood ID : #3

Temp : 1. 96°C 2. N/A

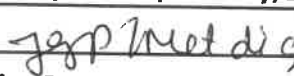
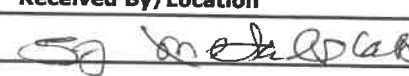
Block ID: 1. HOT BLOCK #3 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LCSS | 1.00 | MP83141 |
| Spike Sol 6 | 1.00 | MP83147 |
| 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 |
|---------------|----------------|------------|
| 1:1 HNO3 | 10.00 | MP83122 |
| Conc. HNO3 | 5.00 | M6124 |
| 30% H2O2 | 3.00 | M5634 |
| Conc. HCL | 10.00 | M6118 |
| 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 #3 CELL #34 : 96 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|--|---|
| 11/22/24 14:20 |  Preparation Group |  Analysis Group |

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P4939-01 | MBHHS5 | N/A | 1.17 | 100 | Brown | Yellow | Medium | N/A | N/A | 1 |
| P4939-02 | MBHHS6 | N/A | 1.39 | 100 | Brown | Yellow | Medium | N/A | N/A | 2 |
| P4939-03 | MBHHT6 | N/A | 1.11 | 100 | Brown | Yellow | Medium | N/A | N/A | 3 |
| P4939-04 | MBHHT7 | N/A | 1.16 | 100 | Brown | Yellow | Medium | N/A | N/A | 4 |
| P4939-05 | MBHHT8 | N/A | 1.19 | 100 | Brown | Yellow | Medium | N/A | N/A | 5 |
| P4939-06 | MBHHT9 | N/A | 1.10 | 100 | Brown | Yellow | Medium | N/A | N/A | 6 |
| P4939-07 | MBHHW0 | N/A | 1.17 | 100 | Brown | Yellow | Medium | N/A | N/A | 7 |
| P4939-08 | MBHHW6 | N/A | 1.20 | 100 | Brown | Yellow | Medium | N/A | N/A | 8 |
| P4939-09 | MBHHW7 | N/A | 1.18 | 100 | Brown | Yellow | Medium | N/A | N/A | 9 |
| P4939-10 | MBHHW8 | N/A | 1.22 | 100 | Brown | Yellow | Medium | N/A | N/A | 10 |
| P4939-11 | MBHHW8D | N/A | 1.13 | 100 | Brown | Yellow | Medium | N/A | N/A | 11 |
| P4939-12 | MBHHW8S | N/A | 1.14 | 100 | Brown | Yellow | Medium | N/A | MP83147 | 12 |
| P4939-13 | MBHHX5 | N/A | 1.12 | 100 | Brown | Yellow | Medium | N/A | N/A | 13 |
| P4939-14 | MBHHX6 | N/A | 1.13 | 100 | Brown | Yellow | Medium | N/A | N/A | 14 |
| P4939-15 | MBHHY5 | N/A | 1.13 | 100 | Brown | Yellow | Medium | N/A | N/A | 15 |
| P4939-16 | MBHHY6 | N/A | 1.11 | 100 | Brown | Yellow | Medium | N/A | N/A | 16 |
| P4939-17 | MBHHY7 | N/A | 1.15 | 100 | Brown | Yellow | Medium | N/A | N/A | 17 |
| P4939-18 | MBHHY8 | N/A | 1.10 | 100 | Brown | Yellow | Medium | N/A | N/A | 18 |
| P4939-19 | MBHHY9 | N/A | 1.15 | 100 | Brown | Yellow | Medium | N/A | N/A | 19 |
| P4939-20 | MBHHZ0 | N/A | 1.17 | 100 | Brown | Yellow | Medium | N/A | N/A | 20 |
| P4939-21 | MBHHZ1 | N/A | 1.12 | 100 | Brown | Yellow | Medium | N/A | N/A | 21 |
| P4939-22 | MBHHZ2 | N/A | 1.31 | 100 | Brown | Yellow | Medium | N/A | N/A | 22 |
| PB165197BL | PBS197 | N/A | 1.00 | 100 | Colorless | Colorless | Fine | N/A | N/A | 23 |
| PB165197BS | LCS197 | N/A | 1.00 | 100 | Colorless | Colorless | Fine | N/A | MP83141 | 24 |