

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

**SDG No :** MBHHL4

**Matrix :** SOIL

**Pipette ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

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

**Start Digest Date:** 11/21/2024 **Time :** 14:00 **Temp :** 96 °C

**End Digest Date:** 11/21/2024 **Time :** 16:10 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. # 3

**Dig Technician Signature:** *JGP*

**Supervisor Signature:** *[Signature]*

**Temp :** 1. 96°C 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           | M6120      |
| 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            |
|----------------|-----------------------------------------|---------------------------------|
| 11/31/24 16:20 | <i>JGP / Met dig</i>                    | <i>[Signature] (metals lab)</i> |
|                | 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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P4915-01      | MBHHL4           | N/A | 1.11               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 1        |
| P4915-02      | MBHHL5           | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 2        |
| P4915-03      | MBHHL6           | N/A | 1.25               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 3        |
| P4915-04      | MBHHL7           | N/A | 1.41               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 4        |
| P4915-05      | MBHHL5           | N/A | 1.17               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 5        |
| P4915-07      | MBHHL7           | N/A | 1.11               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 6        |
| P4915-08      | MBHHL8           | N/A | 1.39               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 7        |
| P4915-09      | MBHHL8D          | N/A | 1.13               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 8        |
| P4915-10      | MBHHL8S          | N/A | 1.19               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 9        |
| P4915-11      | MBHHL9           | N/A | 1.14               | 100            | Brown        | Yellow      | Medium  | N/A      | MP83147 | 10       |
| P4915-12      | MBHHL0           | N/A | 1.49               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 11       |
| P4915-13      | MBHHL1           | N/A | 1.36               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 12       |
| P4915-14      | MBHHL2           | N/A | 1.30               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 13       |
| P4915-15      | MBHHL3           | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 14       |
| P4915-16      | MBHHL4           | N/A | 1.22               | 100            | Black        | Yellow      | Medium  | N/A      | N/A     | 15       |
| P4915-17      | MBHHL5           | N/A | 1.39               | 100            | Black        | Yellow      | Medium  | N/A      | N/A     | 16       |
| P4915-18      | MBHHL6           | N/A | 1.32               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 17       |
| P4915-19      | MBHHL7           | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 18       |
| P4915-20      | MBHHL8           | N/A | 1.35               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 19       |
| P4915-21      | MBHHL9           | N/A | 1.14               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 20       |
| P4915-22      | MBHHL0           | N/A | 1.40               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 21       |
| PB165169BL    | PBS169           | N/A | 1.00               | 100            | Colorless    | Yellow      | Fine    | N/A      | N/A     | 22       |
| PB165169BS    | LCS169           | N/A | 1.00               | 100            | Colorless    | Yellow      | Fine    | N/A      | MP83141 | 23       |