

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

SDG No : MYDAT3

Start Digest Date: 10/17/2024 Time : 16:35 Temp : 97 °C

Matrix : SOIL

End Digest Date: 10/17/2024 Time : 19:35 Temp : 97 °C

Pipette ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. #2

Filter paper ID : N/A

Dig Technician Signature: *gerp*

pH Strip ID : N/A

Supervisor Signature: *[Signature]*

Hood ID : #3

Temp : 1. 97°C 2. N/A

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

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LCSS          | 1.00     | MP82711             |
| LCSSD         | 0.50     | MP82711             |
| Spike Sol 6   | 2.00     | MP82731             |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 1:1 HNO3      | 10.00          | MP81119    |
| 1:1 HCL       | 5.00           | MP82127    |
| CONC: HNO3    | 5.00           | M6088      |
| 30% H2O2      | 3.00           | M5634      |
| 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 #2 Cell #34 Temp.: 97 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location         |
|----------------|-----------------------------------------|------------------------------|
| 10/17/24 19:48 | <i>gerp</i> Met dig                     | <i>[Signature]</i> Condo Lab |
|                | 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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P4310-01      | MYDAT3           | N/A | 1.08               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 1        |
| P4310-02      | MYDAT4           | N/A | 1.21               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 2        |
| P4310-03      | MYDAT5           | N/A | 1.24               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 3        |
| P4310-04      | MYDAT5D          | N/A | 1.16               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 5        |
| P4310-05      | MYDAT5S          | N/A | 1.16               | 100            | Brown        | Yellow      | Medium  | N/A      | MP82731 | 27       |
| P4310-06      | MYDAT6           | N/A | 1.08               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 7        |
| P4310-07      | MYDAT7           | N/A | 1.30               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 8        |
| P4310-08      | MYDAT8           | N/A | 1.09               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 9        |
| P4310-09      | MYDAT9           | N/A | 1.31               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 10       |
| P4310-10      | MYDAW0           | N/A | 1.32               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 12       |
| P4310-11      | MYDAW1           | N/A | 1.10               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 13       |
| P4310-12      | MYDAW2           | N/A | 1.45               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 14       |
| P4310-13      | MYDAW3           | N/A | 1.44               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 15       |
| P4310-14      | MYDAW4           | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 16       |
| P4310-15      | MYDAW5           | N/A | 1.37               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 17       |
| P4310-16      | MYDAW6           | N/A | 1.19               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 18       |
| P4310-17      | MYDAW7           | N/A | 1.36               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 19       |
| P4310-18      | MYDAW8           | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 20       |
| P4310-19      | MYDAW9           | N/A | 1.23               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 21       |
| P4310-20      | MYDAX0           | N/A | 1.20               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 22       |
| P4310-21      | MYDAX1           | N/A | 1.36               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 23       |
| P4310-22      | MYDAX2           | N/A | 1.25               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 24       |
| PB164199BL    | PBS199           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A     | 25       |
| PB164199BS    | LCS199           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP82711 | 28       |
| PB164199BSD   | LCSD199          | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP82711 | 29       |