

SOP ID : M6020B-Metals ICPMS-26

SDG No : N/A

Matrix : WATER

Pipette ID: ICP-A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M4909

Hood ID : #3

Start Digest Date: 08/17/2021 Time : 11:32 Temp : 95 °C

End Digest Date: 08/17/2021 Time : 14:10 Temp : 96 °C

Digestion tube ID: M4911

Block thermometer ID: MET-DIG#1

Dig Technician Signature: *BT*

Supervisor Signature: *ST*

Block ID/Temp : 1. 95°C 2. N/A 3. N/A 4. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| Spike Sol 1   | 0.50     | MP64913             |
| Spike Sol 2   | 1.00     | MP64914             |
| Spike Sol 3   | 1.00     | MP64918             |
| Spike Sol 4   | 1.00     | MP64919             |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 1:1 HNO3      | 1.00           | MP64937    |
| 1:1 HCL       | 0.50           | MP63865    |
| 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        |
| N/A           | N/A            | N/A        |

### Extraction Conformance/Non-Conformance Comments:

x\*MP64918,MP64919

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location   |
|----------------|-----------------------------------------|------------------------|
| 08/17/21 14:25 | <i>BT / Dig Lab</i>                     | <i>ST (Metals Lab)</i> |
|                | Preparation Group                       | Analysis Group         |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment            | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|--------------------|----------|
| M3398-16      | SWCS-04-0002     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 4        |
| M3398-19      | SWCS-04-0205     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 5        |
| M3398-22      | SWCS-04-0510     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 6        |
| M3419-02      | SWCS-03-0002     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 7        |
| M3419-04      | SWCS-03-0205     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 8        |
| M3419-06      | SWCS-03-0510     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 9        |
| M3419-08      | SWCS-03-1015     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 10       |
| M3419-08DUP   | SWCS-03-1015DUP  | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 11       |
| M3419-11      | M3419-08MS       | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP64913,MP64914,X* | 12       |
| M3419-12      | M3419-08MSD      | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP64913,MP64914,X* | 13       |
| M3419-14      | SWCS-08-0002     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 14       |
| M3419-16      | SWCS-08-0205     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 15       |
| M3419-18      | SWCS-08-0510     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 16       |
| M3419-20      | SWCS-08-1015     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 17       |
| M3419-22      | SWCS-09-0002     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 18       |
| M3419-24      | SWCS-09-0205     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 19       |
| M3426-02      | SWCS-09-0510     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 20       |
| M3426-04      | 2021-08-11-FD-02 | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 21       |
| M3426-06      | SWCS-09-1015     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 22       |
| M3426-08      | SWCS-10-0002     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 23       |
| PB138513BL    | PBW513           | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 1-1      |
| PB138513BS    | LCS513           | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP64913,MP64914,X* | 2        |
| PB138513TB    | LEB513           | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                | 3        |