

**SOP ID :** M200.8-Trace Elements-22

**SDG No :** N/A

**Matrix :** WATER

**Pipette ID:** ICP A

**Balance ID :** N/A

**Filter paper ID :** N/A

**pH Strip ID :** M6069

**Hood ID :** #3

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

**Start Digest Date:** 11/01/2024 **Time :** 14:00 **Temp :** 95 °C

**End Digest Date:** 11/01/2024 **Time :** 16:10 **Temp :** 95 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** MET-DIG. #1

**Dig Technician Signature:** JSP

**Supervisor Signature:** [Signature]

**Temp :** 1. 95°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| Spike Sol 1   | 0.50     | MP82855             |
| Spike Sol 2   | 1.00     | MP82856             |
| Spike Sol 3   | 1.00     | MP82857             |
| Spike Sol 4   | 1.00     | MP82858             |
| Spike Sol 5   | 0.50     | MP82859             |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 1:1 HNO3      | 1.00           | MP81119    |
| 1:1 HCL       | 0.50           | MP82127    |
| 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:**

HOT BLOCK #1 CELL #50 : 95 C

| Date / Time   | Prepped Sample Relinquished By/Location | Received By/Location |
|---------------|-----------------------------------------|----------------------|
| 11/1/24 16:30 | JSP / Met dig                           | SS (Metals Lab)      |
|               | 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 |
|---------------|-----------------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|---------------------------|----------|
| P4540-01      | INFANT-2-SINK-C             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 16       |
| P4540-02      | INFANT-2-SINK-D             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 17       |
| P4540-03      | PRESCHOOL-1-SINK-A          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 18       |
| P4540-04      | PRESCHOOL-1-SINK-B          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 19       |
| P4540-05      | PRESCHOOL-2-SINK-A          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 20       |
| P4540-06      | PRESCHOOL-2-SINK-B          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 21       |
| P4540-07      | PRESCHOOL-3-SINK-A          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 22       |
| P4540-08      | PRESCHOOL-3-SINK-B          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 23       |
| P4540-09      | PRESCHOOL-4-SINK-A          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 24       |
| P4540-10      | PRESCHOOL-4-SINK-B          | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 25       |
| P4540-11      | INFANT-1-SINK-A             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 26       |
| P4540-12      | INFANT-1-SINK-B             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 27       |
| P4540-13      | INFANT-1-SINK-C             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 28       |
| P4540-14      | INFANT-1-SINK-D             | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 29       |
| P4540-15      | PREKINDERGARTEN-1-SINK-A    | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 30       |
| P4540-15DUP   | PREKINDERGARTEN-1-SINK-ADUP | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 31       |
| P4540-15MS    | PREKINDERGARTEN-1-SINK-AMS  | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP82855,MP82856,MP82857,N | 32       |
| P4540-15MSD   | PREKINDERGARTEN-1-SINK-AMSD | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP82855,MP82856,MP82857,N | 33       |
| PB164604BL    | PBW604                      | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A                       | 34       |
| PB164604BS    | LCS604                      | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | MP82855,MP82856,MP82857,N | 35       |