

## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB134521

Analysis Date: 02/01/2025

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: Iwona

Extraction Date: 02/01/2025

Extraction IN Time: 10:10

Extraction OUT Time: 10:48

Thermometer ID: EXT OVEN#3

| Dish # | Lab ID     | Client ID              | Matrix | pH  | Sample Vol (ml) | Final Volume (ml) | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Silica Gel Weight (g) | Weight After Drying (g) | Final Weight After Drying (g) | Change Weight (g) | Result in ppm |
|--------|------------|------------------------|--------|-----|-----------------|-------------------|-----------------------|-----------------------------|-----------------------|-------------------------|-------------------------------|-------------------|---------------|
| 1      | LB134521BL | LB134521BL             | WATER  | 1.3 | 1000            | 100               | 3.0263                | 3.0263                      | 0                     | 3.0264                  | 3.0264                        | 0.0001            | 0.1           |
| 2      | LB134521BS | LB134521BS             | WATER  | 1.3 | 1000            | 100               | 3.1788                | 3.1788                      | 0                     | 3.1957                  | 3.1957                        | 0.0169            | 16.9          |
| 3      | Q1168-07   | LOD-MDL-WATER-01-QT1-2 | WATER  | 1.3 | 1000            | 100               | 2.9631                | 2.9631                      | 0                     | 2.9652                  | 2.9652                        | 0.0021            | 2.1           |
| 4      | Q1168-08   | LOQ-WATER-02-QT1-2025  | WATER  | 1.3 | 1000            | 100               | 2.7481                | 2.7481                      | 0                     | 2.7538                  | 2.7538                        | 0.0057            | 5.7           |
| 5      | Q1211-01   | TPHHA-MW01-012825-00-T | WATER  | 1.3 | 1000            | 100               | 3.0878                | 3.0878                      | 0                     | 3.0879                  | 3.0879                        | 0.0001            | 0.1           |
| 6      | Q1211-02   | TAPIAL2-MW03-012825-00 | WATER  | 1.3 | 1000            | 100               | 3.0320                | 3.0320                      | 0                     | 3.0323                  | 3.0323                        | 0.0003            | 0.3           |
| 7      | Q1252-01   | EFFLUENT               | WATER  | 1.6 | 1000            | 100               | 3.0521                | 3.0521                      | 0                     | 3.0641                  | 3.0641                        | 0.0120            | 12            |
| 8      | Q1252-02   | Q1252-01MS             | WATER  | 1.6 | 1000            | 100               | 3.1485                | 3.1485                      | 0                     | 3.1804                  | 3.1804                        | 0.0319            | 31.9          |
| 9      | Q1252-03   | Q1252-01MSD            | WATER  | 1.6 | 1000            | 100               | 2.9903                | 2.9903                      | 0                     | 3.0225                  | 3.0225                        | 0.0322            | 32.2          |

QC Batch# LB134521

**Test:** Oil and Grease

**Analysis Date:** 02/01/2025

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3153          |
| pH Paper 0-14  | M6069          |
| Sodium Sulfate | EP2580         |
| 1:1 HCL        | WP110826       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP100827       |
| LCSWD         | NA          | NA             |
| MS/MSD        | 2.5 ML      | WP100828       |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 71 °C Dessicator Time In1 : 12:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 11:30

Bal Check Time: 10:30 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 13:10

Out Time1: 12:25

## After Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 14:31

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 14:00

Bal Check Time: 15:15 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 15:10

Out Time2: 14:30

# WORKLIST(Hardcopy Internal Chain)

134521

WorkList Name : oil & grease p1211

WorkList ID : 187391

Department : Wet-Chemistry

Date : 02-01-2025 09:58:54

| Sample   | Customer Sample           | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|---------------------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| Q1168-07 | LOD-MDL-WATER-01-QT1-202  | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | CHEM02   | QA Of                       | 01/23/2025   | 1664A  |
| Q1168-08 | LOQ-WATER-02-QT1-2025     | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | CHEM02   | QA Of                       | 01/23/2025   | 1664A  |
| Q1211-01 | TPHHA-MW01-012825-00-T4   | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | WEST04   | N31                         | 01/28/2025   | 1664A  |
| Q1211-02 | TAPIAL2-MW03-012825-00-T3 | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | WEST04   | N31                         | 01/28/2025   | 1664A  |
| Q1252-01 | EFFLUENT                  | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | E11                         | 01/31/2025   | 1664A  |
| Q1252-02 | Q1252-01MS                | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | E11                         | 01/31/2025   | 1664A  |
| Q1252-03 | Q1252-01MSD               | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | E11                         | 01/31/2025   | 1664A  |

Date/Time 02/01/25 10:00

Raw Sample Received by: SA WOC

Raw Sample Relinquished by: RJ (Est-WOC)

Date/Time 02/01/25

Raw Sample Received by: RJ (Est-WOC)

Raw Sample Relinquished by: SA WOC