

## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB130747

Analysis Date: 05/14/2024

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: Iwona

Extraction Date: 05/14/2024

Extraction IN Time: 08:40

Extraction OUT Time: 09:35

Thermometer ID: EXT OVEN#3

| Dish # | Lab ID      | Client ID             | Matrix | pH  | Sample Vol (ml) | Final Volume (ml) | Empty Dish Weight | 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      | LB130747BL  | LB130747BL            | WATER  | 1.3 | 1000            | 100               | 2.8566            | 2.8566                      | 0                     | 2.8567                  | 2.8567                        | 0.0001            | 0.1           |
| 2      | LB130747BS  | LB130747BS            | WATER  | 1.3 | 1000            | 100               | 2.8407            | 2.8407                      | 0                     | 2.8584                  | 2.8584                        | 0.0177            | 17.7          |
| 3      | LB130747BSD | LB130747BSD           | WATER  | 1.3 | 1000            | 100               | 2.9366            | 2.9366                      | 0                     | 2.9544                  | 2.9544                        | 0.0178            | 17.8          |
| 4      | P2403-09    | MDL-WATER-03-QT2-2024 | WATER  | 1.3 | 1000            | 100               | 3.1304            | 3.1304                      | 0                     | 3.1327                  | 3.1327                        | 0.0023            | 2.3           |



QC Batch# LB130747

**Test:** Oil and Grease

**Analysis Date:** 05/14/2024

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3076          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2483         |
| 1:1 HCL        | WP106917       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP106918       |
| LCSWD         | 2.5 ML      | WP106919       |
| MS/MSD        | NA          | NA             |

## BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 11:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:30

Bal Check Time: 09:00 Out OVEN TEMP1: 70 °C Dessicator Time Out1 12:00

Out Time1 11:25

### After Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 13:01

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In Time2:      12:30
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1.0000 gram Balance: 1.0003 (0.9950-1.0050) In Time2: 12:30

Out OVEN TEMP2: 71 °C      Dessicator Time Out2      13:35

Bal Check Time: 13:36

Out Time2: 13:00

130547

WORKLIST(Hardcopy Internal Chain)

WorkList Name : oil & grease p2403 WATE      WorkList ID : 180215      Department : Wet-Chemistry      Date : 05-14-2024 07:57:11

| Sample   | Customer Sample       | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| P2403-09 | MDL-WATER-03-QT2-2024 | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | CHEM02   | QA Of                       | 05/07/2024   | 1664A  |

Date/Time 05.14.24 08:00  
Raw Sample Received by: 70 1001  
Raw Sample Relinquished by: 70 1001

Date/Time 05.14.24 13:00  
Raw Sample Received by: 70 1001  
Raw Sample Relinquished by: 70 1001