

## Extraction and Analytical Summary Report

**Analysis Method:** 1664A  
**Test:** Oil and Grease  
**Run Number:** LB135353  
**Analysis Date:** 04/09/2025  
**BalanceID:** WC SC-6  
**OvenID:** EXT OVEN-3

**ANALYST:** jignesh  
**REVIEWED BY:** Iwona  
**Extraction Date:** 04/09/2025  
**Extraction IN Time:** 08:00  
**Extraction OUT Time:** 08:20  
**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      | LB135353BL | LB135353BL  | WATER  | 1.3 | 1000            | 100               | 2.7463                | 2.7463                      | 0                     | 2.7463                  | 2.7463                        | 0.0000            | 0             |
| 2      | LB135353BS | LB135353BS  | WATER  | 1.3 | 1000            | 100               | 2.9303                | 2.9303                      | 0                     | 2.9472                  | 2.9472                        | 0.0169            | 16.9          |
| 3      | Q1717-01   | EFFLUENT    | WATER  | 1.6 | 1000            | 100               | 3.0123                | 3.0123                      | 0                     | 3.0236                  | 3.0236                        | 0.0113            | 11.3          |
| 4      | Q1717-02   | Q1717-01MS  | WATER  | 1.6 | 1000            | 100               | 2.4741                | 2.4741                      | 0                     | 2.5055                  | 2.5055                        | 0.0314            | 31.4          |
| 5      | Q1717-03   | Q1717-01MSD | WATER  | 1.6 | 1000            | 100               | 3.1609                | 3.1609                      | 0                     | 3.1922                  | 3.1922                        | 0.0313            | 31.3          |

QC Batch# LB135353

**Test:** Oil and Grease

**Analysis Date:** 04/09/2025

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3177          |
| pH Paper 0-14  | M6069          |
| Sodium Sulfate | EP2599         |
| 1:1 HCL        | WP110826       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP110827       |
| LCSWD         | NA          | NA             |
| MS/MSD        | 2.5 ML      | WP110828       |

### 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 : 10:01

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:15

Bal Check Time: 08:11 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 10:30

Out Time1: 10:00

## After Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 11:31

1.0000 gram Balance: 1.0003 (0.9950-1.0050) In Time2: 11:00

Bal Check Time: 12:15 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 12:05

Out Time2: 11:30

# WORKLIST(Hardcopy Internal Chain)

VB 135353

WorkList Name : oil & grease q1717

WorkList ID : 188814

Department : Wet-Chemistry

Date : 04-09-2025 07:46:42

| Sample     | Customer Sample | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|------------|-----------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| Q1717-01 E | EFFLUENT        | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | L21                         | 04/03/2025   | 1664A  |
| Q1717-02   | Q1717-01MS      | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | L21                         | 04/03/2025   | 1664A  |
| Q1717-03   | Q1717-02MSD     | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | L21                         | 04/03/2025   | 1664A  |

Date/Time 04/09/25 07:50

Raw Sample Received by: JG WDC

Raw Sample Relinquished by: JG SH

Date/Time 04/09/25

Raw Sample Received by: JG SH

13130

JG SH