

## Extraction and Analytical Summary Report

**Analysis Method:** 1664A

**Test:** Oil and Grease

**Run Number:** LB136941

**Analysis Date:** 08/25/2025

**BalanceID:** WC-SC-6

**OvenID:** EXT OVEN-3

**ANALYST:** jignesh

**REVIEWED BY:** rubina

**Extraction Date:** 08/25/2025

**Extraction IN Time:** 08:00

**Extraction OUT Time:** 09:00

**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      | LB136941BL | LB136941BL  | WATER  | 1.3 | 1000            | 100               | 3.0258                | 3.0258                      | 0                     | 3.0259                  | 3.0259                        | 0.0001            | 0.1           |
| 2      | LB136941BS | LB136941BS  | WATER  | 1.3 | 1000            | 100               | 3.0145                | 3.0145                      | 0                     | 3.0313                  | 3.0313                        | 0.0168            | 16.8          |
| 3      | Q2929-01   | DA3-SW2     | WATER  | 1.3 | 500             | 100               | 3.0626                | 3.0626                      | 0                     | 3.0630                  | 3.0630                        | 0.0004            | 0.8           |
| 4      | Q2929-02   | DA5-SW3     | WATER  | 1.3 | 670             | 100               | 3.0587                | 3.0587                      | 0                     | 3.0599                  | 3.0599                        | 0.0012            | 1.79          |
| 5      | Q2929-03   | DA5-SW4     | WATER  | 1.3 | 750             | 100               | 3.0359                | 3.0359                      | 0                     | 3.0364                  | 3.0364                        | 0.0005            | 0.67          |
| 6      | Q2929-04   | DA6-SW5     | WATER  | 1.3 | 700             | 100               | 3.1137                | 3.1137                      | 0                     | 3.1183                  | 3.1183                        | 0.0046            | 6.57          |
| 7      | Q2930-01   | DA1-1       | WATER  | 1.3 | 700             | 100               | 3.0852                | 3.0852                      | 0                     | 3.0869                  | 3.0869                        | 0.0017            | 2.43          |
| 8      | Q2930-02   | DA1-2       | WATER  | 1.3 | 630             | 100               | 3.0462                | 3.0462                      | 0                     | 3.0467                  | 3.0467                        | 0.0005            | 0.79          |
| 9      | Q2931-01   | DA1-1       | WATER  | 1.3 | 700             | 100               | 3.0751                | 3.0751                      | 0                     | 3.0754                  | 3.0754                        | 0.0003            | 0.43          |
| 10     | Q2935-01   | EFFLUENT    | WATER  | 1.6 | 1000            | 100               | 3.0672                | 3.0672                      | 0                     | 3.0823                  | 3.0823                        | 0.0151            | 15.1          |
| 11     | Q2935-02   | Q2935-01MS  | WATER  | 1.6 | 1000            | 100               | 2.8741                | 2.8741                      | 0                     | 2.9093                  | 2.9093                        | 0.0352            | 35.2          |
| 12     | Q2935-03   | Q2935-01MSD | WATER  | 1.6 | 1000            | 100               | 3.0115                | 3.0115                      | 0                     | 3.0470                  | 3.0470                        | 0.0355            | 35.5          |
| 13     | Q2942-01   | MH-8-22-25  | WATER  | 1.6 | 1000            | 100               | 3.0242                | 3.0242                      | 0                     | 3.0747                  | 3.0747                        | 0.0505            | 50.5          |
| 14     | Q2942-02   | Q2942-01MS  | WATER  | 1.6 | 1000            | 100               | 3.0363                | 3.0363                      | 0                     | 3.1068                  | 3.1068                        | 0.0705            | 70.5          |
| 15     | Q2942-03   | Q2942-01MSD | WATER  | 1.6 | 1000            | 100               | 3.1908                | 3.1908                      | 0                     | 3.2616                  | 3.2616                        | 0.0708            | 70.8          |

QC Batch# LB136941

**Test:** Oil and Grease

**Analysis Date:** 08/25/2025

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3204          |
| pH Paper 0-14  | M6069          |
| Sodium Sulfate | EP2629         |
| 1:1 HCL        | WP112782       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP112783       |
| LCSWD         | NA          | NA             |
| MS/MSD        | 2.5 ML      | WP112784       |

### 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 : 10:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:45

Bal Check Time: 08:10 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 11:00

Out Time1: 10:25

## After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 12:01

1.0000 gram Balance: 1.0003 (0.9950-1.0050) In Time2: 11:30

Bal Check Time: 12:40 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 12:35

Out Time2: 12:00

# WORKLIST(Hardcopy Internal Chain)

136941

WorkList Name : OIL & GREASE Q2935 WorkList ID : 191440 Department : Wet-Chemistry Date : 08-25-2025 07:41:55

| Sample   | Customer Sample | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| Q2929-01 | DA3-SW2         | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2929-02 | DA5-SW3         | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2929-03 | DA5-SW4         | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2929-04 | DA6-SW5         | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2930-01 | DA1-1           | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2930-02 | DA1-2           | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2931-01 | DA1-1           | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | ATGG01   | D21                         | 08/20/2025   | 1664A  |
| Q2935-01 | EFFLUENT        | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | D31                         | 08/21/2025   | 1664A  |
| Q2935-02 | Q2935-01MS      | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | D31                         | 08/21/2025   | 1664A  |
| Q2935-03 | Q2935-01MSD     | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | HOLL01   | D31                         | 08/21/2025   | 1664A  |
| Q2942-01 | MH-8-22-25      | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | EURO03   | D31                         | 08/22/2025   | 1664A  |
| Q2942-02 | Q2942-01MS      | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | EURO03   | D31                         | 08/22/2025   | 1664A  |
| Q2942-03 | Q2942-01MSD     | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | EURO03   | D31                         | 08/22/2025   | 1664A  |

Date/Time 08/25/25 07:50  
 Raw Sample Received by: 80 WOC  
 Raw Sample Relinquished by: JD CSN

Date/Time 08/25/25 14:30  
 Raw Sample Received by: JD CSN  
 Raw Sample Relinquished by: 80 WOC