



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Oil and Grease  
Run Number: LB126362  
Analysis Date: 07/09/2023  
BalanceID: WC SC-6  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: Iwona  
Extraction Date: 07/09/2023  
Extraction IN Time: 07:40  
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      | LB126362BL  | LB126362BL            | WATER  | 1.3 | 1000            | 100               | 3.1584                | 3.1584                      | 0                     | 3.1585                  | 3.1585                        | 0.0001            | 0.1           |
| 2      | LB126362BS  | LB126362BS            | WATER  | 1.3 | 1000            | 100               | 3.0652                | 3.0652                      | 0                     | 3.0818                  | 3.0818                        | 0.0166            | 16.6          |
| 3      | LB126362BSD | LB126362BSD           | WATER  | 1.3 | 1000            | 100               | 3.9874                | 3.9874                      | 0                     | 4.0041                  | 4.0041                        | 0.0167            | 16.7          |
| 4      | O3556-02    | QUARTERLY-INFLUENT    | WATER  | 1.6 | 1000            | 100               | 3.0776                | 3.0776                      | 0                     | 3.0780                  | 3.0780                        | 0.0004            | 0.4           |
| 5      | O3558-02    | BI-WEEKLY-DECANT      | WATER  | 1.6 | 1000            | 100               | 3.0813                | 3.0813                      | 0                     | 3.0817                  | 3.0817                        | 0.0004            | 0.4           |
| 6      | O3560-02    | QUARTERLY-OUTFALL-002 | WATER  | 1.6 | 1000            | 100               | 3.0796                | 3.0796                      | 0                     | 3.0827                  | 3.0827                        | 0.0031            | 3.1           |



QC Batch# LB126362      Test: Oil and Grease      Analysis Date: 07/09/2023

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3034          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2355         |
| 1:1 HCL        | WP101334       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP101332       |
| LCSWD         | 2.5 M L     | WP101333       |
| MS/MSD        | NA          | NA             |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0018</u> | (0.0018-0.0022) | In OVEN TEMP1 : | <u>70 °C</u> | Dessicator Time In1 : | <u>09:41</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | (0.9950-1.0050) | In Time1:       | <u>09:00</u> |                       |              |
| Bal Check Time:      | <u>08:00</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1: | <u>10:20</u> |
|                      |               |                 | Out Time1:      | <u>09:40</u> |                       |              |

## After Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | (0.0018-0.0022) | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2 : | <u>11:31</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | (0.9950-1.0050) | In Time2:       | <u>11:00</u> |                       |              |
| Bal Check Time:      | <u>12:10</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2: | <u>12:05</u> |
|                      |               |                 | Out Time2:      | <u>11:30</u> |                       |              |

# WORKLIST(Hardcopy Internal Chain)

126362

WorkList Name : OIL & GREASE O3556      WorkList ID : 171717      Department : Wet-Chemistry      Date : 07-09-2023 07:31:53

| Sample   | Customer Sample       | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| O3556-02 | QUARTERLY-INFLUENT    | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | INFR01   | I11                         | 07/06/2023   | 1664A  |
| O3558-02 | BI-WEEKLY-DECANT      | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | INFR01   | I11                         | 07/06/2023   | 1664A  |
| O3560-02 | QUARTERLY-OUTFALL-002 | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | INFR01   | I11                         | 07/06/2023   | 1664A  |

07/09/23 07:35

Date/Time  
Raw Sample Received by: JP (WC)  
Raw Sample Relinquished by: CP SM

Date/Time  
Raw Sample Received by: CP SM  
Raw Sample Relinquished by: JP (WC)