



## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB117429

Analysis Date: 11/18/2021

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: apatel

Extraction Date: 11/18/2021

Extraction IN Time: 08:20

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 | 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      | LB117429BL  | LB117429BL           | WATER  | 1.3 | 1000            | 100               | 3.0574            | 3.0574                      | 0                     | 3.0575                  | 3.0575                        | 0.0001            | 0.1           |
| 2      | LB117429BS  | LB117429BS           | WATER  | 1.3 | 1000            | 100               | 3.1639            | 3.1639                      | 0                     | 3.1861                  | 3.1861                        | 0.0222            | 22.2          |
| 3      | LB117429BSD | LB117429BSD          | WATER  | 1.3 | 1000            | 100               | 3.2971            | 3.2971                      | 0                     | 3.3140                  | 3.3140                        | 0.0169            | 16.9          |
| 4      | M4735-01    | SWB-L- (OUTFALL-114) | WATER  | 1.6 | 1000            | 100               | 3.1616            | 3.1616                      | 0                     | 3.1618                  | 3.1618                        | 0.0002            | 0.2           |
| 5      | M4735-02    | SWB-N- (OUTFALL-116) | WATER  | 1.6 | 1000            | 100               | 3.1508            | 3.1508                      | 0                     | 3.1511                  | 3.1511                        | 0.0003            | 0.3           |



QC Batch# LB117429

**Test:** Oil and Grease

**Analysis Date:** 11/18/2021

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2870          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2196         |
| 1:1 HCL        | WP92935        |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP92936        |
| LCSWD         | 2.5 ML      | WP92937        |
| 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 10:01

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time1: 09:20

|                 |       |                       |                      |       |
|-----------------|-------|-----------------------|----------------------|-------|
| Bal Check Time: | 08:30 | Out OVEN TEMP1: 70 °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 : 71 °C Dessicator Time In2 11:31

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In Time2:      11:00
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1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time2: 11:00

Out OVEN TEMP2: 71 °C      Dessicator Time Out2      12:10

Bal Check Time: 12:35

Out Time2: 11:30

VB 11/14/21

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OIL & GREASE M4735      WorkList ID : 154450      Department : Wet-Chemistry      Date : 11-18-2021 08:11:58

| Due Date   | Matrix | Sample   | Test           | Preservative  | Customer | Raw Sample Storage Location | Customer Sample     | Collect Date | Method |
|------------|--------|----------|----------------|---------------|----------|-----------------------------|---------------------|--------------|--------|
| 11/30/2021 | Water  | M4735-01 | Oil and Grease | Conc H2SO4 1c | INFR01   | D32                         | SWB-L-(OUTFALL-114) | 11/12/2021   | 1664A  |
| 11/30/2021 | Water  | M4735-02 | Oil and Grease | Conc H2SO4 1c | INFR01   | D32                         | SWB-N-(OUTFALL-116) | 11/12/2021   | 1664A  |

Date/Time 11/18/21 08:15  
Raw Sample Received by: JP/OC  
Raw Sample Relinquished by: CP SM

Date/Time 11/18/21 10:30  
Raw Sample Received by: CP SM  
Raw Sample Relinquished by: JP/OC