



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Oil and Grease  
Run Number: LB123495  
Analysis Date: 12/29/2022  
BalanceID: WC SC-6  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: Iwona  
Extraction Date: 12/29/2022  
Extraction IN Time: 14:15  
Extraction OUT Time: 14:55  
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      | LB123495BL | LB123495BL  | WATER  | 1.3 | 1000            | 100               | 3.0569                | 3.0569                      | 0                     | 3.0570                  | 3.0570                        | 0.0001            | 0.1           |
| 2      | LB123495BS | LB123495BS  | WATER  | 1.3 | 1000            | 100               | 3.1475                | 3.1475                      | 0                     | 3.1646                  | 3.1646                        | 0.0171            | 17.1          |
| 3      | N6226-01   | TWP01       | WATER  | 1.3 | 1000            | 100               | 3.0714                | 3.0714                      | 0                     | 3.0716                  | 3.0716                        | 0.0002            | 0.2           |
| 4      | N6226-02   | TWP02       | WATER  | 1.3 | 1000            | 100               | 3.0346                | 3.0346                      | 0                     | 3.0350                  | 3.0350                        | 0.0004            | 0.4           |
| 5      | N6236-01   | EFFLUENT    | WATER  | 1.6 | 1000            | 100               | 2.9650                | 2.9650                      | 0                     | 2.9712                  | 2.9712                        | 0.0062            | 6.2           |
| 6      | N6236-02   | N6236-02MS  | WATER  | 1.6 | 1000            | 100               | 2.9907                | 2.9907                      | 0                     | 3.0167                  | 3.0167                        | 0.0260            | 26            |
| 7      | N6236-03   | N6236-02MSD | WATER  | 1.6 | 1000            | 100               | 3.0254                | 3.0254                      | 0                     | 3.0510                  | 3.0510                        | 0.0256            | 25.6          |



QC Batch# LB123495

**Test:** Oil and Grease

**Analysis Date:** 12/29/2022

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2969          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2279         |
| 1:1 HCL        | WP10035        |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP100036       |
| LCSWD         | 2.5 ML      | WP100037       |
| 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 : 16:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 15:30

Bal Check Time: 14:30 Out OVEN TEMP1: 70 °C Dessicator Time Out1: 17:00

Out Time1: 16:25

## After Analysis

0.0020 gram Balance: 0.002 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 18:01

1.0000 gram Balance: 1.0003 (0.9950-1.0050) In Time2: 17:30

Bal Check Time: 18:37 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 18:35

Out Time2: 18:00

# WORKLIST(Hardcopy Internal Chain)

VB 123495  
VB 123495

WorkList Name : OIL & GREASE N6236      WorkList ID : 166231      Department : Wet-Chemistry      Date : 12-29-2022 14:00:00

| Due Date   | Matrix | Sample   | Test           | Preservative  | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|----------------|---------------|----------|-----------------------------|-----------------|--------------|--------|
| 01/10/2023 | Water  | N6226-01 | Oil and Grease | Conc H2SO4 tr | loui01   | N21                         | TWP01           | 12/28/2022   | 1664A  |
| 01/10/2023 | Water  | N6226-02 | Oil and Grease | Conc H2SO4 tr | loui01   | N21                         | TWP02           | 12/28/2022   | 1664A  |
| 01/05/2023 | Water  | N6236-01 | Oil and Grease | Conc H2SO4 tr | HOLL01   | N11                         | EFFLUENT        | 12/29/2022   | 1664A  |
| 01/05/2023 | Water  | N6236-02 | Oil and Grease | Conc H2SO4 tr | HOLL01   | N11                         | N6236-02MS      | 12/29/2022   | 1664A  |
| 01/05/2023 | Water  | N6236-03 | Oil and Grease | Conc H2SO4 tr | HOLL01   | N11                         | N6236-02MSD     | 12/29/2022   | 1664A  |

Date/Time 12-29-22 14:10  
Raw Sample Received by: JPL (WOC)  
Raw Sample Relinquished by: JPL (WOC)

Date/Time 12-29-22 17:30  
Raw Sample Received by: JPL (WOC)  
Raw Sample Relinquished by: JPL (WOC)