



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Oil and Grease  
Run Number: LB123435  
Analysis Date: 12/22/2022  
BalanceID: WC SC-6  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: Iwona  
Extraction Date: 12/22/2022  
Extraction IN Time: 10:10  
Extraction OUT Time: 10:30  
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      | LB123435BL  | LB123435BL             | WATER  | 1.3 | 1000            | 100               | 3.0518                | 3.0518                      | 0                     | 3.0519                  | 3.0519                        | 0.0001            | 0.1           |
| 2      | LB123435BS  | LB123435BS             | WATER  | 1.3 | 1000            | 100               | 2.9564                | 2.9564                      | 0                     | 2.9734                  | 2.9734                        | 0.0170            | 17            |
| 3      | LB123435BSD | LB123435BSD            | WATER  | 1.3 | 1000            | 100               | 3.0584                | 3.0584                      | 0                     | 3.0757                  | 3.0757                        | 0.0173            | 17.3          |
| 4      | N4955-07    | LOD-MDL-WATER-01-QT4-2 | WATER  | 1.3 | 1000            | 100               | 3.0978                | 3.0978                      | 0                     | 3.0997                  | 3.0997                        | 0.0019            | 1.9           |
| 5      | N4955-08    | LOQ-WATER-02-QT4-2022  | WATER  | 1.3 | 1000            | 100               | 2.9007                | 2.9007                      | 0                     | 2.9063                  | 2.9063                        | 0.0056            | 5.6           |



QC Batch# LB123435      Test: Oil and Grease      Analysis Date: 12/22/2022

### 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: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 : 11:01

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:45

Bal Check Time: 10:15 Out OVEN TEMP1: 70 °C Dessicator Time Out1: 11:38

Out Time1: 11:00

## After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 12:31

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:00

Bal Check Time: 13:10 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 13:00

Out Time2: 12:30

# WORKLIST(Hardcopy Internal Chain)

12123435

WorkList Name : OIL & GREASE N4955 w      WorkList ID : 166130      Department : Wet-Chemistry      Date : 12-22-2022 08:29:43

| Due Date   | Matrix | Sample   | Test           | Preservative  | Customer | Raw Sample Storage Location | Customer Sample           | Collect Date | Method |
|------------|--------|----------|----------------|---------------|----------|-----------------------------|---------------------------|--------------|--------|
| 10/24/2022 | Water  | N4955-07 | Oil and Grease | Conc H2SO4 to | CHEM02   | QA Of                       | LOD-MDL-WATER-01-QT4-2022 | 10/03/2022   | 1664A  |
| 10/24/2022 | Water  | N4955-08 | Oil and Grease | Conc H2SO4 to | CHEM02   | QA Of                       | LOQ-WATER-02-QT4-2022     | 10/03/2022   | 1664A  |

Date/Time 12.22.22 10:00  
 Raw Sample Received by: 20 (W5)  
 Raw Sample Relinquished by: 20 (W5)

Date/Time 12.22.22 14:00  
 Raw Sample Received by: 20 (W5)  
 Raw Sample Relinquished by: 20 (W5)