



## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB117971

Analysis Date: 12/27/2021

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: apatel

Extraction Date: 12/27/2021

Extraction IN Time: 10:15

Extraction OUT Time: 10:45

Thermometer ID: EXT OVEN#3

| Dish # | Lab ID      | Client ID    | Matrix | pH | Sample Weight (g) | 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      | LB117971BL  | LB117971BL   | SOLID  |    | 20.03             | 100               | 2.7436            | 2.7436                      | 0                     | 2.7437                  | 2.7437                        | 0.0001            | 4.99          |
| 2      | LB117971BS  | LB117971BS   | SOLID  |    | 20.04             | 100               | 2.8907            | 2.8907                      | 0                     | 2.8923                  | 2.8923                        | 0.0016            | 79.84         |
| 3      | M5208-01    | WP-SOIL-1    | SOLID  |    | 20.03             | 100               | 2.9382            | 2.9382                      | 0                     | 2.9478                  | 2.9478                        | 0.0096            | 479.28        |
| 4      | M5208-01DUP | WP-SOIL-1DUP | SOLID  |    | 20.02             | 100               | 3.0022            | 3.0022                      | 0                     | 3.0119                  | 3.0119                        | 0.0097            | 484.52        |
| 5      | M5208-01MS  | WP-SOIL-1    | SOLID  |    | 20.03             | 100               | 3.0482            | 3.0482                      | 0                     | 3.0604                  | 3.0604                        | 0.0122            | 609.09        |
| 6      | M5208-01MSD | WP-SOIL-1    | SOLID  |    | 20.04             | 100               | 2.8349            | 2.8349                      | 0                     | 2.8471                  | 2.8471                        | 0.0122            | 608.78        |



QC Batch# LB117971      Test: Oil and Grease      Analysis Date: 12/27/2021

Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2870          |
| pH Paper 0-14  | NA             |
| Sodium Sulfate | EP2206         |
| 1:1 HCL        | NA             |
| Silica Gel     | NA             |
| Sand           | E2865          |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSS          | 1.00 ML     | WP92938        |
| LCSSD         | NA          | NA             |
| MS/MSD        | 1.00 ML     | WP92939        |

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  | 12:25 |
| 1.0000 gram Balance: | 1.0004 | (0.9950-1.0050) | In Time1:       | 11:15 |                      |       |
| Bal Check Time:      | 10:30  |                 | Out OVEN TEMP1: | 70 °C | Dessicator Time Out1 | 12:26 |
|                      |        |                 | Out Time1       | 11:45 |                      |       |

## 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>13:31</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | (0.9950-1.0050) | In Time2:       | <u>13:00</u> |                      |              |
| Bal Check Time:      | <u>14:45</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>14:10</u> |
|                      |               |                 | Out Time2:      | <u>13:30</u> |                      |              |

WP 117971

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : oil & grese m5208      WorkList ID : 15551      Department : Wet-Chemistry      Date : 12-27-2021 10:03:18

| Due Date   | Matrix | Sample   | Test           | Preservative | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|----------------|--------------|----------|-----------------------------|-----------------|--------------|--------|
| 12/29/2021 | Solid  | M5208-01 | Oil and Grease | Cool 4 deg C | NOB03    | H61                         | WP-SOIL-1       | 12/21/2021   | 1664A  |

Date/Time 12/27/21 10:10  
 Raw Sample Received by: JP (WC)  
 Raw Sample Relinquished by: cl sm

Date/Time 12/27/21 13:30  
 Raw Sample Received by: cl sm  
 Raw Sample Relinquished by: JP (WC)