



## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB109880

Analysis Date: 07/07/2020

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: apatel

Extraction Date: 07/07/2020

Extraction IN Time: 08:05

Extraction OUT Time: 08:38

| 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      | LB109880BL | LB109880BL  | WATER  | 1.3 | 1000            | 100               | 3.1527            | 3.1527                      | 0                     | 3.1527                  | 3.1527                        | 0.0000            | 0             |
| 2      | LB109880BS | LB109880BS  | WATER  | 1.3 | 1000            | 100               | 3.0233            | 3.0233                      | 0                     | 3.0421                  | 3.0421                        | 0.0188            | 18.8          |
| 3      | L3219-04   | FE-19B      | WATER  | 1.3 | 1000            | 100               | 3.0277            | 3.0277                      | 0                     | 3.0284                  | 3.0284                        | 0.0007            | 0.7           |
| 4      | L3219-05   | L3219-04MS  | WATER  | 1.3 | 1000            | 100               | 2.9647            | 2.9647                      | 0                     | 2.9853                  | 2.9853                        | 0.0206            | 20.6          |
| 5      | L3219-06   | L3219-04MSD | WATER  | 1.3 | 1000            | 100               | 3.0147            | 3.0147                      | 0                     | 3.0351                  | 3.0351                        | 0.0204            | 20.4          |



QC Batch# LB109880      Test: Oil and Grease      Analysis Date: 07/07/2020

**Chemicals Used:**

| Chemical Name       | Chemical Lot # |
|---------------------|----------------|
| HEXANE              | W2717          |
| PH STRIPS BOX-0.2.5 | M4462          |
| Sodium Sulfate      | EP2062         |
| 1:1 HCL             | WP859192       |
| Silica Gel          | NA             |
| Sand                | NA             |

**Standards Used:**

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 5.00 ML     | WP85193        |
| LCSWD         | NA          | NA             |
| MS/MSD        | 5.00 ML     | WP85194        |

**BALANCE CALIBRATION / OVEN Dessicator Data**

Analytical Balance ID # : WC SC-3

Before Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0019</u> | In OVEN TEMP1 : | <u>70 °C</u> | Dessicator Time In1  | <u>10:40</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | In Time1:       | <u>09:15</u> |                      |              |
| Bal Check Time:      | <u>08:25</u>  | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>10:41</u> |
|                      |               | Out Time1       | <u>10:10</u> |                      |              |

After Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2  | <u>11:46</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | In Time2:       | <u>11:15</u> |                      |              |
| Bal Check Time:      | <u>12:40</u>  | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>12:15</u> |
|                      |               | Out Time2:      | <u>11:45</u> |                      |              |

# WORKLIST(Hardcopy Internal Chain)

109880

WorkList Name: o & g 13219 WorkList ID: 140189 Department: Wet-Chemistry Date: 07-07-2020 07:52:35

| Due Date   | Matrix | Sample   | Test           | Preservative  | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|----------------|---------------|----------|------------------|-----------------|--------------|--------|
| 07/13/2020 | Water  | L3219-04 | Oil and Grease | Conc H2SO4 tr | M&MM01   | P41              | FE-19B          | 07/06/2020   | 1664A  |
| 07/13/2020 | Water  | L3219-05 | Oil and Grease | Conc H2SO4 tr | M&MM01   | P41              | L3219-04MS      | 07/06/2020   | 1664A  |
| 07/13/2020 | Water  | L3219-06 | Oil and Grease | Conc H2SO4 tr | M&MM01   | P41              | L3219-04MSD     | 07/06/2020   | 1664A  |

Date/Time 07/07/2020 8:00  
 Received by: Jo (Wet)  
 Relinquished by: Jo (Wet)

Date/Time 07/07/2020 10:00  
 Received by: Jo (Wet)  
 Relinquished by: Jo (Wet)