



## Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB108981

Analysis Date: 05/04/2020

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: apatel

Extraction Date: 05/04/2020

Extraction IN Time: 07:25

Extraction OUT Time: 07:42

| 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      | LB108981BL  | LB108981BL             | SOLID  |    | 20.03             | 100               | 2.9647            | 2.9647                      | 0                     | 2.9647                  | 2.9647                        | 0.0000            | 0             |
| 2      | LB108981BS  | LB108981BS             | SOLID  |    | 20.02             | 100               | 2.7436            | 2.7436                      | 0                     | 2.7455                  | 2.7455                        | 0.0019            | 94.91         |
| 3      | LB108981BSD | LB108981BSD            | SOLID  |    | 20.01             | 100               | 2.8688            | 2.8688                      | 0                     | 2.8706                  | 2.8706                        | 0.0018            | 89.96         |
| 4      | L2182-03    | MDL-SOIL-03-QT2-2020   | SOLID  |    | 20.04             | 100               | 3.0498            | 3.0498                      | 0                     | 3.0500                  | 3.0500                        | 0.0002            | 9.98          |
| 5      | L2447-10    | PT-OGR-SOIL            | SOLID  |    | 20.03             | 100               | 2.9576            | 2.9576                      | 0                     | 2.9978                  | 2.9978                        | 0.0402            | 2006.99       |
| 6      | L2463-13    | AOC3-FORM-U-SUPPLEMENT | SOLID  |    | 20.04             | 100               | 2.9468            | 2.9468                      | 0                     | 2.9602                  | 2.9602                        | 0.0134            | 668.66        |
| 7      | L2463-13DUP | AOC3-FORM-U-SUPPLEMENT | SOLID  |    | 20.03             | 100               | 2.9965            | 2.9965                      | 0                     | 3.0122                  | 3.0122                        | 0.0157            | 783.82        |
| 8      | L2463-13MS  | AOC3-FORM-U-SUPPLEMENT | SOLID  |    | 20.05             | 100               | 3.0348            | 3.0348                      | 0                     | 3.0559                  | 3.0559                        | 0.0211            | 1052.37       |
| 9      | L2463-13MSD | AOC3-FORM-U-SUPPLEMENT | SOLID  |    | 20.04             | 100               | 3.0523            | 3.0523                      | 0                     | 3.0750                  | 3.0750                        | 0.0227            | 1132.73       |



QC Batch# LB108981      Test: Oil and Grease      Analysis Date: 05/04/2020

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2693          |
| pH Paper 0-14  | NA             |
| Sodium Sulfate | EP2046         |
| 1:1 HCL        | NA             |
| Silica Gel     | NA             |
| Sand           | E2191          |

**Standards Used:**

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSS          | 1.00 ML     | WP80896        |
| LCSSD         | 1.00 ML     | WP80896        |
| MS/MSD        | 1.00 ML     | WO80896        |

**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>09:36</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | In Time1:       | <u>08:30</u> |                      |              |
| Bal Check Time:      | <u>07:35</u>  | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>10:15</u> |
|                      |               | Out Time1       | <u>09:32</u> |                      |              |

After Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2  | <u>11:16</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | In Time2:       | <u>10:40</u> |                      |              |
| Bal Check Time:      | <u>12:30</u>  | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>11:50</u> |
|                      |               | Out Time2:      | <u>11:15</u> |                      |              |

# WORKLIST(Hardcopy Internal Chain)

LB108981

WorkList Name : O & G L2463      WorkList ID : 138405      Department : Wet-Chemistry      Date : 05-04-2020 7:15:22

| Due Date   | Matrix | Sample     | Test           | Preservative | Customer | Storage Location | Customer Sample       | Collect Date | Method |
|------------|--------|------------|----------------|--------------|----------|------------------|-----------------------|--------------|--------|
| 04/27/2020 | Solid  | L2182-03   | Oil and Grease | Cool 4 deg C | CHEM02   | QA Office        | MDL-SOIL-03-QT2-2020  | 04/07/2020   | 9071B  |
| 05/07/2020 | Solid  | L2463-13-B | Oil and Grease | Cool 4 deg C | TULL02   | K31              | AOC3-FORM-U-SUPPLEMEN | 04/30/2020   | 9071B  |

Date/Time 05/04/2020 7:20  
 Received by: Jn  
 Relinquished by: KS

Date/Time 05/04/2020 11:00  
 Received by: KS  
 Relinquished by: Jn