



## Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB113040

Analysis Date: 02/05/2021

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: ketankumar

REVIEWED BY: apatel

Extraction Date: 02/05/2021

Extraction IN Time: 08:25

Extraction OUT Time: 09:30

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      | LB113040BL  | LB113040BL | SOLID  |    | 20.01             | 100               | 3.0102            | 3.0102                      | 0                     | 3.0102                  | 3.0102                        | 0.0000            | 0             |
| 2      | LB113040BS  | LB113040BS | SOLID  |    | 20                | 100               | 3.0112            | 3.0112                      | 0                     | 3.0131                  | 3.0131                        | 0.0019            | 95            |
| 3      | M1293-01    | TEST-PIT-4 | SOLID  |    | 20.02             | 100               | 3.0015            | 3.0015                      | 0                     | 3.0213                  | 3.0213                        | 0.0198            | 989.01        |
| 4      | M1293-01MS  | TEST-PIT-4 | SOLID  |    | 20.01             | 100               | 2.9377            | 2.9377                      | 0                     | 2.9585                  | 2.9585                        | 0.0208            | 1039.48       |
| 5      | M1293-01MSD | TEST-PIT-4 | SOLID  |    | 20.03             | 100               | 3.1002            | 3.1002                      | 0                     | 3.1211                  | 3.1211                        | 0.0209            | 1043.43       |



**QC Batch#** LB113040      **Test:** Oil and Grease      **Analysis Date:** 02/05/2021

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2765          |
| pH Paper 0-14  | NA             |
| Sodium Sulfate | EP2114         |
| 1:1 HCL        | NA             |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSS          | 1           | WP88885        |
| LCSSD         |             |                |
| MS/MSD        | 1           | WP88739        |

## BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-3

## Before Analysis

|                      |               |                 |                 |              |                      |              |
|----------------------|---------------|-----------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | (0.0018-0.0022) | In OVEN TEMP1 : | <u>71 °C</u> | Dessicator Time In1  | <u>10:56</u> |
| 1.0000 gram Balance: | <u>1.0001</u> | (0.9950-1.0050) | In Time1:       | <u>10:20</u> |                      |              |
| Bal Check Time:      | <u>08:40</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>11:30</u> |
|                      |               |                 | Out Time1       | 10:55        |                      |              |

### After Analysis

|                      |               |                 |                 |              |                      |              |
|----------------------|---------------|-----------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.002</u>  | (0.0018-0.0022) | In OVEN TEMP2 : | <u>70 °C</u> | Dessicator Time In2  | <u>12:26</u> |
| 1.0000 gram Balance: | <u>1.0002</u> | (0.9950-1.0050) | In Time2:       | <u>11:45</u> |                      |              |
| Bal Check Time:      | <u>13:20</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>13:00</u> |
|                      |               |                 | Out Time2:      | <u>12:25</u> |                      |              |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : OG020521      WorkList ID : 146188      Department : Wet-Chemistry      Date : 02-05-2021 08:01:06

| Due Date   | Matrix | Sample   | Test           | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|----------------|--------------|----------|------------------|-----------------|--------------|--------|
| 02/05/2021 | Solid  | M1293-01 | Oil and Grease | Cool 4 deg C | TULL02   | G41              | TEST-PIT-4      | 01/29/2021   | 9071B  |

Date/Time 2/5/21 8:15  
 Received by: [Signature]  
 Relinquished by: CP (SMG)

Date/Time 2/5/21 12:30  
 Received by: CP (SMG)  
 Relinquished by: [Signature]