



## Extraction and Analytical Summary Report

Analysis Method: 9071B  
Test: Oil and Grease  
Run Number: LB127581  
Analysis Date: 10/03/2023  
BalanceID: WC SC-6  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: Iwona  
Extraction Date: 10/03/2023  
Extraction IN Time: 08:15  
Extraction OUT Time: 09:00  
Thermometer ID: EXT OVEN#3

| Dish # | Lab ID      | Client ID   | Matrix | pH | Sample Weight (g) | 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      | LB127581BL  | LB127581BL  | SOLID  |    | 20.02             | 100               | 3.0147                | 3.0147                      | 0                     | 3.0148                  | 3.0148                        | 0.0001            | 5             |
| 2      | LB127581BS  | LB127581BS  | SOLID  |    | 20.01             | 100               | 3.1485                | 3.1485                      | 0                     | 3.1504                  | 3.1504                        | 0.0019            | 94.95         |
| 3      | O4651-03    | SP1-COMP    | SOLID  |    | 20.03             | 100               | 2.9926                | 2.9926                      | 0                     | 3.0017                  | 3.0017                        | 0.0091            | 454.32        |
| 4      | O4651-03DUP | SP1-COMPDUP | SOLID  |    | 20.02             | 100               | 2.9491                | 2.9491                      | 0                     | 2.9588                  | 2.9588                        | 0.0097            | 484.52        |
| 5      | O4651-03MS  | SP1-COMP    | SOLID  |    | 20.03             | 100               | 3.0228                | 3.0228                      | 0                     | 3.0320                  | 3.0320                        | 0.0092            | 459.31        |
| 6      | O4651-03MSD | SP1-COMP    | SOLID  |    | 20.04             | 100               | 3.0639                | 3.0639                      | 0                     | 3.0731                  | 3.0731                        | 0.0092            | 459.08        |
| 7      | O4652-03    | IS1-COMP    | SOLID  |    | 20.03             | 100               | 2.9724                | 2.9724                      | 0                     | 2.9831                  | 2.9831                        | 0.0107            | 534.2         |
| 8      | O4652-06    | IS2-COMP    | SOLID  |    | 20.04             | 100               | 2.9974                | 2.9974                      | 0                     | 3.0105                  | 3.0105                        | 0.0131            | 653.69        |
| 9      | O4652-09    | IS3-COMP    | SOLID  |    | 20.03             | 100               | 2.9879                | 2.9879                      | 0                     | 2.9954                  | 2.9954                        | 0.0075            | 374.44        |
| 10     | O4652-12    | IS4-COMP    | SOLID  |    | 20.04             | 100               | 3.0351                | 3.0351                      | 0                     | 3.0411                  | 3.0411                        | 0.0060            | 299.4         |
| 11     | O4652-15    | IS5-COMP    | SOLID  |    | 20.03             | 100               | 3.0183                | 3.0183                      | 0                     | 3.0287                  | 3.0287                        | 0.0104            | 519.22        |
| 12     | O4652-18    | IS6-COMP    | SOLID  |    | 20.04             | 100               | 3.0611                | 3.0611                      | 0                     | 3.0662                  | 3.0662                        | 0.0051            | 254.49        |



**QC Batch#** LB127581      **Test:** Oil and Grease      **Analysis Date:** 10/03/2023

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3042          |
| pH Paper 0-14  | NA             |
| Sodium Sulfate | EP2391         |
| 1:1 HCL        | NA             |
| Silica Gel     | NA             |
| Sand           | E2865          |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSS          | 1.00 ML     | WP103214       |
| LCSSD         | NA          | NA             |
| MS/MSD        | 1.00 ML     | WP103215       |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0019</u> | (0.0018-0.0022) | In OVEN TEMP1 : | <u>70 °C</u> | Dessicator Time In1 : | <u>10:31</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | (0.9950-1.0050) | In Time1:       | <u>09:45</u> |                       |              |
| Bal Check Time:      | <u>08:30</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1: | <u>11:10</u> |
|                      |               |                 | Out Time1:      | <u>10:30</u> |                       |              |

## 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>12:26</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | (0.9950-1.0050) | In Time2:       | <u>11:40</u> |                       |              |
| Bal Check Time:      | <u>13:10</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 : OIL & GREASE O4651 S

WorkList ID : 174174

Department : Wet-Chemistry

Date : 10-03-2023 08:05:11

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------|
| O4651-03 | SP1-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | E41                         | 09/27/2023   | 9071B  |
| O4652-03 | IS1-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |
| O4652-06 | IS2-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |
| O4652-09 | IS3-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |
| O4652-12 | IS4-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |
| O4652-15 | IS5-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |
| O4652-18 | IS6-COMP        | Solid  | Oil and Grease | Cool 4 deg C | EART12   | D31                         | 09/27/2023   | 9071B  |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/03/23 08:10

10/03/23

10/03/23

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/03/2023 13:00

10/03/2023

10/03/2023