



## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB110594

Analysis Date: 08/19/2020

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: apatel

Extraction Date: 08/19/2020

Extraction IN Time: 08:20

Extraction OUT Time: 08:40

| 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      | LB110594BL | LB110594BL  | WATER  | 1.3 | 1000            | 100               | 2.8547            | 2.8547                      | 0                     | 2.8547                  | 2.8547                        | 0.0000            | 0             |
| 2      | LB110594BS | LB110594BS  | WATER  | 1.3 | 1000            | 100               | 2.9633            | 2.9633                      | 0                     | 2.9821                  | 2.9821                        | 0.0188            | 18.8          |
| 3      | L3723-01   | MANHOLE     | WATER  | 1.6 | 1000            | 100               | 2.9519            | 2.9519                      | 0                     | 2.9538                  | 2.9538                        | 0.0019            | 1.9           |
| 4      | L3723-02   | L3723-01MS  | WATER  | 1.6 | 1000            | 100               | 2.7856            | 2.7856                      | 0                     | 2.8074                  | 2.8074                        | 0.0218            | 21.8          |
| 5      | L3723-03   | L3723-01MSD | WATER  | 1.6 | 1000            | 100               | 2.9677            | 2.9677                      | 0                     | 2.9894                  | 2.9894                        | 0.0217            | 21.7          |



QC Batch# LB110594      Test: Oil and Grease      Analysis Date: 08/19/2020

**Chemicals Used:**

| Chemical Name       | Chemical Lot # |
|---------------------|----------------|
| HEXANE              | W2717          |
| PH STRIPS BOX-0.2.5 | M4588          |
| Sodium Sulfate      | EP2077         |
| 1:1 HCL             | WP85192        |
| 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>10:16</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | In Time1:       | <u>09:15</u> |                      |              |
| Bal Check Time:      | <u>08:30</u>  | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>10:40</u> |
|                      |               | Out Time1       | <u>10:15</u> |                      |              |

After Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2  | <u>12:00</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | In Time2:       | <u>11:15</u> |                      |              |
| Bal Check Time:      | <u>13:00</u>  | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>12:30</u> |
|                      |               | Out Time2:      | <u>11:53</u> |                      |              |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : O & G 3723      WorkList ID : 141596      Department : Wet-Chemistry      Date : 08-19-2020 08:10:04

| Due Date   | Matrix | Sample   | Test           | Preservative  | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|----------------|---------------|----------|------------------|-----------------|--------------|--------|
| 08/31/2020 | Water  | L3723-01 | Oil and Grease | Conc H2SO4 4c | SPEC01   | K41              | MANHOLE         | 08/18/2020   | 1664A  |
| 08/31/2020 | Water  | L3723-02 | Oil and Grease | Conc H2SO4 4c | SPEC01   | K41              | L3723-01MS      | 08/18/2020   | 1664A  |
| 08/31/2020 | Water  | L3723-03 | Oil and Grease | Conc H2SO4 4c | SPEC01   | K41              | L3723-01MSD     | 08/18/2020   | 1664A  |

Date/Time 08/19/2020 8:15  
 Received by: J. (WLT-Only)  
 Relinquished by: J. (WLT-Only)

Date/Time 08/19/2020 10:00  
 Received by: J. (WLT-Only)  
 Relinquished by: J. (WLT-Only)