



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: ASTM Oil and Greas  
Run Number: LB110811  
Analysis Date: 09/03/2020  
BalanceID: WC SC-3  
OvenID: EXT OVEN-3

ANALYST: JIGNESH  
REVIEWED BY: apatel  
Extraction Date: 09/03/2020  
Extraction IN Time: 11:40  
Extraction OUT Time: 12:10

| 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      | LB110811BL  | LB110811BL    | WATER  | 1.3 | 1000              | 100               | 2.8614            | 2.8614                      | 0                     | 2.8614                  | 2.8614                        | 0.0000            | 0             |
| 2      | LB110811BS  | LB110811BS    | WATER  | 1.3 | 1000              | 100               | 2.9334            | 2.9334                      | 0                     | 2.9514                  | 2.9514                        | 0.0180            | 18            |
| 3      | LB110811BSD | LB110811BSD   | WATER  | 1.3 | 1000              | 100               | 2.8101            | 2.8101                      | 0                     | 2.8293                  | 2.8293                        | 0.0192            | 19.2          |
| 4      | L3887-03    | CONCRETE-PILE | WATER  | 1.6 | 1000              | 100               | 2.9739            | 2.9739                      | 0                     | 2.9742                  | 2.9742                        | 0.0003            | 0.3           |



QC Batch# LB110811      Test: ASTM Oil and G      Analysis Date: 09/03/2020

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2717          |
| pH Paper 0-14  | 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         | 5.00 ML     | WP85194        |
| MS/MSD        | NA          | NA             |

**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>13:22</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | In Time1:       | <u>12:30</u> |                      |              |
| Bal Check Time:      | <u>11:50</u>  | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>14:00</u> |
|                      |               | Out Time1       | <u>13:20</u> |                      |              |

After Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2  | <u>14:46</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | In Time2:       | <u>14:20</u> |                      |              |
| Bal Check Time:      | <u>15:40</u>  | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>15:15</u> |
|                      |               | Out Time2:      | <u>14:45</u> |                      |              |

WB 110811

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : ASTM OIL & GREASE L: WorkList ID : 142046 Department : Wet-Chemistry Date : 09-03-2020 11:30:17

| Due Date   | Matrix | Sample   | Test                | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|---------------------|--------------|----------|------------------|-----------------|--------------|--------|
| 09/07/2020 | Solid  | L3887-03 | ASTM Oil and Grease | Cool 4 deg C | PSEG01   | M13              | CONCRETE-PILE   | 09/02/2020   | 1664A  |

Date/Time 09/03/2020 11:32  
 Received by: JA [Signature]  
 Relinquished by: JA [Signature]

Date/Time 09-03-2020 16:00  
 Received by: JA [Signature]  
 Relinquished by: JA [Signature]