



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: ASTM Oil and Greas  
Run Number: LB111455  
Analysis Date: 10/13/2020  
BalanceID: WC SC-3  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: apatel  
Extraction Date: 10/13/2020  
Extraction IN Time: 07:20  
Extraction OUT Time: 07:40

| 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      | LB111455BL  | LB111455BL   | WATER  | 1.3 | 1000              | 100               | 2.4138            | 2.4138                      | 0                     | 2.4138                  | 2.4138                        | 0.0000            | 0             |
| 2      | LB111455BS  | LB111455BS   | WATER  | 1.3 | 1000              | 100               | 3.1057            | 3.1057                      | 0                     | 3.1247                  | 3.1247                        | 0.0190            | 19            |
| 3      | LB111455BSD | LB111455BSD  | WATER  | 1.3 | 1000              | 100               | 3.1526            | 3.1526                      | 0                     | 3.1718                  | 3.1718                        | 0.0192            | 19.2          |
| 4      | L4333-03    | OH-WC-J6-3-6 | WATER  | 1.3 | 1000              | 100               | 2.9626            | 2.9626                      | 0                     | 2.9627                  | 2.9627                        | 0.0001            | 0.1           |
| 5      | L4333-07    | OH-WC-C-J4   | WATER  | 1.3 | 1000              | 100               | 3.0141            | 3.0141                      | 0                     | 3.0143                  | 3.0143                        | 0.0002            | 0.2           |
| 6      | L4333-10    | OH-WC-C-G2   | WATER  | 1.3 | 1000              | 100               | 3.0428            | 3.0428                      | 0                     | 3.0431                  | 3.0431                        | 0.0003            | 0.3           |
| 7      | L4333-13    | OH-WC-C-C1   | WATER  | 1.3 | 1000              | 100               | 2.8794            | 2.8794                      | 0                     | 2.8797                  | 2.8797                        | 0.0003            | 0.3           |
| 8      | L4333-16    | OH-WC-C-D4   | WATER  | 1.3 | 1000              | 100               | 2.9562            | 2.9562                      | 0                     | 2.9563                  | 2.9563                        | 0.0001            | 0.1           |



QC Batch# LB111455      Test: ASTM Oil and G      Analysis Date: 10/13/2020

**Chemicals Used:**

| Chemical Name       | Chemical Lot # |
|---------------------|----------------|
| HEXANE              | W2749          |
| PH STRIPS BOX-0.2.5 | M4588          |
| Sodium Sulfate      | EP2088         |
| 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>09:16</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | In Time1:       | <u>08:15</u> |                      |              |
| Bal Check Time:      | <u>07:30</u>  | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1 | <u>09:40</u> |
|                      |               | Out Time1       | <u>09:15</u> |                      |              |

After Analysis

|                      |               |                 |              |                      |              |
|----------------------|---------------|-----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2  | <u>12:15</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | In Time2:       | <u>10:15</u> |                      |              |
| Bal Check Time:      | <u>12:40</u>  | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2 | <u>12:16</u> |
|                      |               | Out Time2:      | <u>11:42</u> |                      |              |

111455

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : ASTM OIL & GREASE L<sup>4</sup>

WorkList ID : 143219

Department : Wet-Chemistry

Date : 10-13-2020 7:10:07

| Due Date   | Matrix | Sample   | Test                | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|---------------------|--------------|----------|------------------|-----------------|--------------|--------|
| 10/15/2020 | Solid  | L4333-03 | ASTM Oil and Grease | Cool 4 deg C | ENTA05   | O51              | OH-WC-J6-3-6    | 10/08/2020   | 1664A  |
| 10/15/2020 | Solid  | L4333-07 | ASTM Oil and Grease | Cool 4 deg C | ENTA05   | O51              | OH-WC-C-J4      | 10/08/2020   | 1664A  |
| 10/15/2020 | Solid  | L4333-10 | ASTM Oil and Grease | Cool 4 deg C | ENTA05   | O51              | OH-WC-C-G2      | 10/08/2020   | 1664A  |
| 10/15/2020 | Solid  | L4333-13 | ASTM Oil and Grease | Cool 4 deg C | ENTA05   | O51              | OH-WC-C-C1      | 10/08/2020   | 1664A  |
| 10/15/2020 | Solid  | L4333-16 | ASTM Oil and Grease | Cool 4 deg C | ENTA05   | O51              | OH-WC-C-D4      | 10/08/2020   | 1664A  |

Date/Time 10-13-2020 7:11:55  
 Received by: [Signature]  
 Relinquished by: [Signature]

Date/Time 10-13-2020 11:00  
 Received by: [Signature]  
 Relinquished by: [Signature]