

## Extraction and Analytical Summary Report

**Analysis Method:** 1664A  
**Test:** Oil and Grease  
**Run Number:** LB132503  
**Analysis Date:** 09/19/2024  
**BalanceID:** WC SC-6  
**OvenID:** EXT OVEN-3

**ANALYST:** jignesh  
**REVIEWED BY:** Iwona  
**Extraction Date:** 09/19/2024  
**Extraction IN Time:** 08:10  
**Extraction OUT Time:** 08:40  
**Thermometer ID:** EXT OVEN#3

| Dish # | Lab ID     | Client ID          | Matrix | pH  | Sample Vol (ml) | 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      | LB132503BL | LB132503BL         | WATER  | 1.3 | 1000            | 100               | 2.8563                | 2.8563                      | 0                     | 2.8564                  | 2.8564                        | 0.0001            | 0.1           |
| 2      | LB132503BS | LB132503BS         | WATER  | 1.3 | 1000            | 100               | 2.9107                | 2.9107                      | 0                     | 2.9274                  | 2.9274                        | 0.0167            | 16.7          |
| 3      | P4096-01   | DRAIN-WATER-TANK-1 | WATER  | 1.6 | 1000            | 100               | 3.0572                | 3.0572                      | 0                     | 3.0766                  | 3.0766                        | 0.0194            | 19.4          |
| 4      | P4096-02   | P4096-01MS         | WATER  | 1.6 | 1000            | 100               | 3.1871                | 3.1871                      | 0                     | 3.2262                  | 3.2262                        | 0.0391            | 39.1          |
| 5      | P4096-03   | P4096-01MSD        | WATER  | 1.6 | 1000            | 100               | 2.9063                | 2.9063                      | 0                     | 2.9451                  | 2.9451                        | 0.0388            | 38.8          |



QC Batch# LB132503      Test: Oil and Grease      Analysis Date: 09/19/2024

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3110          |
| pH Paper 0-14  | M6069          |
| Sodium Sulfate | EP2540         |
| 1:1 HCL        | WP108566       |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP108567       |
| LCSWD         | NA          | NA             |
| MS/MSD        | 2.5 ML      | WP108568       |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0018</u> | (0.0018-0.0022) | In OVEN TEMP1 : | <u>70 °C</u> | Dessicator Time In1 : | <u>11:01</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | (0.9950-1.0050) | In Time1:       | <u>10:25</u> |                       |              |
| Bal Check Time:      | <u>08:30</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1: | <u>11:35</u> |
|                      |               |                 | Out Time1:      | <u>11:00</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>12:41</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | (0.9950-1.0050) | In Time2:       | <u>12:10</u> |                       |              |
| Bal Check Time:      | <u>13:16</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2: | <u>13:15</u> |
|                      |               |                 | Out Time2:      | <u>12:40</u> |                       |              |

WORKLIST(Hardcopy Internal Chain)

132503

WorkList Name : oil & grease p4096      WorkList ID : 183627      Department : Wet-Chemistry      Date : 09-19-2024 07:59:58

| Sample   | Customer Sample    | Matrix | Test           | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|--------------------|--------|----------------|----------------------|----------|-----------------------------|--------------|--------|
| P4096-01 | DRAIN-WATER-TANK-1 | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | MAJO01   | H53                         | 09/17/2024   | 1664A  |
| P4096-02 | P4096-01MS         | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | MAJO01   | H53                         | 09/17/2024   | 1664A  |
| P4096-03 | P4096-01MSD        | Water  | Oil and Grease | Conc H2SO4 to pH < 2 | MAJO01   | H53                         | 09/17/2024   | 1664A  |

Date/Time 09-19-24 08:00  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: [Signature]

Date/Time 09-19-24 12:00  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: [Signature]