



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Non-Polar Material  
Run Number: LB120559  
Analysis Date: 06/08/2022  
BalanceID: WC SC-6  
OvenID: EXT OVEN-3

ANALYST: jignesh  
REVIEWED BY: mohammad  
Extraction Date: 06/08/2022  
Extraction IN Time: 08:25  
Extraction OUT Time: 08:45  
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      | LB120559BL  | LB120559BL             | WATER  | 1.3 | 1000            | 100               | 3.0564                | 3.0564                      | 3.02                  | 3.0565                  | 3.0565                        | 0.0001            | 0.1           |
| 2      | LB120559BS  | LB120559BS             | WATER  | 1.3 | 1000            | 100               | 3.1473                | 3.1473                      | 3.01                  | 3.1641                  | 3.1641                        | 0.0168            | 16.8          |
| 3      | LB120559BSD | LB120559BSD            | WATER  | 1.3 | 1000            | 100               | 3.0562                | 3.0562                      | 3.03                  | 3.0730                  | 3.0730                        | 0.0168            | 16.8          |
| 4      | N3214-07    | LOD-MDL-WATER-01-QT2-2 | WATER  | 1.3 | 1000            | 100               | 2.9634                | 2.9634                      | 3.04                  | 2.9657                  | 2.9657                        | 0.0023            | 2.3           |
| 5      | N3214-08    | LOQ-WATER-02-QT2-2022  | WATER  | 1.3 | 1000            | 100               | 3.0189                | 3.0189                      | 3.05                  | 3.0231                  | 3.0231                        | 0.0042            | 4.2           |



QC Batch# LB120559      Test: Non-Polar Material      Analysis Date: 06/08/2022

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2919          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2247         |
| 1:1 HCL        | WP95586        |
| Silica Gel     | W2839          |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 5.00 ML     | WP95587        |
| LCSWD         | 5.00 ML     | WP95588        |
| MS/MSD        | NA          | NA             |

### 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>09:51</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | (0.9950-1.0050) | In Time1:       | <u>09:10</u> |                       |              |
| Bal Check Time:      | <u>08:35</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1: | <u>10:25</u> |
|                      |               |                 | Out Time1:      | <u>09:50</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>11:31</u> |
| 1.0000 gram Balance: | <u>1.0003</u> | (0.9950-1.0050) | In Time2:       | <u>11:00</u> |                       |              |
| Bal Check Time:      | <u>12:05</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2: | <u>12:00</u> |
|                      |               |                 | Out Time2:      | <u>11:30</u> |                       |              |

VB 120559

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : non poplar n3214

WorkList ID : 160343

Department : Wet-Chemistry

Date : 06-08-2022 08:15:08

| Due Date   | Matrix | Sample   | Test               | Preservative  | Customer | Raw Sample Storage Location | Customer Sample           | Collect Date | Method |
|------------|--------|----------|--------------------|---------------|----------|-----------------------------|---------------------------|--------------|--------|
| 06/27/2022 | Water  | N3214-07 | Non-Polar Material | Conc H2SO4 to | CHEM02   | QA Of                       | LOD-MDL-WATER-01-QT2-2022 | 06/06/2022   | 1664A  |
| 06/27/2022 | Water  | N3214-08 | Non-Polar Material | Conc H2SO4 to | CHEM02   | QA Of                       | LOQ-WATER-02-QT2-2022     | 06/06/2022   | 1664A  |

Date/Time 06/08/22 08:20  
 Raw Sample Received by: 40(WC)  
 Raw Sample Relinquished by: 40(WC)

Date/Time 06/08/22 10:30  
 Raw Sample Received by: 40(WC)  
 Raw Sample Relinquished by: 40(WC)