



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Non-Polar Material  
Run Number: LB103066  
Analysis Date: 05/30/2019  
BalanceID: WC SC-3  
OvenID: EXT OVEN-3

ANALYST: JIGNESH  
REVIEWED BY: apatel  
Extraction Date: 05/30/2019  
Extraction IN Time: 07:25  
Extraction OUT Time: 08:10

| 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      | LB103066BL  | LB103066BL  | WATER  | 1.6 | 1000            | 100               | 2.0367            | 2.0367                      | 3.02                  | 2.0367                  | 2.0367                        | 0.0000            | 0             |
| 2      | LB103066BS  | LB103066BS  | WATER  | 1.6 | 1000            | 100               | 2.1487            | 2.1487                      | 3.01                  | 2.1675                  | 2.1675                        | 0.0188            | 18.8          |
| 3      | LB103066BSD | LB103066BSD | WATER  | 1.6 | 1000            | 100               | 2.6627            | 2.6627                      | 3.04                  | 2.6817                  | 2.6817                        | 0.0190            | 19            |
| 4      | K3082-01    | 14B-1       | WATER  | 1.6 | 1000            | 100               | 3.0739            | 3.0739                      | 3.05                  | 3.0756                  | 3.0756                        | 0.0017            | 1.7           |
| 5      | K3082-02    | 14B-2       | WATER  | 1.6 | 1000            | 100               | 3.0125            | 3.0125                      | 3.03                  | 3.0140                  | 3.0140                        | 0.0015            | 1.5           |
| 6      | K3082-03    | 14B-3       | WATER  | 1.6 | 1000            | 100               | 3.1406            | 3.1406                      | 3.02                  | 3.1421                  | 3.1421                        | 0.0015            | 1.5           |
| 7      | K3082-04    | 14B-4       | WATER  | 1.6 | 1000            | 100               | 3.0746            | 3.0746                      | 3.04                  | 3.0758                  | 3.0758                        | 0.0012            | 1.2           |
| 8      | K3082-05    | K3082-04MS  | WATER  | 1.6 | 1000            | 100               | 3.1344            | 3.1344                      | 3.03                  | 3.1436                  | 3.1436                        | 0.0092            | 9.2           |
| 9      | K3082-06    | K3082-04MSD | WATER  | 1.6 | 1000            | 100               | 2.9837            | 2.9837                      | 3.05                  | 2.9939                  | 2.9939                        | 0.0102            | 10.2          |



QC Batch# LB103066      Test: Non-Polar Mate      Analysis Date: 05/30/2019

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2533          |
| pH Paper 0-14  | M4240          |
| Sodium Sulfate | EP1957         |
| 1:1 HCL        | WP74116        |
| Silica Gel     | W2466          |
| Sand           | NA             |

**Standards Used:**

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 10.00 ML    | WP74117        |
| LCSWD         | 10.00 ML    | WP74118        |
| MS/MSD        | 10.00 ML    | WP74117        |

**BALANCE CALIBRATION / OVEN Dessicator Data**

Analytical Balance ID # : WC SC-3

Before Analysis

|                      |               |                |              |                      |              |
|----------------------|---------------|----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP : | <u>70</u>    | Dessicator Time In : | <u>09:36</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | In Time:       | <u>08:35</u> |                      |              |
| Bal Check Time:      | <u>07:35</u>  | Out OVEN TEMP: | <u>70</u>    | Dessicator Time Out: | <u>10:10</u> |
|                      |               | Out Time:      | <u>09:35</u> |                      |              |

After Analysis

|                      |               |                |              |                      |              |
|----------------------|---------------|----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0019</u> | In OVEN TEMP : | <u>71</u>    | Dessicator Time In : | <u>11:11</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | In Time:       | <u>10:35</u> |                      |              |
| Bal Check Time:      | <u>12:10</u>  | Out OVEN TEMP: | <u>71</u>    | Dessicator Time Out: | <u>11:35</u> |
|                      |               | Out Time:      | <u>11:10</u> |                      |              |

1-13 103066

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : NON POPLAR K3082

WorkList ID : 126703

Date : 05-30-2019 7:15:22

| Due Date   | Matrix | Sample     | Test               | Preservative  | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|------------|--------------------|---------------|----------|------------------|-----------------|--------------|--------|
| 06/11/2019 | Water  | K3082-01-F | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | 14B-1           | 05/29/2019   | 1664A  |
| 06/11/2019 | Water  | K3082-02-F | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | 14B-2           | 05/29/2019   | 1664A  |
| 06/11/2019 | Water  | K3082-03-F | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | 14B-3           | 05/29/2019   | 1664A  |
| 06/11/2019 | Water  | K3082-04-F | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | 14B-4           | 05/29/2019   | 1664A  |
| 06/11/2019 | Water  | K3082-05 ✓ | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | K3082-04MS      | 05/29/2019   | 1664A  |
| 06/11/2019 | Water  | K3082-06 ✓ | Non-Polar Material | Conc H2SO4 tc | NEWY17   | R11              | K3082-04MSD     | 05/29/2019   | 1664A  |

Date/Time 05.30.19 7:20  
 Received by: Jg  
 Relinquished by: Jc

Date/Time 05.30.19 10:00  
 Received by: Jc  
 Relinquished by: Jg