

TOTAL Dissolved Solids - SM2540C

Run Number: LB135486

Date: 04/18/2025

SUPERVISOR: Iwona

ANALYST: jignesh

BalanceID: WC SC-5

Filter ID: 17416528

| | | | |
|-----------------------------------|------------------------------------|--------------------|------------------------|
| EMPTY DISH | EMPTY DISH | OvenID: | Thermo ID: |
| TEMP IN: 104 °C 04/17/2025 12:00 | TEMP OUT: 103 °C 04/17/2025 13:00 | WC OVEN-1 | WET OVNE#1 |
| TEMP1 IN: 104 °C 04/17/2025 13:30 | TEMP1 OUT: 104 °C 04/17/2025 14:30 | OvenID1: WC OVEN-1 | Thermo ID1: WET OVEN#1 |
| TEMP2 IN: 103 °C 04/17/2025 17:00 | TEMP2 OUT: 104 °C 04/18/2025 08:00 | OvenID2: WC OVEN-2 | Thermo ID2: WET OVEN#2 |
| TEMP3 IN: 180 °C 04/18/2025 08:05 | TEMP3 OUT: 182 °C 04/18/2025 10:00 | OvenID3: WC OVEN#2 | Thermo ID3: WET OVEN#2 |

| Dish # | Lab ID | Client ID | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Sample Volume (ml) | 1st Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g) | 2nd Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g) | Final Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g) | Weight (g) | Result mg/L |
|--------|-------------|-----------------------|-----------------------|-----------------------------|--------------------|---|---|---|------------|-------------|
| 1 | LB135486BL | LB135486BL | 856.3961 | 856.3961 | 100 | 856.3961 | 856.3961 | 856.3961 | 0.0000 | 0 |
| 2 | LB135486BS | LB135486BS | 76.8563 | 76.8563 | 100 | 76.8657 | 76.8657 | 76.8657 | 0.0094 | 94 |
| 3 | Q1831-01 | EFFLUENT-COMPOSITE | 110.2008 | 110.2008 | 100 | 110.6157 | 110.6157 | 110.6157 | 0.4149 | 4149 |
| 4 | Q1831-01DUP | EFFLUENT-COMPOSITEDUP | 106.1289 | 106.1289 | 100 | 106.5459 | 106.5459 | 106.5459 | 0.4170 | 4170 |

- A = Sample Volume (ml)
- B = Empty Dish Weight (g)
- C = 2nd Empty Dish + Sample weight after 1.5 hr drying @180(±2) °C(g)
- D = Weight (g)

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| Weight (g) = C - B |
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| Result mg/L = $\frac{D}{A} * 1000 * 1000$ |
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