

# TOTAL Dissolved Solids - SM2540C

Run Number: LB136401

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 07/09/2025

BalanceID: WC SC-6

Filter ID: 17416528

|            |        |            |       |            |        |            |       |          |           |             |            |
|------------|--------|------------|-------|------------|--------|------------|-------|----------|-----------|-------------|------------|
| EMPTY DISH |        |            |       | EMPTY DISH |        |            |       | OvenID:  | WC OVEN-1 | Thermo ID:  | WET OVEN#1 |
| TEMP IN:   | 104 °C | 07/08/2025 | 11:00 | TEMP OUT:  | 104 °C | 07/08/2025 | 12:00 |          |           |             |            |
| TEMP1 IN:  | 103 °C | 07/08/2025 | 12:30 | TEMP1 OUT: | 103 °C | 07/08/2025 | 13:30 | OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| TEMP2 IN:  | 104 °C | 07/08/2025 | 17:30 | TEMP2 OUT: | 103 °C | 07/09/2025 | 08:00 | OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| TEMP3 IN:  | 180 °C | 07/09/2025 | 08:05 | TEMP3 OUT: | 182 °C | 07/09/2025 | 10:30 | 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      | LB136401BL  | LB136401BL            | 136.0274              | 136.0274                    | 100                | 136.0274                                                        | 136.0274                                                        | 136.0274                                                          | 0.0000     | 0           |
| 2      | LB136401BS  | LB136401BS            | 124.7034              | 124.7034                    | 100                | 124.7129                                                        | 124.7129                                                        | 124.7129                                                          | 0.0095     | 95          |
| 3      | Q2525-01    | EFFLUENT-COMPOSITE    | 142.7882              | 142.7880                    | 100                | 143.1707                                                        | 143.1707                                                        | 143.1707                                                          | 0.3827     | 3827        |
| 4      | Q2525-01DUP | EFFLUENT-COMPOSITEDUP | 152.1827              | 152.1827                    | 100                | 152.5650                                                        | 152.5650                                                        | 152.5650                                                          | 0.3823     | 3823        |

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)

$$\text{Weight (g)} = C - B$$

$$\text{Result mg/L} = \frac{D}{A} * 1000 * 1000$$

WORKLIST(Hardcopy Internal Chain)

136401

WorkList Name : tds q2529

WorkList ID : 190590

Department : Wet-Chemistry

Date : 07-08-2025 17:04:21

| Sample   | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| Q2525-01 | EFFLUENT-COMPOSITE | Water  | TDS  | Cool 4 deg C | M&MM01   | O33                         | 07/08/2025   | SM2540 C |

Date/Time 07/08/25 17:15

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time

07/08/25 18:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]