

# TOTAL Dissolved Solids - SM2540C

Run Number: LB137440

Date: 10/07/2025

SUPERVISOR: Iwona

ANALYST: jignesh

BalanceID: WC SC-5

Filter ID: 17416528

|            |        |            |       |            |        |            |       |          |           |             |            |
|------------|--------|------------|-------|------------|--------|------------|-------|----------|-----------|-------------|------------|
| EMPTY DISH |        |            |       | EMPTY DISH |        |            |       | OvenID:  | WC OVEN-1 | Thermo ID:  | WET OVEN#1 |
| TEMP IN:   | 104 °C | 10/06/2025 | 11:00 | TEMP OUT:  | 104 °C | 10/06/2025 | 12:00 |          |           |             |            |
| TEMP1 IN:  | 104 °C | 10/06/2025 | 12:30 | TEMP1 OUT: | 104 °C | 10/06/2025 | 13:30 | OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| TEMP2 IN:  | 103 °C | 10/06/2025 | 15:30 | TEMP2 OUT: | 103 °C | 10/07/2025 | 07:00 | OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| TEMP3 IN:  | 180 °C | 10/07/2025 | 07:05 | TEMP3 OUT: | 182 °C | 10/07/2025 | 09:10 | 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      | LB137440BL  | LB137440BL          | 105.6374              | 105.6374                    | 100                | 105.6375                                                        | 105.6375                                                        | 105.6375                                                          | 0.0001     | 1           |
| 2      | LB137440BS  | LB137440BS          | 101.4719              | 101.4719                    | 100                | 101.4814                                                        | 101.4814                                                        | 101.4814                                                          | 0.0095     | 95          |
| 3      | Q3292-01    | RW8-SP100-251003    | 110.2323              | 110.2323                    | 100                | 110.2327                                                        | 110.2327                                                        | 110.2327                                                          | 0.0004     | 4           |
| 4      | Q3292-01DUP | RW8-SP100-251003DUP | 106.1572              | 106.1572                    | 100                | 106.1576                                                        | 106.1576                                                        | 106.1576                                                          | 0.0004     | 4           |
| 5      | Q3292-02    | RW8-SP303-251003    | 151.2626              | 151.2626                    | 100                | 151.2627                                                        | 151.2627                                                        | 151.2627                                                          | 0.0001     | 1           |

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)

UP 132440

WorkList Name : TDS Q3292      WorkList ID : 192305      Department : Wet-Chemistry      Date : 10-06-2025 13:29:14

| Sample   | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| Q3292-01 | B RW8-SP100-251003 | Water  | TDS  | Cool 4 deg C | TETR06   | D31                         | 10/03/2025   | SM2540 C |
| Q3292-02 | B RW8-SP303-251003 | Water  | TDS  | Cool 4 deg C | TETR06   | D31                         | 10/03/2025   | SM2540 C |

Date/Time 10/06/25 13:45  
Raw Sample Received by: SE cwc  
Raw Sample Relinquished by: RJ CFA-1006

Date/Time 10/06/25 16:00  
Raw Sample Received by: RJ CFA-1006  
Raw Sample Relinquished by: SE cwc