

# TOTAL Dissolved Solids - SM2540C

Run Number: LB137742

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 11/04/2025

BalanceID: WC SC-5

Filter ID: 17416528

|            |        |            |       |            |        |            |       |          |           |             |            |
|------------|--------|------------|-------|------------|--------|------------|-------|----------|-----------|-------------|------------|
| EMPTY DISH |        |            |       | EMPTY DISH |        |            |       | OvenID:  | WC OVEN-1 | Thermo ID:  | WET OVEN#1 |
| TEMP IN:   | 104 °C | 10/31/2025 | 11:00 | TEMP OUT:  | 104 °C | 10/31/2025 | 12:00 |          |           |             |            |
| TEMP1 IN:  | 104 °C | 10/31/2025 | 12:30 | TEMP1 OUT: | 104 °C | 10/31/2025 | 13:30 | OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| TEMP2 IN:  | 103 °C | 11/03/2025 | 16:00 | TEMP2 OUT: | 103 °C | 11/04/2025 | 07:00 | OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| TEMP3 IN:  | 180 °C | 11/04/2025 | 07:05 | TEMP3 OUT: | 182 °C | 11/04/2025 | 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      | LB137742BL  | LB137742BL            | 148.7453              | 148.7453                    | 100                | 148.7454                                                        | 148.7454                                                        | 148.7454                                                          | 0.0001     | 1           |
| 2      | LB137742BS  | LB137742BS            | 156.3048              | 156.3048                    | 100                | 156.3143                                                        | 156.3143                                                        | 156.3143                                                          | 0.0095     | 95          |
| 3      | Q3527-01    | RW8-SP100-20251030    | 106.1325              | 106.1325                    | 100                | 106.1328                                                        | 106.1328                                                        | 106.1328                                                          | 0.0003     | 3           |
| 4      | Q3527-02    | RW8-SP303-20251030    | 110.2082              | 110.2082                    | 100                | 110.2084                                                        | 110.2084                                                        | 110.2084                                                          | 0.0002     | 2           |
| 5      | Q3527-02DUP | RW8-SP303-20251030DUP | 156.5533              | 156.5533                    | 100                | 156.5535                                                        | 156.5535                                                        | 156.5535                                                          | 0.0002     | 2           |

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)

VB 137742

WorkList Name : TDS Q3525      WorkList ID : 192858      Department : Wet-Chemistry      Date : 11-03-2025 12:01:01

| Sample   | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| Q3527-01 | RW8-SP100-20251030 | Water  | TDS  | Cool 4 deg C | TETR06   | J32                         | 10/30/2025   | SM2540 C |
| Q3527-02 | RW8-SP303-20251030 | Water  | TDS  | Cool 4 deg C | TETR06   | J32                         | 10/30/2025   | SM2540 C |

Date/Time 11/03/25 12:13:5  
Raw Sample Received by: JJ (see C)  
Raw Sample Relinquished by: JJ (see C)

Date/Time 11/03/25 16:30  
Raw Sample Received by: JT (see C)  
Raw Sample Relinquished by: JJ (see C)