

# TOTAL Dissolved Solids - SM2540C

Run Number: LB136237

Date: 06/24/2025

SUPERVISOR: Iwona

ANALYST: jignesh

BalanceID: WC SC-6

Filter ID: 17416528

|            |        |            |       |            |        |            |       |          |           |             |            |
|------------|--------|------------|-------|------------|--------|------------|-------|----------|-----------|-------------|------------|
| EMPTY DISH |        |            |       | EMPTY DISH |        |            |       | OvenID:  | WC OVEN-1 | Thermo ID:  | WET IVEN-1 |
| TEMP IN:   | 104 °C | 06/23/2025 | 11:00 | TEMP OUT:  | 104 °C | 06/23/2025 | 12:00 |          |           |             |            |
| TEMP1 IN:  | 103 °C | 06/23/2025 | 12:30 | TEMP1 OUT: | 103 °C | 06/23/2025 | 13:30 | OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| TEMP2 IN:  | 104 °C | 06/23/2025 | 15:30 | TEMP2 OUT: | 103 °C | 06/24/2025 | 07:30 | OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| TEMP3 IN:  | 180 °C | 06/24/2025 | 07:35 | TEMP3 OUT: | 182 °C | 06/24/2025 | 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      | LB136237BL  | LB136237BL            | 1015.8937             | 1015.8937                   | 100                | 1015.8937                                                       | 1015.8937                                                       | 1015.8937                                                         | 0.0000     | 0           |
| 2      | LB136237BS  | LB136237BS            | 89.6371               | 89.6371                     | 100                | 89.6466                                                         | 89.6466                                                         | 89.6466                                                           | 0.0095     | 95          |
| 3      | Q2375-01    | RW8-SP100-20250619    | 106.1524              | 106.1524                    | 100                | 106.1529                                                        | 106.1529                                                        | 106.1529                                                          | 0.0005     | 5           |
| 4      | Q2375-02    | RW8-SP303-20250619    | 110.2392              | 110.2392                    | 100                | 110.2398                                                        | 110.2398                                                        | 110.2398                                                          | 0.0006     | 6           |
| 5      | Q2375-02DUP | RW8-SP303-20250619DUP | 109.1415              | 109.1410                    | 100                | 109.1416                                                        | 109.1416                                                        | 109.1416                                                          | 0.0006     | 6           |

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)

136237

WorkList Name : TDS-6-23      WorkList ID : 190348      Department : Wet-Chemistry      Date : 06-23-2025 09:22:05

| Sample     | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|------------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| Q2375-01 C | RW8-SP100-20250619 | Water  | TDS  | Cool 4 deg C | TETR06   | D51                         | 06/19/2025   | SM2540 C |
| Q2375-02 C | RW8-SP303-20250619 | Water  | TDS  | Cool 4 deg C | TETR06   | D51                         | 06/19/2025   | SM2540 C |

Date/Time 06/23/25 12:30  
Raw Sample Received by:   
Raw Sample Relinquished by: 

Date/Time 06/23/25 16:00  
Raw Sample Received by:   
Raw Sample Relinquished by: 