

# TOTAL Dissolved Solids - SM2540C

Run Number: LB132643

Date: 09/27/2024

SUPERVISOR: Iwona

ANALYST: Niha

BalanceID: WC SC-6

Filter ID: 17416528

|            |        |            |       |            |        |            |       |          |           |             |            |
|------------|--------|------------|-------|------------|--------|------------|-------|----------|-----------|-------------|------------|
| EMPTY DISH |        |            |       | EMPTY DISH |        |            |       | OvenID:  | WC OVEN-1 | Thermo ID:  | WET OVEN#1 |
| TEMP IN:   | 103 °C | 09/26/2024 | 11:00 | TEMP OUT:  | 104 °C | 09/26/2024 | 12:00 |          |           |             |            |
| TEMP1 IN:  | 103 °C | 09/26/2024 | 12:30 | TEMP1 OUT: | 103 °C | 09/26/2024 | 13:30 | OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| TEMP2 IN:  | 104 °C | 09/26/2024 | 16:30 | TEMP2 OUT: | 103 °C | 09/27/2024 | 08:30 | OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| TEMP3 IN:  | 180 °C | 09/27/2024 | 08:45 | TEMP3 OUT: | 180 °C | 09/27/2024 | 10:45 | 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      | LB132643BL  | LB132643BL                 | 91.3217               | 91.3217                     | 100                | 91.3217                                                         | 91.3217                                                         | 91.3217                                                           | 0.0000     | 0           |
| 2      | LB132643BS  | LB132643BS                 | 91.4758               | 91.4758                     | 100                | 91.4856                                                         | 91.4856                                                         | 91.4856                                                           | 0.0098     | 98          |
| 3      | P4180-06    | 5602-75-002-ST-5-DISCHARGE | 91.0499               | 91.0499                     | 100                | 91.0548                                                         | 91.0548                                                         | 91.0548                                                           | 0.0049     | 49          |
| 4      | P4180-08    | 5602-75-003-ST-6-12-DISCHA | 91.6552               | 91.6552                     | 100                | 91.6700                                                         | 91.6700                                                         | 91.6700                                                           | 0.0148     | 148         |
| 5      | P4180-08DUP | 5602-75-003-ST-6-12-DISCHA | 110.2313              | 110.2310                    | 100                | 110.2462                                                        | 110.2462                                                        | 110.2462                                                          | 0.0152     | 152         |
| 6      | P4180-20    | 5602-75-001-NEUTRALIZATION | 63.8434               | 63.8434                     | 100                | 63.9022                                                         | 63.9022                                                         | 63.9022                                                           | 0.0588     | 588         |

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)

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

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

LB132643

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TDS - 09262024      WorkList ID : 183851      Department : Wet-Chemistry      Date : 09-26-2024 09:01:07

| Sample   | Customer Sample             | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| P4180-06 | 5602-75-002-ST-5-DISCHARGE  | Water  | TDS  | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 C |
| P4180-08 | 5602-75-003-ST-6-12-DISCHAF | Water  | TDS  | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 C |
| P4180-20 | 5602-75-001-NEUTRALIZATION  | Water  | TDS  | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 C |

Date/Time 09.26.2024, 14:00  
Raw Sample Received by: NF(WC)  
Raw Sample Relinquished by: NF(WC)

Date/Time 09.26.2024, 17:00  
Raw Sample Received by: NF(WC)  
Raw Sample Relinquished by: NF(WC)