

# TOTAL SOLIDS - SM2540B

SUPERVISOR: Iwona

ANALYST: Niha

Date: 09/25/2024

Run Number: LB132615

BalanceID: WC SC-6

OvenID: WC OVEN-1

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 09/25/2024 11:00 TEMP1 OUT: 104 °C 09/25/2024 12:00  
 TEMP2 IN: 103 °C 09/25/2024 12:30 TEMP2 OUT: 104 °C 09/25/2024 13:30  
 TEMP3 IN: 104 °C 09/25/2024 15:45 TEMP3 OUT: 104 °C 09/26/2024 08:00  
 TEMP4 IN: 103 °C 09/26/2024 08:30 TEMP4 OUT: 104 °C 09/26/2024 10:00

| Dish # | Lab ID      | Client ID                     | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Sample Vol (ml) | Original weight 1st Dish+Sample weight after Drying @103-@105°C (g) | Constant weight 2nd Dish+Sample weight after Drying @103-@105°C (g) | Final Constant weight Final Dish+Sample weight after Drying @103-@105°C (g) | Weight (g) | Result (mg/L) |
|--------|-------------|-------------------------------|-----------------------|-----------------------------|-----------------|---------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|------------|---------------|
| 1      | LB132615BL  | LB132615BL                    | 89.5452               | 89.5452                     | 100             | 89.5452                                                             | 89.5452                                                             | 89.5452                                                                     | 0.0000     | 0             |
| 2      | P4176-01    | FB-NC-SYS2                    | 106.1581              | 106.1581                    | 100             | 108.6710                                                            | 108.6710                                                            | 108.6710                                                                    | 2.5129     | 25129         |
| 3      | P4176-02    | FB-1C-SYS2                    | 110.2954              | 110.2954                    | 100             | 112.7535                                                            | 112.7535                                                            | 112.7540                                                                    | 2.4581     | 24581         |
| 4      | P4176-03    | FB-2C-SYS2                    | 91.1503               | 91.1503                     | 100             | 93.5975                                                             | 93.5975                                                             | 93.5975                                                                     | 2.4472     | 24472         |
| 5      | P4176-04    | FB-NC-SYS1                    | 91.7379               | 91.7379                     | 100             | 94.1399                                                             | 94.1399                                                             | 94.1399                                                                     | 2.4020     | 24020         |
| 6      | P4176-05    | FB-1C-SYS1                    | 63.9514               | 63.9514                     | 100             | 66.2778                                                             | 66.2778                                                             | 66.2778                                                                     | 2.3264     | 23264         |
| 7      | P4176-06    | FB-2C-SYS1                    | 90.4998               | 90.4998                     | 100             | 92.7322                                                             | 92.7322                                                             | 92.7322                                                                     | 2.2324     | 22324         |
| 8      | P4180-06    | 5602-75-002-ST-5-DISCHARGE    | 85.0817               | 85.0817                     | 100             | 85.0963                                                             | 85.0963                                                             | 85.0963                                                                     | 0.0146     | 146           |
| 9      | P4180-08    | 5602-75-003-ST-6-12-DISCHARGE | 89.8722               | 89.8722                     | 100             | 89.9174                                                             | 89.9174                                                             | 89.9174                                                                     | 0.0452     | 452           |
| 10     | P4180-19    | 5602-75-001-NEUTRALIZATION-C  | 78.4652               | 78.4652                     | 100             | 78.5362                                                             | 78.5362                                                             | 78.5362                                                                     | 0.0710     | 710           |
| 11     | P4180-19DUP | 5602-75-001-NEUTRALIZATION-C  | 89.0209               | 89.0209                     | 100             | 89.0929                                                             | 89.0929                                                             | 89.0929                                                                     | 0.0720     | 720           |

A = Sample Volume (ml)

B = Final Empty Dish Weight (g)

C = Final Dish+Sample weight after Drying @103-@105°C (g)

$$\text{Result mg/L} = ((C - B) / A) * 1000 * 1000$$

# WORKLIST(Hardcopy Internal Chain)

LB132615

WorkList Name : TS-09252024      WorkList ID : 183813      Department : Wet-Chemistry      Date : 09-25-2024 11:43:51

| Sample   | Customer Sample             | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| P4176-01 | FB-NC-SYS2                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4176-02 | FB-1C-SYS2                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4176-03 | FB-2C-SYS2                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4176-04 | FB-NC-SYS1                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4176-05 | FB-1C-SYS1                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4176-06 | FB-2C-SYS1                  | Water  | TS   | Cool 4 deg C | RUTW01   | J41                         | 09/24/2024   | SM2540 B |
| P4180-06 | 5602-75-002-ST-5-DISCHARGE  | Water  | TS   | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 B |
| P4180-08 | 5602-75-003-ST-6-12-DISCHAF | Water  | TS   | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 B |
| P4180-19 | 5602-75-001-NEUTRALIZATION  | Water  | TS   | Cool 4 deg C | SCIE01   | J41                         | 09/24/2024   | SM2540 B |

Date/Time 09.25.2024, 15:00  
 Raw Sample Received by: NF(WC)  
 Raw Sample Relinquished by: NF(WC)

Date/Time 09.25.2024, 16:00  
 Raw Sample Received by: NF(WC)  
 Raw Sample Relinquished by: NF(WC)