

TOTAL Dissolved Solids - SM2540C

Run Number: LB135486

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 04/18/2025

BalanceID: WC SC-5

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVNE#1
TEMP IN:	104 °C	04/17/2025	12:00	TEMP OUT:	103 °C	04/17/2025	13:00				
TEMP1 IN:	104 °C	04/17/2025	13:30	TEMP1 OUT:	104 °C	04/17/2025	14:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	103 °C	04/17/2025	17:00	TEMP2 OUT:	104 °C	04/18/2025	08:00	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	04/18/2025	08:05	TEMP3 OUT:	182 °C	04/18/2025	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	LB135486BL	LB135486BL	856.3961	856.3961	100	856.3961	856.3961	856.3961	0.0000	0
2	LB135486BS	LB135486BS	76.8563	76.8563	100	76.8657	76.8657	76.8657	0.0094	94
3	Q1831-01	EFFLUENT-COMPOSITE	110.2008	110.2008	100	110.6157	110.6157	110.6157	0.4149	4149
4	Q1831-01DUP	EFFLUENT-COMPOSITEDUP	106.1289	106.1289	100	106.5459	106.5459	106.5459	0.4170	4170

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)

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

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