

TOTAL Dissolved Solids - SM2540C

Run Number: LB137093

Date: 09/08/2025

SUPERVISOR: Iwona

ANALYST: JIGNESH

BalanceID: WC SC-5

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVEN#1
TEMP IN:	104 °C	09/05/2025	11:00	TEMP OUT:	104 °C	09/05/2025	12:00				
TEMP1 IN:	103 °C	09/05/2025	12:30	TEMP1 OUT:	103 °C	09/05/2025	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	103 °C	09/05/2025	15:30	TEMP2 OUT:	103 °C	09/08/2025	07:00	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	09/08/2025	07:05	TEMP3 OUT:	182 °C	09/08/2025	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	LB137093BL	LB137093BL	141.0893	141.0894	100	141.0894	141.0894	141.0894	0.0000	0
2	LB137093BS	LB137093BS	135.0581	135.0582	100	135.0676	135.0676	135.0676	0.0094	94
3	Q3024-01	TOWERS-1	152.1861	152.1861	100	152.6048	152.6049	152.6049	0.4188	4188
4	Q3024-02	TOWERS-2	156.5868	156.5868	100	157.0018	157.0019	157.0019	0.4151	4151
5	Q3024-02DUP	TOWERS-2DUP	157.5426	157.5427	100	157.9639	157.9639	157.9639	0.4212	4212

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 137093

WorkList Name : TDS Q3024

WorkList ID : 191707

Department : Wet-Chemistry

Date : 09-05-2025 11:16:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3024-01	TOWERS-1	Water	TDS	Cool 4 deg C	PSEG04	D21	09/04/2025	SM2540 C
Q3024-02	TOWERS-2	Water	TDS	Cool 4 deg C	PSEG04	D21	09/04/2025	SM2540 C

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Date/Time 09/05/25 11:30
Raw Sample Received by: SP WWC
Raw Sample Relinquished by: CP SM

Date/Time 09/05/25 16:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: SP WWC