

TOTAL Dissolved Solids - SM2540C

Run Number: LB136600

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 07/25/2025

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVEN#1
TEMP IN:	104 °C	07/24/2025	11:00	TEMP OUT:	104 °C	07/24/2025	12:00				
TEMP1 IN:	103 °C	07/24/2025	12:30	TEMP1 OUT:	103 °C	07/24/2025	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	103 °C	07/24/2025	15:30	TEMP2 OUT:	103 °C	07/25/2025	07:30	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	07/25/2025	07:35	TEMP3 OUT:	180 °C	07/25/2025	09:00	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	LB136600BL	LB136600BL	88.1403	88.1403	100	88.1403	88.1403	88.1403	0.0000	0
2	LB136600BS	LB136600BS	105.3718	105.3718	100	105.3813	105.3813	105.3813	0.0095	95
3	Q2682-01	TOWER-1	153.0313	153.0313	100	153.4643	153.4643	153.4643	0.4330	4330
4	Q2682-02	TOWER-2	156.5893	156.5893	100	156.9818	156.9818	156.9818	0.3925	3925
5	Q2683-02	DSN002	143.6587	143.6587	100	143.8221	143.8221	143.8221	0.1634	1634
6	Q2683-08	DSN003	142.8002	142.8003	100	142.9584	142.9584	142.9584	0.1581	1581
7	Q2683-08DUP	DSN003DUP	152.1990	152.1989	100	152.3623	152.3623	152.3623	0.1634	1634

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 136600

WorkList Name : tds q2683

WorkList ID : 190925

Department : Wet-Chemistry

Date : 07-24-2025 12:10:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2682-01	TOWER-1	Water	TDS	Cool 4 deg C	PSEG04	D21	07/23/2025	SM2540 C
Q2682-02	TOWER-2	Water	TDS	Cool 4 deg C	PSEG04	D21	07/23/2025	SM2540 C
Q2683-02	DSN002	Water	TDS	Cool 4 deg C	PSEG04	D31	07/23/2025	SM2540 C
Q2683-08	DSN003	Water	TDS	Cool 4 deg C	PSEG04	D31	07/23/2025	SM2540 C

Date/Time 07/24/25 12:30
 Raw Sample Received by: SPW
 Raw Sample Relinquished by: CP SM

Date/Time 07/24/25 16:00
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: SPW