

TOTAL Dissolved Solids - SM2540C

Run Number: LB135770

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 05/15/2025

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET IVEN-1
TEMP IN:	104 °C	05/14/2025	11:00	TEMP OUT:	103 °C	05/14/2025	12:00				
TEMP1 IN:	104 °C	05/14/2025	12:30	TEMP1 OUT:	104 °C	05/14/2025	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	104 °C	05/14/2025	17:00	TEMP2 OUT:	103 °C	05/15/2025	07:30	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	05/15/2025	07:35	TEMP3 OUT:	182 °C	05/15/2025	09:45	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	LB135770BL	LB135770BL	148.5637	148.5637	100	148.5637	148.5637	148.5637	0.0000	0
2	LB135770BS	LB135770BS	135.0374	135.0374	100	135.0469	135.0469	135.0469	0.0095	95
3	Q2029-01	TOWER-1	151.2215	151.2215	100	151.7649	151.7649	151.7649	0.5434	5434
4	Q2029-02	TOWER-2	147.5045	147.5045	100	148.0133	148.0133	148.0133	0.5088	5088
5	Q2030-01	402-PSD	152.7578	152.7578	100	152.8162	152.8162	152.8162	0.0584	584
6	Q2030-02	AHW-PSD	156.5645	156.5650	100	156.6257	156.6257	156.6257	0.0607	607
7	Q2030-02DUP	AHW-PSDDUP	157.5207	157.5210	100	157.5819	157.5819	157.5819	0.0609	609

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)

UB135770

WorkList Name : tds q2030

WorkList ID : 189515

Department : Wet-Chemistry

Date : 05-14-2025 14:00:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2029-01	D TOWER-1	Water	TDS	Cool 4 deg C	PSEG04	L41	05/13/2025	SM2540 C
Q2029-02	D TOWER-2	Water	TDS	Cool 4 deg C	PSEG04	L41	05/13/2025	SM2540 C
Q2030-01	B 402-PSD	Water	TDS	Cool 4 deg C	PSEG04	L41	05/13/2025	SM2540 C
Q2030-02	B AHW-PSD	Water	TDS	Cool 4 deg C	PSEG04	L41	05/13/2025	SM2540 C

Date/Time 05-14-25 14:15
Raw Sample Received by: sl w01
Raw Sample Relinquished by: sl w01

Date/Time 05-14-25 17:30
Raw Sample Received by: sl w01
Raw Sample Relinquished by: sl w01