

TOTAL Dissolved Solids - SM2540C

Run Number: LB134313

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 01/17/2025

BalanceID: WC SC-5

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVNE#1
TEMP IN:	103 °C	01/16/2025	11:00	TEMP OUT:	103 °C	01/16/2025	12:00				
TEMP1 IN:	103 °C	01/16/2025	12:30	TEMP1 OUT:	103 °C	01/16/2025	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	104 °C	01/16/2025	17:30	TEMP2 OUT:	103 °C	01/17/2025	08:00	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	01/17/2025	08:05	TEMP3 OUT:	180 °C	01/17/2025	09:37	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	LB134313BL	LB134313BL	963.6741	963.6741	100	963.6741	963.6741	963.6741	0.0000	0
2	LB134313BS	LB134313BS	85.0363	85.0363	100	85.0458	85.0458	85.0458	0.0095	95
3	Q1112-01	TOWER-1	106.1315	106.1315	100	106.3679	106.3679	106.3679	0.2364	2364
4	Q1112-03	TOWER-2	91.0435	91.0435	100	91.2932	91.2932	91.2932	0.2497	2497
5	Q1112-03DUP	TOWER-2DUP	110.2088	110.2088	100	110.4629	110.4629	110.4629	0.2541	2541

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)

JB 134313

WorkList Name : tdd q1121 WorkList ID : 186964 Department : Wet-Chemistry Date : 01-16-2025 16:58:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1112-01	A TOWER-1	Water	TDS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 C
Q1112-03	A TOWER-2	Water	TDS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 C

Date/Time 01-16-25 17:00
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: JDCSM

Date/Time 01-16-25 18:00
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: JDCSM