

TOTAL Dissolved Solids - SM2540C

Run Number: LB131906

SUPERVISOR: jignesh

ANALYST: Niha

Date: 08/08/2024

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVEN#1
TEMP IN:	103 °C	08/07/2024	11:00	TEMP OUT:	103 °C	08/07/2024	12:00				
TEMP1 IN:	103 °C	08/07/2024	12:30	TEMP1 OUT:	103 °C	08/07/2024	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	104 °C	08/07/2024	15:30	TEMP2 OUT:	103 °C	08/08/2024	08:30	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	08/08/2024	08:35	TEMP3 OUT:	180 °C	08/08/2024	10:35	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	LB131906BL	LB131906BL	79.5230	79.5230	100	79.5230	79.5230	79.5230	0.0000	0
2	LB131906BS	LB131906BS	95.3124	95.3124	100	95.3220	95.3220	95.3220	0.0096	96
3	P3510-02	DSN002	90.2709	90.2709	100	90.3711	90.3711	90.3711	0.1002	1002
4	P3510-02DUP	DSN002DUP	91.5678	91.5678	100	91.6681	91.6681	91.6681	0.1003	1003
5	P3510-06	DSN003	88.9420	88.9420	100	88.9890	88.9890	88.9890	0.0470	470
6	P3511-01	TOWER-1	92.5403	92.5403	100	92.8954	92.8954	92.8954	0.3551	3551
7	P3511-02	TOWER-2	85.4600	85.4600	100	85.7688	85.7688	85.7688	0.3088	3088

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)

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

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