



TOTAL Dissolved Solids - SM2540C

Run Number: LB127530

Date: 09/29/2023

SUPERVISOR: Iwona

ANALYST: jignesh

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVEN#1
TEMP IN:	103 °C	09/28/2023	11:00	TEMP OUT:	103 °C	09/28/2023	12:00	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP1 IN:	104 °C	09/28/2023	12:30	TEMP1 OUT:	104 °C	09/28/2023	13:30	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP2 IN:	103 °C	09/28/2023	16:35	TEMP2 OUT:	103 °C	09/29/2023	07:30	OvenID3:	WC OVEN-2	Thermo ID3:	WET OVEN#2
TEMP3 IN:	180 °C	09/29/2023	07:33	TEMP3 OUT:	180 °C	09/29/2023	09:00				

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	LB127530BL	LB127530BL	85.6023	85.6023	100	85.6023	85.6023	85.6023	0.0000	0
2	LB127530BS	LB127530BS	98.7415	98.7415	100	98.7509	98.7509	98.7509	0.0094	94
3	O4663-01	MW-20S	85.4302	85.4302	100	85.4872	85.4872	85.4872	0.0570	570
4	O4663-02	MW-48S	85.0671	85.0671	100	85.0771	85.0771	85.0771	0.0100	100
5	O4663-03	MW-47S	89.1308	89.1308	100	89.1539	89.1539	89.1539	0.0231	231
6	O4663-03DUP	MW-47SDUP	91.6592	91.6592	100	91.6828	91.6828	91.6828	0.0236	236
7	O4663-04	MW-47I	100.7731	100.7731	100	100.7966	100.7966	100.7966	0.0235	235

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)

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

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