



TOTAL Dissolved Solids - SM2540C

Run Number: LB127632

Date: 10/06/2023

SUPERVISOR: Iwona

ANALYST: jignesh

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID: WC OVEN-2		Thermo ID: WET OVEN#1	
TEMP IN:	103 °C	10/05/2023	08:00	TEMP OUT:	103 °C	10/05/2023	09:00				
TEMP1 IN:	104 °C	10/05/2023	09:30	TEMP1 OUT:	104 °C	10/05/2023	10:30	OvenID1: WC OVEN-2		Thermo ID1: WET OVEN#1	
TEMP2 IN:	104 °C	10/05/2023	16:45	TEMP2 OUT:	103 °C	10/06/2023	07:30	OvenID2: WC OVEN-2		Thermo ID2: WET OVEN#2	
TEMP3 IN:	180 °C	10/06/2023	07:35	TEMP3 OUT:	180 °C	10/06/2023	10:00	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	LB127632BL	LB127632BL	89.6745	89.6745	100	89.6746	89.6746	89.6746	0.0001	1
2	LB127632BS	LB127632BS	74.8961	74.8961	100	74.9056	74.9056	74.9056	0.0095	95
3	O4715-02	2C	94.8684	94.8684	100	95.2801	95.2801	95.2801	0.4117	4117
4	O4715-02DUP	2CDUP	85.4266	85.4266	100	85.8266	85.8266	85.8266	0.4000	4000
5	O4734-01	MW-6SR	91.6763	91.6763	100	91.6943	91.6943	91.6943	0.0180	180
6	O4734-04	MW-14S	89.1550	89.1550	100	89.1614	89.1614	89.1614	0.0064	64
7	O4734-05	MW-5SR	63.8217	63.8217	100	63.8327	63.8327	63.8327	0.0110	110
8	O4734-06	MW-7	85.0833	85.0833	100	85.0942	85.0942	85.0942	0.0109	109
9	O4734-07	MW-12	89.9308	89.9308	100	89.9465	89.9465	89.9465	0.0157	157
10	O4734-08	MW-13S	97.3636	97.3636	100	97.3856	97.3856	97.3856	0.0220	220
11	O4734-09	MW-6I	90.7151	90.7151	100	90.7502	90.7502	90.7502	0.0351	351
12	O4750-01	TOWER-1	89.9522	89.9522	100	90.3884	90.3884	90.3884	0.4362	4362
13	O4750-02	TOWER-2	100.7898	100.7898	100	101.0621	101.0621	101.0621	0.2723	2723

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)

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

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