



TOTAL Dissolved Solids - SM2540C

Run Number: LB111020

Date: 09/18/2020

SUPERVISOR: apatel

BalanceID: WC SC-3

ANALYST: JIGNESH

Filter ID: 17023242

TEMP1 IN:	<u>103 °C</u>	<u>09/17/2020</u>	<u>16:00</u>	TEMP1 OUT:	<u>103 °C</u>	<u>09/18/2020</u>	<u>07:10</u>	OvenID1:	<u>Wc OVEN-1</u>	Thermo ID1:	<u>Wet-Oven#1</u>
TEMP2 IN:	<u>103 °C</u>	<u>09/18/2020</u>	<u>08:00</u>	TEMP2 OUT:	<u>103 °C</u>	<u>09/18/2020</u>	<u>09:35</u>	OvenID2:	<u>Wc Oven-2</u>	Thermo ID2:	<u>Wet Oven#2</u>
TEMP3 IN:	<u>180 °C</u>	<u>09/18/2020</u>	<u>10:00</u>	TEMP3 OUT:	<u>180 °C</u>	<u>09/18/2020</u>	<u>11:30</u>	OvenID3:	<u>Wc Oven-2</u>	Thermo ID3:	<u>Wet Oven#2</u>

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	LB111020BL	LB111020BL	156.3879	156.3879	100	156.3879	156.3879	156.3879	0.0000	0
2	LB111020BS	LB111020BS	132.8510	132.8510	100	132.8605	132.8605	132.8605	0.0095	95
3	L3974-10	PT-SOL-WP	152.7736	152.7740	100	152.8343	152.8343	152.8343	0.0603	603

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)

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

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