

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: apatel

ANALYST: JIGNESH

Date: 03/09/2021

Run Number: LB113425

BalanceID: WC SC-3

OvenID: WC OVEN-1

FilterID: 17023242

ThermometerID: Wet Oven#1

TEMP1 IN: 104 °C 03/09/2021 15:00 TEMP1 OUT: 104 °C 03/09/2021 16:05
 TEMP2 IN: 104 °C 03/09/2021 16:45 TEMP2 OUT: 104 °C 03/09/2021 18:00
 TEMP3 IN: 103 °C 03/10/2021 08:35 TEMP3 OUT: 103 °C 03/10/2021 10:05
 TEMP4 IN: 103 °C 03/10/2021 10:37 TEMP4 OUT: 103 °C 03/10/2021 12:15

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 @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB113425BL	LB113425BL	1.4857	1.4857	100	1.4858	1.4858	1.4858	0.0001	1
2	LB113425BS	LB113425BS	1.3844	1.3844	100	1.4413	1.4413	1.4413	0.0569	569
3	M1561-10	PT-SOL-WP	1.3891	1.3891	100	1.3922	1.3922	1.3922	0.0031	31
4	M1612-01	DRAIN-WATER-TANK-1	1.3870	1.3870	80	1.4132	1.4132	1.4132	0.0262	327.5
5	M1612-01DUP	DRAIN-WATER-TANK-1DUP	1.3996	1.3996	80	1.4256	1.4256	1.4256	0.0260	325

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

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