

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: apatel

ANALYST: jignesh

Date: 03/03/2022

Run Number: LB119004

BalanceID: WC SC-6

OvenID: WC OVEN-3

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 03/03/2022 15:00 TEMP1 OUT: 103 °C 03/03/2022 16:00
 TEMP2 IN: 103 °C 03/03/2022 16:30 TEMP2 OUT: 103 °C 03/03/2022 17:30
 TEMP3 IN: 104 °C 03/04/2022 09:00 TEMP3 OUT: 104 °C 03/04/2022 10:30
 TEMP4 IN: 104 °C 03/04/2022 11:00 TEMP4 OUT: 104 °C 03/04/2022 12:30

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	LB119004BL	LB119004BL	1.3587	1.3587	100	1.3588	1.3588	1.3588	0.0001	1
2	LB119004BS	LB119004BS	1.3653	1.3653	100	1.4185	1.4185	1.4185	0.0532	532
3	N1778-01	001	1.3993	1.3993	1000	1.4148	1.4148	1.4148	0.0155	15.5
4	N1778-02	002	1.4026	1.4026	1000	1.4027	1.4027	1.4027	0.0001	0.1
5	N1780-01	DRAIN-WATER-TANK-1	1.4023	1.4023	50	1.4157	1.4157	1.4157	0.0134	268
6	N1781-01	TOWER-1	1.3887	1.3887	1000	1.3954	1.3954	1.3954	0.0067	6.7
7	N1781-02	TOWER-2	1.3899	1.3899	1000	1.3978	1.3978	1.3978	0.0079	7.9
8	N1782-01	DSN002	1.4032	1.4032	300	1.4114	1.4114	1.4114	0.0082	27.3
9	N1782-03	DSN001	1.3994	1.3994	600	1.4092	1.4092	1.4092	0.0098	16.3
10	N1782-05	RWS003	1.3897	1.3897	1000	1.3957	1.3957	1.3957	0.0060	6
11	N1782-05DUP	RWS003DUP	1.4017	1.4017	1000	1.4080	1.4080	1.4080	0.0063	6.3

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 = $\frac{D}{A} \times 1000 \times 1000$