



TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: apatel

ANALYST: Aparna

Date: 04/01/2019

Run Number: LB101775

BalanceID: WC SC-3

OvenID: WC-OVEN-2

FilterID: 15028095

ThermometerID: WET-OVEN 2

TEMP1 IN: 103 04/01/2019 07:00 TEMP OUT: 104 04/01/2019 08:05

TEMP2 IN: 104 04/01/2019 08:45 TEMP OUT: 104 04/01/2019 10:00

TEMP3 IN: 105 04/01/2019 11:00 TEMP OUT: 105 04/01/2019 12:40

TEMP4 IN: 105 04/01/2019 13:20 TEMP OUT: 105 04/01/2019 15:00

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 @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	LB101775BL	LB101775BL	1.4023	1.4023	100	1.4023	1.4023	1.4023	0.0000	0
2	LB101775BS	LB101775BS	1.3968	1.3968	100	1.4470	1.4470	1.4470	0.0502	502
3	K2177-01	032819-LIFT-E-D-B	1.3946	1.3946	200	1.4007	1.4007	1.4007	0.0061	30.5
4	K2177-01DUP	032819-LIFT-E-D-BDUP	1.4057	1.4057	200	1.4118	1.4118	1.4118	0.0061	30.5
5	K2177-02	032819-LIFT-E-D-M	1.4053	1.4053	400	1.4145	1.4145	1.4145	0.0092	23
6	K2177-03	032819-LIFT-E-D-S	1.4166	1.4166	400	1.4245	1.4245	1.4245	0.0079	19.8
7	K2177-04	032819-LIFT-E-U-B	1.4128	1.4128	400	1.4222	1.4222	1.4222	0.0094	23.5
8	K2177-05	032819-LIFT-E-U-M	1.4043	1.4043	400	1.4121	1.4121	1.4121	0.0078	19.5
9	K2177-06	032819-LIFT-E-U-S	1.4024	1.4024	400	1.4081	1.4081	1.4081	0.0057	14.3
10	K2177-07	032819-DBRI-E-D-M	1.4015	1.4015	400	1.4102	1.4102	1.4102	0.0087	21.8
11	K2177-08	032819-DBRI-E-U-M	1.4140	1.4140	400	1.4229	1.4229	1.4229	0.0089	22.3

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

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

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