

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: apatel

ANALYST: DHVANI

Date: 10/16/2017

DATE & TIME IN: 10/16/2017 13:00

OVEN TEMP: 103 °C

Run Number: LB90833

DATE & TIME OUT: 10/16/2017 16:10

OVEN TEMP: 105 °C

BalanceID: WC SC-3

OvenID: WC 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 @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	LB90833BL	LB90833BL	1.4295	1.4295	100	1.4295	1.4295	1.4295	0	0
2	LB90833BS	LB90833BS	1.4266	1.4266	100	1.4769	1.4769	1.4769	0.0503	503
3	I5883-01	101217-TIFR-E-U-B	1.4216	1.4216	200	1.4292	1.4292	1.4292	0.0076	38
4	I5883-01DUP	101217-TIFR-E-U-BDUP	1.4155	1.4155	200	1.4233	1.4233	1.4233	0.0078	39
5	I5883-02	101217-TIFR-E-U-M	1.424	1.424	400	1.43	1.43	1.43	0.006	15
6	I5883-03	101217-TIFR-E-U-S	1.4315	1.4315	400	1.4372	1.4372	1.4372	0.0057	14.3
7	I5884-01	101217-TIDO-E-D-M	1.4165	1.4165	400	1.4277	1.4277	1.4277	0.0112	28
8	I5884-02	101217-TIDO-E-U-M	1.4164	1.4164	400	1.4318	1.4318	1.4318	0.0154	38.5
9	I5884-03	101217-TIFR-E-D-B	1.4193	1.4193	400	1.4336	1.4336	1.4336	0.0143	35.8
10	I5884-04	101217-TIFR-E-D-M	1.4174	1.4174	300	1.4296	1.4296	1.4296	0.0122	40.7
11	I5884-05	101217-TIFR-E-D-S	1.43	1.43	400	1.4428	1.4428	1.4428	0.0128	32

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)

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

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