



Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB117803

Analysis Date: 12/15/2021

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: apatel

Extraction Date: 12/15/2021

Extraction IN Time: 09:00

Extraction OUT Time: 09:30

Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB117803BL	LB117803BL	WATER	1.3	1000	100	2.9631	2.9631	0	2.9632	2.9632	0.0001	0.1
2	LB117803BS	LB117803BS	WATER	1.3	1000	100	3.0253	3.0253	0	3.0425	3.0425	0.0172	17.2
3	M5085-01	DRAIN-WATER-TANK-1	WATER	1.3	1000	100	2.8868	2.8868	0	2.9078	2.9078	0.0210	21
4	M5085-02	M5085-01MS	WATER	1.3	1000	100	3.1967	3.1967	0	3.2375	3.2375	0.0408	40.8
5	M5085-03	M5085-01MSD	WATER	1.3	1000	100	3.1052	3.1052	0	3.1461	3.1461	0.0409	40.9
6	M5092-01	PATAPSCO-FEED-SLUDGE	WATER	1.6	1000	100	3.0935	3.0935	0	3.1366	3.1366	0.0431	43.1



QC Batch# LB117803 Test: Oil and Grease Analysis Date: 12/15/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2870
pH Paper 0-14	M4909
Sodium Sulfate	EP2206
1:1 HCL	WP92935
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP92936
LCSWD	NA	NA
MS/MSD	2.5 ML	WP92937

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance:	<u>0.0019</u>	(0.0018-0.0022)	In OVEN TEMP1 :	<u>70 °C</u>	Dessicator Time In1	<u>10:16</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time1:	<u>09:40</u>		
Bal Check Time:	<u>09:10</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>11:00</u>
			Out Time1	<u>10:15</u>		

After Analysis

0.0020 gram Balance:	<u>0.0021</u>	(0.0018-0.0022)	In OVEN TEMP2 :	<u>71 °C</u>	Dessicator Time In2	<u>12:01</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time2:	<u>11:30</u>		
Bal Check Time:	<u>13:00</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>12:35</u>
			Out Time2:	<u>12:00</u>		

WORKLIST(Hardcopy Internal Chain)

LB 117803

WorkList Name : OIL & GREASE M5092 v. WorkList ID : 155195 Department : Wet-Chemistry Date : 12-15-2021 08:45:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/21/2021	Water	M5085-01	Oil and Grease	Conc H2SO4 tc	MAJO01	H11	DRAIN-WATER-TANK-1	12/14/2021	1664A
12/21/2021	Water	M5085-02	Oil and Grease	Conc H2SO4 tc	MAJO01	H11	M5085-01MS	12/14/2021	1664A
12/21/2021	Water	M5085-03	Oil and Grease	Conc H2SO4 tc	MAJO01	H11	M5085-01MSD	12/14/2021	1664A
12/27/2021	Water	M5092-01	Oil and Grease	Conc H2SO4 tc	SYNA01	H11	PATAPSCO-FEED-SLUD	12/13/2021	1664A

Date/Time 12-15-21 08:50
 Raw Sample Received by: JP LQC
 Raw Sample Relinquished by: CL SM

Date/Time 12-15-21 12:35
 Raw Sample Received by: CL SM
 Raw Sample Relinquished by: JP LQC