



Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB114830

Analysis Date: 06/07/2021

BalanceID: WC SC-4

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: apatel

Extraction Date: 06/07/2021

Extraction IN Time: 09:07

Extraction OUT Time: 13:20

Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Weight (g)	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	LB114830BL	LB114830BL	SOLID		20.01	100	3.1042	3.1042	0	3.1043	3.1043	0.0001	5
2	LB114830BS	LB114830BS	SOLID		20.05	100	3.1378	3.1378	0	3.1395	3.1395	0.0017	84.79
3	M2589-01	18-B7 (0-2)	SOLID		20.08	100	2.9798	2.9798	0	3.0539	3.0539	0.0741	3690.24
4	M2589-02	18-B7 (2-4)	SOLID		20.01	100	2.9194	2.9194	0	3.0695	3.0695	0.1501	7501.25
5	M2589-03	18-B7 (4-6)	SOLID		20.03	100	2.9209	2.9209	0	2.9782	2.9782	0.0573	2860.71
6	M2589-04	18-B8 (0-2)	SOLID		20.05	100	2.9856	2.9856	0	3.0155	3.0155	0.0299	1491.27
7	M2589-05	18-B8 (2-4)	SOLID		20.01	100	2.9256	2.9256	0	3.1155	3.1155	0.1899	9490.25
8	M2589-06	18-B8 (4-6)	SOLID		20	100	2.8848	2.8848	0	2.9252	2.9252	0.0404	2020
9	M2589-07	18-B9 (0-2)	SOLID		20.09	100	2.8333	2.8333	0	2.9988	2.9988	0.1655	8237.93
10	M2589-08	18-B9 (2-4)	SOLID		20.08	100	3.0407	3.0407	0	3.1056	3.1056	0.0649	3232.07
11	M2589-09	18-B9 (4-6)	SOLID		20.01	100	3.0228	3.0228	0	3.0391	3.0391	0.0163	814.59
12	M2589-10	FOUNDATION-EXCAVATION-	SOLID		20.02	100	2.9785	2.9785	0	3.0194	3.0194	0.0409	2042.96
13	M2589-11	18-B10 (0-2)	SOLID		20.06	100	3.0460	3.0460	0	3.2501	3.2501	0.2041	10174.5
14	M2589-12	18-B10 (2-4)	SOLID		20.04	100	2.9893	2.9893	0	3.0684	3.0684	0.0791	3947.11
15	M2589-13	18-B10 (4-6)	SOLID		20.02	100	3.0151	3.0151	0	3.0961	3.0961	0.0810	4045.95
16	M2589-13DUP	18-B10 (4-6) DUP	SOLID		20.08	100	3.0045	3.0045	0	3.0855	3.0855	0.0810	4033.86
17	M2589-13MS	18-B10 (4-6)	SOLID		20.09	100	2.9834	2.9834	0	3.0654	3.0654	0.0820	4081.63
18	M2589-13MSD	18-B10 (4-6)	SOLID		20.1	100	3.1195	3.1195	0	3.2020	3.2020	0.0825	4104.48
19	M2589-14	18-B11 (0-2)	SOLID		20.05	100	2.8613	2.8613	0	2.9099	2.9099	0.0486	2423.94
20	M2589-15	18-B11 (2-4)	SOLID		20.02	100	2.8717	2.8717	0	2.9615	2.9615	0.0898	4485.51
21	M2589-16	18-B11 (4-6)	SOLID		20.01	100	3.0720	3.0720	0	3.1793	3.1793	0.1073	5362.32
22	M2589-17	FOUNDATION-EXCAVATION-	SOLID		20	100	2.9512	2.9512	0	3.0478	3.0478	0.0966	4830
23	M2589-18	18-B12 (0-2)	SOLID		20.03	100	3.0341	3.0341	0	3.2232	3.2232	0.1891	9440.84
24	M2589-19	18-B12 (2-4)	SOLID		20.04	100	2.9900	2.9900	0	3.0794	3.0794	0.0894	4461.08

25	M2589-20	18-B12 (4-6)	SOLID		20.06	100	3.0367	3.0367	0	3.0844	3.0844	0.0477	2377.87
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QC Batch# LB114830

Test: Oil and Grease

Analysis Date: 06/07/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2804
pH Paper 0-14	NA
Sodium Sulfate	EP2157
1:1 HCL	NA
Silica Gel	NA
Sand	E2865

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSS	0.5ML	WP90951
LCSSD	NA	NA
MS/MSD	0.5ML	WP90955

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-3

Before Analysis

0.0020 gram Balance:	<u>0.0021</u>	(0.0018-0.0022)	In OVEN TEMP1 :	<u>72 °C</u>	Dessicator Time In1	<u>15:06</u>
1.0000 gram Balance:	<u>1.0001</u>	(0.9950-1.0050)	In Time1:	<u>14:30</u>		
Bal Check Time:	<u>10:15</u>		Out OVEN TEMP1:	<u>71 °C</u>	Dessicator Time Out1	<u>15:45</u>
			Out Time1	<u>15:05</u>		

After Analysis

0.0020 gram Balance:	<u>0.002</u>	(0.0018-0.0022)	In OVEN TEMP2 :	<u>71 °C</u>	Dessicator Time In2	<u>16:39</u>
1.0000 gram Balance:	<u>1.0001</u>	(0.9950-1.0050)	In Time2:	<u>16:05</u>		
Bal Check Time:	<u>17:30</u>		Out OVEN TEMP2:	<u>70 °C</u>	Dessicator Time Out2	<u>17:11</u>
			Out Time2:	<u>16:38</u>		

18114830

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OIL & GREASE M2589 S WorkList ID : 149597 Department : Wet-Chemistry Date : 06-07-2021 08:15:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/09/2021	Solid	M2589-01	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B7(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-02	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B7(2-4)	06/02/2021	9071B
06/09/2021	Solid	M2589-03	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B7(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-04	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B8(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-05	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B8(2-4)	06/02/2021	9071B
06/09/2021	Solid	M2589-06	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B8(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-19	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B12(2-4)	06/02/2021	9071B
06/09/2021	Solid	M2589-20	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B12(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-13	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B10(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-14	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B11(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-15	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B11(2-4)	06/02/2021	9071B
06/09/2021	Solid	M2589-16	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B11(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-17	Oil and Grease	Cool 4 deg C	WALS01	F11	FOUNDATION-EXCAVAT	06/02/2021	9071B
06/09/2021	Solid	M2589-18	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B12(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-07	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B9(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-08	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B9(2-4)	06/02/2021	9071B
06/09/2021	Solid	M2589-09	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B9(4-6)	06/02/2021	9071B
06/09/2021	Solid	M2589-10	Oil and Grease	Cool 4 deg C	WALS01	F11	FOUNDATION-EXCAVAT	06/02/2021	9071B
06/09/2021	Solid	M2589-11	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B10(0-2)	06/02/2021	9071B
06/09/2021	Solid	M2589-12	Oil and Grease	Cool 4 deg C	WALS01	F11	18-B10(2-4)	06/02/2021	9071B