



Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB116775

Analysis Date: 10/11/2021

BalanceID: WC SC-06

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: apatel

Extraction Date: 10/11/2021

Extraction IN Time: 08:25

Extraction OUT Time: 09:00

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	LB116775BL	LB116775BL	SOLID		20.02	100	3.0479	3.0479	0	3.0480	3.0480	0.0001	5
2	LB116775BS	LB116775BS	SOLID		20.03	100	3.0417	3.0417	0	3.0434	3.0434	0.0017	84.87
3	M4068-03	MDL-SOIL-03-QT4-2021	SOLID		20.04	100	3.1863	3.1863	0	3.1865	3.1865	0.0002	9.98
4	M4111-01	GROWS-1	SOLID		20.03	100	3.0743	3.0743	0	3.0744	3.0744	0.0001	4.99
5	M4111-04	GROWS-2	SOLID		20.04	100	2.9679	2.9679	0	2.9680	2.9680	0.0001	4.99
6	M4111-07	GROWS-3	SOLID		20.03	100	3.0539	3.0539	0	3.0541	3.0541	0.0002	9.99
7	M4111-07DUP	GROWS-3DUP	SOLID		20.04	100	2.9253	2.9253	0	2.9255	2.9255	0.0002	9.98
8	M4111-07MS	GROWS-3	SOLID		20.02	100	2.9478	2.9478	0	2.9490	2.9490	0.0012	59.94
9	M4111-07MSD	GROWS-3	SOLID		20.03	100	3.1359	3.1359	0	3.1371	3.1371	0.0012	59.91



QC Batch# LB116775 Test: Oil and Grease Analysis Date: 10/11/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2870
pH Paper 0-14	NA
Sodium Sulfate	EP2196
1:1 HCL	WP92935
Silica Gel	NA
Sand	E2865

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSS	1.00 ML	WP92938
LCSSD	NA	NA
MS/MSD	1.00 ML	WP92939
LCSS	1.00 ML	WP92938
LCSSD	NA	NA
MS/MSD	1.00 ML	WP92939

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>10:26</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time1:	<u>09:30</u>		
Bal Check Time:	<u>08:35</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>11:00</u>
			Out Time1	<u>10:25</u>		

After Analysis

0.0020 gram Balance:	<u>0.0018</u>	(0.0018-0.0022)	In OVEN TEMP2 :	<u>71 °C</u>	Dessicator Time In2	<u>12:01</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>11:30</u>		
Bal Check Time:	<u>13:10</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)

✓ 116775

WorkList Name : oil & grese m3871 s WorkList ID : 153138 Department : Wet-Chemistry Date : 10-11-2021 08:15:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Solid	M4068-03	✓ Oil and Grease	Cool 4 deg C	CHEM02	QA Office	MDL-SOIL-03-QT4-2021	10/01/2021	9071B
10/12/2021	Solid	M4111-01	✓ Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-1	10/06/2021	9071B
10/12/2021	Solid	M4111-04	✓ Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-2	10/06/2021	9071B
10/12/2021	Solid	M4111-07	✓ Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-3	10/06/2021	9071B

Date/Time 10-11-21 08:20
 Raw Sample Received by: JP WCC
 Raw Sample Relinquished by: JP WCC

Date/Time 10-11-21 11:00
 Raw Sample Received by: JP WCC
 Raw Sample Relinquished by: JP WCC