



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB116740
Analysis Date: 10/08/2021
BalanceID: WC SC-06
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: apatel
Extraction Date: 10/08/2021
Extraction IN Time: 08:20
Extraction OUT Time: 08:40
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	LB116740BL	LB116740BL	WATER	1.3	1000	100	3.1347	3.1347	0	3.1348	3.1348	0.0001	0.1
2	LB116740BS	LB116740BS	WATER	1.3	1000	100	3.0641	3.0641	0	3.0812	3.0812	0.0171	17.1
3	LB116740BSD	LB116740BSD	WATER	1.3	1000	100	3.1574	3.1574	0	3.1744	3.1744	0.0170	17
4	M4111-03	GROWS-1	WATER	1.3	1000	100	2.9941	2.9941	0	2.9943	2.9943	0.0002	0.2
5	M4111-06	GROWS-2	WATER	1.3	1000	100	3.0671	3.0671	0	3.0674	3.0674	0.0003	0.3
6	M4111-09	GROWS-3	WATER	1.3	1000	100	3.1277	3.1277	0	3.1279	3.1279	0.0002	0.2
7	M4111-09DUP	GROWS-3DUP	WATER	1.3	1000	100	3.0652	3.0652	0	3.0654	3.0654	0.0002	0.2
8	M4111-09MS	GROWS-3	WATER	1.3	1000	100	2.9481	2.9481	0	2.9680	2.9680	0.0199	19.9
9	M4111-09MSD	GROWS-3	WATER	1.3	1000	100	2.8714	2.8714	0	2.8915	2.8915	0.0201	20.1



QC Batch# LB116740 Test: ASTM Oil and Grease Analysis Date: 10/08/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2870
pH Paper 0-14	M4909
Sodium Sulfate	EP2196
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>10:01</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time1:	<u>09:20</u>		
Bal Check Time:	<u>08:30</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>10:30</u>
			Out Time1	<u>10:00</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>11:31</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time2:	<u>11:00</u>		
Bal Check Time:	<u>12:30</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>12:00</u>
			Out Time2:	<u>11:30</u>		

WORKLIST(Hardcopy Internal Chain)

116740

WorkList Name : astm oil & grease m4111 WorkList ID : 153063 Department : Wet-Chemistry Date : 10-08-2021 08:04:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/12/2021	Solid	M4111-03	ASTM Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-1	10/06/2021	1664A
10/12/2021	Solid	M4111-06	ASTM Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-2	10/06/2021	1664A
10/12/2021	Solid	M4111-09	ASTM Oil and Grease	Cool 4 deg C	PSEG03	K11	GROWS-3	10/06/2021	1664A

Date/Time 10/08/21 08:11

Raw Sample Received by: JD (WC)

Raw Sample Relinquished by: JD (WC)

Date/Time 10/08/21 10:30

Raw Sample Received by: JD (WC)

Raw Sample Relinquished by: JD (WC)