



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB116999
Analysis Date: 10/25/2021
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: apatel
Extraction Date: 10/25/2021
Extraction IN Time: 11:00
Extraction OUT Time: 11:30
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	LB116999BL	LB116999BL	WATER	1.3	1000	100	3.0417	3.0417	0	3.0418	3.0418	0.0001	0.1
2	LB116999BS	LB116999BS	WATER	1.3	1000	100	3.1853	3.1853	0	3.2021	3.2021	0.0168	16.8
3	LB116999BSD	LB116999BSD	WATER	1.3	1000	100	2.8711	2.8711	0	2.8878	2.8878	0.0167	16.7
4	M4330-03	JET-GROUT-SPOILS	WATER	1.3	1000	100	2.8879	2.8879	0	2.8882	2.8882	0.0003	0.3
5	M4330-03DUP	JET-GROUT-SPOILSDUP	WATER	1.3	1000	100	2.9155	2.9155	0	2.9157	2.9157	0.0002	0.2
6	M4330-03MS	JET-GROUT-SPOILS	WATER	1.3	1000	100	3.0477	3.0477	0	3.0677	3.0677	0.0200	20
7	M4330-03MSD	JET-GROUT-SPOILS	WATER	1.3	1000	100	3.1306	3.1306	0	3.1504	3.1504	0.0198	19.8



QC Batch# LB116999 Test: ASTM Oil and Grease Analysis Date: 10/25/2021

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	2.5 ML	WP92937
MS/MSD	2.5 ML	WP92936

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance:	<u>0.0018</u>	(0.0018-0.0022)	In OVEN TEMP1 :	<u>70 °C</u>	Dessicator Time In1	<u>12:41</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time1:	<u>12:00</u>		
Bal Check Time:	<u>11:11</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>13:20</u>
			Out Time1	<u>12:40</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>14:31</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>14:00</u>		
Bal Check Time:	<u>15:25</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>15:00</u>
			Out Time2:	<u>14:30</u>		

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ASTM OIL & GREASE M WorkList ID : 153625 Department : Wet-Chemistry Date : 10-25-2021 10:47:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/29/2021	Solid	M4330-03	ASTM Oil and Grease	Cool 4 deg C	TULL02	D11	JET-GROUT-SPOILS	10/21/2021	1664A

Date/Time 10/25/21 10:50
 Raw Sample Received by: JP 1000
 Raw Sample Relinquished by: JP 1000

Date/Time 10/25/21 13:00
 Raw Sample Received by: JP 1000
 Raw Sample Relinquished by: JP 1000