



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB116492
Analysis Date: 09/24/2021
BalanceID: Wc Sc-06
OvenID: Ext Oven-03

ANALYST: jignesh
REVIEWED BY: apatel
Extraction Date: 09/24/2021
Extraction IN Time: 11:30
Extraction OUT Time: 11:55
Thermometer ID: Ext Oven#03

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	LB116492BL	LB116492BL	WATER	1.3	1000	100	3.0587	3.0587	0	3.0588	3.0588	0.0001	0.1
2	LB116492BS	LB116492BS	WATER	1.3	1000	100	3.1456	3.1456	0	3.1628	3.1628	0.0172	17.2
3	LB116492BSD	LB116492BSD	WATER	1.3	1000	100	2.9943	2.9943	0	3.0116	3.0116	0.0173	17.3
4	M3904-03	JET-GROUT-SOIL-STEEL-W	WATER	1.3	1000	100	3.0063	3.0063	0	3.0065	3.0065	0.0002	0.2
5	M3904-03DUP	JET-GROUT-SOIL-STEEL-W	WATER	1.3	1000	100	3.1423	3.1423	0	3.1425	3.1425	0.0002	0.2
6	M3904-03MS	JET-GROUT-SOIL-STEEL-W	WATER	1.3	1000	100	3.0258	3.0258	0	3.0451	3.0451	0.0193	19.3
7	M3904-03MSD	JET-GROUT-SOIL-STEEL-W	WATER	1.3	1000	100	3.1367	3.1367	0	3.1555	3.1555	0.0188	18.8



QC Batch# LB116492 **Test:** ASTM Oil and Grease **Analysis Date:** 09/24/2021

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>13:01</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time1:	<u>12:25</u>		
Bal Check Time:	<u>11:40</u>		Out OVEN TEMP1:	70 °C	Dessicator Time Out1	<u>13:30</u>
			Out Time1	13:00		

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>15:30</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 m3904

WorkList ID : 152580

Department : Wet-Chemistry

Date : 09-24-2021 11:23:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/28/2021	Solid	M3904-03	ASTM Oil and Grease	Cool 4 deg C	TULL02	J23	JET-GROUT-SOIL-STEE	09/23/2021	1664A

Date/Time 09/24/21 11:25
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 09/24/21 13:00
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: JP (WC)