



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB119446
Analysis Date: 03/31/2022
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: JIGNESH
REVIEWED BY: apatel
Extraction Date: 03/31/2022
Extraction IN Time: 09:55
Extraction OUT Time: 10:30
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	LB119446BL	LB119446BL	WATER	1.3	1000	100	3.0743	3.0743	0	3.0745	3.0745	0.0002	0.2
2	LB119446BS	LB119446BS	WATER	1.3	1000	100	2.7496	2.7496	0	2.7665	2.7665	0.0169	16.9
3	LB119446BSD	LB119446BSD	WATER	1.3	1000	100	2.8361	2.8361	0	2.8531	2.8531	0.0170	17
4	N2167-03	RAIL-PILE-1	WATER	1.3	1000	100	3.0809	3.0809	0	3.0810	3.0810	0.0001	0.1
5	N2167-06	RAIL-PILE-2	WATER	1.3	1000	100	2.8227	2.8227	0	2.8229	2.8229	0.0002	0.2



QC Batch# LB119446 **Test:** ASTM Oil and Grease **Analysis Date:** 03/31/2022

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2885
pH Paper 0-14	M4909
Sodium Sulfate	EP2222
1:1 HCL	WP95586
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP95587
LCSWD	2.5 ML	WP95588
MS/MSD	NA	NA

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>12:00</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time1:	<u>10:40</u>		
Bal Check Time:	<u>10:15</u>		Out OVEN TEMP1:	70 °C	Dessicator Time Out1	<u>12:01</u>
			Out Time1	11:15		

After Analysis

0.0020 gram Balance:	<u>0.0019</u>	(0.0018-0.0022)	In OVEN TEMP2 :	<u>71 °C</u>	Dessicator Time In2	<u>13:01</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>12:30</u>		
Bal Check Time:	<u>13:35</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>13:30</u>
			Out Time2:	<u>13:00</u>		

WORKLIST(Hardcopy Internal Chain)

WorkList Name : astm n2167 oil & grease WorkList ID : 158243 Department : Wet-Chemistry Date : 03-31-2022 09:35:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Collect Date	Method
						Storage	Location		
04/11/2022	Solid	N2167-03	ASTM Oil and Grease	Cool 4 deg C	TRCE06	E11	RAIL-PILE-1	03/29/2022	1664A
04/11/2022	Solid	N2167-06	ASTM Oil and Grease	Cool 4 deg C	TRCE06	E11	RAIL-PILE-2	03/29/2022	1664A

Date/Time 03/31/22 09:40
 Raw Sample Received by: JD (WC)
 Raw Sample Relinquished by: JD (WC)

Date/Time 03/31/22 12:00
 Raw Sample Received by: JD (WC)
 Raw Sample Relinquished by: JD (WC)