



Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB119433

Analysis Date: 03/30/2022

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: apatel

Extraction Date: 03/30/2022

Extraction IN Time: 11:30

Extraction OUT Time: 12:20

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	LB119433BL	LB119433BL	SOLID		20.03	100	2.9634	2.9634	0	2.9635	2.9635	0.0001	4.99
2	LB119433BS	LB119433BS	SOLID		20.04	100	2.8147	2.8147	0	2.8165	2.8165	0.0018	89.82
3	LB119433BSD	LB119433BSD	SOLID		20.02	100	2.7853	2.7853	0	2.7872	2.7872	0.0019	94.91
4	N2167-01	RAIL-PILE-1	SOLID		10.01	100	2.8727	2.8727	0	2.9458	2.9458	0.0731	7302.7
5	N2167-04	RAIL-PILE-2	SOLID		20.03	100	2.8382	2.8382	0	2.8853	2.8853	0.0471	2351.47



QC Batch# LB119433 Test: Oil and Grease Analysis Date: 03/30/2022

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2885
pH Paper 0-14	NA
Sodium Sulfate	EP2222
1:1 HCL	NA
Silica Gel	NA
Sand	E2865

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSS	1.00 ML	WP95589
LCSSD	1.00 ML	WP95590
MS/MSD	NA	NA

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance:	0.0018	(0.0018-0.0022)	In OVEN TEMP1 :	70 °C	Dessicator Time In1	13:26
1.0000 gram Balance:	1.0004	(0.9950-1.0050)	In Time1:	12:45		
Bal Check Time:	11:45		Out OVEN TEMP1:	70 °C	Dessicator Time Out1	14:00
			Out Time1	13:25		

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>15:01</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time2:	<u>14:30</u>		
Bal Check Time:	<u>15:40</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>15:30</u>
			Out Time2:	15:00		

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OIL & GREASE N2167 S

WorkList ID : 158212

Department : Wet-Chemistry

Date : 03-30-2022 11:20:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/11/2022	Solid	N2167-01	Oil and Grease	Cool 4 deg C	TRCE06	E11	RAIL-PILE-1	03/29/2022	9071B
04/11/2022	Solid	N2167-04	Oil and Grease	Cool 4 deg C	TRCE06	E11	RAIL-PILE-2	03/29/2022	9071B

Date/Time 03/30/22 11:22
 Raw Sample Received by: JB (WOC)
 Raw Sample Relinquished by: JB (WOC)

Date/Time 03/30/22 14:00
 Raw Sample Received by: JB (WOC)
 Raw Sample Relinquished by: JB (WOC)