



Extraction and Analytical Summary Report

Analysis Method: 9071B

Test: Oil and Grease

Run Number: LB113317

Analysis Date: 03/02/2021

BalanceID: WC SC-3

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: apatel

Extraction Date: 03/02/2021

Extraction IN Time: 08:20

Extraction OUT Time: 09:00

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	LB113317BL	LB113317BL	SOLID		20.03	100	3.1547	3.1547	5.01	3.1547	3.1547	0.0000	0
2	LB113317BS	LB113317BS	SOLID		20.01	100	3.0895	3.0895	3.02	3.0913	3.0913	0.0018	89.96
3	LB113317BSD	LB113317BSD	SOLID		20.04	100	2.9515	2.9515	3.03	2.9533	2.9533	0.0018	89.82
4	M1458-01	LOD-MDL-SOIL-01-QT1-20	SOLID		20.03	100	3.0599	3.0599	3.04	3.0601	3.0601	0.0002	9.99
5	M1458-02	LOQ-SOIL-02-QT1-2021	SOLID		20.02	100	3.0181	3.0181	3.02	3.0185	3.0185	0.0004	19.98
6	M1475-01	WA-CON	SOLID		20.03	100	2.9192	2.9192	3.01	2.9193	2.9193	0.0001	4.99
7	M1475-01DUP	WA-CONDUP	SOLID		20.04	100	2.8741	2.8741	3.02	2.8742	2.8742	0.0001	4.99
8	M1475-01MS	WA-CON	SOLID		20.03	100	3.0145	3.0145	3.03	3.0162	3.0162	0.0017	84.87
9	M1475-01MSD	WA-CON	SOLID		20.02	100	3.0877	3.0877	3.04	3.0894	3.0894	0.0017	84.92
10	M1476-01	ML-CON	SOLID		20.01	100	3.0790	3.0790	3.03	3.0792	3.0792	0.0002	10



QC Batch# LB113317 Test: Oil and Grease Analysis Date: 03/02/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2765
pH Paper 0-14	NA
Sodium Sulfate	EP2128
1:1 HCL	NA
Silica Gel	NA
Sand	E2865

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSS	1.00 ML	WP88885
LCSSD	1.00 ML	WP88739
MS/MSD	1.00 ML	WP88739

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-3

Before Analysis

0.0020 gram Balance:	0.0019	(0.0018-0.0022)	In OVEN TEMP1 :	70 °C	Dessicator Time In1	10:22
1.0000 gram Balance:	1.0005	(0.9950-1.0050)	In Time1:	09:40		
Bal Check Time:	08:35		Out OVEN TEMP1:	70 °C	Dessicator Time Out1	11:00
			Out Time1	10:20		

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>12:13</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>11:35</u>		
Bal Check Time:	<u>13:15</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>12:45</u>
			Out Time2:	<u>12:10</u>		

WORKLIST(Hardcopy Internal Chain)

LB 11331*

WorkList Name : O & G M1475 WorkList ID : 146763 Department : Wet-Chemistry Date : 03-02-2021 08:15:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Solid	M1458-01	✓ Oil and Grease	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-SOIL-01-QT1-2021	02/19/2021	9071B
03/11/2021	Solid	M1458-02	✓ Oil and Grease	Cool 4 deg C	CHEM02	QA Office	LOQ-SOIL-02-QT1-2021	02/19/2021	9071B
03/03/2021	Solid	M1475-01	✗ Oil and Grease	Cool 4 deg C	PSEG03	I21	WA-CON	02/24/2021	9071B
03/03/2021	Solid	M1476-01	✗ Oil and Grease	Cool 4 deg C	PSEG03	I21	ML-CON	02/24/2021	9071B

Date/Time 03/02/2021 8:20
 Received by: JP (Jett Perry)
 Relinquished by: KS (Webster)

Date/Time 03-02-2021 11:00
 Received by: KS (Webster)
 Relinquished by: JP (Jett Perry)