

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB137345
Analysis Date: 09/26/2025
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: Iwona
REVIEWED BY: Sohil
Extraction Date: 09/26/2025
Extraction IN Time: 14:10
Extraction OUT Time: 14:50
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Weight (g)	Final Volume (ml)	Empty Dish Weight (g)	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	LB137345BL	LB137345BL	WATER	2	1000	100	3.1054	3.1054	0	3.1055	3.1055	0.0001	0.1
2	LB137345BS	LB137345BS	WATER	2	1000	100	3.0474	3.0474	0	3.0645	3.0645	0.0171	17.1
3	Q3181-04	WC-A3-01-C	WATER	2	1000	100	2.9347	2.9347	0	2.9350	2.9350	0.0003	0.3
4	Q3181-04DUP	WC-A3-01-CDUP	WATER	2	1000	100	3.1147	3.1147	0	3.1150	3.1150	0.0003	0.3
5	Q3181-04MS	WC-A3-01-C	WATER	2	1000	100	3.1033	3.1033	0	3.1207	3.1207	0.0174	17.4
6	Q3181-04MSD	WC-A3-01-C	WATER	2	1000	100	2.9674	2.9674	0	2.9846	2.9846	0.0172	17.2
7	Q3181-08	WC-A3-02-C	WATER	2	1000	100	2.9224	2.9224	0	2.9228	2.9228	0.0004	0.4
8	Q3181-12	WC-A3-03-C	WATER	2	1000	100	3.0116	3.0116	0	3.0119	3.0119	0.0003	0.3

QC Batch# LB137345

Test: ASTM Oil and Grease

Analysis Date: 09/26/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3240
pH Paper 0-14	M6069
Sodium Sulfate	EP2629
1:1 HCL	WP114934
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP112783
LCSWD	NA	NA
MS/MSD	2.5 ML	WP112784

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 : 15:43

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 15:00

Bal Check Time: 14:15 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 16:15

Out Time1: 15:42

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 17:16

1.0000 gram Balance: 1.0002 (0.9950-1.0050) In Time2: 16:45

Bal Check Time: 17:47 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 17:45

Out Time2: 17:15

WORKLIST(Hardcopy Internal Chain)

137345 28
137335
NR

WorkList Name : astm oil & grease q3181 WorkList ID : 192128 Department : Wet-Chemistry Date : 09-26-2025 13:25:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3181-04	WC-A3-01-C	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J33	09/24/2025	1664A
Q3181-08	WC-A3-02-C	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J33	09/24/2025	1664A
Q3181-12	WC-A3-03-C	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J33	09/24/2025	1664A

Date/Time 09/26/25 14:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 09/26/25 18:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]