

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB132214
Analysis Date: 08/30/2024
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 08/30/2024
Extraction IN Time: 08:00
Extraction OUT Time: 08:35
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	LB132214BL	LB132214BL	WATER	1.3	1000	100	2.8563	2.8563	0	2.8564	2.8564	0.0001	0.1
2	LB132214BS	LB132214BS	WATER	1.3	1000	100	2.9187	2.9187	0	2.9354	2.9354	0.0167	16.7
3	P3751-03	WC-CMC-ESLAG-1	WATER	1.3	1000	100	2.7403	2.7403	0	2.7406	2.7406	0.0003	0.3
4	P3751-03DUP	WC-CMC-ESLAG-1DUP	WATER	1.3	1000	100	2.8269	2.8269	0	2.8271	2.8271	0.0002	0.2
5	P3751-03MS	WC-CMC-ESLAG-1	WATER	1.3	1000	100	3.1477	3.1477	0	3.1678	3.1678	0.0201	20.1
6	P3751-03MSD	WC-CMC-ESLAG-1	WATER	1.3	1000	100	3.0894	3.0894	0	3.1099	3.1099	0.0205	20.5



QC Batch# LB132214 Test: ASTM Oil and Grease Analysis Date: 08/30/2024

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3110
pH Paper 0-14	M4909
Sodium Sulfate	EP2530
1:1 HCL	WP108566
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP108567
LCSWD	NA	NA
MS/MSD	2.5 ML	WP108568

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance:	<u>0.0018</u>	(0.0018-0.0022)	In OVEN TEMP1 :	<u>70 °C</u>	Dessicator Time In1	<u>10:11</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time1:	<u>09:25</u>		
Bal Check Time:	<u>08:10</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>11:00</u>
			Out Time1	<u>10:10</u>		

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>12:02</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>11:30</u>		
Bal Check Time:	<u>12:39</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>12:37</u>
			Out Time2:	12:00		

WORKLIST(Hardcopy Internal Chain)

UP 132214

WorkList Name : astm oil & grease p3751 WorkList ID : 183063 Department : Wet-Chemistry Date : 08-30-2024 07:48:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3751-03	WC-CMC-ESLAG-1	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	D21	08/26/2024	1664A

Date/Time 08/30/24 07:50
Raw Sample Received by: JB CMC1
Raw Sample Relinquished by: JB CMC1

Date/Time 08/30/24 11:00
Raw Sample Received by: JB CMC1
Raw Sample Relinquished by: JB CMC1