

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB132564
Analysis Date: 09/24/2024
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 09/24/2024
Extraction IN Time: 10:15
Extraction OUT Time: 11:00
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	LB132564BL	LB132564BL	WATER	1.3	1000	100	2.5634	2.5634	0	2.5635	2.5635	0.0001	0.1
2	LB132564BS	LB132564BS	WATER	1.3	1000	100	3.0529	3.0529	0	3.0695	3.0695	0.0166	16.6
3	P4103-03	WC-22A	WATER	1.3	1000	100	3.1408	3.1408	0	3.1412	3.1412	0.0004	0.4
4	P4103-03DUP	WC-22ADUP	WATER	1.3	1000	100	2.8057	2.8057	0	2.8061	2.8061	0.0004	0.4
5	P4103-03MS	WC-22A	WATER	1.3	1000	100	2.9188	2.9188	0	2.9390	2.9390	0.0202	20.2
6	P4103-03MSD	WC-22A	WATER	1.3	1000	100	3.1503	3.1503	0	3.1704	3.1704	0.0201	20.1
7	P4103-06	WC-14-5-7.5A	WATER	1.3	1000	100	2.7401	2.7401	0	2.7408	2.7408	0.0007	0.7
8	P4103-09	WC-14-5-7.5B	WATER	1.3	1000	100	2.9786	2.9786	0	2.9792	2.9792	0.0006	0.6
9	P4103-12	WC-14-7.5-10A	WATER	1.6	1000	100	3.1988	3.1988	0	3.1996	3.1996	0.0008	0.8
10	P4103-15	WC-14-7.5-10B	WATER	1.6	1000	100	2.7533	2.7533	0	2.7540	2.7540	0.0007	0.7
11	P4103-18	WC-23	WATER	1.6	1000	100	2.9344	2.9344	0	2.9352	2.9352	0.0008	0.8



QC Batch# LB132564 **Test:** ASTM Oil and Grease **Analysis Date:** 09/24/2024

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3110
pH Paper 0-14	M6069
Sodium Sulfate	EP2540
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>12:26</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time1:	<u>11:45</u>		
Bal Check Time:	<u>10:25</u>		Out OVEN TEMP1:	<u>71 °C</u>	Dessicator Time Out1:	<u>13:00</u>
			Out Time1:	<u>12:25</u>		

After Analysis

0.0020 gram Balance:	<u>0.0019</u>	(0.0018-0.0022)	In OVEN TEMP2 :	<u>70 °C</u>	Dessicator Time In2 :	<u>13:41</u>
1.0000 gram Balance:	<u>1.0005</u>	(0.9950-1.0050)	In Time2:	<u>13:30</u>		
Bal Check Time:	<u>14:19</u>		Out OVEN TEMP2:	<u>70 °C</u>	Dessicator Time Out2:	<u>14:15</u>
			Out Time2:	<u>13:40</u>		

132564

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ASTM P4103 OIL & GRE WorkList ID : 183762 Department : Wet-Chemistry Date : 09-24-2024 10:01:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4103-03	WC-22A	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A
P4103-06	WC-14-5-7.5A	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A
P4103-09	WC-14-5-7.5B	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A
P4103-12	WC-14-7.5-10A	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A
P4103-15	WC-14-7.5-10B	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A
P4103-18	WC-23	Solid	ASTM Oil and Grease	Cool 4 deg C	ENTA05	J11	09/17/2024	1664A

Date/Time 09/24/24 10:10
Raw Sample Received by: [Signature] (WC)
Raw Sample Relinquished by: [Signature] (WC)

Date/Time 09/24/24 13:00
Raw Sample Received by: [Signature] (WC)
Raw Sample Relinquished by: [Signature] (WC)