



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: ASTM Oil and Grease
Run Number: LB114361
Analysis Date: 05/10/2021
BalanceID: WC SC-3
OvenID: EXT OVEN-3

ANALYST: JIGNESH
REVIEWED BY: apatel
Extraction Date: 05/10/2021
Extraction IN Time: 08:13
Extraction OUT Time: 08:37
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	LB114361BL	LB114361BL	WATER	1.3	1000	100	2.7869	2.7869	0	2.7870	2.7870	0.0001	0.1
2	LB114361BS	LB114361BS	WATER	1.3	1000	100	2.9917	2.9917	0	3.0089	3.0089	0.0172	17.2
3	LB114361BSD	LB114361BSD	WATER	1.3	1000	100	2.9741	2.9741	0	2.9915	2.9915	0.0174	17.4
4	M2323-03	AST2-COPR3-1	WATER	1.6	1000	100	2.8433	2.8433	0	2.8435	2.8435	0.0002	0.2
5	M2323-07	AST2-COPR2-1	WATER	1.3	1000	100	3.0855	3.0855	0	3.0857	3.0857	0.0002	0.2
6	M2323-07DUP	AST2-COPR2-1DUP	WATER	1.3	1000	100	3.1587	3.1587	0	3.1590	3.1590	0.0003	0.3
7	M2323-07MS	AST2-COPR2-1	WATER	1.3	1000	100	2.9658	2.9658	0	2.9857	2.9857	0.0199	19.9
8	M2323-07MSD	AST2-COPR2-1	WATER	1.3	1000	100	2.8147	2.8147	0	2.8341	2.8341	0.0194	19.4
9	M2323-10	AST2-WC1-A	WATER	1.3	1000	100	2.8702	2.8702	0	2.8703	2.8703	0.0001	0.1
10	M2323-12	AST2-WC1-C	WATER	1.3	1000	100	3.0746	3.0746	0	3.0748	3.0748	0.0002	0.2
11	M2323-14	AST2-WC1-D	WATER	1.3	1000	100	3.0137	3.0137	0	3.0139	3.0139	0.0002	0.2
12	M2323-16	AST2-WC1-E	WATER	1.6	1000	100	2.9858	2.9858	0	2.9859	2.9859	0.0001	0.1
13	M2323-18	AST2-WC3-A	WATER	1.6	1000	100	3.1798	3.1798	0	3.1799	3.1799	0.0001	0.1



QC Batch# LB114361 Test: ASTM Oil and Grease Analysis Date: 05/10/2021

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2804
pH Paper 0-14	M4588
Sodium Sulfate	EP2157
1:1 HCL	WP90244
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	5.00 ML	WP90245
LCSWD	5.00 ML	WP90246
MS/MSD	NA	NA

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-3

Before Analysis

0.0020 gram Balance:	<u>0.0019</u>	(0.0018-0.0022)	In OVEN TEMP1 :	<u>70 °C</u>	Dessicator Time In1	<u>09:42</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time1:	<u>09:15</u>		
Bal Check Time:	<u>08:25</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1	<u>10:25</u>
			Out Time1	<u>09:40</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>11:32</u>
1.0000 gram Balance:	<u>1.0003</u>	(0.9950-1.0050)	In Time2:	<u>11:10</u>		
Bal Check Time:	<u>12:35</u>		Out OVEN TEMP2:	<u>71 °C</u>	Dessicator Time Out2	<u>12:00</u>
			Out Time2:	<u>11:30</u>		

VB 114361

WORKLIST(Hardcopy Internal Chain)

WorkList Name : astm oil & grease m2323

WorkList ID : 148710

Department : Wet-Chemistry

Date : 05-10-21 08:07:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/11/2021	Solid	M2323-03	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-COPR3-1	05/05/2021	1664A
05/11/2021	Solid	M2323-07	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-COPR2-1	05/05/2021	1664A
05/11/2021	Solid	M2323-10	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-WC1-A	05/04/2021	1664A
05/11/2021	Solid	M2323-12	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-WC1-C	05/04/2021	1664A
05/11/2021	Solid	M2323-14	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-WC1-D	05/04/2021	1664A
05/11/2021	Solid	M2323-16	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-WC1-E	05/04/2021	1664A
05/11/2021	Solid	M2323-18	ASTM Oil and Grease	Cool 4 deg C	ENTA05	P61	AST2-WC3-A	05/04/2021	1664A

Date/Time 05/10/21 08:10

Raw Sample Received by: JP (wt Chem)

Raw Sample Relinquished by: CP SM

Date/Time 05/10/21 10:00

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JP (wt Chem)