



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Non-Polar Material
Run Number: LB124167
Analysis Date: 02/21/2023
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: Ayul
REVIEWED BY: Iwona
Extraction Date: 02/21/2023
Extraction IN Time: 08:20
Extraction OUT Time: 11:00
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	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	LB124167BL	LB124167BL	WATER	1.3	1000	100	3.5941	3.5941	3.02	3.5942	3.5942	0.0001	0.1
2	LB124167BS	LB124167BS	WATER	1.3	1000	100	3.0521	3.0521	3.01	3.0688	3.0688	0.0167	16.7
3	O1457-01	14B-1	WATER	1.6	1000	100	3.0415	3.0415	3.02	3.0417	3.0417	0.0002	0.2
4	O1457-02	14B-2	WATER	1.6	1000	100	3.0471	3.0471	3.03	3.0473	3.0473	0.0002	0.2
5	O1457-03	14B-3	WATER	1.6	1000	100	3.0528	3.0528	3.04	3.0541	3.0541	0.0013	1.3
6	O1457-04	14B-4	WATER	1.6	1000	100	3.0401	3.0401	3.02	3.0414	3.0414	0.0013	1.3
7	O1457-05	O1457-04MS	WATER	1.6	1000	100	3.0859	3.0859	3.01	3.1071	3.1071	0.0212	21.2
8	O1457-06	O1457-04MSD	WATER	1.6	1000	100	3.1652	3.1652	3.03	3.1865	3.1865	0.0213	21.3
9	O1469-01	14B-1	WATER	1.6	1000	100	3.1284	3.1284	3.04	3.1294	3.1294	0.0010	1
10	O1469-02	14B-2	WATER	1.6	1000	100	3.0352	3.0352	3.03	3.0364	3.0364	0.0012	1.2
11	O1469-03	14B-3	WATER	1.6	1000	100	3.0266	3.0266	3.02	3.0280	3.0280	0.0014	1.4
12	O1469-04	14B-4	WATER	1.6	1000	100	3.0857	3.0857	3.02	3.0873	3.0873	0.0016	1.6
13	O1469-05	O1469-04MS	WATER	1.6	1000	100	3.4859	3.4859	3.04	3.5075	3.5075	0.0216	21.6
14	O1469-06	O1469-04MSD	WATER	1.6	1000	100	3.0479	3.0479	3.03	3.0692	3.0692	0.0213	21.3
15	O1535-01	14B-1	WATER	1.6	1000	100	3.0225	3.0225	3.04	3.0231	3.0231	0.0006	0.6
16	O1535-02	14B-2	WATER	1.6	1000	100	3.1748	3.1748	3.04	3.1756	3.1756	0.0008	0.8
17	O1535-03	14B-3	WATER	1.6	1000	100	3.9685	3.9685	3.02	3.9691	3.9691	0.0006	0.6
18	O1535-04	14B-4	WATER	1.6	1000	100	3.1250	3.1250	3.04	3.1254	3.1254	0.0004	0.4
19	O1535-05	O1535-04MS	WATER	1.6	1000	100	3.6689	3.6689	3.02	3.6894	3.6894	0.0205	20.5
20	O1535-06	O1535-04MSD	WATER	1.6	1000	100	3.4178	3.4178	3.02	3.4380	3.4380	0.0202	20.2
21	O1547-01	14B-1	WATER	1.6	1000	100	3.5268	3.5268	3.07	3.5270	3.5270	0.0002	0.2
22	O1547-02	14B-2	WATER	1.6	1000	100	3.4151	3.4151	3.04	3.4154	3.4154	0.0003	0.3
23	O1547-03	14B-3	WATER	1.6	1000	100	3.0539	3.0539	3.02	3.0548	3.0548	0.0009	0.9
24	O1547-04	14B-4	WATER	1.6	1000	100	3.1744	3.1744	3.04	3.1750	3.1750	0.0006	0.6

25	O1547-05	O1547-04MS	WATER	1.6	1000	100	3.6968	3.6968	3.04	3.7173	3.7173	0.0205	20.5
26	O1547-06	O1547-04MSD	WATER	1.6	1000	100	3.2074	3.2074	3.03	3.2281	3.2281	0.0207	20.7



QC Batch# LB124167 Test: Non-Polar Material Analysis Date: 02/21/2023

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2969
pH Paper 0-14	M4909
Sodium Sulfate	EP2303
1:1 HCL	WP100035
Silica Gel	W2839
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	5.00 ML	WP100036
LCSWD	NA	NA
MS/MSD	5.00 ML	WP100037

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>12:31</u>
1.0000 gram Balance:	<u>1.0004</u>	(0.9950-1.0050)	In Time1:	<u>11:45</u>		
Bal Check Time:	<u>08:25</u>		Out OVEN TEMP1:	<u>70 °C</u>	Dessicator Time Out1:	<u>13:00</u>
			Out Time1:	<u>12:30</u>		

After Analysis

0.0020 gram Balance:	0.0021 (0.0018-0.0022)	In OVEN TEMP2 :	71 °C	Dessicator Time In2 :	14:26
1.0000 gram Balance:	1.0003 (0.9950-1.0050)	In Time2:	13:40		
Bal Check Time:	15:10	Out OVEN TEMP2:	71 °C	Dessicator Time Out2:	15:00
		Out Time2:	14:25		

WORKLIST(Hardcopy Internal Chain)

WorkList Name : NON POPLAR O1591

WorkList ID : 167542

Department : Wet-Chemistry

Date : 02-21-23 08:10:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/20/2023	Water	O1457-01	Non-Polar Material	Conc H2SO4	NEWY17	F12	14B-1	02/06/2023	1664A
02/20/2023	Water	O1457-02	Non-Polar Material	Conc H2SO4	NEWY17	F12	14B-2	02/06/2023	1664A
02/20/2023	Water	O1457-03	Non-Polar Material	Conc H2SO4	NEWY17	F12	14B-3	02/06/2023	1664A
02/20/2023	Water	O1457-04	Non-Polar Material	Conc H2SO4	NEWY17	F12	14B-4	02/06/2023	1664A
02/20/2023	Water	O1457-05	Non-Polar Material	Conc H2SO4	NEWY17	F12	O1457-04MS	02/06/2023	1664A
02/20/2023	Water	O1457-06	Non-Polar Material	Conc H2SO4	NEWY17	F12	O1457-04MSD	02/06/2023	1664A
02/20/2023	Water	O1469-01	Non-Polar Material	Conc H2SO4	NEWY17	F21	14B-1	02/07/2023	1664A
02/20/2023	Water	O1469-02	Non-Polar Material	Conc H2SO4	NEWY17	F21	14B-2	02/07/2023	1664A
02/20/2023	Water	O1469-03	Non-Polar Material	Conc H2SO4	NEWY17	F21	14B-3	02/07/2023	1664A
02/20/2023	Water	O1469-04	Non-Polar Material	Conc H2SO4	NEWY17	F21	14B-4	02/07/2023	1664A
02/20/2023	Water	O1469-05	Non-Polar Material	Conc H2SO4	NEWY17	F21	O1469-04MS	02/07/2023	1664A
02/20/2023	Water	O1469-06	Non-Polar Material	Conc H2SO4	NEWY17	F21	O1469-04MSD	02/07/2023	1664A
02/27/2023	Water	O1535-01	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-1	02/13/2023	1664A
02/27/2023	Water	O1535-02	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-2	02/13/2023	1664A
02/27/2023	Water	O1535-03	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-3	02/13/2023	1664A
02/27/2023	Water	O1535-04	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-4	02/13/2023	1664A
02/27/2023	Water	O1535-05	Non-Polar Material	Conc H2SO4	NEWY17	G22	O1535-04MS	02/13/2023	1664A
02/27/2023	Water	O1535-06	Non-Polar Material	Conc H2SO4	NEWY17	G22	O1535-04MSD	02/13/2023	1664A
02/27/2023	Water	O1547-01	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-1	02/14/2023	1664A
02/27/2023	Water	O1547-02	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-2	02/14/2023	1664A
02/27/2023	Water	O1547-03	Non-Polar Material	Conc H2SO4	NEWY17	G22	14B-3	02/14/2023	1664A

Date/Time 02-21-23 08:15

Raw Sample Received by: JPL (CWC)

Raw Sample Relinquished by: RM (CWC)

Date/Time 02-21-23

Raw Sample Received by: RM (CWC)

Raw Sample Relinquished by: JPL (CWC)

WORKLIST(Hardcopy Internal Chain)

12h/6+

WorkList Name : NON POPLAR O1591

WorkList ID : 167542

Department : Wet-Chemistry

Date : 02-20-2023 15:41:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/27/2023	Water	O1547-04	Non-Polar Material	Conc H2SO4 tr	NEWY17	G22	14B-4	02/14/2023	1664A
02/27/2023	Water	O1547-05	Non-Polar Material	Conc H2SO4 tr	NEWY17	G22	O1547-04MS	02/14/2023	1664A
02/27/2023	Water	O1547-06	Non-Polar Material	Conc H2SO4 tr	NEWY17	G22	O1547-04MSD	02/14/2023	1664A

Date/Time 02.21.23 08:15

Raw Sample Received by: RP (WC)

Raw Sample Relinquished by: RM (WC)

Date/Time 02.21.23 18:00

Raw Sample Received by: RM (WC)

Raw Sample Relinquished by: RP (WC)