



Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Non-Polar Material
Run Number: LB119425
Analysis Date: 03/30/2022
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: JIGNESH
REVIEWED BY: apatel
Extraction Date: 03/30/2022
Extraction IN Time: 08:25
Extraction OUT Time: 08:45
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	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	LB119425BL	LB119425BL	WATER	1.3	1000	100	2.8743	2.8743	3.02	2.8744	2.8744	0.0001	0.1
2	LB119425BS	LB119425BS	WATER	1.3	1000	100	2.8053	2.8053	3.01	2.8225	2.8225	0.0172	17.2
3	LB119425BSD	LB119425BSD	WATER	1.3	1000	100	2.9144	2.9144	3.03	2.9317	2.9317	0.0173	17.3
4	N2152-01	PIT-11-DEWATERING-EFFI	WATER	1.3	1000	100	2.9007	2.9007	3.04	2.9008	2.9008	0.0001	0.1
5	N2152-03	PIT-11-DEWATERING-EFFI	WATER	1.3	1000	100	2.9442	2.9442	3.02	2.9444	2.9444	0.0002	0.2



QC Batch# LB119425 Test: Non-Polar Material Analysis Date: 03/30/2022

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W2885
pH Paper 0-14	M4909
Sodium Sulfate	EP2222
1:1 HCL	WP95586
Silica Gel	W2839
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	5.00 ML	WP95587
LCSWD	5.00 ML	WP95588
MS/MSD	NA	NA

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 09:51
1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time1: 09:15
Bal Check Time: 08:35 Out OVEN TEMP1: 70 °C Dessicator Time Out1 10:25
Out Time1 09:50

After Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 11:31
1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time2: 11:00
Bal Check Time: 12:15 Out OVEN TEMP2: 71 °C Dessicator Time Out2 12:00
Out Time2: 11:30

SOP ID : M3060A,7196A-Hex.Chromium-25

SDG No : N/A

Start Digest Date: 03/29/2022 Time : 10:30 Temp : 93 °C

Matrix : SOIL

End Digest Date: 03/29/2022 Time : 11:30 Temp : 94 °C

Pipette ID : WC

Balance ID : WC SC-4

Hood ID : WC HOOD#3

Digestion tube ID : M5035

Block Thermometer ID : WC-Block#1

Block ID : WC S-1, WC S-2

Filter paper ID : 400171

Prep Technician Signature: 12

Weigh By : IZ

pH Meter ID : WC pH meter-1

Supervisor Signature: af

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50ml	W2606
PRE-DIGESTION SPIKE	2ml	WP94604
INSOLUBLE SPIKE	0.02gm	W2202
POST-DIGESTION SPIKE	2ml	WP94604
LCSS	1.0ML	WP94605

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4gm	W2423
PHOSPHATE BUFFER	0.5ML	WP93690
HEX. DIGESTION SOLN.	50ML	WP96081 pH:14.0
5M HNO3	5-7ML	WP93691
5N H2SO4	1-3ML	WP93692
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W2606
CAL2	CAL2	0.2ML	WP96044
CAL3	CAL3	0.5ML	WP96044
CAL4	CAL4	1ML	WP96044
CAL5	CAL5	0.2ML	WP94604
CAL6	CAL6	1ML	WP94604
CAL7	CAL7	2ML	WP94604
ICV	ICV	1ML	WP94605
ICB	ICB	2.5ML	W2606
CCV	CCV	1ML	WP94604
CCB	CCB	2.5ML	W2606

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

3/29/22

12

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Comment	Prep Pos
N1962-05	C-11-10-12	2.56	100	N/A	N/A	N/A	N/A	N/A
N1962-06	C-12-12-14	2.52	100	N/A	N/A	N/A	N/A	N/A
N1962-11	C-17-19-22	2.54	100	N/A	N/A	N/A	N/A	N/A
N1962-12	C-18-22-25	2.55	100	N/A	N/A	N/A	N/A	N/A
N2151-01	TR-04-032822	2.52	100	N/A	N/A	N/A	N/A	N/A
N2155-01	22L076-A	2.53	100	N/A	N/A	N/A	N/A	N/A
N2155-02	22L076-B	2.57	100	N/A	N/A	N/A	N/A	N/A
N2155-03	22L076-C	2.51	100	N/A	N/A	N/A	N/A	N/A
N2155-04	22L076-D	2.55	100	N/A	N/A	N/A	N/A	N/A
N2155-05	22L076-E	2.53	100	N/A	N/A	N/A	N/A	N/A
N2155-06	22L076-F	2.56	100	N/A	N/A	N/A	N/A	N/A
N2155-07	22L076-G	2.52	100	N/A	N/A	N/A	N/A	N/A
N2155-08	22L076-H	2.55	100	N/A	N/A	N/A	N/A	N/A
N2155-09	22L076-I	2.51	100	N/A	N/A	N/A	N/A	N/A
N2157-01	MHD	2.54	100	N/A	N/A	N/A	N/A	N/A
N2157-04	TP2	2.53	100	N/A	N/A	N/A	N/A	N/A
N2157-04DUP	TP2DUP	2.56	100	N/A	N/A	N/A	N/A	N/A
N2157-04MSPre	TP2MSPRE	2.55	100	N/A	N/A	N/A	N/A	N/A
N2157-04MS2Ins	TP2MS2INS	2.53	100	N/A	N/A	N/A	N/A	N/A
N2157-04MS3Post	TP2MS3POST	2.51	100	N/A	N/A	N/A	N/A	N/A
PB143725BL	PBS725	2.50	100	N/A	N/A	N/A	N/A	N/A
PB143725BS	LCS725	2.50	100	N/A	N/A	N/A	N/A	N/A