

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 03/25/2025

Extraction Start Time : 08:40

Extraction End Date : 03/25/2025

Extraction End Time : 16:15

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24218
Surrogate	1.0ML	5000 PPB	PP24196
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Acidified Na2SO4	N/A	EP2576
Sand	N/A	E2865
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2594
Methylene Chloride	N/A	E3904
1:3 SULPHURIC ACID	N/A	EP2587
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14150
Diazomethane	N/A	EP2588
Hexane	N/A	E3877
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ML Vial Lot # 03-40 BTS721.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/25/25	RP (Ext. Lab)	Y-Pest/NCB
16:20	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 03/25/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167293BL	HBLK293	Herbicide	30.02	N/A	ritesh	Evelyn	10			U2-1
PB167293BS	HLCS293	Herbicide	30.01	N/A	ritesh	Evelyn	10			2
Q1626-01	CO-32-1	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q1626-01MS	CO-32-1MS	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q1626-01MS D	CO-32-1MSD	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		5
Q1630-01	VNJ-206	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q1635-01	TP-2	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U3-1

* Extracts relinquished on the same date as received.

2
3/25/25