

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Extraction Start Date : 05/07/2025

Matrix : Solid

Extraction Start Time : 08:25

Weigh By: EH

Extraction By: RJ

Extraction End Date : 05/07/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 16:00

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 3,4,5,7

Supervisor By : RUPESH

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	PP24484
Surrogate	1.0ML	5000 PPB	PP24424
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	EP2600
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	E3930
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3933
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 BTS723.

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
5/7/25	RS (Ext Lab)	RS (Ext Lab)
16:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/07/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167891BL	HBLK891	Herbicide	30.01	N/A	ritesh	Evelyn	10			U6-1
PB167891BS	HLCS891	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q1947-01	MH-P	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q1947-05	MH-O	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q1951-01	MH-KK	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q1956-01	SB1-3-4	Herbicide	30.03	N/A	ritesh	Evelyn	10	M		6
Q1956-02	SB2-4-5	Herbicide	30.04	N/A	ritesh	Evelyn	10	M		U1-1
Q1956-03	Q1956-02MS	Herbicide	30.02	N/A	ritesh	Evelyn	10	M		2
Q1956-04	Q1956-02MSD	Herbicide	30.05	N/A	ritesh	Evelyn	10	M		3
Q1956-06	SB91-3-4	Herbicide	30.07	N/A	ritesh	Evelyn	10	M		4
Q1960-02	72-11933	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q1964-01	MH-LL	Herbicide	30.01	N/A	ritesh	Evelyn	10	A		6

* Extracts relinquished on the same date as received.

RS
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