

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Extraction Start Date : 05/14/2025

Matrix : Solid

Extraction Start Time : 08:30

Weigh By: EH

Extraction By: RJ

Extraction End Date : 05/14/2025

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	PP24552
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	EP2612
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	E3934
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
5/14/25	RS (Eut-qb)	Dr. Post-PCB Lab
16:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/14/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167996BL	HBLK996	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB167996BS	HLCS996	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q1982-01	TP-1	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		3
Q1982-02	TP-2B	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q1982-03	TP-3	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q1982-04	TP-4	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		6
Q1982-05	TP-5	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q1982-06	TP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		2
Q1982-07	TP-8	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q1982-08	TP-9	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q1982-08MS	TP-9MS	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		5
Q1982-08MS D	TP-9MSD	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		6
Q1984-01	OU4-PCS-TC-33-050725	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q1984-03	OU4-PCS-TC-34-050725	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		2
Q1984-05	OU4-PCS-TC-35-050725	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		3
Q1984-07	OU4-TS-24-050725	Herbicide Group1	30.06	N/A	ritesh	Evelyn	10	E		4
Q1984-09	OU4-TS-25-050725	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		5
Q1984-11	OU4-TS-26-050725	Herbicide Group1	30.09	N/A	ritesh	Evelyn	10	E		6
Q1984-13	OU4-TS-27-050725	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		U6-1
Q1984-15	OU4-TS-28-050725	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		2
Q2019-01	MH-K	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2020-01	TP-A	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4

