

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Extraction Start Date : 07/22/2025

Matrix : Solid

Extraction Start Time : 09:05

Weigh By: EH

Extraction By: RS

Extraction End Date : 07/22/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 17:00

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	PP24654
Surrogate	1.0ML	5000 PPB	PP24737
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	EP2626
Acidified Na2SO4	N/A	EP2621
Sand	N/A	E3951
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2616
Methylene Chloride	N/A	E3954
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3952
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3956
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
7/22/25	RS (Ext Lab)	RS (Ext Lab)
17:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168945BL	HBLK945	Herbicide Group1	30.01	N/A	RUPESH	Evelyn	10			U2-1
PB168945BS	HLC5945	Herbicide Group1	30.02	N/A	RUPESH	Evelyn	10			2
Q2638-01	OU4-TS-31-071725	Herbicide Group1	30.07	N/A	RUPESH	Evelyn	10	D		3
Q2638-03	OU4-TS-32-071725	Herbicide Group1	30.03	N/A	RUPESH	Evelyn	10	D		4
Q2638-05	OU4-TS-33-071725	Herbicide Group1	30.08	N/A	RUPESH	Evelyn	10	D		5
Q2638-07	OU4-TS-34-071725	Herbicide Group1	30.05	N/A	RUPESH	Evelyn	10	D		6
Q2638-09	OU4-TS-35-071725	Herbicide Group1	30.01	N/A	RUPESH	Evelyn	10	D		U3-1
Q2638-11	OU4-TS-36-071725	Herbicide Group1	30.06	N/A	RUPESH	Evelyn	10	D		2
Q2638-11MS	OU4-TS-36-071725MS	Herbicide Group1	30.03	N/A	RUPESH	Evelyn	10	D		3
Q2638-11MS D	OU4-TS-36-071725MSD	Herbicide Group1	30.07	N/A	RUPESH	Evelyn	10	D		4
Q2638-13	OU4-TS-37-071725	Herbicide Group1	30.04	N/A	RUPESH	Evelyn	10	D		5
Q2639-01	OU4-TS-38-071725	Herbicide Group1	30.08	N/A	RUPESH	Evelyn	10	D		6
Q2639-03	OU4-TS-39-071725	Herbicide Group1	30.04	N/A	RUPESH	Evelyn	10	D		U6-1
Q2639-05	OU4-TS-40-071725	Herbicide Group1	30.05	N/A	RUPESH	Evelyn	10	D		2
Q2639-07	OU4-TS-41-071725	Herbicide Group1	30.02	N/A	RUPESH	Evelyn	10	D		3
Q2639-09	OU4-TS-42-071725	Herbicide Group1	30.06	N/A	RUPESH	Evelyn	10	D		4
Q2639-11	OU4-TS-43-071725	Herbicide Group1	30.01	N/A	RUPESH	Evelyn	10	D		5
Q2639-13	OU4-TS-44-071725	Herbicide Group1	30.07	N/A	RUPESH	Evelyn	10	D		6
Q2649-01	WC-1	Herbicide	30.05	N/A	RUPESH	Evelyn	10	E		U1-1
Q2649-05	WC-2	Herbicide	30.09	N/A	RUPESH	Evelyn	10	E		2
Q2649-09	WC-3	Herbicide	30.03	N/A	RUPESH	Evelyn	10	E		3
Q2649-13	WC-4	Herbicide	30.02	N/A	RUPESH	Evelyn	10	E		4
Q2649-17	WC-5	Herbicide	30.04	N/A	RUPESH	Evelyn	10	E		5
Q2649-21	WC-6	Herbicide	30.08	N/A	RUPESH	Evelyn	10	E		6