

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: E3953

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:05

Extraction End Date : 10/22/2025

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continous 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	PP24929
Surrogate	1.0ML	5000 PPB	PP24916
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	EP2641
Acidified Na2SO4	N/A	EP2633
Sand	N/A	E3951
HCL	N/A	M6200
DI WATER	N/A	N/A
37% KOH	N/A	EP2648
Methylene Chloride	N/A	E3980
1:3 SULPHURIC ACID	N/A	EP2647
Ether	N/A	E3969
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2650
Hexane	N/A	E3978
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
10/22/25	RS (Ext-Lab)	SR Post-PCBL
16:50	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170221BL	HBLK221	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170221BS	HLCS221	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q3399-01	COMP-ROLLOFF	Herbicide	30.06	N/A	ritesh	Evelyn	10	C		3
Q3412-01	TP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		4
Q3412-01MS	TP-6MS	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q3412-01MS D	TP-6MSD	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		6

Rs
10/22