

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: 04/08/2025

Extraction Start Time: 09:35

Extraction End Date: 04/08/2025

Extraction End Time: 16:25

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	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	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	E3916
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
04/08/25	RP (Ext. Lab)	Y.P. Pest IPB
16:30	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 04/08/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167511BL	HBLK511	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10			U2-1
PB167511BS	HLCS511	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1712-01	Z-05A	Herbicide	30.07	N/A	ritesh	Evelyn	10	C		3
Q1712-01MS	Z-05AMS	Herbicide	30.06	N/A	ritesh	Evelyn	10	C		4
Q1712-01MS D	Z-05AMSD	Herbicide	30.02	N/A	ritesh	Evelyn	10	C		5
Q1712-05	TT-7	Herbicide	30.03	N/A	ritesh	Evelyn	10	C		6
Q1721-02	AU-05-040325	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q1730-01	OU4-VSL-15-040325	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10	E		2
Q1730-03	OU4-VSL-16-040325	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10	E		3
Q1730-05	OU4-VSL-17-040325	Herbicide Group1	30.06	N/A	ritesh	Evelyn	10	E		4
Q1730-07	OU4-PCS-TC-21-040325	Herbicide Group1	30.08	N/A	ritesh	Evelyn	10	E		5
Q1730-09	OU4-PCS-TC-22-040325	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		6
Q1730-11	OU4-PCS-TC-23-040325	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10	E		U6-1
Q1730-13	OU4-PCS-TC-24-040325	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		2
Q1730-15	OU4-PCS-TC-25-040325	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		3
Q1730-17	OU4-PCS-TC-26-040325	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10	E		4
Q1730-19	OU4-CF-15-040325	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		5
Q1732-01	TT-8	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		6
Q1737-01	RT3069	Herbicide	30.02	N/A	ritesh	Evelyn	10	D		U7-1

* Extracts relinquished on the same date as received.

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4/8/25