

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#: E3574

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 02/18/2025

Extraction Start Time : 13:16

Extraction End Date : 02/19/2025

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24079
Surrogate	1.0ML	5000 PPB	PP24078
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	EP2582
Acidified Na2SO4	N/A	EP2576
Sand	N/A	E2865
HCL	N/A	M6111
DI WATER	N/A	N/A
37% KOH	N/A	EP2563
Methylene Chloride	N/A	E3878
1:3 SULPHURIC ACID	N/A	EP2587
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14150
Diazomethane	N/A	EP2575
Hexane	N/A	E3872
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
12/19/25	RP (Set 2a3)	J. Post/PCB Lab
12:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 02/19/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166763BL	HBLK763	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10			U2-1
PB166763BS	HLCS763	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1372-01	AU-05-021425	Herbicide	30.04	N/A	ritesh	Evelyn	10	B		3
Q1372-01MS	AU-05-021425MS	Herbicide	30.09	N/A	ritesh	Evelyn	10	B		4
Q1372-01MS D	AU-05-021425MSD	Herbicide	30.07	N/A	ritesh	Evelyn	10	B		5
Q1382-01	OU4-PCS-TC-01-021725	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		6
Q1382-03	OU4-PCS-TC-02-021725	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		U3-1
Q1382-05	OU4-PCS-TC-03-021725	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10	E		2
Q1382-07	OU4-PCS-TC-04-021725	Herbicide Group1	30.09	N/A	ritesh	Evelyn	10	E		3
Q1382-09	OU4-PCS-TC-05-021725	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		4
Q1382-11	OU4-PCS-TC-06-021725	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		5
Q1382-13	OU4-PCS-TC-07-021725	Herbicide Group1	30.06	N/A	ritesh	Evelyn	10	E		6
Q1382-15	OU4-PCS-TC-08-021725	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		U4-1
Q1382-17	OU4-PCS-TC-09-021725	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		2
Q1382-19	OU4-PCS-TC-10-021725	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10	E		3

* Extracts relinquished on the same date as received.

2/19/25