

SOP ID: M8151A-Herbicide-23

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 : 08/18/2025

Extraction Start Time : 09:40

Extraction End Date : 08/18/2025

Extraction End Time : 17:30

Concentration By: EH

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	EP2633
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	EP2631
Hexane	N/A	E3962
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.Q2884-03 used Limited volume as sample is Oily Debris & Small Particles.

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
8/18/25	ROLEX-Lab	Dr. Pesh/Pes Lab
17:35	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 08/18/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169287BL	HBLK287	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10			U2-1
PB169287BS	HLCS287	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10			2
Q2879-01	OU4-TS-GRILLO-TSCP03-081425	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		3
Q2879-03	OU4-TS-GRILLO-TSCP04-081425	Herbicide Group1	30.09	N/A	ritesh	Evelyn	10	E		4
Q2879-05	OU4-TS-GRILLO-TSCP05-081425	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10	E		5
Q2879-07	OU4-TS-GRILLO-TSCP06-081425	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		6
Q2879-09	OU4-TS-GRILLO-TSCP07-081425	Herbicide Group1	30.08	N/A	ritesh	Evelyn	10	E		U3-1
Q2879-11	OU4-TS-GRILLO-TSCP08-081425	Herbicide Group1	30.06	N/A	ritesh	Evelyn	10	E		2
Q2879-13	OU4-TS-GRILLO-TSCP09-081425	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		3
Q2879-15	OU4-TS-GRILLO-TSCP10-081425	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		4
Q2879-17	OU4-TS-GRILLO-TSCP11-081425	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		5
Q2884-03	302	Herbicide	5.02	N/A	ritesh	Evelyn	10	C	Oily Debris+S.Partical	6
Q2888-01	VNJ-210	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U6-1
Q2888-01MS	VNJ-210MS	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		2
Q2888-01MS D	VNJ-210MSD	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		3

* Extracts relinquished on the same date as received.

Ry
8/18