

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: 3,4,5,7

Extraction Start Date: 05/23/2025

Extraction Start Time: 08:25

Extraction End Date: 05/23/2025

Extraction End Time: 16:00

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	PP24484
Surrogate	1.0ML	5000 PPB	PP24552
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	EP2612
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	E3939
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3938
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

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/23/25 16:05	RS (Ext Lab)	Y-P-RS+HPCB
	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/23/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168137BL	HBLK137	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168137BS	HLCS137	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q2092-01	VNJ-202	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q2093-01	SOIL-DRUM	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		4
Q2095-01	WCS-TP1	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q2095-05	WCS-TP2	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		6
Q2097-01	ETGI-357	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q2097-03	RBR200044	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q2097-05	RBR251675	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		3
Q2097-07	VNJ-244	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2097-09	ETGI-290	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2097-11	RT3419	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2097-13	RBR251372	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		U6-1
Q2097-15	72-12013	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		2
Q2097-17	RT-3888	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q2100-01	TP-16	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2100-02	TP-22	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q2100-03	TP-21	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2100-03MS	TP-21MS	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		U1-1
Q2100-03MS D	TP-21MSD	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		2
Q2100-04	TP-45	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		3
Q2101-01	TP-1-MHE	Herbicide	30.04	N/A	ritesh	Evelyn	10	C		4
Q2109-01	TP-02-MHF	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5

* Extracts relinquished on the same date as received.

RS
5/23