

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: 3,4,5,7

Extraction Start Date: 07/01/2025

Extraction Start Time: 10:00

Extraction End Date: 07/01/2025

Extraction End Time: 17:30

Concentration By: EH

Supervisor By: RUPESH

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

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24654
Surrogate	1.0ML	5000 PPB	PP24653
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	EP2621
Sand	N/A	E2865
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2616
Methylene Chloride	N/A	E3943
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3947
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

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/1/25	RS (Ext. Lab)	RS (Ext. Lab)
17:35	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168675BL	HBLK675	Herbicide	30.02	N/A	ritesh	Evelyn	10			U6-1
PB168675BS	HLCS675	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q2436-01	TP-70	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q2436-02	TP-69	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2436-03	TP-85	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q2436-04	TP-86	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2436-05	TP-84	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U1-1
Q2436-06	TP-83	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		2
Q2436-07	TP-87	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		3
Q2436-08	TP-100	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		4
Q2436-09	TP-99	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		5
Q2436-10	TP-82	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2436-10MS	TP-82MS	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		U2-1
Q2436-10MS D	TP-82MSD	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		2
Q2452-01	TP-5	Herbicide	30.02	N/A	ritesh	Evelyn	10	D		3
Q2452-05	EP-2	Herbicide	30.07	N/A	ritesh	Evelyn	10	D		4
Q2459-01	TP-1	Herbicide	30.03	N/A	ritesh	Evelyn	10	D		5
Q2469-01	WC-1	Herbicide	30.04	N/A	ritesh	Evelyn	10	D		6

* Extracts relinquished on the same date as received.