

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A **Extraction Start Date :** 07/08/2025

Matrix : Solid **Extraction Start Time :** 13:30

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 07/09/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 11:25

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 3,4,5,7 **Supervisor By :** RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continous 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	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	E3951
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	E3952
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3950
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
07/9/25	RS (Ext Lab)	RS (Ext Lab)
11:30	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/09/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168753BL	HBLK753	Herbicide	30.02	N/A	ritesh	Evelyn	10			U1-1
PB168753BS	HLCS753	Herbicide	30.01	N/A	ritesh	Evelyn	10			2
Q2487-09	G4(0-6)	Herbicide	30.07	N/A	ritesh	Evelyn	10	D		3
Q2487-10	G4(6-12)	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		4
Q2487-11	G3(0-6)	Herbicide	30.08	N/A	ritesh	Evelyn	10	D		5
Q2487-12	G3(6-12)	Herbicide	30.03	N/A	ritesh	Evelyn	10	D		6
Q2487-13	G2(0-6)	Herbicide	30.01	N/A	ritesh	Evelyn	10	D		U2-1
Q2487-14	G2(6-12)	Herbicide	30.02	N/A	ritesh	Evelyn	10	D		2
Q2487-15	G1(0-6)	Herbicide	30.04	N/A	ritesh	Evelyn	10	D		3
Q2487-16	G1(6-12)	Herbicide	30.05	N/A	ritesh	Evelyn	10	D		4
Q2493-01	WC-11	Herbicide	30.07	N/A	ritesh	Evelyn	10	D		5
Q2493-01MS	WC-11MS	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		6
Q2493-01MS D	WC-11MSD	Herbicide	30.08	N/A	ritesh	Evelyn	10	D		U3-1
Q2514-01	TP-92	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		2
Q2514-02	TP-93	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		3
Q2514-03	TP-94	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		4
Q2514-04	TP-96	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		5
Q2514-05	TP-97	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		6
Q2514-06	TP-103	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		U6-1
Q2514-07	TP-36	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		2
Q2514-08	TP-78	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		3
Q2514-09	TP-81	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2514-10	TP-90	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2517-01	TP-14	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6