

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 : 05/21/2025

Extraction Start Time : 08:30

Extraction End Date : 05/21/2025

Extraction End Time : 16:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continious 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	E3930
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	E3934
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
5/21/25	RS (Ext-Lab)	RS (Ext-Lab)
16:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/21/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168097BL	HBLK097	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168097BS	HLCS097	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q2062-01	L1-WC-1	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q2062-05	L1-WC-2	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		4
Q2062-09	L1-WC-3	Herbicide	30.02	N/A	ritesh	Evelyn	10	D		5
Q2062-13	L1-WC-4	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2062-17	L1-WC-5	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U3-1
Q2062-21	L1-WC-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		2
Q2071-01	L1-WC-7	Herbicide	30.04	N/A	ritesh	Evelyn	10	D		3
Q2071-01MS	L1-WC-7MS	Herbicide	30.01	N/A	ritesh	Evelyn	10	D		4
Q2071-01MS D	L1-WC-7MSD	Herbicide	30.03	N/A	ritesh	Evelyn	10	D		5
Q2071-05	L1-WC-8	Herbicide	30.05	N/A	ritesh	Evelyn	10	D		6
Q2071-09	L1-WC-9	Herbicide	30.08	N/A	ritesh	Evelyn	10	D		U6-1
Q2071-13	L2-WC-5	Herbicide	30.02	N/A	ritesh	Evelyn	10	B		2
Q2071-17	L2-WC-6	Herbicide	30.04	N/A	ritesh	Evelyn	10	D		3
Q2074-01	TP-12	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2074-02	TP-7	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2074-03	TP-15	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2074-04	TP-20	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		U1-1
Q2074-05	TP-38	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		2
Q2074-06	TP-19	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2074-07	TP-40	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		4
Q2074-08	TP-18	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		5
Q2084-01	OR-640-COMP-66	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		6



RS
5/21