

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Wegh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

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

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

Extraction Start Date : 07/02/2025

Extraction Start Time : 11:30

Extraction End Date : 07/03/2025

Extraction End Time : 11:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory 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	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	E3948
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
7/3/25	RS (Ext Lab)	RS - PCB Lab
11:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/03/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168706BL	HBLK706	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168706BS	HLCS706	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q2458-01	TP-76	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2458-01MS	TP-76MS	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		4
Q2458-01MS D	TP-76MSD	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		5
Q2458-02	TP-55	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2458-03	TP-68	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U2-1
Q2458-04	TP-67	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		2
Q2458-05	TP-66	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2458-06	TP-60	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2458-07	TP-62	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2458-08	TP-63	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2458-09	TP-59	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U3-1
Q2473-01	PIT#1	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		2
Q2473-02	PIT#2	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2473-03	PIT#3	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2473-04	PIT#4	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		5
Q2478-01	WC-1	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		6
Q2484-01	TP-58	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U6-1
Q2484-02	TP-57	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		2
Q2484-03	TP-64	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		3
Q2484-04	TP-107	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		4
Q2484-05	TP-1006	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		5
Q2484-06	TP-104	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		6