

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 07/23/2025

Extraction Start Time : 11:45

Extraction End Date : 07/24/2025

Extraction End Time : 12:10

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	PP24654
Surrogate	1.0ML	5000 PPB	PP24737
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
Ether	N/A	E3952
Acidified Na2SO4	N/A	EP2621
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2618
Hexane	N/A	E3956
METHANOL	N/A	V14622
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted with 6N NaOH > 12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4 < 2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS721.Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

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
7/24/25	RS (Ext Lab)	R. Post/PCB Lab
12:15	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			2
PB168953TB	PB168953TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			3
PB168969TB	PB168969TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			4
PB169001BL	HBLK001	TCLP Herbicide	1000	6	RUPESH	ritesh	10			5
PB169001BS	HLC5001	TCLP Herbicide	1000	6	RUPESH	ritesh	10			6
Q2481-12	CC0627-AL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	7
Q2481-13	CC0627-CLOXPL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	8
Q2481-14	CC0625-0XBL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	9
Q2481-15	CC0627-AOXL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	10
Q2481-16	CC0625-NL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	11
Q2481-17	CC0267-0XPL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	12
Q2481-18	CC0627-0XL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	13
Q2481-19	CC0627-CLOXAL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	14
Q2481-20	CC0627-BL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	15
Q2481-21	CC0627-SFBL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	16
Q2641-02	P001-CONCRETE001-01	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2641-02MS	P001-CONCRETE001-01MS	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		2
Q2641-02MS D	P001-CONCRETE001-01MSD	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		3
Q2646-03	FRAC TANK	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		4
Q2667-01	COAP2	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q2667-02	COAP3	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6

* Extracts relinquished on the same date as received.

RS
7/24