

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#: E3574

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 10/11/2024

Extraction Start Time : 08:31

Extraction End Date : 10/11/2024

Extraction End Time : 16:30

Concentration By: EH

Supervisor By : rajesh

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	PP23699
Surrogate	1.0ML	5000 PPB	PP23665
LOD	0.2ML	5000 PPB	PP23699
LOD	0.3ML	5000 PPB	PP23699
LOQ	0.4ML	5000 PPB	PP23699

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Acidified Na2SO4	N/A	EP2503
Sand	N/A	E2865
HCL	N/A	M5892
DI WATER	N/A	N/A
37% KOH	N/A	EP2520
Methylene Chloride	N/A	E3803
1:3 SULPHURIC ACID	N/A	EP2528
Ether	N/A	E3370
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14138
Diazomethane	N/A	EP2529
Hexane	N/A	E3796
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 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/11/24	RP (Ext. 204)	RP (Ext. 204)
16:35	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 10/09/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164060BL	HBLK060	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB164060BS	HLCS060	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
P4258-03	CHAMBERLAIN AVE	Herbicide	30.04	N/A	ritesh	Evelyn	10	A		3
P4368-01	LOD-MDL-SOIL-01-QT4-2 024 0.2 mL	Herbicide	30.02	N/A	ritesh	Evelyn	10			4
P4368-02	LOQ-SOIL-02-QT4-2024 0.4 mL	Herbicide	30.01	N/A	ritesh	Evelyn	10			5
P4385-02	SP-1	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		6
P4385-02MS	SP-1MS	Herbicide	30.08	N/A	ritesh	Evelyn	10	B		U7-1
P4385-02MS D	SP-1MSD	Herbicide	30.05	N/A	ritesh	Evelyn	10	B		2
P4385-04	SP-2	Herbicide	30.04	N/A	ritesh	Evelyn	10	B		3
P4385-06	SP-3	Herbicide	30.02	N/A	ritesh	Evelyn	10	B		4
P4385-08	SP-4	Herbicide	30.09	N/A	ritesh	Evelyn	10	B		5
P4385-10	SP-5	Herbicide	30.05	N/A	ritesh	Evelyn	10	B		6
P4385-12	SP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		U5-1
P4385-14	SP-7	Herbicide	30.08	N/A	ritesh	Evelyn	10	B		2
P4385-16	SP-8	Herbicide	30.07	N/A	ritesh	Evelyn	10	B		3
P4385-18	SP-9	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		4
P4385-20	SP-10	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		5
LOQ 0.3 mL			30.00				10			6

* Extracts relinquished on the same date as received.

10/11/24