

SOP ID: M8151A-Herbicide-22

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: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,7

Extraction Start Date: 05/19/2025

Extraction Start Time: 09:15

Extraction End Date: 05/19/2025

Extraction End Time: 16:00

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           | 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 |
|------------------|----------------|------------|
| Ether            | N/A            | E3881      |
| Acidified Na2SO4 | N/A            | EP2576     |
| NAOH 6N          | N/A            | EP2606     |
| 12N H2SO4        | N/A            | EP2605     |
| NACL             | N/A            | M4459      |
| ISO OCTANE       | N/A            | E3554      |
| Diazomethane     | N/A            | EP2608     |
| Hexane           | N/A            | E3934      |
| NACL             | N/A            | M4459      |
| 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 # 03-40BTS723.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 5/19/25     | RSC Ext (lab)                           | R. Pest-PCB Lab      |
| 16:05       | Preparation Group                       | Analysis Group       |

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/19/2025

| Sample ID       | Client Sample ID   | Test           | g / (mL) | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|--------------------|----------------|----------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                    |                |          |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167994TB      | PB167994TB         | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 |       |          | SEP-1       |
| PB168065BL      | HBLK065            | TCLP Herbicide | 1000     | 6  | Evelyn         | RUPESH     | 10                 |       |          | 2           |
| PB168065BS      | HLCS065            | TCLP Herbicide | 1000     | 6  | Evelyn         | RUPESH     | 10                 |       |          | 3           |
| Q2027-03        | B27-SOIL-SAMPLE    | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 | A     |          | 4           |
| Q2027-03MS      | B27-SOIL-SAMPLEMS  | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 | A     |          | 5           |
| Q2027-03MS<br>D | B27-SOIL-SAMPLEMSD | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 | A     |          | 6           |
| Q2027-04        | B28-SOIL-SAMPLE    | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 | A     |          | 7           |
| Q2032-09        | COMP-1             | TCLP Herbicide | 100      | 6  | Evelyn         | RUPESH     | 10                 | A     |          | 8           |