

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: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,7

Extraction Start Date: 04/09/2025

Extraction Start Time: 12:55

Extraction End Date: 04/09/2025

Extraction End Time: 18:50

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           | PP24218             |
| Surrogate     | 1.0ML    | 5000 PPB            | PP24424             |
| 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            | EP2553     |
| 1:3 SULPHURIC ACID | N/A            | EP2587     |
| NACL               | N/A            | M4459      |
| ISO OCTANE         | N/A            | E3554      |
| Diazomethane       | N/A            | EP2603     |
| Hexane             | N/A            | E3916      |
| 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        |
| 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.

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 |
|-------------|-----------------------------------------|----------------------|
| 04/09/25    | RP (Set 2 ch)                           | T-P.pestip4B.        |
| 18:55       | Preparation Group                       | Analysis Group       |

Analytical Method: M8151A-Herbicide-22

Concentration Date: 04/09/2025

| Sample ID       | Client Sample ID          | Test           | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|---------------------------|----------------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                           |                |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167488TB      | PB167488TB                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 |       |          | SEP-05      |
| PB167517TB      | PB167517TB                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 |       |          | 6           |
| PB167536BL      | HBLK536                   | TCLP Herbicide | 1000   | 6  | ritesh         | rajesh     | 10                 |       |          | 7           |
| PB167536BS      | HLCS536                   | TCLP Herbicide | 1000   | 6  | ritesh         | rajesh     | 10                 |       |          | 8           |
| Q1739-02        | WC-LIQUID-20250404        | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 9           |
| Q1739-02MS      | WC-LIQUID-20250404MS      | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 10          |
| Q1739-02MS<br>D | WC-LIQUID-20250404MS<br>D | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 11          |
| Q1744-02        | B-158-SB01                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 12          |
| Q1744-04        | B-158-SB02                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 13          |
| Q1746-02        | B-149-SB01                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 14          |
| Q1746-04        | B-149-SB02                | TCLP Herbicide | 100    | 6  | ritesh         | rajesh     | 10                 | A     |          | 15          |

\* Extracts relinquished on the same date as received.

