

## Report of Analysis

|                    |                        |          |                 |       |    |
|--------------------|------------------------|----------|-----------------|-------|----|
| Client:            | Weston Solutions, Inc. |          | Date Collected: |       |    |
| Project:           | RFP 916                |          | Date Received:  |       |    |
| Client Sample ID:  | PB169823BS             |          | SDG No.:        | Q3178 |    |
| Lab Sample ID:     | PB169823BS             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.03                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 09/25/25 08:15 | 09/26/25 13:39  | PB169823      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 5.20  |           | 1        | 0.14 | 1.00       | mg/kg FC069855.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 4.49  |           | 1        | 0.11 | 0.67       | mg/kg FC069855.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 7.34  |           | 1        | 0.13 | 1.00       | mg/kg FC069855.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 9.80  |           | 1        | 0.53 | 1.33       | mg/kg FC069855.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 16.1  |           | 1        | 1.18 | 2.00       | mg/kg FC069855.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 4.45  |           | 1        | 0.12 | 0.67       | mg/kg FD049784.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 7.22  |           | 1        | 0.23 | 1.00       | mg/kg FD049784.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 14.6  |           | 1        | 0.40 | 1.67       | mg/kg FD049784.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 24.7  |           | 1        | 1.19 | 2.66       | mg/kg FD049784.D  |
| Total AliphaticEPH | Total AliphaticEPH | 42.9  |           |          | 2.09 | 5.99       | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 51.0  |           |          | 1.94 | 6.00       | mg/kg             |
| Total EPH          | Total EPH          | 93.9  |           |          | 4.03 | 12.0       | mg/kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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|                    |                        |          |                 |       |    |
|--------------------|------------------------|----------|-----------------|-------|----|
| Client:            | Weston Solutions, Inc. |          | Date Collected: |       |    |
| Project:           | RFP 916                |          | Date Received:  |       |    |
| Client Sample ID:  | PB169823BS             |          | SDG No.:        | Q3178 |    |
| Lab Sample ID:     | PB169823BS             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.03                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC069855.D | 1         | 09/25/25    | 09/26/25        | PB169823      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 5.20  |           | 0.14     | 1.00       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 4.49  |           | 0.11     | 0.67       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 7.34  |           | 0.13     | 1.00       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 9.80  |           | 0.53     | 1.33       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 16.1  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 39.1  |           | 40 - 140 | 78%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB169823BS | Acq On:            | 26 Sep 2025 13:39 |
| Client Sample ID: | PB169823BS | Operator:          | YP/AJ             |
| Data file:        | FC069855.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 13                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.300  | 6.593  | 10420261 | 78.041  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.594  | 9.993  | 10565427 | 67.436  | 200              | ug/ml |
| Aliphatic C16-C21         | 9.994  | 13.360 | 19791143 | 110.227 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.361 | 17.023 | 26619658 | 147.117 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.024 | 21.984 | 31014223 | 241.024 | 600              | ug/ml |
| Aliphatic EPH             | 3.300  | 21.984 | 98410712 | 643.845 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.097 | 13.097 | 6171064  | 39.08   |                  | ug/ml |
| Aliphatic C9-C28          | 3.300  | 17.023 | 67396489 | 402.821 | 1200             | ug/ml |