

## Report of Analysis

|                    |                                        |          |                 |         |
|--------------------|----------------------------------------|----------|-----------------|---------|
| Client:            | Alliance Technical Group, LLC - Newark |          | Date Collected: |         |
| Project:           | NJ Soil PT                             |          | Date Received:  |         |
| Client Sample ID:  | PB167903BSD                            |          | SDG No.:        | Q1872   |
| Lab Sample ID:     | PB167903BSD                            |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                                  |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.02                                  | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                        | uL       | Test:           | EPH     |
| Prep Method :      |                                        |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FD049321.D | 1         | 05/07/25    | 05/08/25        | PB167903      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 5.47  |           | 0.12     | 0.67       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 9.48  |           | 0.23     | 1.00       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 19.6  |           | 0.40     | 1.67       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 32.8  |           | 1.19     | 2.66       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 64.4  |           | 40 - 140 | 129%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 66.0  |           | 40 - 140 | 132%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 54.5  |           | 40 - 140 | 109%       | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB167903BSD | Acq On:            | 08 May 2025 13:38 |
| Client Sample ID: | PB167903BSD | Operator:          | YP/AJ             |
| Data file:        | FD049321.D  | Misc:              |                   |
| Instrument:       | FID_D       | ALS Vial:          | 63                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.431  | 6.176  | 10552866  | 82.103  | 200              | ug/ml |
| Aromatic C12-C16          | 6.177  | 8.805  | 19315706  | 142.313 | 300              | ug/ml |
| Aromatic C16-C21          | 8.806  | 13.095 | 38598525  | 294.375 | 500              | ug/ml |
| Aromatic C21-C36          | 13.096 | 18.515 | 57846531  | 492.924 | 800              | ug/ml |
| Aromatic EPH              | 4.431  | 18.515 | 126313628 | 1010    |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.742  | 7.742  | 7630584   | 64.36   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.609  | 8.609  | 5211926   | 66      |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.653 | 11.653 | 7520284   | 54.49   |                  | ug/ml |