

## Report of Analysis

|                    |                                        |          |                 |          |    |
|--------------------|----------------------------------------|----------|-----------------|----------|----|
| Client:            | Alliance Technical Group, LLC - Newark |          | Date Collected: | 08/18/25 |    |
| Project:           | LOD-LOQ-MDL Study                      |          | Date Received:  | 08/18/25 |    |
| Client Sample ID:  | LOD-MDL-SOIL-01-QT3-2025               |          | SDG No.:        | Q2893    |    |
| Lab Sample ID:     | Q2893-01                               |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                                  |          | % Solid:        | 100      |    |
| Sample Wt/Vol:     | 30.04                                  | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                                        | uL       | Test:           | EPH      |    |
| Prep Method :      |                                        |          |                 |          |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FF016316.D | 1         | 08/27/25    | 09/03/25        | PB169427      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 0.25  | J         | 0.12     | 0.67       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 0.41  | J         | 0.23     | 1.00       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 0.71  | J         | 0.40     | 1.66       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 1.25  | J         | 1.19     | 2.66       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 46.4  |           | 40 - 140 | 93%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 43.9  |           | 40 - 140 | 88%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 40.9  |           | 40 - 140 | 82%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | Q2893-01             | Acq On:            | 03 Sep 2025 10:24 |
| Client Sample ID: | LOD-MDL-SOIL-01-QT3- | Operator:          | YP\AJ             |
| Data file:        | FF016316.D           | Misc:              |                   |
| Instrument:       | FID_F                | ALS Vial:          | 63                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aromatic C10-C12          | 4.526  | 6.402  | 493383   | 3.704  | 200              | ug/ml |
| Aromatic C12-C16          | 6.403  | 9.106  | 871485   | 6.219  | 300              | ug/ml |
| Aromatic C16-C21          | 9.107  | 13.424 | 1481517  | 10.602 | 500              | ug/ml |
| Aromatic C21-C36          | 13.425 | 18.875 | 2405305  | 18.728 | 800              | ug/ml |
| Aromatic EPH              | 4.526  | 18.875 | 5251690  | 39.253 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.977 | 11.977 | 5932807  | 40.91  |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.033  | 8.033  | 5544799  | 46.38  |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.908  | 8.908  | 3633378  | 43.88  |                  | ug/ml |