

## Report of Analysis

|                    |                           |                    |          |
|--------------------|---------------------------|--------------------|----------|
| Client:            | Chemtech Consulting Group | Date Collected:    | 10/09/24 |
| Project:           | LOD-LOQ Study             | Date Received:     | 10/09/24 |
| Client Sample ID:  | LOD-MDL-SOIL-04-QT4-2024  | SDG No.:           | P4368    |
| Lab Sample ID:     | P4368-04                  | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                 | % Solid:           | 100      |
| Sample Wt/Vol:     | 30.06                     | Units:             | g        |
| Soil Aliquot Vol:  |                           |                    | uL       |
| Extraction Type:   |                           | Test:              | TPH GC   |
| GPC Factor :       |                           | Injection Volume : |          |
| Prep Method :      | SW3541                    |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG014394.D        | 1         | 10/10/24 08:00 | 10/10/24 16:10 | PB164030      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 687   | J         | 318      | 2830       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 11.3  |           | 37 - 130 | 57%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit