

## Report of Analysis

Client: Alliance Technical Group, LLC - Newark  
Project: LOD-LOQ-MDL Study  
Client Sample ID: PB170659BL  
Lab Sample ID: PB170659BL  
Analytical Method: 8015D TPH  
Sample Wt/Vol: 30.01 g Final Vol: 1 mL  
Prep Method: SW3541 Prep Date: 11/20/25

Date Collected:  
Date Received:  
SDG No.: Q3530  
Matrix: SOIL  
% Solid: 100  
Test: TPH GC

| CAS Number        | Parameter              | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|------------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                        |       |      |    |          |            |         |                |          |
| PHC               | Petroleum Hydrocarbons | 2830  | U    | 1  | 384      | 2830       | ug/kg   | 11/20/25 17:45 | PB170659 |
| <b>SURROGATES</b> |                        |       |      |    |          |            |         |                |          |
| 16416-32-3        | TETRACOSANE-d50        | 16.2  |      |    | 37 - 130 | 81%        | SPK: 20 |                |          |

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