

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: LOD-LOQ-MDL Study
Client Sample ID: PB170659BS
Lab Sample ID: PB170659BS
Analytical Method: 8015D TPH
Sample Wt/Vol: 30.03 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
TARGETS									
PHC	Petroleum Hydrocarbons	9110		1	384	2830	ug/kg	11/20/25 18:14	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	17.4			37 - 130	87%	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