

## Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/23/25
Project:	LOD-LOQ Study	Date Received:	01/23/25
Client Sample ID:	LOD-MDL-WATER-04-QT1-2025	SDG No.:	Q1168
Lab Sample ID:	Q1168-10	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015300.D	1	01/23/25 08:00	01/24/25 3:03	PB166203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
PHC	Petroleum Hydrocarbons	36.0	J	9.00	85.0	ug/L
<b>SURROGATES</b>						
16416-32-3	TETRACOSANE-d50	15.1		29 - 130	75%	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