

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	05/23/25	
Project:	LOD-LOQ-MDL Study		Date Received:	05/23/25	
Client Sample ID:	LOD-MDL-WATER-01-QT2-2025		SDG No.:	Q2126	
Lab Sample ID:	Q2126-07		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054336.D	1	06/11/25	06/12/25	PB168409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	18.3	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	15.8	J	13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	26.8	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	36.5	J	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	53.9	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.1		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2126-07	Acq On:	12 Jun 2025 13:10
Client Sample ID:	LOD-MDL-WATER-01-QT	Operator:	YP\AJ
Data file:	FE054336.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.077	6.722	1149017	9.173	300	ug/ml
Aliphatic C12-C16	6.723	10.169	1037125	7.908	200	ug/ml
Aliphatic C16-C21	10.170	13.542	1792812	13.387	300	ug/ml
Aliphatic C21-C28	13.543	17.208	2321477	18.269	400	ug/ml
Aliphatic C28-C40	17.209	22.074	3458840	26.97	600	ug/ml
Aliphatic EPH	3.077	22.074	9759271	75.708		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.274	13.274	5871394	48.15		ug/ml
Aliphatic C9-C28	3.077	17.208	6300431	48.737	1200	ug/ml