

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
FC069176.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	9.47	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	20.0	U	13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	12.2	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	16.9	J	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	24.5	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	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 06:44
Client Sample ID:	LOD-MDL-WATER-01-QT	Operator:	YP/AJ
Data file:	FC069176.D	Misc:	
Instrument:	FID_C	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.605	500473	4.734	300	ug/ml
Aliphatic C12-C16	6.606	10.010	412312	4.043	200	ug/ml
Aliphatic C16-C21	10.011	13.380	594546	6.075	300	ug/ml
Aliphatic C21-C28	13.381	17.048	791351	8.436	400	ug/ml
Aliphatic C28-C40	17.049	22.033	1154906	12.229	600	ug/ml
Aliphatic EPH	3.303	22.033	3453588	35.517		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	2926813	32.62		ug/ml
Aliphatic C9-C28	3.303	17.048	2298682	23.288	1200	ug/ml