

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
FF015999.D	1	06/11/25	06/16/25	PB168409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	16.7	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	26.6	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	49.0	J	8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	83.9		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.9		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.8		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2126-07	Acq On:	16 Jun 2025 14:32
Client Sample ID:	LOD-MDL-WATER-01-QT	Operator:	YP\AJ
Data file:	FF015999.D	Misc:	4 PPM WATER LOD
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.561	6.433	1062358	8.343	200	ug/ml
Aromatic C12-C16	6.434	9.135	1753841	13.319	300	ug/ml
Aromatic C16-C21	9.136	13.449	3178058	24.515	500	ug/ml
Aromatic C21-C36	13.450	18.894	5099987	41.93	800	ug/ml
Aromatic EPH	4.561	18.894	11094244	88.107		ug/ml
2-Bromonaphthalene (SURRE)	8.061	8.061	5551181	48.89		ug/ml
2-Fluorobiphenyl (SURRE)	8.936	8.936	3819535	49.07		ug/ml
ortho-Terphenyl (SURRE)	12.003	12.003	5919391	44.75		ug/ml