

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	04/21/25	
Project:	NJ Soil PT		Date Received:	04/24/25	
Client Sample ID:	HW0425-PT-NJEPH-SOILDL2		SDG No.:	Q1872	
Lab Sample ID:	Q1872-16DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	20.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068797.D	10	05/07/25	05/08/25	PB167903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	41.2		2.10	15.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	110		1.65	9.99	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	113		1.95	15.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.7	J	7.94	20.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.7	U	17.7	30.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.69		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1872-16DL2	Acq On:	08 May 2025 15:57
Client Sample ID:	HW0425-PT-NJEPH-SOILDL2	Operator:	YP/AJ
Data file:	FC068797.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.342	6.642	4092275	41.281	300	ug/ml
Aliphatic C12-C16	6.643	10.042	10088546	110.882	200	ug/ml
Aliphatic C16-C21	10.043	13.408	9713408	113.262	300	ug/ml
Aliphatic C21-C28	13.409	17.072	1306023	15.718	400	ug/ml
Aliphatic C28-C40	17.073	22.071	506760	5.988	600	ug/ml
Aliphatic EPH	3.342	22.071	25707012	287.131		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	456659	5.69		ug/ml
Aliphatic C9-C28	3.342	17.072	25200252	281.143	1200	ug/ml