

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-SOILDL		SDG No.:	Q1872	
Lab Sample ID:	Q1872-16DL		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
FC068796.D	5	05/07/25	05/08/25	PB167903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.2		1.05	7.49	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	105	E	0.82	5.00	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	105		0.97	7.49	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.4		3.97	9.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.84	U	8.84	15.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	10.5		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1872-16DL	Acq On:	08 May 2025 15:19
Client Sample ID:	HW0425-PT-NJEPH-SOILDL	Operator:	YP/AJ
Data file:	FC068796.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.342	6.642	7980865	80.507	300	ug/ml
Aliphatic C12-C16	6.643	10.042	19184681	210.857	200	ug/ml
Aliphatic C16-C21	10.043	13.408	18083674	210.863	300	ug/ml
Aliphatic C21-C28	13.409	17.072	2399049	28.873	400	ug/ml
Aliphatic C28-C40	17.073	22.071	828534	9.791	600	ug/ml
Aliphatic EPH	3.342	22.071	48476803	540.889		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.143	13.143	844602	10.53		ug/ml
Aliphatic C9-C28	3.342	17.072	47648269	531.1	1200	ug/ml