

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-SOIL		SDG No.:	Q1872	
Lab Sample ID:	Q1872-16		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
FD049322.D	1	05/07/25	05/08/25	PB167903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.23		0.18	1.00	mg/kg
Aromatic C12-C16	Aromatic C12-C16	20.0		0.35	1.50	mg/kg
Aromatic C16-C21	Aromatic C16-C21	46.1		0.60	2.50	mg/kg
Aromatic C21-C36	Aromatic C21-C36	13.3		1.78	4.00	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.0		40 - 140	122%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.9		40 - 140	106%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1872-16	Acq On:	08 May 2025 14:20
Client Sample ID:	HW0425-PT-NJEPH-SOIL	Operator:	YP/AJ
Data file:	FD049322.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	8016149	62.367	200	ug/ml
Aromatic C12-C16	6.177	8.805	27207640	200.458	300	ug/ml
Aromatic C16-C21	8.806	13.095	60449704	461.025	500	ug/ml
Aromatic C21-C36	13.0956	18.515	15673065	133.554	800	ug/ml
Aromatic EPH	4.431	18.515	111346558	857.404		ug/ml
ortho-Terphenyl (SURR)	11.652	11.652	7303683	52.92		ug/ml
2-Bromonaphthalene (SURR)	7.741	7.741	7238638	61.05		ug/ml
2-Fluorobiphenyl (SURR)	8.607	8.607	3697872	46.82		ug/ml