

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	NJ Soil PT		Date Received:	
Client Sample ID:	PB167903BSD		SDG No.:	Q1872
Lab Sample ID:	PB167903BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049321.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	5.47		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.48		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.6		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	32.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.4		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.0		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	54.5		40 - 140	109%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167903BSD	Acq On:	08 May 2025 13:38
Client Sample ID:	PB167903BSD	Operator:	YP/AJ
Data file:	FD049321.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	10552866	82.103	200	ug/ml
Aromatic C12-C16	6.177	8.805	19315706	142.313	300	ug/ml
Aromatic C16-C21	8.806	13.095	38598525	294.375	500	ug/ml
Aromatic C21-C36	13.096	18.515	57846531	492.924	800	ug/ml
Aromatic EPH	4.431	18.515	126313628	1010		ug/ml
2-Bromonaphthalene (SURRE)	7.742	7.742	7630584	64.36		ug/ml
2-Fluorobiphenyl (SURRE)	8.609	8.609	5211926	66		ug/ml
ortho-Terphenyl (SURRE)	11.653	11.653	7520284	54.49		ug/ml