

## Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168239BS	SDG No.:	Q2147
Lab Sample ID:	PB168239BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02      Units:    g	Final Vol:	2000              uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 14:24	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1	0.91	3.99	mg/kg	FE054150.D
Total EPH	Total EPH	72.4			0.91	3.99	mg/kg	

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Sample Wt/Vol:	30.02      Units:    g	Final Vol:	2000              uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054150.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	72.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1.18	2.00	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168239BS	Acq On:	03 Jun 2025 14:24
Client Sample ID:	PB168239BS	Operator:	YP\AJ
Data file:	FE054150.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	26316192	194.125	300	ug/ml
Aliphatic C12-C16	6.731	10.178	32556263	241.262	200	ug/ml
Aliphatic C16-C21	10.179	13.552	36220074	274.58	300	ug/ml
Aliphatic C21-C28	13.553	17.220	46751012	376.487	400	ug/ml
Aliphatic C28-C40	17.221	22.091	46616921	403.852	600	ug/ml
Aliphatic EPH	3.085	22.091	188460462	1490		ug/ml
ortho-Terphenyl (SURR)	11.840	11.840	5862353	36.07		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4736352	39.95		ug/ml
Aliphatic C9-C28	3.085	17.220	141843541	1090	1200	ug/ml