

## Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	1	SDG No.:	Q1236
Lab Sample ID:	Q1236-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 11:21	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C9-C28	Aliphatic C9-C28	4.82	J	1	2.08	4.84	mg/kg	FD049039.D
Total EPH	Total EPH	4.82	J		2.08	4.84	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049039.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	4.82	J	2.08	4.84	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.0		2.17	2.41	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-03	Acq On:	03 Feb 2025 11:21
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FD049039.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1260678	7.741	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1375404	8.145	200	ug/ml
Aliphatic C16-C21	9.611	12.951	2719551	15.729	300	ug/ml
Aliphatic C21-C28	12.952	16.589	4747926	28.167	400	ug/ml
Aliphatic C28-C40	16.590	21.285	19583805	148.945	600	ug/ml
Aliphatic EPH	3.004	21.285	29687364	208.726		ug/ml
ortho-Terphenyl (SURR)	11.240	11.240	7225813	37.42		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	4539906	30.93		ug/ml
Aliphatic C9-C28	3.004	16.589	10103559	59.782	1200	ug/ml