

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:	4	SDG No.:	Q1236
Lab Sample ID:	Q1236-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 13:11	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.0		1	2.07	4.80	mg/kg	FD049042.D
Total EPH	Total EPH	11.0			2.07	4.80	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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FD049042.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.0		2.07	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.86		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.3		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.9		40 - 140	106%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-06	Acq On:	03 Feb 2025 13:11
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FD049042.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	4130894	25.364	300	ug/ml
Aliphatic C12-C16	6.242	9.610	2055201	12.17	200	ug/ml
Aliphatic C16-C21	9.611	12.951	13364680	77.296	300	ug/ml
Aliphatic C21-C28	12.952	16.589	3703418	21.97	400	ug/ml
Aliphatic C28-C40	16.590	21.285	16154485	122.864	600	ug/ml
Aliphatic EPH	3.004	21.285	39408678	259.664		ug/ml
ortho-Terphenyl (SURR)	11.243	11.243	10221038	52.93		ug/ml
1-chlorooctadecane (SURR)	12.682	12.682	5478047	37.32		ug/ml
Aliphatic C9-C28	3.004	16.589	23254193	136.8	1200	ug/ml