

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:	2	SDG No.:	Q1236
Lab Sample ID:	Q1236-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.7
Sample Wt/Vol:	30.08 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 11:57	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.19		1	2.10	4.88	mg/kg	FD049040.D
Total EPH	Total EPH	8.19			2.10	4.88	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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FD049040.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	8.19		2.10	4.88	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.22		2.20	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.9		40 - 140	92%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-04	Acq On:	03 Feb 2025 11:57
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FD049040.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1506232	9.248	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1265522	7.494	200	ug/ml
Aliphatic C16-C21	9.611	12.951	11371341	65.767	300	ug/ml
Aliphatic C21-C28	12.952	16.589	3073117	18.231	400	ug/ml
Aliphatic C28-C40	16.590	21.285	11668464	88.745	600	ug/ml
Aliphatic EPH	3.004	21.285	28884676	189.486		ug/ml
ortho-Terphenyl (SURR)	11.241	11.241	8869975	45.94		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	5338278	36.37		ug/ml
Aliphatic C9-C28	3.004	16.589	17216212	100.74	1200	ug/ml