

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	3	SDG No.:	Q1236
Lab Sample ID:	Q1236-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.4
Sample Wt/Vol:	30.05 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 12:34	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.47		1	2.11	4.92	mg/kg	FD049041.D
Total EPH	Total EPH	6.47			2.11	4.92	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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FD049041.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	6.47		2.11	4.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.73		2.21	2.45	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.9		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.3		40 - 140	106%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-05	Acq On:	03 Feb 2025 12:34
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FD049041.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1276987	7.841	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1143782	6.773	200	ug/ml
Aliphatic C16-C21	9.611	12.951	8319265	48.115	300	ug/ml
Aliphatic C21-C28	12.952	16.589	2777137	16.475	400	ug/ml
Aliphatic C28-C40	16.590	21.285	10821541	82.304	600	ug/ml
Aliphatic EPH	3.004	21.285	24338712	161.508		ug/ml
ortho-Terphenyl (SURR)	11.242	11.242	10281548	53.25		ug/ml
1-chlorooctadecane (SURR)	12.683	12.683	5854987	39.89		ug/ml
Aliphatic C9-C28	3.004	16.589	13517171	79.204	1200	ug/ml