

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:	5	SDG No.:	Q1236
Lab Sample ID:	Q1236-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.1
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
01/31/25 12:05	01/31/25 19:44	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.65		1	2.07	4.80	mg/kg	FD049031.D
Total EPH	Total EPH	6.65			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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FD049031.D	1	01/31/25	01/31/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.65		2.07	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.4		2.16	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.4		40 - 140	47%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-07	Acq On:	31 Jan 2025 19:44
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FD049031.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.006	6.243	3236243	19.871	300	ug/ml
Aliphatic C12-C16	6.244	9.612	2161337	12.799	200	ug/ml
Aliphatic C16-C21	9.613	12.953	3827261	22.135	300	ug/ml
Aliphatic C21-C28	12.954	16.592	4760344	28.24	400	ug/ml
Aliphatic C28-C40	16.593	21.288	18736792	142.503	600	ug/ml
Aliphatic EPH	3.006	21.288	32721977	225.548		ug/ml
ortho-Terphenyl (SURR)	11.239	11.239	4711799	24.4		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	3436628	23.41		ug/ml
Aliphatic C9-C28	3.006	16.592	13985185	83.045	1200	ug/ml