

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q1236
Lab Sample ID:	Q1236-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	01/31/25 20:58	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	94.5		1	2.06	4.80	mg/kg	FD049033.D
Total EPH	Total EPH	94.5			2.06	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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Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q1236
Lab Sample ID:	Q1236-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049033.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	94.5		2.06	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.5		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.1		40 - 140	46%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.9		40 - 140	48%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-07MSD	Acq On:	31 Jan 2025 20:58
Client Sample ID:	5MSD	Operator:	YP/AJ
Data file:	FD049033.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.006	6.243	37314485	229.111	300	ug/ml
Aliphatic C12-C16	6.244	9.612	45585246	269.939	200	ug/ml
Aliphatic C16-C21	9.613	12.953	52811296	305.439	300	ug/ml
Aliphatic C21-C28	12.954	16.592	63526418	376.866	400	ug/ml
Aliphatic C28-C40	16.593	21.288	73121814	556.131	600	ug/ml
Aliphatic EPH	3.006	21.288	272359259	1740		ug/ml
ortho-Terphenyl (SURR)	11.241	11.241	4610588	23.88		ug/ml
1-chlorooctadecane (SURR)	12.683	12.683	3389501	23.09		ug/ml
Aliphatic C9-C28	3.006	16.592	199237445	1180	1200	ug/ml