

## Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2021
Lab Sample ID:	Q2003-07MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.06      Units:    g	Final Vol:	2000              uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 15:25	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C9-C28	Aliphatic C9-C28	87.8		1	1.04	4.60	mg/kg	FG015851.D
Total EPH	Total EPH	87.8			1.04	4.60	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015851.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	87.8		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.0		1.36	2.30	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.3		40 - 140	77%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-07MS	Acq On:	16 May 2025 15:25
Client Sample ID:	5MS	Operator:	YP\AJ
Data file:	FG015851.D	Misc:	
Instrument:	FID_G	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	25089174	221.006	300	ug/ml
Aliphatic C12-C16	6.776	10.226	27799529	238.162	200	ug/ml
Aliphatic C16-C21	10.227	13.601	39503870	323.274	300	ug/ml
Aliphatic C21-C28	13.602	17.272	43816697	364.699	400	ug/ml
Aliphatic C28-C40	17.273	22.179	63493095	574.945	600	ug/ml
Aliphatic EPH	3.136	22.179	199702365	1720		ug/ml
ortho-Terphenyl (SURR)	11.892	11.892	5704687	38.32		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4566965	39.64		ug/ml
Aliphatic C9-C28	3.136	17.272	136209270	1150	1200	ug/ml