

## Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3011
Lab Sample ID:	Q3011-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.04      Units: g	Final Vol:	2000      uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 17:32	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C9-C28	Aliphatic C9-C28	8.37		1	0.97	4.27	mg/kg	FE055668.D
Total EPH	Total EPH	8.37			0.97	4.27	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
FE055668.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	8.37		0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1.26	2.14	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	32.9		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-06	Acq On:	04 Sep 2025 17:32
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055668.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	594943	4.633	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1327156	9.824	200	ug/ml
Aliphatic C16-C21	10.399	13.777	7288279	50.537	300	ug/ml
Aliphatic C21-C28	13.778	17.448	7521978	52.515	400	ug/ml
Aliphatic C28-C40	17.449	22.463	22336526	162.188	600	ug/ml
Aliphatic EPH	3.312	22.463	39068882	279.697		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5269702	32.08		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	4108450	32.86		ug/ml
Aliphatic C9-C28	3.312	17.448	16732356	117.509	1200	ug/ml