

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.07 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 13:28	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.36		1	1.04	4.56	mg/kg	FG015847.D
Total EPH	Total EPH	6.36			1.04	4.56	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.07 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
FG015847.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.36		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.9		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-04	Acq On:	16 May 2025 13:28
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FG015847.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	321592	2.833	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1126938	9.655	200	ug/ml
Aliphatic C16-C21	10.227	13.601	5407053	44.248	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3222548	26.822	400	ug/ml
Aliphatic C28-C40	17.273	22.179	16014294	145.013	600	ug/ml
Aliphatic EPH	3.136	22.179	26092425	228.571		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	3842137	25.81		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	2988652	25.94		ug/ml
Aliphatic C9-C28	3.136	17.272	10078131	83.558	1200	ug/ml