

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:	5	SDG No.:	Q3011
Lab Sample ID:	Q3011-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
Sample Wt/Vol:	30.08 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 18:03	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.74		1	0.94	4.15	mg/kg	FE055669.D
Total EPH	Total EPH	5.74			0.94	4.15	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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FE055669.D	1	09/04/25	09/04/25	PB169545

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.74		0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.25		1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.7		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.9		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-07	Acq On:	04 Sep 2025 18:03
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE055669.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	734263	5.718	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1254686	9.287	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6521072	45.217	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3249469	22.686	400	ug/ml
Aliphatic C28-C40	17.449	22.463	12444387	90.36	600	ug/ml
Aliphatic EPH	3.312	22.463	24203877	173.269		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5069867	30.86		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	3965118	31.71		ug/ml
Aliphatic C9-C28	3.312	17.448	11759490	82.908	1200	ug/ml