284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	11 Newman Ave Nutley	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2757
Lab Sample ID:	Q2757-07MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
08/11/25 11:45	08/12/25 15:26	PB169208

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	146	E	1	1.12	4.92	mg/kg	FE055257.D
Total EPH	Total EPH	146			1.12	4.92	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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FE055257.D	1	08/11/25	08/12/25	PB169208

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		146	E	1.12	4.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		123	E	1.45	2.46	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		41.6		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		38.7		40 - 140	77%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2757-07MS	Acq On:	12 Aug 2025 15:26
Client Sample ID:	Q2757-07MS	Operator:	YP\AJ
Data file:	FE055257.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	27955588	239.381	300	ug/ml
Aliphatic C12-C16	6.960	10.413	38888924	310.547	200	ug/ml
Aliphatic C16-C21	10.414	13.793	44902922	355.231	300	ug/ml
Aliphatic C21-C28	13.794	17.466	106134316	880.741	400	ug/ml
Aliphatic C28-C40	17.467	22.498	171654065	1510	600	ug/ml
Aliphatic EPH	3.323	22.498	389535815	3290		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	5523659	38.68		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	4470933	41.58		ug/ml
Aliphatic C9-C28	3.323	17.466	217881750	1790	1200	ug/ml