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:	7 Rynda Road, Maplewood			Date Received:	
Client Sample ID:	5MSD			SDG No.:	Q3474
Lab Sample ID:	Q3474-07MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	85.9
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH_F2
Prep Method :		Prep Date :	11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Total EPH	Total EPH	79.0			1.06	4.64	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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Prep Method :		Prep Date :	11/03/25		

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TARGETS										
Total EPH	Total EPH	79.0			1.06	4.64	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.

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Prep Method :		Prep Date	11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	1.06	4.64	mg/kg	11/03/25	PB170385
Aliphatic C28-C40	Aliphatic C28-C40	71.4	E	1	1.37	2.32	mg/kg	11/03/25	PB170385
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.1			40 - 140	40%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	18.5			40 - 140	37%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3474-07MSD	Acq On:	03 Nov 2025 21:49
Client Sample ID:	Q3474-07MSD	Operator:	YP/AJ
Data file:	FC070132.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.277	6.571	27318203	188.681	300	ug/ml
Aliphatic C12-C16	6.572	9.972	35351015	215.841	200	ug/ml
Aliphatic C16-C21	9.973	13.339	42425955	261.977	300	ug/ml
Aliphatic C21-C28	13.340	17.004	52121430	354.225	400	ug/ml
Aliphatic C28-C40	17.005	21.958	99171691	921.671	600	ug/ml
Aliphatic EPH	3.277	21.958	256388294	1940		ug/ml
ortho-Terphenyl (SURR)	11.641	11.641	3249089	18.5		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	2727814	20.1		ug/ml
Aliphatic C9-C28	3.277	17.004	157216603	1020	1200	ug/ml