

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	6	SDG No.:	Q2021
Lab Sample ID:	Q2021-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
Sample Wt/Vol:	30.05 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 18:52	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.04	4.56	mg/kg	FG015858.D
Total EPH	Total EPH	13.4			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

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FG015858.D	1	05/15/25	05/16/25	PB168029

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.35		1.34	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-08	Acq On:	16 May 2025 18:52
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FG015858.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	264176	2.327	300	ug/ml
Aliphatic C12-C16	6.776	10.226	2833405	24.274	200	ug/ml
Aliphatic C16-C21	10.227	13.601	13373426	109.439	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4802835	39.975	400	ug/ml
Aliphatic C28-C40	17.273	22.179	10686008	96.764	600	ug/ml
Aliphatic EPH	3.136	22.179	31959850	272.78		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5643536	37.9		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4456676	38.69		ug/ml
Aliphatic C9-C28	3.136	17.272	21273842	176.015	1200	ug/ml