

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:	5	SDG No.:	Q2021
Lab Sample ID:	Q2021-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
05/15/25 13:40	05/16/25 18:22	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.01		1	1.05	4.61	mg/kg	FG015857.D
Total EPH	Total EPH	8.01			1.05	4.61	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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FG015857.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	8.01		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.4		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-07	Acq On:	16 May 2025 18:22
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FG015857.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	260761	2.297	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1330130	11.395	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4965591	40.635	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6012665	50.045	400	ug/ml
Aliphatic C28-C40	17.273	22.179	20667644	187.15	600	ug/ml
Aliphatic EPH	3.136	22.179	33236791	291.523		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5563170	37.36		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4439184	38.53		ug/ml
Aliphatic C9-C28	3.136	17.272	12569147	104.372	1200	ug/ml