

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3012
Lab Sample ID:	Q3012-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
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
09/04/25 09:05	09/04/25 20:35	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.94		1	0.96	4.21	mg/kg	FE055674.D
Total EPH	Total EPH	4.94			0.96	4.21	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055674.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.94		0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.83		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.4		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.8		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-06	Acq On:	04 Sep 2025 20:35
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055674.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	343015	2.671	300	ug/ml
Aliphatic C12-C16	6.947	10.398	952004	7.047	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6163158	42.735	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2565891	17.914	400	ug/ml
Aliphatic C28-C40	17.449	22.463	9473676	68.79	600	ug/ml
Aliphatic EPH	3.312	22.463	19497744	139.157		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4410059	26.84		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	3431139	27.44		ug/ml
Aliphatic C9-C28	3.312	17.448	10024068	70.367	1200	ug/ml