

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:	3	SDG No.:	Q3012
Lab Sample ID:	Q3012-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 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 20:05	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.08	J	1	0.97	4.25	mg/kg	FE055673.D
Total EPH	Total EPH	3.08	J		0.97	4.25	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055673.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	3.08	J	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.58		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.9		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-05	Acq On:	04 Sep 2025 20:05
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE055673.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	813583	6.336	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1142816	8.459	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1831993	12.703	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2289311	15.983	400	ug/ml
Aliphatic C28-C40	17.449	22.463	8907035	64.675	600	ug/ml
Aliphatic EPH	3.312	22.463	14984738	108.156		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4538877	27.63		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3489741	27.91		ug/ml
Aliphatic C9-C28	3.312	17.448	6077703	43.481	1200	ug/ml