

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave	Date Received:	
Client Sample ID:	PB169321BS	SDG No.:	Q2868
Lab Sample ID:	PB169321BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/20/25 08:15	08/20/25 12:33	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

Total EPH	Total EPH	98.9			0.91	3.99	mg/kg
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* 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
FE055406.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	98.9	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.0		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.0		40 - 140	94%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169321BS	Acq On:	20 Aug 2025 12:33
Client Sample ID:	PB169321BS	Operator:	YP\AJ
Data file:	FE055406.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	30257352	259.091	300	ug/ml
Aliphatic C12-C16	6.957	10.409	40880398	326.45	200	ug/ml
Aliphatic C16-C21	10.410	13.790	47984702	379.611	300	ug/ml
Aliphatic C21-C28	13.791	17.463	62574571	519.266	400	ug/ml
Aliphatic C28-C40	17.464	22.490	62852821	551.402	600	ug/ml
Aliphatic EPH	3.321	22.490	244549844	2040		ug/ml
ortho-Terphenyl (SURR)	12.086	12.086	6710014	46.99		ug/ml
1-chlorooctadecane (SURR)	13.522	13.522	5370660	49.95		ug/ml
Aliphatic C9-C28	3.321	17.463	181697023	1480	1200	ug/ml