

## Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	256-258 6TH AVE PATERSON	Date Received:	
Client Sample ID:	PB169949BSD	SDG No.:	Q3216
Lab Sample ID:	PB169949BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01      Units:    g	Final Vol:	2000                      uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 22:25	PB169949

Datafile

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

Total EPH	Total EPH	56.1			0.91	2.00	4.00	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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\* 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.

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### TARGETS

Total EPH	Total EPH	56.1			0.91	4.00	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.

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069922.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	56.1		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.2		1.18	2.00	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169949BSD	Acq On:	02 Oct 2025 22:25
Client Sample ID:	PB169949BSD	Operator:	YP/AJ
Data file:	FC069922.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	26719058	200.108	300	ug/ml
Aliphatic C12-C16	6.580	9.978	28955629	184.815	200	ug/ml
Aliphatic C16-C21	9.979	13.344	38374179	213.726	300	ug/ml
Aliphatic C21-C28	13.345	17.006	44272864	244.68	400	ug/ml
Aliphatic C28-C40	17.007	21.955	36980149	287.387	600	ug/ml
Aliphatic EPH	3.286	21.955	175301879	1130		ug/ml
ortho-Terphenyl (SURR)	11.649	11.649	6138838	32.78		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	4933042	31.24		ug/ml
Aliphatic C9-C28	3.286	17.006	138321730	843.329	1200	ug/ml