

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	89 E. Centre St, Nutley	Date Received:	
Client Sample ID:	PB168752BS	SDG No.:	Q2486
Lab Sample ID:	PB168752BS	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
07/08/25 09:05	07/08/25 13:13	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	80.8	E	1	0.91	3.99	mg/kg	FC069390.D
Total EPH	Total EPH	80.8			0.91	3.99	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
FC069390.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	80.8	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.5		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168752BS	Acq On:	08 Jul 2025 13:13
Client Sample ID:	PB168752BS	Operator:	YP/AJ
Data file:	FC069390.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	36931980	251.787	300	ug/ml
Aliphatic C12-C16	6.603	10.005	45966666	288.716	200	ug/ml
Aliphatic C16-C21	10.006	13.375	46570467	301.555	300	ug/ml
Aliphatic C21-C28	13.375	17.040	49659839	370.689	400	ug/ml
Aliphatic C28-C40	17.041	22.023	39626461	430.141	600	ug/ml
Aliphatic EPH	3.303	22.023	218755413	1640		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	6470596	37.45		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	5053469	38.68		ug/ml
Aliphatic C9-C28	3.303	17.040	179128952	1210	1200	ug/ml