

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	11 Newman Ave Nutley	Date Received:	
Client Sample ID:	PB169208BSD	SDG No.:	Q2757
Lab Sample ID:	PB169208BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 11:45	08/12/25 10:51	PB169208

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	79.7		1	0.91	3.99	mg/kg	FE055249.D
Total EPH	Total EPH	79.7			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
FE055249.D	1	08/11/25	08/12/25	PB169208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	79.7		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.9		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.3		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169208BSD	Acq On:	12 Aug 2025 10:51
Client Sample ID:	PB169208BSD	Operator:	YP\AJ
Data file:	FE055249.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	26370005	225.804	300	ug/ml
Aliphatic C12-C16	6.960	10.413	33786920	269.805	200	ug/ml
Aliphatic C16-C21	10.414	13.793	37693616	298.197	300	ug/ml
Aliphatic C21-C28	13.794	17.466	48443048	401.998	400	ug/ml
Aliphatic C28-C40	17.467	22.498	44287147	388.527	600	ug/ml
Aliphatic EPH	3.323	22.498	190580736	1580		ug/ml
ortho-Terphenyl (SURR)	12.092	12.092	6459654	45.23		ug/ml
1-chlorooctadecane (SURR)	13.528	13.528	5083080	47.27		ug/ml
Aliphatic C9-C28	3.323	17.466	146293589	1200	1200	ug/ml