

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/16/25
Project:	166 Belmont Ave Belleville	Date Received:	07/16/25
Client Sample ID:	1	SDG No.:	Q2618
Lab Sample ID:	Q2618-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.1
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
07/18/25 08:55	07/18/25 13:55	PB168910

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.8		1	1.00	4.39	mg/kg	FE054924.D
Total EPH	Total EPH	11.8			1.00	4.39	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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FE054924.D	1	07/18/25	07/18/25	PB168910

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.8		1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.77		1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.0		40 - 140	68%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-03	Acq On:	18 Jul 2025 13:55
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054924.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	296089	2.176	300	ug/ml
Aliphatic C12-C16	6.964	10.415	1322504	9.408	200	ug/ml
Aliphatic C16-C21	10.416	13.793	15154465	104.952	300	ug/ml
Aliphatic C21-C28	13.794	17.463	6548171	45.269	400	ug/ml
Aliphatic C28-C40	17.464	22.490	9040287	65.203	600	ug/ml
Aliphatic EPH	3.330	22.490	32361516	227.009		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5520080	33.99		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	4260430	33.73		ug/ml
Aliphatic C9-C28	3.330	17.463	23321229	161.805	1200	ug/ml