

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
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 15:00	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1	1.09	4.80	mg/kg	FE054741.D
Total EPH	Total EPH	3.35	J		1.09	4.80	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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FE054741.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	3.35	J	1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.6		1.41	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-05	Acq On:	08 Jul 2025 15:00
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054741.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	304472	2.238	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1138537	8.1	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2020424	13.992	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2543322	17.582	400	ug/ml
Aliphatic C28-C40	17.459	22.482	21836151	157.494	600	ug/ml
Aliphatic EPH	3.323	22.482	27842906	199.406		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4644078	28.6		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	3583162	28.37		ug/ml
Aliphatic C9-C28	3.323	17.458	6006755	41.912	1200	ug/ml