

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:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
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
07/08/25 09:05	07/08/25 16:02	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1	1.23	5.40	mg/kg	FE054743.D
Total EPH	Total EPH	2.66	J		1.23	5.40	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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FE054743.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	2.66	J	1.23	5.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.2		1.59	2.70	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.4		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-07	Acq On:	08 Jul 2025 16:02
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054743.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	319224	2.346	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1038668	7.389	200	ug/ml
Aliphatic C16-C21	10.410	13.786	1412791	9.784	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1457235	10.074	400	ug/ml
Aliphatic C28-C40	17.459	22.482	15692772	113.185	600	ug/ml
Aliphatic EPH	3.323	22.482	19920690	142.778		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4945580	30.45		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3803294	30.11		ug/ml
Aliphatic C9-C28	3.323	17.458	4227918	29.593	1200	ug/ml