

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	10 Hemlock Drive, Franklin Boro	Date Received:	
Client Sample ID:	1MS	SDG No.:	Q2504
Lab Sample ID:	Q2486-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.08 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 15:43	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	95.6	E	1	1.08	4.73	mg/kg	FC069393.D
Total EPH	Total EPH	95.6			1.08	4.73	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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FC069393.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	95.6	E	1.08	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	50.0	E	1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.1		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03MS	Acq On:	08 Jul 2025 15:43
Client Sample ID:	1MS	Operator:	YP/AJ
Data file:	FC069393.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	35413819	241.437	300	ug/ml
Aliphatic C12-C16	6.603	10.005	45192906	283.856	200	ug/ml
Aliphatic C16-C21	10.006	13.375	47132121	305.192	300	ug/ml
Aliphatic C21-C28	13.375	17.040	50954662	380.354	400	ug/ml
Aliphatic C28-C40	17.041	22.023	58376649	633.672	600	ug/ml
Aliphatic EPH	3.303	22.023	237070157	1840		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5649554	32.7		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4327509	33.12		ug/ml
Aliphatic C9-C28	3.303	17.040	178693508	1210	1200	ug/ml