

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/02/25
Project:	10 Hemlock Drive, Franklin Boro	Date Received:	07/03/25
Client Sample ID:	2	SDG No.:	Q2504
Lab Sample ID:	Q2504-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.8
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 17:03	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.58	J	1	1.08	4.76	mg/kg	FE054745.D
Total EPH	Total EPH	4.58	J		1.08	4.76	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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FE054745.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	4.58	J	1.08	4.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.2		1.41	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.7		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.4		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2504-04	Acq On:	08 Jul 2025 17:03
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054745.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	533941	3.924	300	ug/ml
Aliphatic C12-C16	6.957	10.409	917290	6.526	200	ug/ml
Aliphatic C16-C21	10.410	13.786	4968501	34.409	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1862137	12.873	400	ug/ml
Aliphatic C28-C40	17.459	22.482	17879742	128.958	600	ug/ml
Aliphatic EPH	3.323	22.482	26161611	186.691		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4614920	28.42		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3493443	27.66		ug/ml
Aliphatic C9-C28	3.323	17.458	8281869	57.732	1200	ug/ml