

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:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 14:52	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1	1.08	4.75	mg/kg	FC069392.D
Total EPH	Total EPH	4.29	J		1.08	4.75	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069392.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	4.29	J	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.3		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03	Acq On:	08 Jul 2025 14:52
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069392.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	503054	3.43	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1489627	9.356	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2796414	18.107	300	ug/ml
Aliphatic C21-C28	13.375	17.040	3144439	23.472	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13199171	143.275	600	ug/ml
Aliphatic EPH	3.303	22.023	21132705	197.641		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	6335694	36.67		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4815098	36.86		ug/ml
Aliphatic C9-C28	3.303	17.040	7933534	54.365	1200	ug/ml