

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	1	SDG No.:	Q2147
Lab Sample ID:	Q2147-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 15:25	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1	1.05	4.63	mg/kg	FE054152.D
Total EPH	Total EPH	25.6			1.05	4.63	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
FE054152.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.37	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.7		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-03	Acq On:	03 Jun 2025 15:25
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054152.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	224417	1.655	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1697150	12.577	200	ug/ml
Aliphatic C16-C21	10.179	13.552	19961887	151.329	300	ug/ml
Aliphatic C21-C28	13.553	17.220	20767030	167.237	400	ug/ml
Aliphatic C28-C40	17.221	22.091	30468249	263.952	600	ug/ml
Aliphatic EPH	3.085	22.091	73118733	596.751		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5334008	32.82		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4947176	41.73		ug/ml
Aliphatic C9-C28	3.085	17.220	42650484	332.798	1200	ug/ml