

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:	4	SDG No.:	Q2147
Lab Sample ID:	Q2147-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
06/03/25 10:00	06/03/25 17:56	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1	1.07	4.68	mg/kg	FE054157.D
Total EPH	Total EPH	11.2			1.07	4.68	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
FE054157.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	11.2		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.0		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.0		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-06	Acq On:	03 Jun 2025 17:56
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054157.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	789835	5.826	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1117068	8.278	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6555704	49.698	300	ug/ml
Aliphatic C21-C28	13.553	17.220	9803241	78.946	400	ug/ml
Aliphatic C28-C40	17.221	22.091	45776422	396.57	600	ug/ml
Aliphatic EPH	3.085	22.091	64042270	539.318		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4550399	28		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3835715	32.36		ug/ml
Aliphatic C9-C28	3.085	17.220	18265848	142.748	1200	ug/ml