

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:	5	SDG No.:	Q2147
Lab Sample ID:	Q2147-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.05 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 18:26	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.64		1	1.07	4.68	mg/kg	FE054158.D
Total EPH	Total EPH	7.64			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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054158.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	7.64		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.8		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.8		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-07	Acq On:	03 Jun 2025 18:26
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054158.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	254043	1.874	300	ug/ml
Aliphatic C12-C16	6.731	10.178	698091	5.173	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6953541	52.714	300	ug/ml
Aliphatic C21-C28	13.553	17.220	4952557	39.883	400	ug/ml
Aliphatic C28-C40	17.221	22.091	24840369	215.197	600	ug/ml
Aliphatic EPH	3.085	22.091	37698601	314.841		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	3805179	23.41		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3053172	25.75		ug/ml
Aliphatic C9-C28	3.085	17.220	12858232	99.644	1200	ug/ml