

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	08/01/25
Project:	11 Newman Ave Nutley	Date Received:	08/01/25
Client Sample ID:	1	SDG No.:	Q2757
Lab Sample ID:	Q2757-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
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
08/11/25 11:45	08/12/25 11:21	PB169208

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	12.2		1	1.10	4.85	mg/kg	FE055250.D
Total EPH	Total EPH	12.2			1.10	4.85	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
FE055250.D	1	08/11/25	08/12/25	PB169208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	12.2		1.10	4.85	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.6		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.9		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.6		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2757-03	Acq On:	12 Aug 2025 11:21
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE055250.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	1400348	11.991	300	ug/ml
Aliphatic C12-C16	6.960	10.413	9389476	74.98	200	ug/ml
Aliphatic C16-C21	10.414	13.793	5291412	41.861	300	ug/ml
Aliphatic C21-C28	13.794	17.466	2727256	22.632	400	ug/ml
Aliphatic C28-C40	17.467	22.498	38946018	341.67	600	ug/ml
Aliphatic EPH	3.323	22.498	57754510	493.133		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	4227337	29.6		ug/ml
1-chlorooctadecane (SURR)	13.526	13.526	3103526	28.86		ug/ml
Aliphatic C9-C28	3.323	17.466	18808492	151.464	1200	ug/ml