

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:	4	SDG No.:	Q2757
Lab Sample ID:	Q2757-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.5
Sample Wt/Vol:	30.04	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 14:25	PB169208

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	16.1		1	1.13	4.96	mg/kg	FE055255.D
Total EPH	Total EPH	16.1			1.13	4.96	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/01/25
Project:	11 Newman Ave Nutley	Date Received:	08/01/25
Client Sample ID:	4	SDG No.:	Q2757
Lab Sample ID:	Q2757-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055255.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	16.1		1.13	4.96	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1.46	2.48	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.3		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.5		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2757-06	Acq On:	12 Aug 2025 14:25
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055255.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	1956470	16.753	300	ug/ml
Aliphatic C12-C16	6.960	10.413	13778085	110.025	200	ug/ml
Aliphatic C16-C21	10.414	13.793	6634972	52.49	300	ug/ml
Aliphatic C21-C28	13.794	17.466	1804812	14.977	400	ug/ml
Aliphatic C28-C40	17.467	22.498	25750334	225.905	600	ug/ml
Aliphatic EPH	3.323	22.498	49924673	420.15		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	4788659	33.53		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	3584568	33.34		ug/ml
Aliphatic C9-C28	3.323	17.466	24174339	194.245	1200	ug/ml