

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	4 Hampton Place, Nutley	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3011
Lab Sample ID:	Q3011-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 08:00	09/04/25 15:29	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.17		1	1.02	4.47	mg/kg	FE055664.D
Total EPH	Total EPH	5.17			1.02	4.47	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
FE055664.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.17		1.02	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.73		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.6		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3011-04	Acq On:	04 Sep 2025 15:29
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE055664.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	3.312	6.946	470804	3.667	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1297983	9.608	200	ug/ml
Aliphatic C16-C21	10.399	13.777	2583168	17.912	300	ug/ml
Aliphatic C21-C28	13.778	17.448	5480426	38.262	400	ug/ml
Aliphatic C28-C40	17.449	22.463	12444679	90.362	600	ug/ml
Aliphatic EPH	3.312	22.463	22277060	159.81		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	4258755	25.92		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3200686	25.6		ug/ml
Aliphatic C9-C28	3.312	17.448	9832381	69.449	1200	ug/ml