

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	11 Newman Ave Nutley	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2757
Lab Sample ID:	Q2757-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 11:45	08/12/25 15:56	PB169208

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	147	E	1	1.12	4.92	mg/kg	FE055258.D
Total EPH	Total EPH	147			1.12	4.92	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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FE055258.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	147	E	1.12	4.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	124	E	1.45	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.6		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.8		40 - 140	78%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2757-07MSD	Acq On:	12 Aug 2025 15:56
Client Sample ID:	Q2757-07MSD	Operator:	YP\AJ
Data file:	FE055258.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	28366409	242.899	300	ug/ml
Aliphatic C12-C16	6.960	10.413	39250153	313.432	200	ug/ml
Aliphatic C16-C21	10.414	13.793	45145157	357.147	300	ug/ml
Aliphatic C21-C28	13.794	17.466	105906154	878.848	400	ug/ml
Aliphatic C28-C40	17.467	22.498	172685806	1510	600	ug/ml
Aliphatic EPH	3.323	22.498	391353679	3310		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	5533724	38.75		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	4475429	41.62		ug/ml
Aliphatic C9-C28	3.323	17.466	218667873	1790	1200	ug/ml