

Report of Analysis

Client:	Sciaccia General Contractors, LLC		Date Collected:		
Project:	89 E. Centre St, Nutley		Date Received:		
Client Sample ID:	1MSD		SDG No.:	Q2486	
Lab Sample ID:	Q2486-03MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.2	
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
07/08/25 09:05	07/08/25 16:33	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	98.3	E	1	1.08	4.75	mg/kg	FC069394.D
Total EPH	Total EPH	98.3			1.08	4.75	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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FC069394.D	1	07/08/25	07/08/25	PB168752

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	98.3	E	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	62.4	E	1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03MSD	Acq On:	08 Jul 2025 16:33
Client Sample ID:	Q2486-03MSD	Operator:	YP/AJ
Data file:	FC069394.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	36610071	249.592	300	ug/ml
Aliphatic C12-C16	6.603	10.005	46547958	292.367	200	ug/ml
Aliphatic C16-C21	10.006	13.375	48176989	311.958	300	ug/ml
Aliphatic C21-C28	13.375	17.040	52205208	389.689	400	ug/ml
Aliphatic C28-C40	17.041	22.023	72695541	789.102	600	ug/ml
Aliphatic EPH	3.303	22.023	256235767	2030		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	5754763	33.31		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4411834	33.77		ug/ml
Aliphatic C9-C28	3.303	17.040	183540226	1240	1200	ug/ml