

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2868
Lab Sample ID:	Q2868-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/20/25 08:00	08/20/25 16:35	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	251	E	1	1.23	2.08	mg/kg	FE055414.D
Aliphatic C9-C28	Aliphatic C9-C28	541	E	1	0.95	4.16	mg/kg	FE055414.D
Total EPH	Total EPH	792			2.18	6.24	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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FE055414.D	1	08/20/25	08/20/25	PB169321

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	541	E	0.95	4.16	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	251	E	1.23	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.8		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.8		40 - 140	88%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-07MSD	Acq On:	20 Aug 2025 16:35
Client Sample ID:	Q2868-07MSD	Operator:	YP\AJ
Data file:	FE055414.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	29211675	250.137	300	ug/ml
Aliphatic C12-C16	6.957	10.409	72840059	581.664	200	ug/ml
Aliphatic C16-C21	10.410	13.790	440401455	3480	300	ug/ml
Aliphatic C21-C28	13.791	17.463	421215202	3500	400	ug/ml
Aliphatic C28-C40	17.464	22.490	413870834	3630	600	ug/ml
Aliphatic EPH	3.321	22.490	1377539225	11400		ug/ml
ortho-Terphenyl (SURR)	12.095	12.095	6252659	43.78		ug/ml
1-chlorooctadecane (SURR)	13.530	13.530	6316589	58.75		ug/ml
Aliphatic C9-C28	3.321	17.463	963668391	7810	1200	ug/ml