

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	
Client Sample ID:	PB169545BS	SDG No.:	Q3012
Lab Sample ID:	PB169545BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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 09:05	09/04/25 13:58	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	61.3		1	0.91	4.00	mg/kg	FE055661.D
Total EPH	Total EPH	61.3			0.91	4.00	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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FE055661.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	61.3		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.4		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169545BS	Acq On:	04 Sep 2025 13:58
Client Sample ID:	PB169545BS	Operator:	YP\AJ
Data file:	FE055661.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	22071132	171.888	300	ug/ml
Aliphatic C12-C16	6.947	10.398	28655166	212.111	200	ug/ml
Aliphatic C16-C21	10.399	13.777	33552149	232.65	300	ug/ml
Aliphatic C21-C28	13.778	17.448	43521331	303.844	400	ug/ml
Aliphatic C28-C40	17.449	22.463	38229045	277.586	600	ug/ml
Aliphatic EPH	3.312	22.463	166028823	1200		ug/ml
ortho-Terphenyl (SURR)	12.075	12.075	5367830	32.67		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4176947	33.4		ug/ml
Aliphatic C9-C28	3.312	17.448	127799778	920.493	1200	ug/ml