

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	305 Central Ave, West Caldwell	Date Received:	
Client Sample ID:	PB166564BS	SDG No.:	Q1290
Lab Sample ID:	PB166564BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
02/05/25 09:25	02/05/25 14:08	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	70.3		1	1.72	3.99	mg/kg	FC068194.D
Total EPH	Total EPH	70.3			1.72	3.99	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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FC068194.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	70.3		1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.8		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.5		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166564BS	Acq On:	05 Feb 2025 14:08
Client Sample ID:	PB166564BS	Operator:	YP/AJ
Data file:	FC068194.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	26716777	192.917	300	ug/ml
Aliphatic C12-C16	6.378	9.761	33678707	244.557	200	ug/ml
Aliphatic C16-C21	9.762	13.114	37209362	275.586	300	ug/ml
Aliphatic C21-C28	13.115	16.766	43388184	341.082	400	ug/ml
Aliphatic C28-C40	16.767	21.570	33837598	326.495	600	ug/ml
Aliphatic EPH	3.110	21.570	174830628	1380		ug/ml
ortho-Terphenyl (SURR)	11.405	11.405	5699610	36.47		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	4467921	38.85		ug/ml
Aliphatic C9-C28	3.110	16.766	140993030	1050	1200	ug/ml