

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	4	SDG No.:	Q1290
Lab Sample ID:	Q1290-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.03 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 18:24	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1	1.95	4.52	mg/kg	FC068201.D
Total EPH	Total EPH	24.1			1.95	4.52	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068201.D	1	02/05/25	02/05/25	PB166564

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1.95	4.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.2		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.4		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.0		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-06	Acq On:	05 Feb 2025 18:24
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FC068201.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	620743	4.482	300	ug/ml
Aliphatic C12-C16	6.378	9.761	1793644	13.025	200	ug/ml
Aliphatic C16-C21	9.762	13.114	16255747	120.396	300	ug/ml
Aliphatic C21-C28	13.115	16.766	23693573	186.259	400	ug/ml
Aliphatic C28-C40	16.767	21.570	59408321	573.224	600	ug/ml
Aliphatic EPH	3.110	21.570	101772028	897.386		ug/ml
ortho-Terphenyl (SURR)	11.407	11.407	4840379	30.98		ug/ml
1-chlorooctadecane (SURR)	12.848	12.848	4072965	35.42		ug/ml
Aliphatic C9-C28	3.110	16.766	42363707	324.162	1200	ug/ml