

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:	1	SDG No.:	Q1290
Lab Sample ID:	Q1290-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.04 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 15:22	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.56		1	2.04	4.73	mg/kg	FC068196.D
Total EPH	Total EPH	6.56			2.04	4.73	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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FC068196.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	6.56		2.04	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.1		2.13	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-03	Acq On:	05 Feb 2025 15:22
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC068196.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	409367	2.956	300	ug/ml
Aliphatic C12-C16	6.378	9.761	962003	6.986	200	ug/ml
Aliphatic C16-C21	9.762	13.114	3298444	24.429	300	ug/ml
Aliphatic C21-C28	13.115	16.766	6585975	51.773	400	ug/ml
Aliphatic C28-C40	16.767	21.570	14593638	140.812	600	ug/ml
Aliphatic EPH	3.110	21.570	25849427	226.957		ug/ml
ortho-Terphenyl (SURR)	11.404	11.404	4900437	31.36		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	3754413	32.65		ug/ml
Aliphatic C9-C28	3.110	16.766	11255789	86.144	1200	ug/ml