

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	1	SDG No.:	Q1542
Lab Sample ID:	Q1542-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/12/25 08:55	03/12/25 13:38	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.93		1	2.02	4.68	mg/kg	FE052762.D
Total EPH	Total EPH	4.93			2.02	4.68	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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FE052762.D	1	03/12/25	03/12/25	PB167096

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.93		2.02	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.64		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-03	Acq On:	12 Mar 2025 13:38
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE052762.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	537104	3.444	300	ug/ml
Aliphatic C12-C16	6.791	10.243	1644687	10.813	200	ug/ml
Aliphatic C16-C21	10.244	13.621	2768399	18.891	300	ug/ml
Aliphatic C21-C28	13.622	17.293	4748732	33.336	400	ug/ml
Aliphatic C28-C40	17.294	22.210	14096437	110.483	600	ug/ml
Aliphatic EPH	3.148	22.210	23795359	176.967		ug/ml
ortho-Terphenyl (SURR)	11.908	11.908	5398815	32.02		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	3968594	32.68		ug/ml
Aliphatic C9-C28	3.148	17.293	9698922	66.484	1200	ug/ml