

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	248 Union St., Lodi	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q1542
Lab Sample ID:	Q1542-07MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
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 16:08	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	107	E	1	1.99	4.63	mg/kg	FE052767.D
Total EPH	Total EPH	107			1.99	4.63	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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FE052767.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	107	E	1.99	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	78.1	E	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.2		40 - 140	60%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-07MS	Acq On:	12 Mar 2025 16:08
Client Sample ID:	5MS	Operator:	YP\AJ
Data file:	FE052767.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	35514024	227.729	300	ug/ml
Aliphatic C12-C16	6.791	10.243	42736755	280.981	200	ug/ml
Aliphatic C16-C21	10.244	13.621	49074176	334.867	300	ug/ml
Aliphatic C21-C28	13.622	17.293	77215930	542.049	400	ug/ml
Aliphatic C28-C40	17.294	22.210	129368611	1010	600	ug/ml
Aliphatic EPH	3.148	22.210	333909496	2400		ug/ml
ortho-Terphenyl (SURR)	11.910	11.910	5091163	30.2		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3959468	32.61		ug/ml
Aliphatic C9-C28	3.148	17.293	204540885	1390	1200	ug/ml