

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:	4	SDG No.:	Q1542
Lab Sample ID:	Q1542-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
Sample Wt/Vol:	30.08 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 15:08	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	21.7		1	1.97	4.56	mg/kg	FE052765.D
Total EPH	Total EPH	21.7			1.97	4.56	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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FE052765.D	1	03/12/25	03/12/25	PB167096

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	21.7		1.97	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.9		2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.3		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-06	Acq On:	12 Mar 2025 15:08
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE052765.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	739995	4.745	300	ug/ml
Aliphatic C12-C16	6.791	10.243	1792542	11.785	200	ug/ml
Aliphatic C16-C21	10.244	13.621	3909326	26.676	300	ug/ml
Aliphatic C21-C28	13.622	17.293	35125197	246.576	400	ug/ml
Aliphatic C28-C40	17.294	22.210	58418092	457.861	600	ug/ml
Aliphatic EPH	3.148	22.210	99985152	747.644		ug/ml
ortho-Terphenyl (SURR)	11.909	11.909	4944795	29.33		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	3832336	31.56		ug/ml
Aliphatic C9-C28	3.148	17.293	41567060	289.782	1200	ug/ml