

Report of Analysis

Client:	PSEG	Date Collected:	10/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	10/22/25
Client Sample ID:	EO-02-10222025-E2	SDG No.:	Q3431
Lab Sample ID:	Q3431-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89
Sample Wt/Vol:	30.06 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/23/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	41.1		1	1.32	2.24	mg/kg	FE056464.D	10/23/25 15:48	PB170229
Aliphatic C9-C28	Aliphatic C9-C28	6.24		1	1.02	4.49	mg/kg	FE056464.D	10/23/25 15:48	PB170229
Total AliphaticEPH	Total AliphaticEPH	47.3			2.34	6.73	mg/kg			
Total EPH	Total EPH	47.3			2.34	6.73	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.24	1		1.02	4.49	mg/kg	10/23/25	PB170229
Aliphatic C28-C40	Aliphatic C28-C40	41.1	1		1.32	2.24	mg/kg	10/23/25	PB170229
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	28.3			40 - 140	57%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.6			40 - 140	53%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3431-02	Acq On:	23 Oct 2025 15:48
Client Sample ID:	EO-02-10222025-E2	Operator:	YP\AJ
Data file:	FE056464.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.294	6.921	801295	4.854	300	ug/ml
Aliphatic C12-C16	6.922	10.373	2210459	12.961	200	ug/ml
Aliphatic C16-C21	10.374	13.751	3887492	21.762	300	ug/ml
Aliphatic C21-C28	13.752	17.422	7867282	43.929	400	ug/ml
Aliphatic C28-C40	17.423	22.413	76320790	549.851	600	ug/ml
Aliphatic EPH	3.294	22.413	91087318	633.357		ug/ml
ortho-Terphenyl (SURR)	12.050	12.050	5423531	26.55		ug/ml
1-chlorooctadecane (SURR)	13.486	13.486	4320179	28.31		ug/ml
Aliphatic C9-C28	3.294	17.422	14766528	83.506	1200	ug/ml