

Report of Analysis

Client:	PSEG	Date Collected:	10/30/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	10/30/25
Client Sample ID:	OK-01-103025	SDG No.:	Q3497
Lab Sample ID:	Q3497-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.5
Sample Wt/Vol:	30.06 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	8.54		1	1.39	2.36	mg/kg	FE056614.D	10/31/25 17:00	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	1.07	U	1	1.07	4.72	mg/kg	FE056614.D	10/31/25 17:00	PB170341
Total AliphaticEPH	Total AliphaticEPH	8.54			2.46	7.08	mg/kg			
Total EPH	Total EPH	8.54			2.46	7.08	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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Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
	Prep Date	10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1	1.07	4.72	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	8.54		1	1.39	2.36	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.7			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.5			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3497-01	Acq On:	31 Oct 2025 17:00
Client Sample ID:	OK-01-103025	Operator:	YP\AJ
Data file:	FE056614.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.227	6.853	133061	0.777	300	ug/ml
Aliphatic C12-C16	6.854	10.303	853162	4.773	200	ug/ml
Aliphatic C16-C21	10.304	13.679	1130685	6.062	300	ug/ml
Aliphatic C21-C28	13.680	17.352	1504577	7.805	400	ug/ml
Aliphatic C28-C40	17.353	22.305	17280137	108.465	600	ug/ml
Aliphatic EPH	3.227	22.305	20901622	127.883		ug/ml
ortho-Terphenyl (SURR)	11.971	11.971	4914355	23.52		ug/ml
1-chlorooctadecane (SURR)	13.410	13.410	3983963	24.73		ug/ml
Aliphatic C9-C28	3.227	17.352	3621485	19.417	1200	ug/ml