

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-E2	SDG No.:	Q3497
Lab Sample ID:	Q3497-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.09 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	19.9		1	1.37	2.33	mg/kg	FE056615.D	10/31/25 17:30	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	3.60	J	1	1.06	4.65	mg/kg	FE056615.D	10/31/25 17:30	PB170341
Total AliphaticEPH	Total AliphaticEPH	23.5			2.43	6.98	mg/kg			
Total EPH	Total EPH	23.5			2.43	6.98	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	3.60	J	1	1.06	4.65	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	19.9		1	1.37	2.33	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.3			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.4			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3497-02	Acq On:	31 Oct 2025 17:30
Client Sample ID:	OK-01-103025-E2	Operator:	YP\AJ
Data file:	FE056615.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	3.227	6.853	322858	1.886	300	ug/ml
Aliphatic C12-C16	6.854	10.303	1697112	9.494	200	ug/ml
Aliphatic C16-C21	10.304	13.679	2636846	14.138	300	ug/ml
Aliphatic C21-C28	13.680	17.352	4360042	22.618	400	ug/ml
Aliphatic C28-C40	17.353	22.305	40897709	256.71	600	ug/ml
Aliphatic EPH	3.227	22.305	49914567	304.847		ug/ml
ortho-Terphenyl (SURR)	11.971	11.971	4888932	23.4		ug/ml
1-chlorooctadecane (SURR)	13.410	13.410	3747714	23.26		ug/ml
Aliphatic C9-C28	3.227	17.352	9016858	48.136	1200	ug/ml