

Report of Analysis

Client:	PSEG	Date Collected:	12/04/25
Project:	PSEG. Oakland Gas District	Date Received:	12/04/25
Client Sample ID:	OK-1242025-1-EPH	SDG No.:	Q3781
Lab Sample ID:	Q3781-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.02 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 12/05/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	77.6		2	2.72	4.61	mg/kg	FE057215.D	12/08/25 11:04	PB170837
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1	1.05	4.61	mg/kg	FE057204.D	12/05/25 20:37	PB170837
Total AliphaticEPH	Total AliphaticEPH	88.8			3.77	9.22	mg/kg			
Total EPH	Total EPH	88.8			3.77	9.22	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	11.2	1		1.05	4.61	mg/kg	12/05/25	PB170837
Aliphatic C28-C40	Aliphatic C28-C40	67.3	E 1		1.36	2.31	mg/kg	12/05/25	PB170837
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.6			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.9			40 - 140	54%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3781-02	Acq On:	05 Dec 2025 20:37
Client Sample ID:	OK-1242025-1-EPH	Operator:	YP\AJ
Data file:	FE057204.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	845601	4.214	300	ug/ml
Aliphatic C12-C16	6.819	10.264	3815613	18.78	200	ug/ml
Aliphatic C16-C21	10.265	13.638	8371105	42.211	300	ug/ml
Aliphatic C21-C28	13.639	17.307	15961819	80.312	400	ug/ml
Aliphatic C28-C40	17.308	22.236	175068859	875.783	600	ug/ml
Aliphatic EPH	3.193	22.236	204062997	1020		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	5896061	26.87		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4089207	24.57		ug/ml
Aliphatic C9-C28	3.193	17.307	28994138	145.517	1200	ug/ml