

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	SDG No.:	Q3781
Lab Sample ID:	Q3781-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
Sample Wt/Vol:	30.06 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
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TARGETS

Aliphatic C28-C40	Aliphatic C28-C40	44.5		1	1.32	2.24	mg/kg	FE057203.D	12/05/25 20:07	PB170837
Aliphatic C9-C28	Aliphatic C9-C28	7.43		1	1.02	4.47	mg/kg	FE057203.D	12/05/25 20:07	PB170837
Total AliphaticEPH	Total AliphaticEPH	51.9			2.34	6.71	mg/kg			
Total EPH	Total EPH	51.9			2.34	6.71	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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		Prep Date	12/05/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	7.43	1		1.02	4.47	mg/kg	12/05/25	PB170837
Aliphatic C28-C40	Aliphatic C28-C40	44.5	1		1.32	2.24	mg/kg	12/05/25	PB170837
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	21.0			40 - 140	42%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.9			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3781-01	Acq On:	05 Dec 2025 20:07
Client Sample ID:	OK-1242025-1	Operator:	YP\AJ
Data file:	FE057203.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	880714	4.389	300	ug/ml
Aliphatic C12-C16	6.819	10.264	2752219	13.546	200	ug/ml
Aliphatic C16-C21	10.265	13.638	4949347	24.957	300	ug/ml
Aliphatic C21-C28	13.639	17.307	11273418	56.722	400	ug/ml
Aliphatic C28-C40	17.308	22.236	119437376	597.486	600	ug/ml
Aliphatic EPH	3.193	22.236	139293074	697.1		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	5473696	24.94		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	3488578	20.96		ug/ml
Aliphatic C9-C28	3.193	17.307	19855698	99.614	1200	ug/ml