

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Camden Gas Plant	Date Received:	
Client Sample ID:	PB170099BS	SDG No.:	Q3345
Lab Sample ID:	PB170099BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	EPH
Prep Method :	SW3510	Final Vol:	2000 uL
		Prep Date :	10/15/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	107		1	8.28	30.0	ug/l	FC069974.D	10/15/25 15:24	PB170099
Aliphatic C12-C16	Aliphatic C12-C16	122		1	13.5	20.0	ug/l	FC069974.D	10/15/25 15:24	PB170099
Aliphatic C16-C21	Aliphatic C16-C21	205		1	8.34	30.0	ug/l	FC069974.D	10/15/25 15:24	PB170099
Aliphatic C21-C28	Aliphatic C21-C28	272		1	12.5	40.0	ug/l	FC069974.D	10/15/25 15:24	PB170099
Aliphatic C28-C40	Aliphatic C28-C40	451		1	23.8	60.0	ug/l	FC069974.D	10/15/25 15:24	PB170099
Aromatic C10-C12	Aromatic C10-C12	125		1	2.07	20.0	ug/l	FD049843.D	10/15/25 15:24	PB170099
Aromatic C12-C16	Aromatic C12-C16	205		1	4.26	30.0	ug/l	FD049843.D	10/15/25 15:24	PB170099
Aromatic C16-C21	Aromatic C16-C21	413		1	8.27	50.0	ug/l	FD049843.D	10/15/25 15:24	PB170099
Aromatic C21-C36	Aromatic C21-C36	692		1	23.8	80.0	ug/l	FD049843.D	10/15/25 15:24	PB170099
Total AliphaticEPH	Total AliphaticEPH	1160			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1440			38.4	180	ug/l			
Total EPH	Total EPH	2590			105	360	ug/l			

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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Aliphatic C28-C40	Aliphatic C28-C40	451	1		23.8	60.0	ug/l	10/15/25	PB170099
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	35.9			40 - 140	72%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170099BS	Acq On:	15 Oct 2025 15:24
Client Sample ID:	PB170099BS	Operator:	YP/AJ
Data file:	FC069974.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.484	6.577	7788559	53.794	300	ug/ml
Aliphatic C12-C16	6.578	9.978	10062987	61.441	200	ug/ml
Aliphatic C16-C21	9.979	13.346	16670542	102.939	300	ug/ml
Aliphatic C21-C28	13.347	17.009	20078809	136.458	400	ug/ml
Aliphatic C28-C40	17.010	21.966	24307313	225.905	600	ug/ml
Aliphatic EPH	3.484	21.966	78908210	580.537		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	4868856	35.87		ug/ml
Aliphatic C9-C28	3.484	17.009	54600897	354.632	1200	ug/ml