

Report of Analysis

Client: PSEG		Date Collected: 12/09/25
Project: PSEG South Clifton Ave Property		Date Received: 12/09/25
Client Sample ID: TP-3		SDG No.: Q3826
Lab Sample ID: Q3826-13		Matrix: Solid
Analytical Method: NJEPH		% Solid: 84.7
Sample Wt/Vol: 30.08 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :	Prep Date : 12/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	6.74		1	1.39	2.35	mg/kg	FE057291.D	12/10/25 21:12	PB170886
Aliphatic C9-C28	Aliphatic C9-C28	3.43	J	1	1.07	4.71	mg/kg	FE057291.D	12/10/25 21:12	PB170886
Total AliphaticEPH	Total AliphaticEPH	10.2			2.46	7.07	mg/kg			
Total EPH	Total EPH	10.2			2.46	7.07	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	3.43	J	1	1.07	4.71	mg/kg	12/10/25	PB170886
Aliphatic C28-C40	Aliphatic C28-C40	6.74		1	1.39	2.35	mg/kg	12/10/25	PB170886
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.5			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.7			40 - 140	57%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3826-13	Acq On:	10 Dec 2025 21:12
Client Sample ID:	TP-3	Operator:	YP\AJ
Data file:	FE057291.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.189	6.816	971793	4.843	300	ug/ml
Aliphatic C12-C16	6.817	10.262	826359	4.067	200	ug/ml
Aliphatic C16-C21	10.263	13.636	2398946	12.097	300	ug/ml
Aliphatic C21-C28	13.637	17.306	4516308	22.724	400	ug/ml
Aliphatic C28-C40	17.307	22.235	17168530	85.886	600	ug/ml
Aliphatic EPH	3.189	22.235	25881936	129.616		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	6289111	28.66		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4240806	25.48		ug/ml
Aliphatic C9-C28	3.189	17.306	8713406	43.731	1200	ug/ml