

Report of Analysis

Client:	PSEG	Date Collected:	11/19/25
Project:	PSEG 9th Ave Pole Yard	Date Received:	11/19/25
Client Sample ID:	ETGI-354-E2	SDG No.:	Q3681
Lab Sample ID:	Q3681-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	7.26		1	1.39	2.35	mg/kg	FE056968.D	11/20/25 19:05	PB170649
Aliphatic C9-C28	Aliphatic C9-C28	3.30	J	1	1.07	4.71	mg/kg	FE056968.D	11/20/25 19:05	PB170649
Total AliphaticEPH	Total AliphaticEPH	10.6			2.46	7.06	mg/kg			
Total EPH	Total EPH	10.6			2.46	7.06	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	3.30	J	1	1.07	4.71	mg/kg	11/20/25	PB170649
Aliphatic C28-C40	Aliphatic C28-C40	7.26		1	1.39	2.35	mg/kg	11/20/25	PB170649
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.1			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.6			40 - 140	59%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3681-02	Acq On:	20 Nov 2025 19:05
Client Sample ID:	ETGI-354-E2	Operator:	YP\AJ
Data file:	FE056968.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.212	6.835	697449	4.075	300	ug/ml
Aliphatic C12-C16	6.836	10.280	2172740	12.155	200	ug/ml
Aliphatic C16-C21	10.281	13.654	2004209	10.746	300	ug/ml
Aliphatic C21-C28	13.655	17.324	2900591	15.047	400	ug/ml
Aliphatic C28-C40	17.325	22.258	14758898	92.64	600	ug/ml
Aliphatic EPH	3.212	22.258	22533887	134.663		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	6177376	29.57		ug/ml
1-chlorooctadecane (SURR)	13.382	13.382	4048042	25.12		ug/ml
Aliphatic C9-C28	3.212	17.324	7774989	42.023	1200	ug/ml