

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	SDG No.:	Q3681
Lab Sample ID:	Q3681-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.08 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	9.70		1	1.41	2.39	mg/kg	FE056964.D	11/20/25 17:04	PB170649
Aliphatic C9-C28	Aliphatic C9-C28	7.85		1	1.09	4.80	mg/kg	FE056964.D	11/20/25 17:04	PB170649
Total AliphaticEPH	Total AliphaticEPH	17.6			2.50	7.19	mg/kg			
Total EPH	Total EPH	17.6			2.50	7.19	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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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	7.85	1		1.09	4.80	mg/kg	11/20/25	PB170649
Aliphatic C28-C40	Aliphatic C28-C40	9.70	1		1.41	2.39	mg/kg	11/20/25	PB170649
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	32.9			40 - 140	66%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	38.2			40 - 140	76%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3681-01	Acq On:	20 Nov 2025 17:04
Client Sample ID:	ETGI-354	Operator:	YP\AJ
Data file:	FE056964.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.212	6.835	606055	3.541	300	ug/ml
Aliphatic C12-C16	6.836	10.280	6428489	35.963	200	ug/ml
Aliphatic C16-C21	10.281	13.654	6309388	33.83	300	ug/ml
Aliphatic C21-C28	13.655	17.324	4829176	25.052	400	ug/ml
Aliphatic C28-C40	17.325	22.258	19356863	121.501	600	ug/ml
Aliphatic EPH	3.212	22.258	37529971	219.886		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	7976556	38.18		ug/ml
1-chlorooctadecane (SURR)	13.384	13.384	5307525	32.94		ug/ml
Aliphatic C9-C28	3.212	17.324	18173108	98.386	1200	ug/ml