

Report of Analysis

Client:	PSEG	Date Collected:	12/12/25
Project:	Hackensack - Palisades Electric Division Sub HQ	Date Received:	12/12/25
Client Sample ID:	ETGI-360	SDG No.:	Q3854
Lab Sample ID:	Q3854-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.06 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 12/15/25		

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	4.42		1	1.28	2.17	mg/kg	FE057335.D	12/15/25 14:53	PB170942
Aliphatic C9-C28	Aliphatic C9-C28	1.93	J	1	0.99	4.32	mg/kg	FE057335.D	12/15/25 14:53	PB170942
Total AliphaticEPH	Total AliphaticEPH	6.35	J		2.27	6.49	mg/kg			
Total EPH	Total EPH	6.35	J		2.27	6.49	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	12/15/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.93	J	1	0.99	4.32	mg/kg	12/15/25	PB170942
Aliphatic C28-C40	Aliphatic C28-C40	4.42		1	1.28	2.17	mg/kg	12/15/25	PB170942
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.6			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.4			40 - 140	53%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3854-01	Acq On:	15 Dec 2025 14:53
Client Sample ID:	ETGI-360	Operator:	YP\AJ
Data file:	FE057335.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.189	6.813	715610	3.566	300	ug/ml
Aliphatic C12-C16	6.814	10.257	841383	4.141	200	ug/ml
Aliphatic C16-C21	10.258	13.629	1085756	5.475	300	ug/ml
Aliphatic C21-C28	13.630	17.298	2684019	13.505	400	ug/ml
Aliphatic C28-C40	17.299	22.217	12234219	61.202	600	ug/ml
Aliphatic EPH	3.189	22.217	17560987	87.889		ug/ml
ortho-Terphenyl (SURR)	11.926	11.926	5790822	26.39		ug/ml
1-chlorooctadecane (SURR)	13.363	13.363	3758232	22.58		ug/ml
Aliphatic C9-C28	3.189	17.298	5326768	26.687	1200	ug/ml