

Report of Analysis

Client:	PSEG	Date Collected:	10/30/25
Project:	Hackensack - Palisades Electric Division Sub HQ	Date Received:	10/30/25
Client Sample ID:	72-11986	SDG No.:	Q3504
Lab Sample ID:	Q3504-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.02 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1	1.31	2.21	mg/kg	FE056617.D	10/31/25 18:31	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	12.6		1	1.01	4.44	mg/kg	FE056617.D	10/31/25 18:31	PB170341
Total AliphaticEPH	Total AliphaticEPH	23.6			2.32	6.65	mg/kg			
Total EPH	Total EPH	23.6			2.32	6.65	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

Report of Analysis

Client:	PSEG	Date Collected:	10/30/25
Project:	Hackensack - Palisades Electric Division Sub HQ	Date Received:	10/30/25
Client Sample ID:	72-11986	SDG No.:	Q3504
Lab Sample ID:	Q3504-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	10/31/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	12.6	1		1.01	4.44	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	11.0	1		1.31	2.21	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.9			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.8			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3504-01	Acq On:	31 Oct 2025 18:31
Client Sample ID:	72-11986	Operator:	YP\AJ
Data file:	FE056617.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.227	6.853	126342	0.738	300	ug/ml
Aliphatic C12-C16	6.854	10.303	3582454	20.041	200	ug/ml
Aliphatic C16-C21	10.304	13.679	23026236	123.461	300	ug/ml
Aliphatic C21-C28	13.680	17.352	5364206	27.828	400	ug/ml
Aliphatic C28-C40	17.353	22.305	23790527	149.33	600	ug/ml
Aliphatic EPH	3.227	22.305	55889765	321.399		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	4768393	22.82		ug/ml
1-chlorooctadecane (SURR)	13.411	13.411	3844009	23.86		ug/ml
Aliphatic C9-C28	3.227	17.352	32099238	172.068	1200	ug/ml