

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:	322	SDG No.:	Q3503
Lab Sample ID:	Q3503-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.04 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	736		10	70.2	119	mg/kg	FE056619.D	10/31/25 19:32	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	2910		10	54.1	238	mg/kg	FE056619.D	10/31/25 19:32	PB170341
Total AliphaticEPH	Total AliphaticEPH	3650			124	357	mg/kg			
Total EPH	Total EPH	3650			124	357	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:	322	SDG No.:	Q3503
Lab Sample ID:	Q3503-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.04 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	2910	10	54.1	238	mg/kg	10/31/25	PB170341	
Aliphatic C28-C40	Aliphatic C28-C40	736	10	70.2	119	mg/kg	10/31/25	PB170341	
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	4.70		40 - 140	94%	SPK: 50			
84-15-1	ortho-Terphenyl (SURR)	4.91		40 - 140	98%	SPK: 50			

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3503-01	Acq On:	31 Oct 2025 19:32
Client Sample ID:	322	Operator:	YP\AJ
Data file:	FE056619.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.227	6.853	31310839	182.93	300	ug/ml
Aliphatic C12-C16	6.854	10.303	20338778	113.781	200	ug/ml
Aliphatic C16-C21	10.304	13.679	58315160	312.673	300	ug/ml
Aliphatic C21-C28	13.680	17.352	24167915	125.374	400	ug/ml
Aliphatic C28-C40	17.353	22.305	29548471	185.472	600	ug/ml
Aliphatic EPH	3.227	22.305	163681163	920.23		ug/ml
ortho-Terphenyl (SURR)	11.969	11.969	1026776	4.91		ug/ml
1-chlorooctadecane (SURR)	13.410	13.410	757827	4.7		ug/ml
Aliphatic C9-C28	3.227	17.352	134132692	734.758	1200	ug/ml