

Report of Analysis

Client:	PSEG	Date Collected:	11/07/25
Project:	PSEG Moorestown HQ	Date Received:	11/07/25
Client Sample ID:	MOO-25-0317-0318-COMP	SDG No.:	Q3590
Lab Sample ID:	Q3590-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	46.2
Sample Wt/Vol:	5.03 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	2060		10	152	258	mg/kg	FE056757.D	11/12/25 4:47	PB170479
Aliphatic C9-C28	Aliphatic C9-C28	8110		10	118	516	mg/kg	FE056757.D	11/12/25 4:47	PB170479
Total AliphaticEPH	Total AliphaticEPH	10200			270	774	mg/kg			
Total EPH	Total EPH	10200			270	774	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:	11/07/25
Project:	PSEG Moorestown HQ	Date Received:	11/07/25
Client Sample ID:	MOO-25-0317-0318-COMP	SDG No.:	Q3590
Lab Sample ID:	Q3590-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	46.2
Sample Wt/Vol:	5.03 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/11/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	8080	E	1	11.8	51.6	mg/kg	11/12/25	PB170479
Aliphatic C28-C40	Aliphatic C28-C40	2170	E	1	15.2	25.8	mg/kg	11/12/25	PB170479
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	35.8			40 - 140	72%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	34.3			40 - 140	68%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3590-03	Acq On:	12 Nov 2025 08:48
Client Sample ID:	MOO-25-0317-0318-COMI	Operator:	YP\AJ
Data file:	FE056764.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	953501	5.571	300	ug/ml
Aliphatic C12-C16	6.841	10.285	62474025	349.497	200	ug/ml
Aliphatic C16-C21	10.286	13.658	408657608	2190	300	ug/ml
Aliphatic C21-C28	13.659	17.327	1319971625	6850	400	ug/ml
Aliphatic C28-C40	17.328	22.264	402272436	2530	600	ug/ml
Aliphatic EPH	3.218	22.264	2194329195	11900		ug/ml
ortho-Terphenyl (SURR)	11.959	11.959	7154907	34.25		ug/ml
1-chlorooctadecane (SURR)	13.404	13.404	5769280	35.81		ug/ml
Aliphatic C9-C28	3.218	17.327	1792056759	9390	1200	ug/ml