

Report of Analysis

Client:	PSEG	Date Collected:	11/20/25
Project:	PSEG - Moorestown HQ	Date Received:	11/20/25
Client Sample ID:	MOO-25-0331	SDG No.:	Q3697
Lab Sample ID:	Q3697-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	9.41		1	1.36	2.30	mg/kg	FE056983.D	11/21/25 16:02	PB170681
Aliphatic C9-C28	Aliphatic C9-C28	998		20	20.9	92.1	mg/kg	FE057020.D	11/25/25 11:23	PB170681
Total AliphaticEPH	Total AliphaticEPH	1010			22.3	94.4	mg/kg			
Total EPH	Total EPH	1010			22.3	94.4	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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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1050	E	1	1.05	4.61	mg/kg	11/21/25	PB170681
Aliphatic C28-C40	Aliphatic C28-C40	9.41		1	1.36	2.30	mg/kg	11/21/25	PB170681
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.4			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	36.3			40 - 140	73%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3697-01	Acq On:	21 Nov 2025 16:02
Client Sample ID:	MOO-25-0331	Operator:	YP\AJ
Data file:	FE056983.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	3.206	6.830	1994891	11.655	300	ug/ml
Aliphatic C12-C16	6.831	10.275	360786849	2020	200	ug/ml
Aliphatic C16-C21	10.276	13.648	1716262361	9200	300	ug/ml
Aliphatic C21-C28	13.649	17.317	486495129	2520	400	ug/ml
Aliphatic C28-C40	17.318	22.248	19526411	122.565	600	ug/ml
Aliphatic EPH	3.206	22.248	2585065641	13900		ug/ml
ortho-Terphenyl (SURR)	11.965	11.965	7584968	36.31		ug/ml
1-chlorooctadecane (SURR)	13.402	13.402	3771886	23.41		ug/ml
Aliphatic C9-C28	3.206	17.317	2565539230	13800	1200	ug/ml