

Report of Analysis

Client:	PSEG	Date Collected:	11/13/25
Project:	PSEG Garfield Place - State St	Date Received:	11/13/25
Client Sample ID:	TP-5-EPH	SDG No.:	Q3628
Lab Sample ID:	Q3628-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.7
Sample Wt/Vol:	30.08 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 11/14/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	6.68		1	1.34	2.27	mg/kg	FE056849.D	11/14/25 16:24	PB170552
Aliphatic C9-C28	Aliphatic C9-C28	4.19	J	1	1.03	4.56	mg/kg	FE056849.D	11/14/25 16:24	PB170552
Total AliphaticEPH	Total AliphaticEPH	10.9			2.38	6.83	mg/kg			
Total EPH	Total EPH	10.9			2.38	6.83	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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Aliphatic C9-C28	Aliphatic C9-C28	4.19	J	1	1.03	4.56	mg/kg	11/14/25	PB170552
Aliphatic C28-C40	Aliphatic C28-C40	6.68		1	1.34	2.27	mg/kg	11/14/25	PB170552
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.8			40 - 140	52%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	31.1			40 - 140	62%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3628-02	Acq On:	14 Nov 2025 16:24
Client Sample ID:	TP-5-EPH	Operator:	YP\AJ
Data file:	FE056849.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	3.212	6.835	631651	3.69	300	ug/ml
Aliphatic C12-C16	6.836	10.280	2003854	11.21	200	ug/ml
Aliphatic C16-C21	10.281	13.653	5788043	31.034	300	ug/ml
Aliphatic C21-C28	13.654	17.322	1804220	9.36	400	ug/ml
Aliphatic C28-C40	17.323	22.254	14042723	88.145	600	ug/ml
Aliphatic EPH	3.212	22.254	24270491	143.439		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	6487985	31.06		ug/ml
1-chlorooctadecane (SURR)	13.387	13.387	4163351	25.84		ug/ml
Aliphatic C9-C28	3.212	17.322	10227768	55.294	1200	ug/ml