284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG			Date Collected:	
Project:	PSEG 9th Ave Pole Yard			Date Received:	
Client Sample ID:	PB170649BS			SDG No.:	Q3681
Lab Sample ID:	PB170649BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	1.18	2.00	mg/kg	FE056961.D	11/20/25 15:33	PB170649
Aliphatic C9-C28	Aliphatic C9-C28	65.9		1	0.91	3.99	mg/kg	FE056961.D	11/20/25 15:33	PB170649
Total AliphaticEPH	Total AliphaticEPH	90.2			2.09	5.99	mg/kg			
Total EPH	Total EPH	90.2			2.09	5.99	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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TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	1.18	2.00	mg/kg	FE056961.D	11/20/25 15:33	PB170649
Aliphatic C9-C28	Aliphatic C9-C28	65.9		1	0.91	3.99	mg/kg	FE056961.D	11/20/25 15:33	PB170649
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Total EPH	Total EPH	90.2			2.09	5.99	mg/kg			

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Lab Sample ID:	PB170649BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.9		1	0.91	3.99	mg/kg	11/20/25	PB170649
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	1.18	2.00	mg/kg	11/20/25	PB170649
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	28.8			40 - 140	58%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.0			40 - 140	66%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170649BS	Acq On:	20 Nov 2025 15:33
Client Sample ID:	PB170649BS	Operator:	YP\AJ
Data file:	FE056961.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.212	6.835	31864601	186.166	300	ug/ml
Aliphatic C12-C16	6.836	10.280	42665613	238.683	200	ug/ml
Aliphatic C16-C21	10.281	13.654	47625740	255.358	300	ug/ml
Aliphatic C21-C28	13.655	17.324	59725564	309.834	400	ug/ml
Aliphatic C28-C40	17.325	22.258	58041979	364.323	600	ug/ml
Aliphatic EPH	3.212	22.258	239923497	1350		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	6889743	32.98		ug/ml
1-chlorooctadecane (SURR)	13.385	13.385	4632797	28.75		ug/ml
Aliphatic C9-C28	3.212	17.324	181881518	990.041	1200	ug/ml