

Report of Analysis

Client:	PSEG	Date Collected:	10/10/25
Project:	Hadley Road	Date Received:	10/10/25
Client Sample ID:	HADLEY-ROAD-TP	SDG No.:	Q3327
Lab Sample ID:	Q3327-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000uL
		Prep Date :	10/13/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	29.0		1	1.34	2.27	mg/kg	FE056314.D	10/13/25 20:05	PB170068
Aliphatic C9-C28	Aliphatic C9-C28	3.28	J	1	1.03	4.53	mg/kg	FE056314.D	10/13/25 20:05	PB170068
Total AliphaticEPH	Total AliphaticEPH	32.3			2.37	6.80	mg/kg			
Total EPH	Total EPH	32.3			2.37	6.80	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	3.28	J	1	1.03	4.53	mg/kg	10/13/25	PB170068
Aliphatic C28-C40	Aliphatic C28-C40	29.0		1	1.34	2.27	mg/kg	10/13/25	PB170068
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	35.5			40 - 140	71%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	32.9			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3327-01	Acq On:	13 Oct 2025 20:05
Client Sample ID:	HADLEY-ROAD-TP	Operator:	YP\AJ
Data file:	FE056314.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.939	365067	2.607	300	ug/ml
Aliphatic C12-C16	6.940	10.389	1114728	7.268	200	ug/ml
Aliphatic C16-C21	10.390	13.768	1803529	10.873	300	ug/ml
Aliphatic C21-C28	13.769	17.439	3357440	22.605	400	ug/ml
Aliphatic C28-C40	17.440	22.444	52290237	383.776	600	ug/ml
Aliphatic EPH	3.303	22.444	58931001	427.129		ug/ml
ortho-Terphenyl (SURR)	12.065	12.065	6180234	32.93		ug/ml
1-chlorooctadecane (SURR)	13.502	13.502	4948120	35.45		ug/ml
Aliphatic C9-C28	3.303	17.439	6640764	43.353	1200	ug/ml