

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	PB170145BL	SDG No.:	Q3366
Lab Sample ID:	PB170145BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Test:	EPH_NF
Prep Method :			
	Final Vol: 2000 uL		
	Prep Date : 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE056362.D	10/17/25 14:10	PB170145
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE056362.D	10/17/25 14:10	PB170145
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		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

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E = Value Exceeds Calibration Range

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE056362.D	10/17/25 14:10	PB170145
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg			

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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg			

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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg			

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Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
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Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE056362.D	10/17/25 14:10	PB170145
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg			

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Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	10/17/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1	0.91	3.99	mg/kg	10/17/25	PB170145
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	10/17/25	PB170145
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	49.0			40 - 140	98%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	50.7			40 - 140	101%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170145BL	Acq On:	17 Oct 2025 14:10
Client Sample ID:	PB170145BL	Operator:	YP\AJ
Data file:	FE056362.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	3.299	6.925	0	0	300	ug/ml
Aliphatic C12-C16	6.926	10.376	0	0	200	ug/ml
Aliphatic C16-C21	10.377	13.754	0	0	300	ug/ml
Aliphatic C21-C28	13.755	17.425	0	0	400	ug/ml
Aliphatic C28-C40	17.426	22.424	0	0	600	ug/ml
Aliphatic EPH	3.299	22.424	0	0		ug/ml
ortho-Terphenyl (SURR)	12.058	12.058	10352164	50.67		ug/ml
1-chlorooctadecane (SURR)	13.495	13.495	7484779	49.05		ug/ml
Aliphatic C9-C28	3.299	17.425	0	0	1200	ug/ml