

Report of Analysis

Client:	PSEG	Date Collected:	11/20/25
Project:	Trenton Gas and Appliance Service (TR)	Date Received:	11/20/25
Client Sample ID:	TR-04-112025	SDG No.:	Q3699
Lab Sample ID:	Q3699-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.2
Sample Wt/Vol:	30.05 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	20.6		1	1.29	2.19	mg/kg	FE056986.D	11/21/25 17:33	PB170681
Aliphatic C9-C28	Aliphatic C9-C28	4.39		1	1.00	4.37	mg/kg	FE056986.D	11/21/25 17:33	PB170681
Total AliphaticEPH	Total AliphaticEPH	25.0			2.29	6.56	mg/kg			
Total EPH	Total EPH	25.0			2.29	6.56	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

Report of Analysis

Client:	PSEG	Date Collected:	11/20/25
Project:	Trenton Gas and Appliance Service (TR)	Date Received:	11/20/25
Client Sample ID:	TR-04-112025	SDG No.:	Q3699
Lab Sample ID:	Q3699-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.2
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/21/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.39	1		1.00	4.37	mg/kg	11/21/25	PB170681
Aliphatic C28-C40	Aliphatic C28-C40	20.6	1		1.29	2.19	mg/kg	11/21/25	PB170681
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.4			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.1			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3699-01	Acq On:	21 Nov 2025 17:33
Client Sample ID:	TR-04-112025	Operator:	YP\AJ
Data file:	FE056986.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.206	6.830	820734	4.795	300	ug/ml
Aliphatic C12-C16	6.831	10.275	1481162	8.286	200	ug/ml
Aliphatic C16-C21	10.276	13.648	6553396	35.138	300	ug/ml
Aliphatic C21-C28	13.649	17.317	2317669	12.023	400	ug/ml
Aliphatic C28-C40	17.318	22.248	44863777	281.605	600	ug/ml
Aliphatic EPH	3.206	22.248	56036738	341.847		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	6920165	33.12		ug/ml
1-chlorooctadecane (SURR)	13.381	13.381	4412736	27.39		ug/ml
Aliphatic C9-C28	3.206	17.317	11172961	60.242	1200	ug/ml