

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	TR-01-101625-E2MS	SDG No.:	Q3366
Lab Sample ID:	Q3366-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.07 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

Total AliphaticEPH	Total AliphaticEPH	47.3			2.19	6.30	mg/kg			
Total EPH	Total EPH	47.3			2.19	6.30	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:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	TR-01-101625-E2MS	SDG No.:	Q3366
Lab Sample ID:	Q3366-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.07 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

Total AliphaticEPH	Total AliphaticEPH	47.3			2.19	6.30	mg/kg			
Total EPH	Total EPH	47.3			2.19	6.30	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:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	TR-01-101625-E2MS	SDG No.:	Q3366
Lab Sample ID:	Q3366-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.07 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

Total AliphaticEPH	Total AliphaticEPH	47.3			2.19	6.30	mg/kg			
Total EPH	Total EPH	47.3			2.19	6.30	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:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	TR-01-101625-E2MS	SDG No.:	Q3366
Lab Sample ID:	Q3366-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.07 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

Total AliphaticEPH	Total AliphaticEPH	47.3			2.19	6.30	mg/kg			
Total EPH	Total EPH	47.3			2.19	6.30	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:	
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	TR-01-101625-E2MS	SDG No.:	Q3366
Lab Sample ID:	Q3366-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.07 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	25.8	1		0.95	4.20	mg/kg	10/17/25	PB170145
Aliphatic C28-C40	Aliphatic C28-C40	21.5	1		1.24	2.10	mg/kg	10/17/25	PB170145
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	41.9			40 - 140	84%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.3			40 - 140	79%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3366-04MS	Acq On:	17 Oct 2025 19:09
Client Sample ID:	Q3366-04MS	Operator:	YP\AJ
Data file:	FE056370.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	3.299	6.925	8635882	52.314	300	ug/ml
Aliphatic C12-C16	6.926	10.376	16761241	98.28	200	ug/ml
Aliphatic C16-C21	10.377	13.754	17842253	99.879	300	ug/ml
Aliphatic C21-C28	13.755	17.425	21153904	118.119	400	ug/ml
Aliphatic C28-C40	17.426	22.424	42760207	308.064	600	ug/ml
Aliphatic EPH	3.299	22.424	107153487	676.657		ug/ml
ortho-Terphenyl (SURR)	12.056	12.056	8026046	39.29		ug/ml
1-chlorooctadecane (SURR)	13.492	13.492	6397878	41.93		ug/ml
Aliphatic C9-C28	3.299	17.425	64393280	368.592	1200	ug/ml