

Report of Analysis

Client:	PSEG	Date Collected:	11/21/25
Project:	Jersey City Gas and Appliance Service (JC)	Date Received:	11/21/25
Client Sample ID:	JC-03-11212025-E2	SDG No.:	Q3712
Lab Sample ID:	Q3712-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89
Sample Wt/Vol:	30.06 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/24/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	12.8		1	1.32	2.24	mg/kg	FE057014.D	11/24/25 22:45	PB170707
Aliphatic C9-C28	Aliphatic C9-C28	1.55	J	1	1.02	4.49	mg/kg	FE057014.D	11/24/25 22:45	PB170707
Total AliphaticEPH	Total AliphaticEPH	14.4			2.34	6.73	mg/kg			
Total EPH	Total EPH	14.4			2.34	6.73	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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.55	J	1	1.02	4.49	mg/kg	11/24/25	PB170707
Aliphatic C28-C40	Aliphatic C28-C40	12.8		1	1.32	2.24	mg/kg	11/24/25	PB170707
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.7			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.4			40 - 140	55%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3712-02	Acq On:	24 Nov 2025 22:45
Client Sample ID:	JC-03-11212025-E2	Operator:	YP\AJ
Data file:	FE057014.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.204	6.829	413584	2.416	300	ug/ml
Aliphatic C12-C16	6.830	10.275	941371	5.266	200	ug/ml
Aliphatic C16-C21	10.276	13.649	925025	4.96	300	ug/ml
Aliphatic C21-C28	13.650	17.319	1567972	8.134	400	ug/ml
Aliphatic C28-C40	17.320	22.252	27286664	171.275	600	ug/ml
Aliphatic EPH	3.204	22.252	31134616	192.052		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5724749	27.4		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3662525	22.73		ug/ml
Aliphatic C9-C28	3.204	17.319	3847952	20.776	1200	ug/ml