

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	PB170068BSD	SDG No.:	Q3322
Lab Sample ID:	PB170068BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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	31.3		1	1.18	2.00	mg/kg	FE056304.D	10/13/25 15:01	PB170068
Aliphatic C9-C28	Aliphatic C9-C28	92.2	E	1	0.91	3.99	mg/kg	FE056304.D	10/13/25 15:01	PB170068
Total AliphaticEPH	Total AliphaticEPH	124			2.09	5.99	mg/kg			
Total EPH	Total EPH	124			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

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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Lab Sample ID:	PB170068BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056304.D	1	10/13/25	10/13/25	PB170068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	92.2	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170068BSD	Acq On:	13 Oct 2025 15:01
Client Sample ID:	PB170068BSD	Operator:	YP\AJ
Data file:	FE056304.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.939	32759499	233.95	300	ug/ml
Aliphatic C12-C16	6.940	10.389	50859703	331.6	200	ug/ml
Aliphatic C16-C21	10.390	13.768	57272856	345.267	300	ug/ml
Aliphatic C21-C28	13.769	17.439	70164723	472.403	400	ug/ml
Aliphatic C28-C40	17.440	22.444	63923305	469.155	600	ug/ml
Aliphatic EPH	3.303	22.444	274980086	1850		ug/ml
ortho-Terphenyl (SURR)	12.067	12.067	7113789	37.91		ug/ml
1-chlorooctadecane (SURR)	13.503	13.503	5524076	39.58		ug/ml
Aliphatic C9-C28	3.303	17.439	211056781	1380	1200	ug/ml