

Report of Analysis

Client:	PSEG	Date Collected:	10/15/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	10/15/25
Client Sample ID:	EO-03-101525	SDG No.:	Q3355
Lab Sample ID:	Q3355-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/16/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	25.6		1	1.28	2.17	mg/kg	FG016788.D	10/16/25 16:27	PB170121
Aliphatic C9-C28	Aliphatic C9-C28	37.3		1	0.99	4.35	mg/kg	FG016788.D	10/16/25 16:27	PB170121
Total AliphaticEPH	Total AliphaticEPH	62.9			2.27	6.52	mg/kg			
Total EPH	Total EPH	62.9			2.27	6.52	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:	10/15/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	10/15/25
Client Sample ID:	EO-03-101525	SDG No.:	Q3355
Lab Sample ID:	Q3355-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
	Prep Date	10/16/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	37.3	1		0.99	4.35	mg/kg	10/16/25	PB170121
Aliphatic C28-C40	Aliphatic C28-C40	25.6	1		1.28	2.17	mg/kg	10/16/25	PB170121
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	45.3			40 - 140	91%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.2			40 - 140	48%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3355-01	Acq On:	16 Oct 2025 16:27
Client Sample ID:	EO-03-101525	Operator:	YP\AJ
Data file:	FG016788.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.273	6.915	4286947	33.979	300	ug/ml
Aliphatic C12-C16	6.916	10.373	23349719	179.925	200	ug/ml
Aliphatic C16-C21	10.374	13.764	35743638	254.864	300	ug/ml
Aliphatic C21-C28	13.765	17.450	6962404	47.493	400	ug/ml
Aliphatic C28-C40	17.451	22.484	40842921	353.766	600	ug/ml
Aliphatic EPH	3.273	22.484	111185629	870.026		ug/ml
ortho-Terphenyl (SURR)	12.050	12.050	3786074	24.24		ug/ml
1-chlorooctadecane (SURR)	13.496	13.496	5538825	45.29		ug/ml
Aliphatic C9-C28	3.273	17.450	70342708	516.261	1200	ug/ml