

Report of Analysis

Client:	PSEG	Date Collected:	10/31/25
Project:	Harding Gas and Appliance Service (HD)	Date Received:	10/31/25
Client Sample ID:	HD-01-103125-E2	SDG No.:	Q3516
Lab Sample ID:	Q3516-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	69.4		5	6.93	11.7	mg/kg	FE056657.D	11/04/25 8:49	PB170373
Aliphatic C9-C28	Aliphatic C9-C28	18.7		1	1.07	4.69	mg/kg	FE056645.D	11/03/25 19:58	PB170373
Total AliphaticEPH	Total AliphaticEPH	88.1			8.00	16.4	mg/kg			
Total EPH	Total EPH	88.1			8.00	16.4	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:	10/31/25
Project:	Harding Gas and Appliance Service (HD)	Date Received:	10/31/25
Client Sample ID:	HD-01-103125-E2	SDG No.:	Q3516
Lab Sample ID:	Q3516-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/03/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	18.7	1		1.07	4.69	mg/kg	11/03/25	PB170373
Aliphatic C28-C40	Aliphatic C28-C40	70.0	E 1		1.39	2.35	mg/kg	11/03/25	PB170373
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.7			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.3			40 - 140	45%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3516-02	Acq On:	03 Nov 2025 19:58
Client Sample ID:	HD-01-103125-E2	Operator:	YP\AJ
Data file:	FE056645.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	3.222	6.847	11039082	64.495	300	ug/ml
Aliphatic C12-C16	6.848	10.294	10242756	57.301	200	ug/ml
Aliphatic C16-C21	10.295	13.669	11793939	63.236	300	ug/ml
Aliphatic C21-C28	13.670	17.339	10302996	53.448	400	ug/ml
Aliphatic C28-C40	17.340	22.280	142522757	894.599	600	ug/ml
Aliphatic EPH	3.222	22.280	185901530	1130		ug/ml
ortho-Terphenyl (SURR)	11.971	11.971	4667988	22.34		ug/ml
1-chlorooctadecane (SURR)	13.411	13.411	3825141	23.74		ug/ml
Aliphatic C9-C28	3.222	17.339	43378773	238.48	1200	ug/ml