284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Harding Gas and Appliance Service (HD)	Date Received:	
Client Sample ID:	HD-01-11-26-2025MS	SDG No.:	Q3732
Lab Sample ID:	Q3732-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.05 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :		Prep Date : 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Total AliphaticEPH	Total AliphaticEPH	116			2.40	6.90	mg/kg			
Total EPH	Total EPH	116			2.40	6.90	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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Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Harding Gas and Appliance Service (HD)	Date Received:	
Client Sample ID:	HD-01-11-26-2025MS	SDG No.:	Q3732
Lab Sample ID:	Q3732-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.05 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :		Prep Date : 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	40.0		1	1.36	2.30	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	76.0		1	1.04	4.60	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Total AliphaticEPH	Total AliphaticEPH	116			2.40	6.90	mg/kg			
Total EPH	Total EPH	116			2.40	6.90	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
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Report of Analysis

Client:	PSEG			Date Collected:	
Project:	Harding Gas and Appliance Service (HD)			Date Received:	
Client Sample ID:	HD-01-11-26-2025MS			SDG No.:	Q3732
Lab Sample ID:	Q3732-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.9
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	76.0		1	1.04	4.60	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	40.0		1	1.36	2.30	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.1			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.0			40 - 140	56%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3732-01MS	Acq On:	01 Dec 2025 20:39
Client Sample ID:	Q3732-01MS	Operator:	YP\AJ
Data file:	FE057108.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	27704251	138.069	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45802662	225.432	200	ug/ml
Aliphatic C16-C21	10.271	13.644	54967390	277.171	300	ug/ml
Aliphatic C21-C28	13.645	17.313	69762308	351.011	400	ug/ml
Aliphatic C28-C40	17.314	22.242	104391119	522.217	600	ug/ml
Aliphatic EPH	3.201	22.242	302627730	1510		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	6143608	28		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4173903	25.08		ug/ml
Aliphatic C9-C28	3.201	17.313	198236611	991.683	1200	ug/ml