

Report of Analysis

Client:	PSEG	Date Collected:	10/31/25
Project:	Summit Gas and Appliance Service (SU)	Date Received:	10/31/25
Client Sample ID:	SU-04-103125	SDG No.:	Q3515
Lab Sample ID:	Q3515-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.5
Sample Wt/Vol:	30.06 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	40.1		1	1.39	2.36	mg/kg	FE056639.D	11/03/25 16:57	PB170373
Aliphatic C9-C28	Aliphatic C9-C28	60.1		1	1.07	4.72	mg/kg	FE056639.D	11/03/25 16:57	PB170373
Total AliphaticEPH	Total AliphaticEPH	100			2.46	7.08	mg/kg			
Total EPH	Total EPH	100			2.46	7.08	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:	Summit Gas and Appliance Service (SU)	Date Received:	10/31/25
Client Sample ID:	SU-04-103125	SDG No.:	Q3515
Lab Sample ID:	Q3515-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.5
Sample Wt/Vol:	30.06 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	60.1	1		1.07	4.72	mg/kg	11/03/25	PB170373
Aliphatic C28-C40	Aliphatic C28-C40	40.1	1		1.39	2.36	mg/kg	11/03/25	PB170373
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.3			40 - 140	53%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.4			40 - 140	51%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3515-01	Acq On:	03 Nov 2025 16:57
Client Sample ID:	SU-04-103125	Operator:	YP\AJ
Data file:	FE056639.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.222	6.847	13672864	79.882	300	ug/ml
Aliphatic C12-C16	6.848	10.294	58157106	325.347	200	ug/ml
Aliphatic C16-C21	10.295	13.669	49860865	267.343	300	ug/ml
Aliphatic C21-C28	13.670	17.339	17415631	90.346	400	ug/ml
Aliphatic C28-C40	17.340	22.280	81062575	508.821	600	ug/ml
Aliphatic EPH	3.222	22.280	220169041	1270		ug/ml
ortho-Terphenyl (SURR)	11.967	11.967	5296831	25.35		ug/ml
1-chlorooctadecane (SURR)	13.404	13.404	4243975	26.34		ug/ml
Aliphatic C9-C28	3.222	17.339	139106466	762.918	1200	ug/ml