

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Summit Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	SU-04-10062025MS	SDG No.:	Q3296
Lab Sample ID:	Q3296-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 08:35	10/07/25 16:43	PB170001

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	262			2.25	6.48	mg/kg
Total EPH	Total EPH	262			2.25	6.48	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016543.D	1	10/07/25	10/07/25	PB170001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	136	E	0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	126	E	1.27	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.4		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3296-01MS	Acq On:	07 Oct 2025 16:43
Client Sample ID:	Q3296-01MS	Operator:	YP\AJ
Data file:	FF016543.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.853	33010247	276.256	300	ug/ml
Aliphatic C12-C16	6.854	10.299	56706815	456.228	200	ug/ml
Aliphatic C16-C21	10.300	13.673	70308124	539.184	300	ug/ml
Aliphatic C21-C28	13.674	17.347	81833339	612.239	400	ug/ml
Aliphatic C28-C40	17.348	22.312	190358845	1760	600	ug/ml
Aliphatic EPH	3.210	22.312	432217370	3640		ug/ml
ortho-Terphenyl (SURR)	11.973	11.973	4399655	30.42		ug/ml
1-chlorooctadecane (SURR)	13.414	13.414	3876239	34.75		ug/ml
Aliphatic C9-C28	3.210	17.347	241858525	1880	1200	ug/ml