

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Summit Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	SU-04-10062025MSD	SDG No.:	Q3296
Lab Sample ID:	Q3296-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.6
Sample Wt/Vol:	30.08 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 17:13	PB170001

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	268			2.25	6.47	mg/kg
Total EPH	Total EPH	268			2.25	6.47	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016544.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	134	E	0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	134	E	1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.5		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3296-01MSD	Acq On:	07 Oct 2025 17:13
Client Sample ID:	Q3296-01MSD	Operator:	YP\AJ
Data file:	FF016544.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.853	32588987	272.73	300	ug/ml
Aliphatic C12-C16	6.854	10.299	55415313	445.837	200	ug/ml
Aliphatic C16-C21	10.300	13.673	71876612	551.213	300	ug/ml
Aliphatic C21-C28	13.674	17.347	79277113	593.114	400	ug/ml
Aliphatic C28-C40	17.348	22.312	203676699	1880	600	ug/ml
Aliphatic EPH	3.210	22.312	442834724	3740		ug/ml
ortho-Terphenyl (SURR)	11.975	11.975	4266081	29.5		ug/ml
1-chlorooctadecane (SURR)	13.415	13.415	3766529	33.77		ug/ml
Aliphatic C9-C28	3.210	17.347	239158025	1860	1200	ug/ml