

Report of Analysis

Client:	PSEG	Date Collected:	04/11/25
Project:	Summit Gas and Appliance Service MA00006789	Date Received:	04/11/25
Client Sample ID:	SU-03-41125DL	SDG No.:	Q1783
Lab Sample ID:	Q1783-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053368.D	20	04/14/25	04/15/25	PB167574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	386		20.2	88.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	315		26.2	44.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.67		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.98		40 - 140	119%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1783-01DL	Acq On:	15 Apr 2025 13:10
Client Sample ID:	Q1783-01DL	Operator:	YP\AJ
Data file:	FE053368.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.780	7366562	47.212	300	ug/ml
Aliphatic C12-C16	6.781	10.233	17111576	111.381	200	ug/ml
Aliphatic C16-C21	10.234	13.612	11753210	81.429	300	ug/ml
Aliphatic C21-C28	13.613	17.286	2787542	20.749	400	ug/ml
Aliphatic C28-C40	17.287	22.197	26486889	213.163	600	ug/ml
Aliphatic EPH	3.136	22.197	65505779	473.933		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	485122	2.98		ug/ml
1-chlorooctadecane (SURR)	13.339	13.339	320484	2.67		ug/ml
Aliphatic C9-C28	3.136	17.286	39018890	260.771	1200	ug/ml