

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-03-41125-E2DL	SDG No.:	Q1783
Lab Sample ID:	Q1783-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.8
Sample Wt/Vol:	30.05 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
FE053367.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	876		20.3	88.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	424		26.2	44.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.03		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.04		40 - 140	122%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1783-02DL	Acq On:	15 Apr 2025 12:40
Client Sample ID:	Q1783-02DL	Operator:	YP\AJ
Data file:	FE053367.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.780	11131022	71.338	300	ug/ml
Aliphatic C12-C16	6.781	10.233	41188329	268.098	200	ug/ml
Aliphatic C16-C21	10.234	13.612	31624240	219.1	300	ug/ml
Aliphatic C21-C28	13.613	17.286	4514404	33.602	400	ug/ml
Aliphatic C28-C40	17.287	22.197	35562421	286.201	600	ug/ml
Aliphatic EPH	3.136	22.197	124020416	878.34		ug/ml
ortho-Terphenyl (SURR)	11.892	11.892	495709	3.04		ug/ml
1-chlorooctadecane (SURR)	13.339	13.339	363404	3.03		ug/ml
Aliphatic C9-C28	3.136	17.286	88457995	592.138	1200	ug/ml