

Report of Analysis

Client:	PSEG	Date Collected:	01/30/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	01/30/25
Client Sample ID:	EO-02-01302025DL	SDG No.:	Q1244
Lab Sample ID:	Q1244-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.9
Sample Wt/Vol:	30.03 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
FF015431.D	5	01/31/25	02/03/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	144		9.16	21.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.6		9.58	10.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.98		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.47		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1244-01DL	Acq On:	03 Feb 2025 11:28
Client Sample ID:	Q1244-01DL	Operator:	YP\AJ
Data file:	FF015431.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.835	14249531	106.904	300	ug/ml
Aliphatic C12-C16	6.836	10.270	36171526	261.349	200	ug/ml
Aliphatic C16-C21	10.271	13.640	4163585	28.822	300	ug/ml
Aliphatic C21-C28	13.641	17.307	1198175	8.413	400	ug/ml
Aliphatic C28-C40	17.308	22.219	12279744	117.3	600	ug/ml
Aliphatic EPH	3.213	22.219	68062561	522.788		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	869490	5.47		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	620733	4.98		ug/ml
Aliphatic C9-C28	3.213	17.307	55782817	405.488	1200	ug/ml