

Report of Analysis

Client:	PSEG	Date Collected:	06/12/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	06/12/25
Client Sample ID:	EO-02-06122025DL	SDG No.:	Q2308
Lab Sample ID:	Q2308-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.4
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
FC069213.D	10	06/13/25	06/13/25	PB168463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	50.6		10.1	44.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	137		13.0	22.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.25		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.83		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2308-01DL	Acq On:	13 Jun 2025 17:18
Client Sample ID:	Q2308-01DL	Operator:	YP/AJ
Data file:	FC069213.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.605	1217609	11.518	300	ug/ml
Aliphatic C12-C16	6.606	10.008	2195751	21.53	200	ug/ml
Aliphatic C16-C21	10.009	13.378	1486405	15.188	300	ug/ml
Aliphatic C21-C28	13.379	17.045	1909560	20.357	400	ug/ml
Aliphatic C28-C40	17.046	22.029	17623634	186.614	600	ug/ml
Aliphatic EPH	3.303	22.029	24432959	255.207		ug/ml
ortho-Terphenyl (SURR)	11.679	11.679	349411	2.83		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	291817	3.25		ug/ml
Aliphatic C9-C28	3.303	17.045	6809325	68.593	1200	ug/ml