

Report of Analysis

Client: PSEG		Date Collected:
Project: PSEG 9th Ave Pole Yard		Date Received:
Client Sample ID: ETGI-354MS		SDG No.: Q3681
Lab Sample ID: Q3681-01MS		Matrix: Solid
Analytical Method: NJEPH		% Solid: 83.3
Sample Wt/Vol: 30.05 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :	Prep Date : 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Total AliphaticEPH	Total AliphaticEPH	96.8		2.50	7.20	mg/kg
Total EPH	Total EPH	96.8		2.50	7.20	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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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	66.7	1		1.09	4.80	mg/kg	11/20/25	PB170649
Aliphatic C28-C40	Aliphatic C28-C40	30.1	1		1.41	2.40	mg/kg	11/20/25	PB170649
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.4			40 - 140	59%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.6			40 - 140	67%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3681-01MS	Acq On:	20 Nov 2025 18:04
Client Sample ID:	Q3681-01MS	Operator:	YP\AJ
Data file:	FE056966.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.212	6.835	20733509	121.133	300	ug/ml
Aliphatic C12-C16	6.836	10.280	36485957	204.112	200	ug/ml
Aliphatic C16-C21	10.281	13.654	44187027	236.921	300	ug/ml
Aliphatic C21-C28	13.655	17.324	52609655	272.92	400	ug/ml
Aliphatic C28-C40	17.325	22.258	59993996	376.576	600	ug/ml
Aliphatic EPH	3.212	22.258	214010144	1210		ug/ml
ortho-Terphenyl (SURR)	11.947	11.947	7013397	33.57		ug/ml
1-chlorooctadecane (SURR)	13.383	13.383	4745054	29.45		ug/ml
Aliphatic C9-C28	3.212	17.324	154016148	835.086	1200	ug/ml