

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Onyx- STL	Date Received:	
Client Sample ID:	PB170258BS	SDG No.:	Q3451
Lab Sample ID:	PB170258BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	16.7		1	1.18	2.00	mg/kg	FC070048.D	10/27/25 14:56	PB170258
Aliphatic C9-C28	Aliphatic C9-C28	58.3		1	0.91	3.99	mg/kg	FC070048.D	10/27/25 14:56	PB170258
Total AliphaticEPH	Total AliphaticEPH	75.0			2.09	5.99	mg/kg			
Total EPH	Total EPH	75.0			2.09	5.99	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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	58.3	1		0.91	3.99	mg/kg	10/27/25	PB170258
Aliphatic C28-C40	Aliphatic C28-C40	16.7	1		1.18	2.00	mg/kg	10/27/25	PB170258
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	40.3			40 - 140	81%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	38.3			40 - 140	77%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170258BS	Acq On:	27 Oct 2025 14:56
Client Sample ID:	PB170258BS	Operator:	YP/AJ
Data file:	FC070048.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.280	6.575	22129289	152.842	300	ug/ml
Aliphatic C12-C16	6.576	9.977	32189951	196.541	200	ug/ml
Aliphatic C16-C21	9.978	13.344	38189744	235.818	300	ug/ml
Aliphatic C21-C28	13.345	17.008	42676724	290.037	400	ug/ml
Aliphatic C28-C40	17.009	21.965	27035447	251.259	600	ug/ml
Aliphatic EPH	3.280	21.965	162221155	1130		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	6730802	38.33		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	5472306	40.31		ug/ml
Aliphatic C9-C28	3.280	17.008	135185708	875.238	1200	ug/ml