

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Moorestown HQ	Date Received:	
Client Sample ID:	PB169970BSD	SDG No.:	Q3262
Lab Sample ID:	PB169970BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 09:40	10/03/25 15:15	PB169970

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	34.0		1	1.18	2.00	mg/kg	FE056166.D
Aliphatic C9-C28	Aliphatic C9-C28	95.3	E	1	0.91	4.00	mg/kg	FE056166.D

* 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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Project:	Moorestown HQ	Date Received:	
Client Sample ID:	PB169970BSD	SDG No.:	Q3262
Lab Sample ID:	PB169970BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056166.D	1	10/03/25	10/03/25	PB169970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	95.3	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.2		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169970BSD	Acq On:	03 Oct 2025 15:15
Client Sample ID:	PB169970BSD	Operator:	YP\AJ
Data file:	FE056166.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.944	31734901	226.633	300	ug/ml
Aliphatic C12-C16	6.945	10.393	50722265	330.704	200	ug/ml
Aliphatic C16-C21	10.394	13.770	61064273	368.124	300	ug/ml
Aliphatic C21-C28	13.771	17.439	74997158	504.939	400	ug/ml
Aliphatic C28-C40	17.440	22.443	69566785	510.575	600	ug/ml
Aliphatic EPH	3.311	22.443	288085382	1940		ug/ml
ortho-Terphenyl (SURR)	12.072	12.072	8478477	45.18		ug/ml
1-chlorooctadecane (SURR)	13.507	13.507	6724146	48.18		ug/ml
Aliphatic C9-C28	3.311	17.439	218518597	1430	1200	ug/ml