

Report of Analysis

Client:	Date Collected:
Project:	Date Received:
Client Sample ID:	SDG No.:
Lab Sample ID:	Matrix:
Analytical Method: NJEPH	
Sample Wt/Vol: Units:	Final Vol:
Soil Aliquot Vol: uL	Test:
Prep Method :	

Prep Date :

Date Analyzed :

Prep Batch ID

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL
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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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Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG 14th-Harts Tice LN UG	Date Received:	
Client Sample ID:	PB168949BL	SDG No.:	Q2649
Lab Sample ID:	PB168949BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/22/25 08:00	07/22/25 14:42	PB168949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg
Total EPH	Total EPH	2.09	U		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.

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Report of Analysis

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Project:	PSEG 14th-Harts Tice LN UG	Date Received:	
Client Sample ID:	PB168949BL	SDG No.:	Q2649
Lab Sample ID:	PB168949BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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
FC069490.D	1	07/22/25	07/22/25	PB168949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.3		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168949BL	Acq On:	22 Jul 2025 14:42
Client Sample ID:	PB168949BL	Operator:	YP/AJ
Data file:	FC069490.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.302	6.597	0	0	300	ug/ml
Aliphatic C12-C16	6.598	10.000	0	0	200	ug/ml
Aliphatic C16-C21	10.001	13.368	0	0	300	ug/ml
Aliphatic C21-C28	13.369	17.033	0	0	400	ug/ml
Aliphatic C28-C40	17.034	22.008	0	0	600	ug/ml
Aliphatic EPH	3.302	22.008	0	0		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4495058	30.29		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3367929	29.8		ug/ml
Aliphatic C9-C28	3.302	17.033	0	0	1200	ug/ml