

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3D	SDG No.:	Q3742
Lab Sample ID:	Q3742-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.04 g	Test:	EPH_F2
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/04/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	1.60	J	1	1.29	5.67	mg/kg	FE057181.D	12/05/25 1:42	PB170826
Total EPH	Total EPH	1.60	J		1.29	5.67	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.60	J	1	1.29	5.67	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1	1.67	2.83	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	18.6			40 - 140	37%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.9			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-14	Acq On:	05 Dec 2025 01:42
Client Sample ID:	SB-1125-3D	Operator:	YP\AJ
Data file:	FE057181.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	238698	1.19	300	ug/ml
Aliphatic C12-C16	6.820	10.265	580886	2.859	200	ug/ml
Aliphatic C16-C21	10.266	13.639	1147571	5.787	300	ug/ml
Aliphatic C21-C28	13.640	17.309	1656363	8.334	400	ug/ml
Aliphatic C28-C40	17.310	22.235	39568997	197.944	600	ug/ml
Aliphatic EPH	3.194	22.235	43192515	216.113		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	5033568	22.94		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	3103413	18.65		ug/ml
Aliphatic C9-C28	3.194	17.309	3623518	18.17	1200	ug/ml