

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170789BSD	SDG No.:	Q3742
Lab Sample ID:	PB170789BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/02/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1	1.18	2.00	mg/kg	FE057125.D	12/02/25 16:26	PB170789
Aliphatic C9-C28	Aliphatic C9-C28	79.6		1	0.91	3.99	mg/kg	FE057125.D	12/02/25 16:26	PB170789
Total AliphaticEPH	Total AliphaticEPH	107			2.09	5.99	mg/kg			
Total EPH	Total EPH	107			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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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	79.6	1		0.91	3.99	mg/kg	12/02/25	PB170789
Aliphatic C28-C40	Aliphatic C28-C40	26.9	1		1.18	2.00	mg/kg	12/02/25	PB170789
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.3			40 - 140	63%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	34.9			40 - 140	70%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170789BSD	Acq On:	02 Dec 2025 16:26
Client Sample ID:	PB170789BSD	Operator:	YP\AJ
Data file:	FE057125.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.199	6.825	43692163	217.747	300	ug/ml
Aliphatic C12-C16	6.826	10.272	55417401	272.754	200	ug/ml
Aliphatic C16-C21	10.273	13.646	61555537	310.392	300	ug/ml
Aliphatic C21-C28	13.647	17.317	78334872	394.144	400	ug/ml
Aliphatic C28-C40	17.318	22.251	80788439	404.144	600	ug/ml
Aliphatic EPH	3.199	22.251	319788412	1600		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	7657872	34.9		ug/ml
1-chlorooctadecane (SURR)	13.382	13.382	5212688	31.32		ug/ml
Aliphatic C9-C28	3.199	17.317	238999973	1200	1200	ug/ml