

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170577BS		SDG No.:	Q3586
Lab Sample ID:	PB170577BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/17/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	5.57	1		0.14	1.00	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04	1		0.11	0.67	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70	1		0.13	1.00	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0	1		0.53	1.33	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5	1		1.18	2.00	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.6			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170577BS	Acq On:	17 Nov 2025 17:03
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FG016927.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	10197699	83.585	300	ug/ml
Aliphatic C12-C16	6.902	10.358	9288354	75.607	200	ug/ml
Aliphatic C16-C21	10.359	13.749	17291968	130.608	300	ug/ml
Aliphatic C21-C28	13.750	17.436	23062370	165.875	400	ug/ml
Aliphatic C28-C40	17.437	22.460	28152650	247.399	600	ug/ml
Aliphatic EPH	3.260	22.460	87993041	703.074		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	2963779	24.61		ug/ml
Aliphatic C9-C28	3.260	17.436	59840391	455.675	1200	ug/ml