

Table 2 Larvicidal activity of *Lantana camara* leaf extract and fractions against 4th instar larvae of *Aedes aegypti* after 24 h of exposure

Extract and Fractions	Conc. (g/L)	% mortality (Mean $\pm$ SD)	LC ₅₀ (LCL-UCL) (g/L)	LC ₉₅ (LCL-UCL) (g/L)	χ^2
Methanol crude extract	0	0 $\pm$ 0 ^a			0.6
	0.25	12 $\pm$ 4 ^b	0.96	1.33	
	0.5	20 $\pm$ 4 ^c	(-)	(-)	
	1	64 $\pm$ 4 ^d			
	2	100 $\pm$ 0 ^e			
	DDVP	100 $\pm$ 0 ^e			
	F value	419.66***			
Hexane fraction	0	0 $\pm$ 0 ^a			0.89
	0.25	13.33 $\pm$ 2.3 ^b	0.72	1.59	
	0.5	36 $\pm$ 4 ^c	(0.42-0.92)	(1.21-3.32)	
	1	73.33 $\pm$ 4.61 ^d			
	2	100 $\pm$ 0 ^e			
	DDVP	100 $\pm$ 0 ^e			
	F value	417.79***			
Chloroform fraction	0	0 $\pm$ 0 ^a			1.23
	0.25	0 $\pm$ 0 ^a	2.2	7.05	
	0.5	0 $\pm$ 0 ^a	(1.35-4.48)	(3.73-56.05)	
	1	18.67 $\pm$ 4.61 ^b			
	2	41.33 $\pm$ 10.06 ^c			
	DDVP	100 $\pm$ 0 ^d			
	F value	37.72***			
Ethyl acetate fraction	0	0 $\pm$ 0 ^a			0.01
	0.25	10.66 $\pm$ 1.15 ^b	0.62	1.13	
	0.5	32 $\pm$ 8 ^c	(0.48-0.74)	(0.91-1.97)	
	1	90.67 $\pm$ 2.3 ^d			
	2	100 $\pm$ 0 ^e			
	DDVP	100 $\pm$ 0 ^e			
	F value	270.9***			
Methanol fraction	0	0 $\pm$ 0 ^a			0.08
	0.25	0 $\pm$ 0 ^a	3.36	10.02	
	0.5	0 $\pm$ 0 ^a	(-)	(-)	
	1	4 $\pm$ 4 ^a			
	2	21.33 $\pm$ 2.30 ^b			
	DDVP	100 $\pm$ 0 ^c			
	F value	58.25***			

Means within a product followed by the same letter do not differ significantly at P= 0.05 (Duncan's test); ***: p<0.001; LC₅₀ and LC₉₅: Lethal Concentrations able to kill 50% and 95% of larvae, respectively; LCL: Lower Confidence Limit; UCL: Upper Confidence Limit; (-): no Confidence Limit estimated; χ^2 : Chi-squared; Number of replicates: 4.