

Table 3 Larvicidal activity of *Ocimum gratissimum* leaf extract and fractions against 4<sup>th</sup> instar larvae of *Aedes aegypti* after 24 h of exposure

Extract and Fractions	Conc. (g/L)	% mortality (Mean ± SD)	LC <sub>50</sub> (LCL-UCL) (g/L)	LC <sub>95</sub> (LCL-UCL) (g/L)	$\chi^2$
Methanol crude extract	0	0±0 <sup>a</sup>			
	0.25	11±2.64 <sup>b</sup>	0.6	1.03	
	0.5	36±0 <sup>c</sup>	(0.46-0.72)	(0.83-1.68)	0.02
	1	94.66±2.3 <sup>d</sup>			
	2	100±0 <sup>e</sup>			
	DDVP	100±0 <sup>e</sup>			
	F value	1000.874***			
Hexane fraction	0	0±0 <sup>a</sup>			
	0.25	66.33±5.68 <sup>b</sup>	0.37	0.61	
	0.5	84±6.92 <sup>c</sup>	(-)	(-)	0.14
	1	100±0 <sup>d</sup>			
	2	100±0 <sup>d</sup>			
	DDVP	100±0 <sup>d</sup>			
	F value	38.477***			
	0	0±0 <sup>a</sup>			
Chloroform fraction	0.25	0±0 <sup>a</sup>	1.6	2.97	
	0.5	0±0 <sup>a</sup>	(0.95-1.98)	(2.33-7.03)	0.02
	1	5.66±1.52 <sup>b</sup>			
	2	72±4 <sup>c</sup>			
	DDVP	100±0 <sup>d</sup>			
	F value	809.036***			
	0	0±0 <sup>a</sup>			
Ethyl acetate fraction	0.25	0±0 <sup>a</sup>	0.97	2.3	
	0.5	8.66±1.15 <sup>a</sup>	(0.61-1.26)	(1.74-3.98)	0.16
	1	50.66±6.11 <sup>b</sup>			
	2	90.66±8.32 <sup>c</sup>			
	DDVP	100±0 <sup>d</sup>			
	F value	193.988***			
	0	0±0 <sup>a</sup>			
Methanol fraction	0.25	0±0 <sup>a</sup>	3.23	6.12	
	0.5	0±0 <sup>a</sup>	(-)	(-)	0.03
	1	0±0 <sup>a</sup>			
	2	10.66±2.3 <sup>b</sup>			
	DDVP	100±0 <sup>c</sup>			
	F value	64***			

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