

Table 3 Log probit and regression analyses of larvicidal activity of crude fruit peel extract of *Citrus maxima* against different larval instars of *Culex quinquefasciatus*

Instars	Period (h)	LC ₅₀ (%)	LC ₉₀ (%)	Regression equation	R ² - values
1 st	24	0.07	0.16	Y=7.37+6.33X	0.74
	48	0.06	0.15	Y=7.80+5.33X	0.70
	72	0.08	0.11	Y=8.67+3.33X	0.60
2 nd	24	0.10	0.18	Y=5.40+11.33X	0.55
	48	0.10	0.16	Y=6.10+9.67X	0.56
	72	0.09	0.16	Y=6.37+9.00X	0.56
3 rd	24	0.14	0.28	Y=2.27+18.00X	0.78
	48	0.12	0.27	Y=3.67+14.67X	0.77
	72	0.11	0.25	Y=4.43+13.00X	0.80
4 th	24	0.20	0.57	Y=.77+17.67X	0.93
	48	0.18	0.09	Y=1.27+17.33X	0.95
	72	0.15	0.44	Y=2.30+15.67X	0.94

Note: LC= Lethal Concentration, Y= mortality percent, X= Concentration