

Table 3 Log probit analyses and regression analyses of larvicidal activity of aqueous peel extract of *Citrus limetta* against different larval instar forms of *Culex quinquefasciatus*. (Y= percent mortality, X= concentration, LC= Lethal Concentration)

Instars	Period (h)	LC ₅₀ (%)	LC ₉₀ (%)	Regression equations	R ² - values
1 st	24	0.06	0.11	Y=-1.20+16.67X	0.92
	48	0.06	0.10	Y=-1.27+113.33X	0.90
	72	0.05	0.04	Y=-0.93+113.33X	0.90
2 nd	24	0.06	0.09	Y=-1.60+120X	0.96
	48	0.05	0.09	Y=0.50+96.67X	0.93
	72	0.05	0.08	Y=4.33+103.33X	0.94
3 rd	24	0.06	0.11	Y=-2.73+12.00X	0.94
	48	0.06	0.10	Y=-2.47+126.66X	0.91
	72	0.05	0.09	Y=-1.3+116.67X	0.88
4 th	24	0.08	0.12	Y=-6.36667+150.00X	0.92
	48	0.07	0.11	Y=-5.76667+150.00X	0.89
	72	0.07	0.10	Y=-5.77+156.66X	0.90