

Table 4 Log probit and regression analyses of larvicidal activity of different fruit peel solvent extracts of *Citrus maxima* against early 3rd larval instar of *Culex quinquefasciatus*

Solvent extracts	Period (h)	LC ₅₀ (ppm)	LC ₉₀ (ppm)	Regression equations	R ² values
n-hexane	24	204.60	312.53	Y= -0.0047+3.73 X	0.50
	48	197.19	245.02	Y=-4.2667 +0.0053 X	0.50
	72	188.12	236.87	Y=-5.067 X +0.0063	0.50
Ethyl acetate	24	640.95	946.28	Y= -3.3667+0.0128 X	0.94
	48	446.97	790.24	Y=-0.7667+0.115X	0.89
	72	369.99	676.07	Y=0.3667+0.0108X	0.85
Methanol	24	336.36	599.44	Y=1.0667+0.0103X	0.82
	48	312.47	561.65	Y=1.7333+0.0097X	0.76
	72	265.31	441.50	Y=3.1333+3.1333X	0.63

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