Table 4 Log probit analyses and regression analyses of larvicidal activity of different solvent crude peel extracts of *Citrus limetta* against 3rd larval instar of *Culex quinquefasciatus* (Y= mortality percent, X= Concentration, LC= Lethal Concentration)

Solvent extracts	Period (h)	LC_{50} (ppm)	LC_{90} (ppm)	Regression equation	R^2 values
n-hexane	24	661.27	1326.23	Y= -1.83+0.01 X	0.96
	48	501.34	991.83	Y=-1.40 +0.02 X	0.98
	72	314.90	853.59	Y=2.10 +0.01 X	0.95
Ethyl acetate	24	1268.67	2391.15	Y=-1.17 +0.01 X	0.81
	48	818.36	2274.39	Y= -0.97+0.01 X	0.85
	72	655.17	4822.16	Y=-0.77+0.01X	0.80
Methanol	24	939.43	2429.43	Y=-1.07+0.01X	0.95
	48	818.36	2274.39	Y=-0.67+0.01X	0.90
	72	655.17	4822.16	Y=1.57+0.01X	0.88