

Table 4 Probit analyses and regression analyses of mortality rates of larvae of *Cx. quinquefasciatus* in ethyl acetate extract of leaf of *C. patulus*

Larval Instars	Period of Exposure	LC <sub>50</sub>	LC <sub>90</sub>	Regression	R <sup>2</sup> - value
1 <sup>st</sup>	24	74.38	486.20	0.05x+9.20	0.995
	48	52.92	283.79	0.05x+11.30	0.985
	72	33.28	122.37	0.04x+15.66	0.945
2 <sup>nd</sup>	24	91.97	854.39	0.05x+7.90	0.998
	48	47.17	355.02	0.04x+11.97	0.993
	72	36.76	163.22	0.04x+15.20	0.997
3 <sup>rd</sup>	24	164.53	1083.79	0.03x+5.63	0.993
	48	89.20	698.11	0.04x+8.47	0.997
	72	52.92	237.87	0.05x+11.40	0.993
4 <sup>th</sup>	24	308.83	1293.05	0.03x+4.60	0.998
	48	134.46	960.14	0.03x+8.73	0.989
	72	101.96	446.08	0.04x+12.56	0.986