

Table 4 Probit analyses and regression analyses of mortality rates of 1st – 4th instars larvae of *Cx. quinquefasciatus* in petroleum ether extract of mature fruit of *T. crispa*

Instar	Hours of exposure	LC ₅₀ (ppm) (LCL-UCL)	LC ₉₀ (ppm)	Regression equation	R ² value
1 st	24	79.58 (54.21–93.04)	252.29	Y= 0.08x +5.87	0.97
	48	64.71 (42.32–77.79)	161.81	Y= 0.09x +8.93	0.94
	72	64.49 (50.54–73.37)	106.97	Y= 0.08x+12.40	0.95
2 nd	24	90.95 (71.96– 102.49)	261.96	Y= 0.10x +3.33	0.97
	48	72.39 (52.46–84.24)	178.10	Y= 0.09x +6.67	0.98
	72	66.29 (51.81– 75.68)	119.50	Y= 0.09x+10.06	0.98
3 rd	24	98.95 (74.74–113.45)	384.31	Y= 0.08x +4.40	0.97
	48	72.24 (42.12 – 87.38)	247.30	Y= 0.08x +7.53	0.97
	72	68.36 (52.97– 78.28)	133.39	Y= 0.10x +8.33	0.98
4 th	24	127.19 (111.39 -155.19)	465.19	Y= 0.09x +1.47	0.97
	48	93.81 (65.11 – 108.69)	387.46	Y= 0.08x +5.20	0.97
	72	69.37 (38.27 – 84.99)	239.18	Y= 0.08x +8.07	0.96

Note: LCL – Lower Confidence level; UCL- Upper Confidence level