

Table 4 Assessment of LC₅₀ and LC₉₀ values of acetone extract of *A. aspera* through log-probit and regression analyses

Larval instars	Period of exposure	LC ₅₀	LC ₉₀	Regression	R ² - value
1 st	24	35.46	111.41	0.19x + 4.6	0.94
	48	28.60	66.52	0.21x + 5.9	0.91
	72	24.44	55.92	0.18 x + 9.37	0.89
2 nd	24	40.72	147.89	0.18x + 3.97	0.93
	48	35.10	87.18	0.23 x + 2.73	0.96
	72	24.69	67.48	0.18 x + 8.57	0.94
3 rd	24	47.30	176.51	0.18x + 2.77	0.96
	48	39.28	115.14	0.21x + 2.7	0.99
	72	32.15	93.72	0.20x + 5.13	0.99
4 th	24	63.39	213.34	0.17x + 0.83	0.92
	48	56.74	198.73	0.18x + 1.3	0.95
	72	50.35	187.06	0.17x + 2.53	0.94

Note: x = concentration (in ppm) of solvent extracts