

Table 3 Assessment of LC₅₀ and LC₉₀ values of ethyl acetate extract of *R. madagascariensis* through log-probit and regression analyses

Larval Instars	Period of Exposure	LC ₅₀	LC ₉₀	Regression	R ² - value
1 st	24	44.65	466.43	0.04 x + 11.93	0.96
	48	23.49	315.52	0.03 x + 15.56	0.99
	72	25.41	90.98	0.03x + 19.13	0.90
2 nd	24	69.12	1230.15	0.04x + 10.36	0.99
	48	40.95	593.06	0.03x + 12.93	0.99
	72	32.96	175.13	0.04 x + 14.89	0.96
3 rd	24	119.23	1096.75	0.05x + 5.77	0.95
	48	77.67	566.48	0.05x + 8.97	0.96
	72	39.07	241.46	0.04x + 13.86	0.97
4 th	24	133.08	1056.58	0.05x + 5.20	0.96
	48	97.92	1026.96	0.04x + 8.50	0.96
	72	38.46	457.29	0.03x + 13.63	0.91

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