

Table 4 Assessment of LC<sub>50</sub> and LC<sub>90</sub> values of ethyl acetate extract of *N. nucifera* through log-probit and regression analyses

Larval Instars	Period of Exposure	LC <sub>50</sub>	LC <sub>90</sub>	Regression	R <sup>2</sup> - value
1 <sup>st</sup>	24	54.62	261.56	0.07 x + 9.86	0.96
	48	37.57	179.53	0.05 x + 14.06	0.99
	72	34.09	100.44	0.05 x + 16.73	0.95
2 <sup>nd</sup>	24	73.34	496.21	0.06 x + 8.60	0.99
	48	47.96	382.15	0.05 x + 11.46	0.99
	72	43.74	143.46	0.06 x + 13.13	0.97
3 <sup>rd</sup>	24	105.36	459.26	0.08 x + 3.27	0.95
	48	78.72	301.85	0.07 x + 6.8	0.95
	72	50.27	167.34	0.07 x + 11.86	0.97
4 <sup>th</sup>	24	129.65	972.90	0.06 x + 4.67	0.99
	48	94.98	914.00	0.05 x + 7.87	0.97
	72	79.33	755.30	0.06 x + 8.27	0.96

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