

Table 3 Assessment of LC<sub>50</sub> and LC<sub>90</sub> values of ethyl acetate extract of *C. aromatic* rhizome 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	21.31	145.21	0.11x + 11.53	0.97
	48	12.38	89.75	0.078 x + 15.43	0.99
	72	11.22	33.61	0.066 x + 19.33	0.80
2 <sup>nd</sup>	24	27.65	492.06	0.088 x + 10.36	0.99
	48	18.49	160.25	0.086 x + 12.79	0.99
	72	15.02	54.62	0.108 x + 15.03	0.95
3 <sup>rd</sup>	24	47.69	438.70	0.124 x + 5.785	0.96
	48	31.07	226.59	0.118 x + 8.91	0.96
	72	17.25	78.02	0.115 x + 13.36	0.99
4 <sup>th</sup>	24	38.15	498.01	0.21 x + 5.862	0.99
	48	20.01	331.96	0.17 x + 9.864	0.99
	72	11.65	159.76	0.16 x + 13.06	0.99

Note: x = concentration of ethyl acetate extractives (in ppm)