

Table 2 Log probit analysis and regression analysis of larvicidal activity of different solvent extracts of fruits of *Acaccia auriculiformis* against 3rd instar larvae of *Culex vishnui* group

Solvent extract	Period of exposure	LC ₅₀ (ppm)	LC ₅₀ (ppm) (LCL-UCL)	Regression equation	R value
Petroleum ether	24 h	871.13	682.17-1060.09	Y=0.003x+0.33	0.58
	48 h	771.50	575.57-968.43	Y=0.003x+0.10	0.42
	72 h	680.11	541.69-818.52	Y=0.005x+0.55	0.60
n-Hexane	24 h	1443.93	982.95-1904.89	Y=0.002 + 0.44	0.32
	48 h	553.81	446.85-660.76	Y=0.007x+0.11	0.69
	72 h	497.87	413.62-582.11	Y=0.008x+0.11	0.63
Chl:Methanol	24 h	229.96	153.48-306.71	Y=0.015x+1.56	0.91
	48 h	181.14	119.31-242.96	Y=0.018x+1.67	0.92
	72 h	117.27	34.19-200.34	Y=0.013x+3.44	0.85
Acetone	24 h	807.42	653.29-961.55	Y=0.003x+0.11	0.35
	48 h	770.49	574.57-966.43	Y=0.003x+0.01	0.41
	72 h	660.49	525.96-795.01	Y=0.005x+0.11	0.55
Absolute Alcohol	24 h	683.26	530.22-836.31	Y=0.005x+0.78	0.65
	48 h	462.67	352.86-572.48	Y=0.008x+0.78	0.82
	72 h	367.63	262.71-472.54	Y=0.010x+1.22	0.80