Table 1 Lethal concentration (LC_{50} & LC_{90}) of methanol extracts of *U. massaica* plant parts against different aquatic stages of *An. gambiae* mosquitoes

Life stage	Plant part	LC_{50}			LC_{90}			Chi-Square Tests		
		Estimate	95% confidence limit for $\log_{10}$ (Concentration)		Estimate	95% confidence limit for $\log_{10}$ (Concentration)		χ^2	df	*p*
			Lower	Upper		Lower	Upper			
Eggs	Leaves	4.86[a]	0.42	0.86	48.39[a]	1.46	2.10	269.13	22	0.000
	Stem	4.56[a]	0.60	0.71	19.48[a]	1.22	1.37	49.28	22	0.001
	Roots	11.91[a]	0.92	1.22	50.69[a]	2.33	3.37	98.54	22	0.000
L3	Leaves	1.86[a]	2.20	0.57	9.05[a]	0.68	2.39	901.19	22	0.000
	Stem	-	-	-	-	-	-	-	-	-
	Roots	3.06[a]	0.45	0.52	5.64[a]	0.66	0.75	46.96	22	0.001
Pupae	Leaves	5.22[a]	0.68	0.76	8.61[a]	0.88	1.02	129.74	22	0.000
	Stem	6.12[a]	0.69	0.91	9.33[a]	0.86	1.24	704.08	22	0.000
	Root	12.46[a]	0.46	1.61	21.02[a]	2.93	13.50	175.40	22	0.000

Notes: df = degree of freedom; χ^2 = the chi-square factor; *P* = probability for the level of significance. P was taken as significant at *p*<0.05; LC = refers to lethal concentration, LC_{50} & LC_{90} concentration that kills 50% & 90% of exposed experimental aquatic stage; L3 = third larval instar. Rows having LC estimates superscripted with letter "a" denotes no significant influence of dose on exposed *An. gambiae* aquatic stages