

Table 2 Lethal concentration (LC₅₀ & LC₉₀) of hexane 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	<i>p</i>
			Lower	Upper		Lower	Upper			
Egg	Leaves	103.30 ^a	1.73	2.62	39.11 ^a	2.88	5.266	179.96	22	0.000
	Stem	7.81 ^a	0.80	0.98	41.87 ^a	1.49	1.799	133.24	22	0.000
	Roots	6.89 ^a	0.69	0.96	61.19 ^a	1.60	2.079	167.86	22	0.000
L3	Leaves	8.53 ^a	0.85	1.02	17.99 ^a	1.15	1.430	314.57	22	0.000
	Stem	3.88 ^a	0.54	0.64	7.88 ^a	0.83	0.994	113.84	22	0.000
	Roots	1.05 ^b	-0.30	0.16	2.67 ^b	0.35	0.486	33.79	22	0.052
Pupae	Leaves	70.05 ^a	1.77	1.96	13.91 ^a	1.99	2.383	295.15	22	0.000
	Stem	4.94 ^a	0.63	0.76	9.69 ^a	0.91	1.108	193.38	22	0.000
	Roots	31.34 ^a	1.25	1.92	56.28 ^a	2.90	6.056	138.86	22	0.000

Notes: As described (Table 1) except for “b” to denote significant influence of dose on the aquatic stages