

Table 2 Lethal concentration (LC₅₀ and LCD₉₀) of hexane extracts of *U. massaica* plant parts against different aquatic stages of *An. gambiae* mosquitoes

Life stage	Plant part	LCD ₅₀		LCD 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	1.726	2.620	39.11 ^a	2.879	5.266	179.956	22	0.000
	Stem	7.81 ^a	0.796	0.980	41.87 ^a	1.493	1.799	133.241	22	0.000
	Roots	6.89 ^a	0.687	0.960	61.19 ^a	1.599	2.079	167.859	22	0.000
L3	Leaves	8.53 ^a	0.848	1.016	17.99 ^a	1.149	1.430	314.574	22	0.000
	Stem	3.88 ^a	0.535	0.638	7.88 ^a	0.829	0.994	113.839	22	0.000
	Roots	1.05 ^b	-0.296	0.161	2.67 ^b	0.351	0.486	33.788	22	0.052
Pupae	Leaves	70.05 ^a	1.768	1.957	13.91 ^a	1.986	2.383	295.151	22	0.000
	Stem	4.94 ^a	0.630	0.756	9.69 ^a	0.906	1.108	193.382	22	0.000
	Roots	31.34 ^a	1.254	1.924	56.28 ^a	2.899	6.056	138.860	22	0.000

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