

Table 5 Means of the reproductive parameters of female *Clarias gariepinus* fed diets with varying levels of vitamin A (n = 60 per treatment)

Experimental Treatments (Vitamin A IU kg ⁻¹)					
Reproductive parameters	No RE	1666 RE	3332 RE	6664 RE	13,328 RE
Fertilization rate	-	-	-	-	-
Hatchability rate	-	-	-	-	-
Retinol in eggs (IU kg ⁻¹)	194.5 ± 4.32a	1129.5 ± 11.34b	1748.5 ± 8.23c	2348 ± 17.21d	3953 ± 20.21e
Retinol in liver (IU kg ⁻¹)	0.0ns	0.0ns	0.0ns	0.0ns	0.0ns
E2 conc. in ovary (ng L ⁻¹)	5.2 ± 0.51a	6.5 ± 0.71b	6.8 ± 1.03c	7.9 ± 1.22d	8.2 ± 2.27e
Larval survival (%)	70.5 ± 4.18a	75.5 ± 8.21b	89.8 ± 5.43e	89.7 ± 5.21d	85.2 ± 4.22c

Table caption: Values are mean ± standard deviation. Values with the same superscript letters are not significantly different. Ns=not significant.