



**The Effect of Different Dosage of *Anredera cordifolia* (Ten.)  
*Steenis* Leaves Extract towards the Survival Rate of  
African Catfish (*Clarias sp.*) Infected by *Aeromonas  
salmonicida***

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**Abstract :** This study aims to assess the effect of different dosage in *Anredera cordifolia* leaves extract towards the survival rate of African catfish (*Clarias sp.*) that is infected with *Aeromonas salmonicida*. The experiment of this research was carried out by using a Completely Randomized Design method with 3 replications, 1 control, and 3 treatment dosage of 0 ppm, 50 ppm, and 100 ppm. Furthermore, the fish maintenance in this study was held for 11 days; 4 days during the post-infection of *A. salmonicida* and 7 days after the soaking of *A. cordifolia* extract. The results showed that the average percentage of African catfish (*Clarias sp.*) survival rate in control indicator is 72,3% while in treatment A (0 ppm) is 43,1%. Subsequently, it is 81,1% in treatment B with the dosage of 50 ppm and increased by 90% in treatment C with 100 ppm. In other words, the highest fish survival rate is achieved in treatment C with 100 ppm formulation.

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