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Evaluación del contenido de aminoácidos en guabina (*Hoplias malabaricus*), Bloch 1794, capturadas en el embalse hipereutrófico de Suata (estado Aragua, Venezuela)  
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### Abstract

The purpose of this study was to evaluate amino acids contents on Guabinas (*Hoplias malabaricus*), from Suata lagoon, Aragua State, Venezuela to get information about nutritional quality of the fish captured and sold around Suata area. As reference, was acquired a guabina (*H. malabaricus*) from El Pueblito lagoon, Guárico State, Venezuela to compare the effect of water on the amino acids contents. Samples collection on Suata lagoon was from November 2007 to July 2008. The results showed that proteins contents variation was not significantly over the months evaluated. Aspartic acid and glutamic acids were the most important no essential amino acids found; serine, glycine, and lysine presented significant differences over months evaluated. Lysine and leucine were the essential amino acids on highest concentration. From December 2007 to February 2008 was observed that essential and no essential amino acids decreased in guabinas. The water conditions of the Suata lagoons appeared no effect over amino acids contents in guabinas from Suata lagoon.

### Keywords

*Hoplias malabaricus*, guabinas, Suata, amino acids.

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