

# STUDIES ON PROXIMATE BODY COMPOSITION OF INDIAN CAT FISH, CLARIAS BATRACHUS (LINN.) FED DIET CONTAINING VARIOUS LEVELS OF GOSSYPOL FOR 12 WEEKS

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## Abstract

Studies on whole body proximate composition of Indian cat fish (*Clarias batrachus* Linn.) fed on diet containing various levels of gossypol (a toxin, naturally occurring polyphenolic pigment in the cotton plant, *Gossipium* spp.) for 12 weeks have been made. Whole body moisture significantly increased whereas lipid decreased when dietary gossypol levels were increased to 600mg/kg or higher. However, no significant differences were observed for body moisture and lipid in fishes fed diet containing 600, 1200 and 1500 mg gossypol/kg respectively. Changes were observed in protein contents also. The details have been discussed in this paper.

## Key words

Proximate composition, Fish, Gossypol

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