

Total Lipid Alteration Gill and Muscle of Fingerlings of Freshwater Fish *Labeo Rohita* Fed on Formulated Feed

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Abstract: Now a day's consumer wants to know and ensured the nutritional value of the products what they are eating. The biochemical composition of the whole body indicates the fish quality. In the biochemical composition lipids are of great important not only to fish nutrients but also to human nutrition. For this in the present experiment, Nighty days experiment was conducted in glass aquaria to study lipid content in intestine of fingerlings of freshwater fish *Labeo rohita* fed on 100%, 75%, 50% and 25% non-conventional source of protein in formulation of fish feed i.e., Blood of bovine animals obtained from slaughter house waste and conventional feed. i.e., Groundnut oil cake. The fishes were fed at the rate of 2% of the body weight every day. After specific time intervals the fishes were weighed and sacrificed for intestine tissue. The estimation of total lipid by Floch's method. The above result demonstrated that, the maximum lipid content was observed at 25% formulated feed followed by 50% 100% and 75% formulated as compared to conventional feed and muscle at 100% formulated feed as compared with conventional feed.

Keywords: Lipid, Formulated Feed, Conventional Feed. *Labeo Rohita*, etc.

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