

## SDS-PAGE ELECTROPHORETIC SEPARATION OF PROTEINS IN C. CATLA MUSCLES

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### **ABSTRACT**

*Muscle tissues contribute 34–48 % of the total body mass in fish. Analysis of the Proteins in them enables better understanding of muscle physiology and metabolism. A proteome map reflects general fingerprinting of fish and has the potential to identify novel proteins which could serve as biomarkers for several aspects of aquaculture. Present investigation was undertaken to observe variability in the proteins and their importance as biomarkers in the fish *Catla catla*. SDS-PAGE Electrophoresis is a valid and widely acceptable tool used for the determination of molecular properties of proteins. Protein profile was thus generated during present study as a basic information for further research in molecular biology*

**KEYWORDS:** *SDS Page, Protein, Nutrition, Catla Catla*