**A REPORT ON ISOLATION AND IDENTIFICATION OF DIFFERENT BACTERIA FROM COMMERCIAL EGG SHELL SURFACE**



**A Clinical Report Submitted by**

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CHITTAGONG VETERINARY AND ANIMAL

SCIENCES UNIVERSITY

**A REPORT ON ISOLATION AND IDENTIFICATION OF DIFFERENT BACTERIA FROM COMMERCIAL EGG SHELL SURFACE**



 **A Clinical report**

 **Submitted as per approved style and contents**

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 **Abstract**

This study presents the degree of contamination of table eggs with bacteria of the genus *Escherichia coli*, *Salmonella* taking into account in the source of the eggs. The results of the study indicate a relatively high degree of contamination of table eggs with Salmonella bacteria and enterobacteriaceae on egg shell. The sample was collected randomly from different market of Chittagong city. We focused here on bacterial growth. The study shows that *Salmonella* and *Escherichia coli* are the common organism in the egg shell. Among 50 samples *Escherichia coli* found in 27 and *Salmonella* found in16 samples and 7 samples were negative. The % of *Escherichia coli* is 54% and *Salmonella* found in 32% sample. Smears are taken from egg shell and confirmation was done by cultural test. The study indicates the need for optimum hygienic conditions at the farm level to decrease the bacterial load.