

UNIVERSITY OF MYSORE
DEPARTMENT OF STUDIES IN BIOTECHNOLOGY

**EVALUATION OF ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF
BUFFALO COLOSTRUM WHEY PEPTIDES:
AN *IN VITRO*, *IN VIVO* AND *IN SILICO* ANALYSIS**

**Dissertation work submitted in partial fulfilment of the
requirement for the award of the degree**

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

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Reg no: P01ZZ21S0285

IV Semester, M.Sc. Biotechnology

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Under the guidance of

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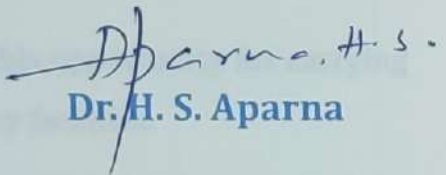
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CERTIFICATE

This is to certify that this dissertation entitled "**Evaluation of antimicrobial and antioxidant activity of Buffalo Colostrum Whey Peptides: An *in vitro*, *in vivo* and *in silico* analysis**" submitted to the University of Mysore, Mysuru, for the award of Master of Science in Biotechnology is a record of research work carried out by **AMULYA S** under my guidance and supervision at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, during May to August 2023.

Place: Mysore

Date: 1st September 2023


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