

ISOLATION & CHARACTERIZATION OF BACTERIOCIN PRODUCING LACTIC ACID BACTERIA FROM FOOD SAMPLES

A DISSERTATION SUBMITTED BY

CHANDRASHEKHARAS

Registration Number: MB119109



TO THE UNIVERSITY OF MYSORE IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN MICROBIOLOGY

UNDER THE GUIDANCE OF

Dr. Ramith Ramu,

M.Sc., Ph.D, Assistant professor, Division of Biotechnology and Bioinformatics, Dept. of Water and Health-Faculty of Life Sciences, JSS Academy of Higher Education and Research. Mysuru



UNIVERSITY OF MYSORE

DEPARTMENT OF STUDIES IN MICROBIOLOGY MANASAGANGOTRI, MYSORE-570 006

Prof. S. SATISH

Chairperson

Phone: +91-821-2419735

Website: www.uni-mysore.ac.in

CERTIFICATE

This certify that the dissertation entitled **'ISOLATION** CHARACTERIZATION OF BACTERIOCIN PRODUCING LACTIC ACID BACTERIA FROM FOOD SAMPLES' submitted to the Department of Studies in Microbiology, University of Mysore, Mysuru, in the partial fulfilment for the award of Master of Science in Microbiology is a record of bonafide research work carried out by Mr. CHANDRASHEKHAR. S. under the guidance of Dr. Ramith Ramu, M.Sc., Ph.D, Assistant professor, Division of Biotechnology and Bioinformatics, Dept. of Water and Health-Faculty of Life Sciences, JSS Academy of Higher Education and Research. Mysuru during March to June 2021.

DATE: 25/09/21



(Prof. S. SATISH)

Dr. S. SATISH M.Sc., Ph.D., Post Doc (USA Professor and Chairman Department of Studies in Microbiolog University of Mysore, Manasagangot Mysuru - 570006, Karnataka, INDIA

ARTMENT OF WATER & HEALTH (FACULTY OF LIFE SCIENCES)

Shivarathreeshwara Nagara, Mysuru - 570 015, Kamataka, India

1-821-2548326 | 2548003

Alfescionces@issuni.edu.in www.jssuni.edu.in





CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "Isolation and characterization of bacteriocin producing Lactic acid bacteria from food samples" is the research work done by Mr. Chandrashekhara S, Postgraduate student, DOS in Microbiology, University of Mysore, Mysuru - 570006, under my guidance in partial fulfilment of the requirement for the degree of Master of Science in Microbiology.

Date: 15/09/2021

Place: Mysuru

Dr. RAMITH RAMU M.Sc., Ph.D., Assistant Professor

Division of Biotechnology & Bioinformatics Dept. of Water & Health-Faculty of Life Sciences JSS Academy of Higher Education & Research Sri Shivarahteeshwara Nagar MYSURU-570 015