

**“MOLECULAR CHARACTERISATION OF
LACTOBACILLUS SPECIES BY PCR”**

A project report submitted in partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted to

**Department of Studies in Biotechnology
University of Mysore**

Submitted by

DRISHYA C.M.

Reg. No.- P01ZZ21S0527

IV Semester

M.Sc. Biotechnology

DOS in Biotechnology

Manasagangotri, Mysore.

Under the guidance of

INTERNAL GUIDE

Dr. Geetha N.
Professor,
DOS in Biotechnology,
University of Mysore,
Mysore-570006

EXTERNAL GUIDE

Dr. Radhika M.
Scientist 'E',
Food Microbiology Division
Defence Food Research Laboratory,
Mysore-570011



An ISO 22000 : 2005
ISO 9001-2015 Certified Lab

सूक्ष्म जीव विज्ञान विभाग
Department of Food Microbiology

भारत सरकार, रक्षा मंत्रालय
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE
रक्षा अनुसंधान तथा विकास संगठन
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
रक्षा खाद्य अनुसंधान प्रयोगशाला
DEFENCE FOOD RESEARCH LABORATORY
सिद्धार्थ नगर, मैसूरु / SIDDARTHANAGAR, MYSORE - 570 011
कर्नाटक, भारत / KARNATAKA, INDIA

सभी पत्रचार निदेशक, डी एफ आर एल

मैसूरु के नाम से भेजें

All correspondence should be addressed to
Director, D F R L, Mysore

CERTIFICATE

This is to certify that the dissertation entitled "Molecular characterisation of *Lactobacillus* species by PCR" submitted in partial fulfilment of the requirements for the award of the degree of Master of Science in Biotechnology to the Department of Studies in Biotechnology, University of Mysore is a record of bonafide research work carried out by Ms. Drishya C.M (Reg. No. P01ZZ21S0527) in Food Microbiology Division, Defence Food Research Laboratory, Mysore from 01/08/2023 to 28/08/2023 under the guidance of Dr. Radhika M, Scientist 'E', Food Microbiology Division and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and that the work has been published in partial or fulfilment in scientific / popular / magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysore equally and expenses for obtaining and maintaining IPR has been borne equally. The authorship(s) pertaining to any invention and for the publication of research papers shall be determined by DRDO-DFRL, Mysore where the research work is planned and carried out.

Date: 28/08/2023

Place: Mysore

Head of Division

Radhika.M

Guide

Counter Signed by

407-
30/8/2023

Head (HRD)

डॉ. आर कुमार / Dr. R. KUMAR

सूक्ष्म जीव एवं प्रमुखा (एच आर डी) / Scientist 'G' & Head (HRD)
रक्षा खाद्य अनुसंधान प्रयोगशाला / Defence Food Research Laboratory
डी आर डी ओ, रक्षा मंत्रालय / DRDO, Min. of Defence
भारत सरकार / Govt. of India
मैसूरु-५७० ०११ / MYSURU-570 011