

Extraction of Phycocyanin from *Arthospira platensis* by Ultrasound-Assisted Extraction followed by Aqueous Two-Phase Extraction

A Dissertation Work

submitted in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE
IN
BIOTECHNOLOGY**

Submitted to

Department of Studies in Biotechnology

University of Mysore

Submitted by

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IV Semester, M.Sc. Biotechnology

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September 2023

DECLARATION

I, **AKARSH B**, do hereby declare that the present dissertation entitled, **Extraction of Phycocyanin from *Arthospira platensis* by Ultrasound-Assisted Extraction followed by Aqueous Two-Phase Extraction** submitted for partial fulfilment for the award of **Master of Science in Biotechnology** degree at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, Mysore, under the guidance of **Prof. S. Umesh**, Professor and Chairman, Department of Studies in Biotechnology, University of Mysore, Manasagangotri Mysore, from May 2023 to September 2023

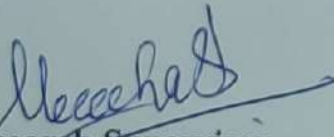
I, further declare that the work embodied in this dissertation is original and has not been submitted previously for the award of any other degree or diploma in this or any other university.

Date: September 2023

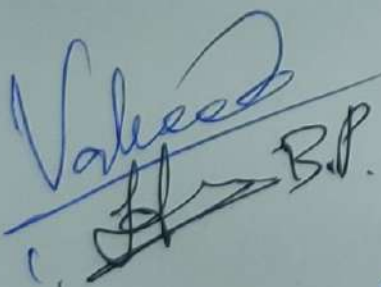
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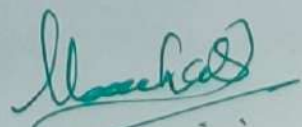
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