

DETECTION OF LACTONASE ENZYME VIA PREPARATION OF COLOURED LACTONE DERIVATIVE

A Dissertation Report for

Course code and Course Title:CGO-500 Dissertation

Credits:8

Submitted in partial fulfilment of Master's degree

M.Sc. in Organic chemistry

By

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Goa University

April 2023



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DECLARATION

I hereby declare that the data presented in this Dissertation report entitled "**Detection Of Bacterial Enzyme Lactonases via Synthesis Of Coloured Lactone Derivatives**" is based on the results of investigations carried out by me in Organic Chemistry at the School of Chemical Sciences Goa University under the supervision of Dr. Kashinath L. Dhumaskar and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa University or its authorities will not be responsible for the correctness of observations/experimental or the other findings given in the dissertation.

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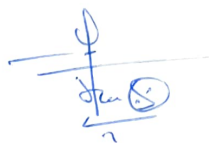
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COMPLETION CERTIFICATE

This is to certify that the dissertation entitled, "**Detection of Bacterial Enzyme Lactonases via Synthesis of Coloured Lactone Derivatives**" is bonafide work carried out by **Ms. Vaishnavi Pandurang Salkar** under my supervision in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry at the School of Chemical Sciences, Goa University.



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