# COMPARATIVE ANALYSIS OF ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY IN Nymphaea nouchali ROOT AND LEAF EXTRACTS

BIG

A Project Report Submitted by

SWEEDOL D SILVA (229228)

Under the guidance of

#### DR. ASHA ABRAHAM

to



# ST ALOYSIUS COLLEGE (AUTONOMOUS)

In part fulfilment of the requirements for the award of

Master of Science in BIOTECHNOLOGY

Department of Post Graduate Studies and Research in Biotechnology

May, 2024

ಸಂತ ಅಲೋಶಿಯಸ್ ಕಾಲೇಜು (ಸ್ವಾಯತ್ತ) ಸಂತ ಅಲೋಶಿಯಸ್ ಕಾಲೇಜು ರಸ್ತೆ ಮಂಗಳೂರು- 575 003 www.staloysius.edu.in



ST ALOYSIUS COLLEGE(AUTONOMOUS) ST ALOYSIUS COLLEGE ROAD MANGALURU – 575 003 Phone: 0824-2449700, 2449701 Fax: 0824-2449705 Email: principal\_sac@yahoo.com

Re-accredited by NAAC with 'A++' Grade – CGPA 3.67/4

Ranked 80 in College Category-2023 under NIRF, MHRD, Government of India. Recognised as Centre for Research Capacity Building under UGC-STRIDE Scheme, Government of India Recognised under DBT-BUILDER Scheme, Government of India. College with 'STAR STATUS' conferred by DBT, Government of India. Recognised by UGC as "College with Potential for Excellence"

#### CERTIFICATE

This is to certify that the project report entitled "Comparative Analysis of Antioxidant and Antimicrobial Activity in Nymphaea nouchali root and leaf extracts" is a bonafide work carried out by Sweedol D Silva, 229228 under the guidance of Dr. Asha Abraham in the Department of Post Graduate Studies and Research in Biotechnology, St. Aloysius College.

The same is being submitted to the Post Graduation Department of Biotechnology, St. Aloysius College in partial fulfilment of the requirements for the award of **Master of Science-Biotechnology**. No part of this thesis has been presented for the award of any other degree.

DR. SHREELAUTHA SUNARNA I.

Name & Signature of HOD

Asha

Name & Signature of the Guide

Dr. Asha Abraham Associate Professor PC Dept of Biotechnology St. Chastius College (Autonomous) Wangaluru - 575 003

Examiners:

olos

2.

### St Aloysius College (Autonomous), Mangaluru St Aloysius College Road, Kodialbail, Mangaluru, D. K., Karnataka - 575 003



Re-accredited by NAAC with 'A++' Grade with CGPA 3.67/4 Ranked 80 in College Category – 2023 under NIRF, Ministry of Education, Govt of India Recognized as the Centre for Research Capacity Building under UGC-STRIDE Scheme Recognized under the DBT – BUILDER Scheme, Government of India College with "STAR STATUS" conferred by DBT, Government of India

Recognized by UGC as a "College with Potential for Excellence"

## **Plagiarism Verification Report**

Title of the Project/Dissertation/Research Article/Ph.D. Thesis: Comparative Analysis of Antioxidant and Antimicrobial Activity in Nymphaea nouchali root and leaf extracts. Total Pages: 56

Name of the Student/Research Scholar: Sweedol D Silva (Reg No.: 229228)

Name of the Supervisor/Guide: Dr. Asha Abraham

Designation and Department: HOD, Department of Post Graduate Studies and

#### **Research in Biotechnology**

This is to report that the above Project/dissertation/thesis was scanned for similarity detection and the process and outcome are given below:

Software used: DrillBit

Date: 2024-05-25 Similarity Index: 9%

Submission ID: 1868344

Checked by

Librarian

St Aloysius College (Autonomous)

Mangaluru - 575 003

LIBRARIAN STALOYSIUS COLLEGE(Autonomous) MANGALURU - 575 003