

B/g

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

A Project Report
Submitted by

**SOWMYA BHAT
(229225)**

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.stalloysius.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

ESTD : 1880

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 Sowmya Bhat, 229225 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. SHREEELATHA SUVARNA J.

Name & Signature of HOD

Head

Post graduate Department of Biotechnology

St. Aloysius College, Mangalore-575 003

Name & Signature of the Guide

Dr. Asha Abraham

Associate Professor

PG Dept of Biotechnology

St. Aloysius College (Autonomous)

Mangaluru - 575 003

Examiners:

1. 30/05/2024

2. 30/05/2024

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: **Sowmya Bhat (Reg No.: 229225)**

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**

Submission ID: **1868344**

Similarity Index: **9%**

Checked by

Librarian

St Aloysius College (Autonomous)

Mangaluru – 575 003

LIBRARIAN

STALOYSIUS COLLEGE (Autonomous)

MANGALURU - 575 003