Phytochemical Screening and Assessment of antioxidant, anti-mitotic and cytotoxic activity of floral

pigments from Callistephus chinensis

A project report submitted to St. Aloysius College (Autonomous), in partial fulfillment of the requirement of the degree in

MASTER OF SCIENCE IN BIOTECHNOLOGY

By: Jeffrina Nancy J Reg. No.: 209214



Post Graduate Department of Biotechnology,

St. Aloysius College, Mangalore – 575 003

July 2022



ST ALOYSIUS COLLEGE (AUTONOMOUS)

Department of Post Graduate Studies and

Research in Biotechnology

P.B.No. 720, Manglore-575003, IND1A Phone: (0824) 2449700 extn: 223

Web site: www.staloysius.edu.in email: hodpgsrb@staloysius.edu.in

CERTIFICATE

This is to certify that the project report entitled "Phytochemical Screening and Assessment of anti-oxidant, anti-mitotic and cytotoxic activity of floral pigments from *Callistephus chinensis*" is a work carried out by Jeffrina Nancy J (209214) under the guidance of Dr. Asha Abraham in the Department of Post Graduate Studies and Research in Biotechnology, St. Aloysius College (Autonomous).

The same is being submitted to the Post Graduate Studies and Research in Biotechnology, St. Aloysius College in partial fulfillment of the requirements for the award of **Master of Science in Biotechnology**. No part of this thesis has been presented for the award of any other degree.

Dr. Shreelalitha Suvarna J HOD Head Post graduate Department of Bistechnology St Aloysius College, Mangalore-575 003

Ms Vijayalakshmi G Co-guide

Dr. Asha Abraham Research Guide Dr. Asha Abraham Associate Professor PG Dept of Biotechnology St. Aloysius College (Autonomous) Mangaluru - 575 003

Examiner 1)