



RESEARCH APPROVAL SHEET
2nd Semester AY 2021-2022

**"Total Phenolic Content and Antioxidant Activity of Epiphyllum oxypetalum (DC.)
Haw. Crude Leaf Extracts"**

Title of Thesis

☐ Proposal / Outline

☒ Manuscript

NAME OF STUDENT : **JAMES M. MORTEL**

Degree Program : **Bachelor of Science in Chemistry**

APPROVED : **ATOZ A. VASQUEZ**

Adviser

15 July 2022
Date

REVIEWED : Student Research Committee:

ALLAN A. RAMAL

Chairperson

15 July 2022
Date

JACOB GLENN F. JANSALIN

Member

15 July 2022
Date

APPROVED:

ELIZABETH S. QUEVEDO

Head, DoPAC

15 July 2022
Date

MA. THERESA P. LORETO

Dean, CAS

Date



TRANSMITTAL

The undergraduate thesis attached hereto entitled, "**TOTAL PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF *Epiphyllum oxypetalum* (DC.) HAW. CRUDE LEAF EXTRACTS**" prepared and submitted by **JAMES MORENO MORTEL** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN CHEMISTRY 2nd semester AY 2021 - 2022** is hereby accepted.

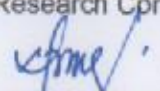

ATOZ A. VASQUEZ

Adviser

15 July 2022

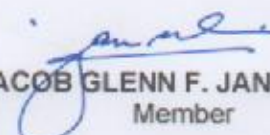
Date

Student Research Committee:


ALLAN A. RAMAL

Chairman

Date


JACOB GLENN F. JANSALIN

Member

Date

Accepted as partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.


ELIZABETH S. QUEVEDO

Head

Department of Pure and Applied Chemistry

Date

MA. THERESA P. LORETO

Dean

College of Arts and Sciences

Date



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STATE UNIVERSITY



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UNDERGRADUATE RESEARCH PROPOSAL/MANUSCRIPT ROUTING SLIP

2nd Semester AY 2021 - 2022

☐

Proposal / Outline

☒

Manuscript

Name: JAMES M. MORTEL

Course and Year: BS CHEMISTRY 4

Major Field: CHEMISTRY

Title of thesis/special problem/engineering project report/case study: "TOTAL PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF *Epiphyllum oxypetalum* (DC.) HAW. CRUDE LEAF EXTRACTS"

Name		REVIEWS/COMMENTS			
		1 st	2 nd	3 rd	4 th
ATOZ A. VASQUEZ Adviser	Received	13 July 2022	14 July 2022	15 July 2022	
	Returned	13 July 2022	19 July 2022	18 July 2022	
	Signature				
JACOB GLENN F. JANSALIN SRC Member	Received	15 July 2022			
	Returned	15 July 2022			
	Signature				
ALLAN A. RAMAL SRC Chairperson	Received	15 July 2022			
	Returned	15 July 2022			
	Signature				

Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation.
Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ELIZABETH S. QUEVEDO Department Head	Received	7/15/2022			
	Returned	7/15/2022			
	Signature				
MA. THERESA P. LORETO College Dean	Received				
	Returned				
	Signature				

Note:

- (1) Add a row next to the Adviser if there is a Co-Adviser
 (2) Add additional columns if more reviews are needed