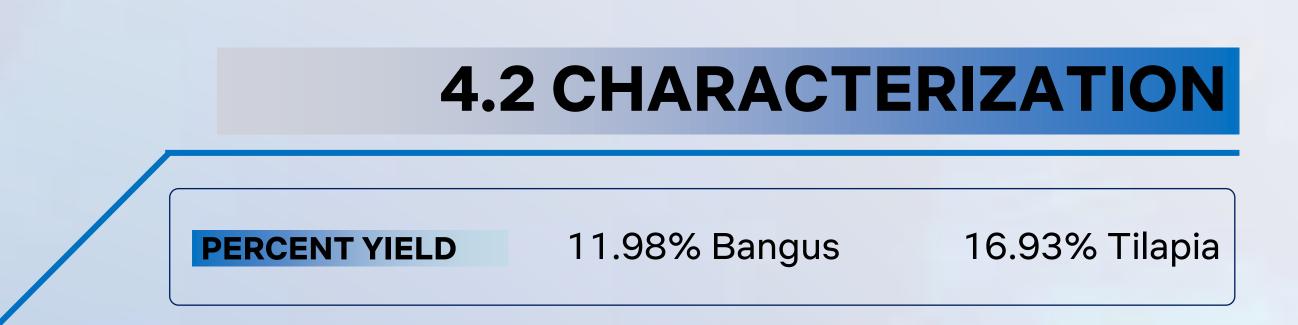
# **BIOLOGICAL EXTRACTION AND CHARACTERIZATION OF CHITIN BIOPOLYMER FROM LOCAL BANGUS (Chanos** chanos) AND TILAPIA (Oreochromis niloticus) FISH SCALES WASTE

Nika L. Pareja<sup>a</sup>, Doris B. Montecastro<sup>b</sup>, and Antonio M. Basilio<sup>a</sup>

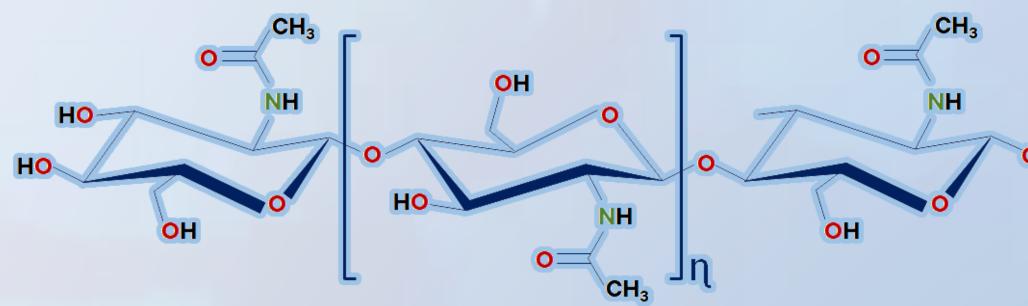
<sup>a</sup>Department of Chemistry, Ateneo de Davao University <sup>b</sup>Department of Environmental Science, Ateneo de Davao University E. Jacinto St., Davao City

## **1. INTRODUCTION**

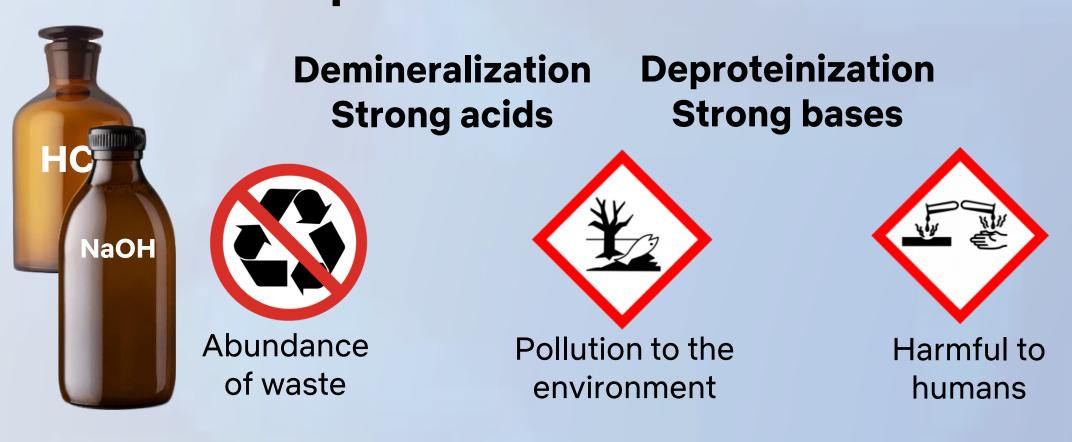
In the Philippines, the main aquaculture products - Bangus and Tilapia contribute to the marine wastes together with the increase in its production. These wastes pose great danger for the environment because of their high biological and chemical oxygen demand, pathogens, and organic matters, among others



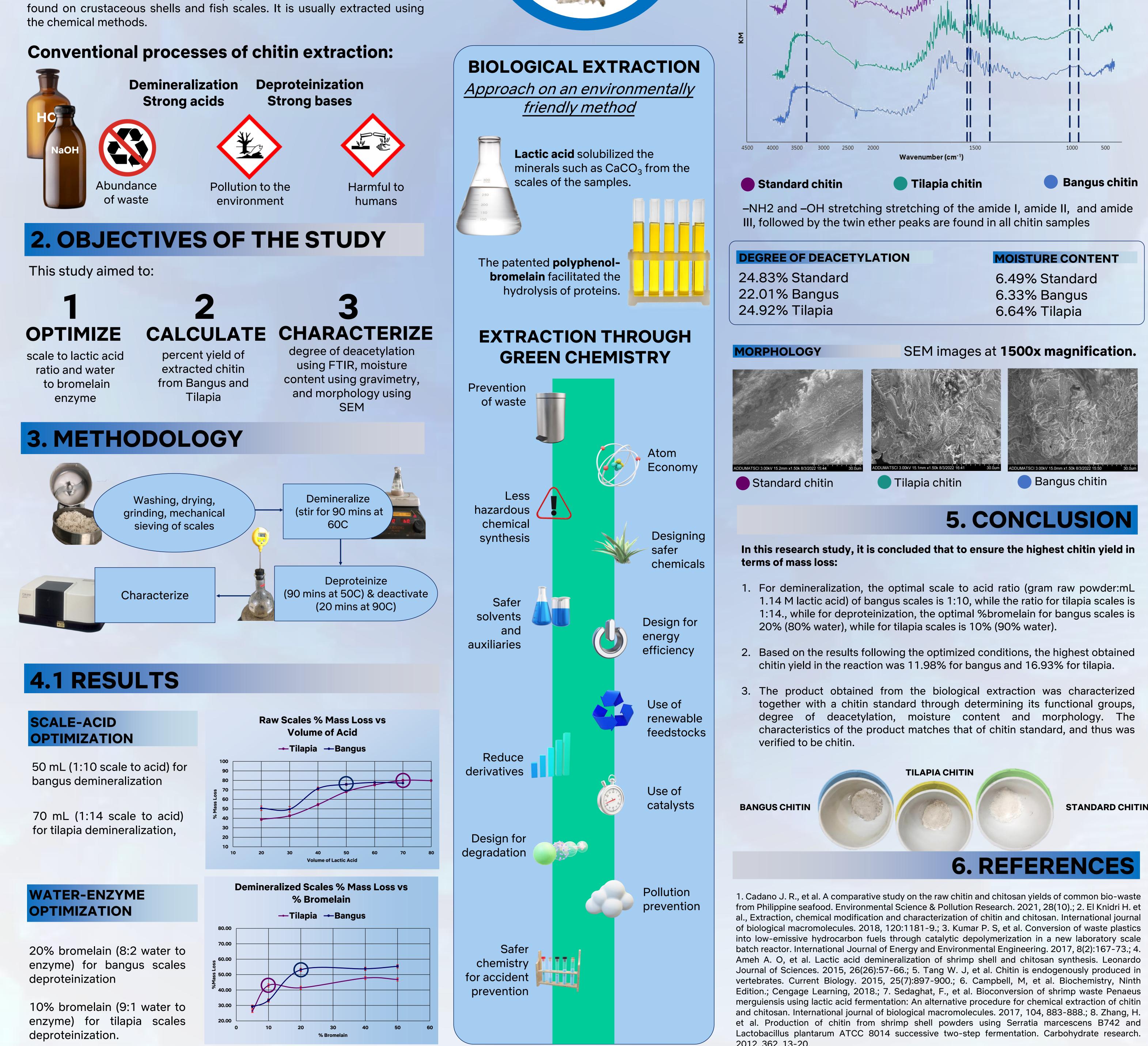
**FTIR SPECTRA** 



**Chitin** is the second most common polymer after cellulose that is usually







**STANDARD CHITIN** 

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