### Author's Accepted Manuscript

Optimization of Collagen Extraction from Chicken Feet by Papain Hydrolysis and Synthesis of Chicken Feet Collagen Based Biopolymeric Fibres

Damodar Dhakal, Pisut Koomsap, Anita Lamichhane, Muhammad Bilal Sadiq, Anil Kumar Anal



www.elsevier.com/locate/sdj

PII: S2212-4292(17)30252-3

DOI: https://doi.org/10.1016/j.fbio.2018.03.003

Reference: FBIO284

To appear in: Food Bioscience

Received date: 7 June 2017 Revised date: 24 February 2018

Accepted date: 2 March 2018

Cite this article as: Damodar Dhakal, Pisut Koomsap, Anita Lamichhane, Muhammad Bilal Sadiq and Anil Kumar Anal, Optimization of Collagen Extraction from Chicken Feet by Papain Hydrolysis and Synthesis of Chicken Feet Collagen Based Biopolymeric Fibres, *Food Bioscience*, https://doi.org/10.1016/j.fbio.2018.03.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### **ACCEPTED MANUSCRIPT**

## Optimization of Collagen Extraction from Chicken Feet by Papain Hydrolysis and Synthesis of Chicken Feet Collagen Based Biopolymeric Fibres

Running Title: Extraction and Characterization of Chicken Feet Collagen

Damodar Dhakal<sup>1</sup>, Pisut Koomsap<sup>2</sup>, Anita Lamichhane<sup>1</sup>, Muhammad Bilal Sadiq<sup>1</sup>, Anil Kumar Anal<sup>1</sup>\*

<sup>1</sup>Food Engineering and Bioprocess Technology,

Department of Food, Agriculture and Bioresources, Asian Institute of Technology,

Klong Luang, Pathumthani 12120, Thailand

<sup>2</sup>Industrial and Manufacturing Engineering, Asian Institute of Technology, Klong Luang,
Pathumthani 12120, Thailand

\*Corresponding author

Dr. Anil Kumar Anal

Food Engineering and Bioprocess Technology,

Department of Food, Agriculture and Bioresources,

Asian Institute of Technology, PO Box 4, Klongluang, Pathumthani 12120, Thailand.

Tel; +66 25246110

Fax: +66-2-5246200

E-mail: anilkumar@ait.asia; anil.anal@gmail.com

#### Download English Version:

# https://daneshyari.com/en/article/6488808

Download Persian Version:

https://daneshyari.com/article/6488808

<u>Daneshyari.com</u>