

شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلو

بسم الله الرحمن الرحيم





HANAA ALY



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكرونيله



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



HANAA ALY



شبكة المعلومات الجامعية التوثيق الإلكترونى والميكروفيلم

جامعة عين شمس التوثيق الإلكتروني والميكروفيلم قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



HANAA ALY





Biochemical studies of plant protease and its effect on cheese characteristics

A Thesis submitted by

Aya Maged Ahmed Abd El-Khalek

(B.Sc. in Biochemistry 2011)

As a Partial Fulfillment for the Requirements for the Degree of Master of Science in Biochemistry

Under Supervision of

Dr. Eman M. Abd El-Azeem

Professor of Biochemistry Biochemistry department Faculty of Science Ain Shams University

Dr. Dina Mohamed Seoudi

Professor of Biochemistry Biochemistry department Faculty of Science Ain Shams University

Dr. Nabil Samy Abd-Rabou

Professor Emeritus of Dairy Science Dairy department Food Industry and Nutrition Division National Research Center

> Biochemistry Department Faculty of Science Ain-Shams University

بسم الله الرحمن الرحيم (وَقُلُ رَبِّ زِدْنِي عِلْماً)

صدق الله العلي العظيم سورة طه: من الآية114



Ain Shams University Faculty of Science Department of Biochemistry

Biochemical studies of plant protease and its effect on cheese characteristics

Board of Scientific Supervision

Dr. Eman M. Abd El-Azeem

Professor of Biochemistry Biochemistry department Faculty of Science Ain Shams University

Dr. Dina Mohamed Seoudi

Professor of Biochemistry Biochemistry department Faculty of Science Ain Shams University

Dr. Nabil Samy Abd-Rabou

Professor Emeritus of Dairy Science Dairy department Food Industry and Nutrition Division National Research Center

APPROVAL SHEET

Biochemical studies of plant protease and its effect on cheese characteristics

Thesis Submitted for the Degree of Master of Science in Biochemistry

By

AYA MAGED AHMED ABD EL-KHALEK

Under Supervision of

Dr. Eman M. Abd El-Azeem
Professor of Biochemistry, Biochemistry Department, Faculty of Science
Ain Shams University
Dr. Dina Mahamad Saaudi
Dr. Dina Mohamed Seoudi
Professor of Biochemistry, Biochemistry Department, Faculty of Science,
Ain Shams University
D. M. 191C Al. I D. L.
Dr. Nabil Samy Abd-Rabou
Professor Emeritus of Dairy Science, Dairy Department, Food Industry
and Nutrition Division, National Research Centre

Date of examination: //2021

Declaration

I herefore declare that this thesis has not been submitted for a degree at this or any other university, and that the work therein has been done by myself.

Aya M. Abd EL-Khalek



Ain Shams University Faculty of Science Department of Biochemistry

Biography

Name: Aya Maged Ahmed Abd El-Khalek

Date of Graduation: May 2011, Faculty of Science, Fayoum

University

Degree awarded : B. Sc. in Chemistry & Biochemistry 2011

Scientific degree: M. Sc. in Biochemistry, Faculty of Science,

Ain Shams University

Occupation: Dairy Department, Food Industry and Nutrition

Division, National Research Centre.