



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بـلله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل

BI.1V0

PREPARATION AND EVALUATION OF DRUG COMBINATION FOR DIABETES MELLITUS CONTAINING AN ANTIOXIDANT BIOFLAVONOID TO CONTROL ATHEROSCLEROSIS

Thesis

Presented By

Usama Farghaly Aly Hassan

Assist. Lecturer of Pharmaceutics,
Faculty of Pharmacy, Al-Minia University

Submitted for

**The Degree of Doctor of Philosophy in Pharmaceutical Sciences
(Pharmaceutics)**

Supervised by

Prof. Dr.

Ahmed Abdella

*Professor of Chemistry of
Natural products,
Faculty of Science, Al-minia
University, Egypt.*

Dr.

Khaled Aly Khaled

*Ass. Professor of
Pharmaceutics, Faculty of
Pharmacy, Al-minia University,
Egypt.*

***Faculty of Pharmacy
Al-Minia University***

2008

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

(و علمك ما لم تكن تعلم
و كان فضل الله عليك عظيما)

مِنَ اللَّهِ الْعَظِيمِ

Approval Sheet

The thesis presented by:

Usama Farghaly Aly Hassan

Entitled:

"Preparation and Evaluation of Drug Combination for Diabetes Mellitus Containing an Antioxidant Bioflavonoid to Control Atherosclerosis"

*Be accepted for the Degree of Doctor of Philosophy in
Pharmaceutical Sciences (Pharmaceutics).*

Approved by:

1- Prof. Dr. Mahassen Mashaly

Prof. of Pharmaceutics, Faculty of Pharmacy,
Al-Mansoura University.



**2- Prof. Dr. Mohamed Ahmed Fouad
Gad-Allah**

Prof. of Pharmaceutics, Faculty of Pharmacy,
Alexandria University.



3- Dr. Khaled Aly Khaled

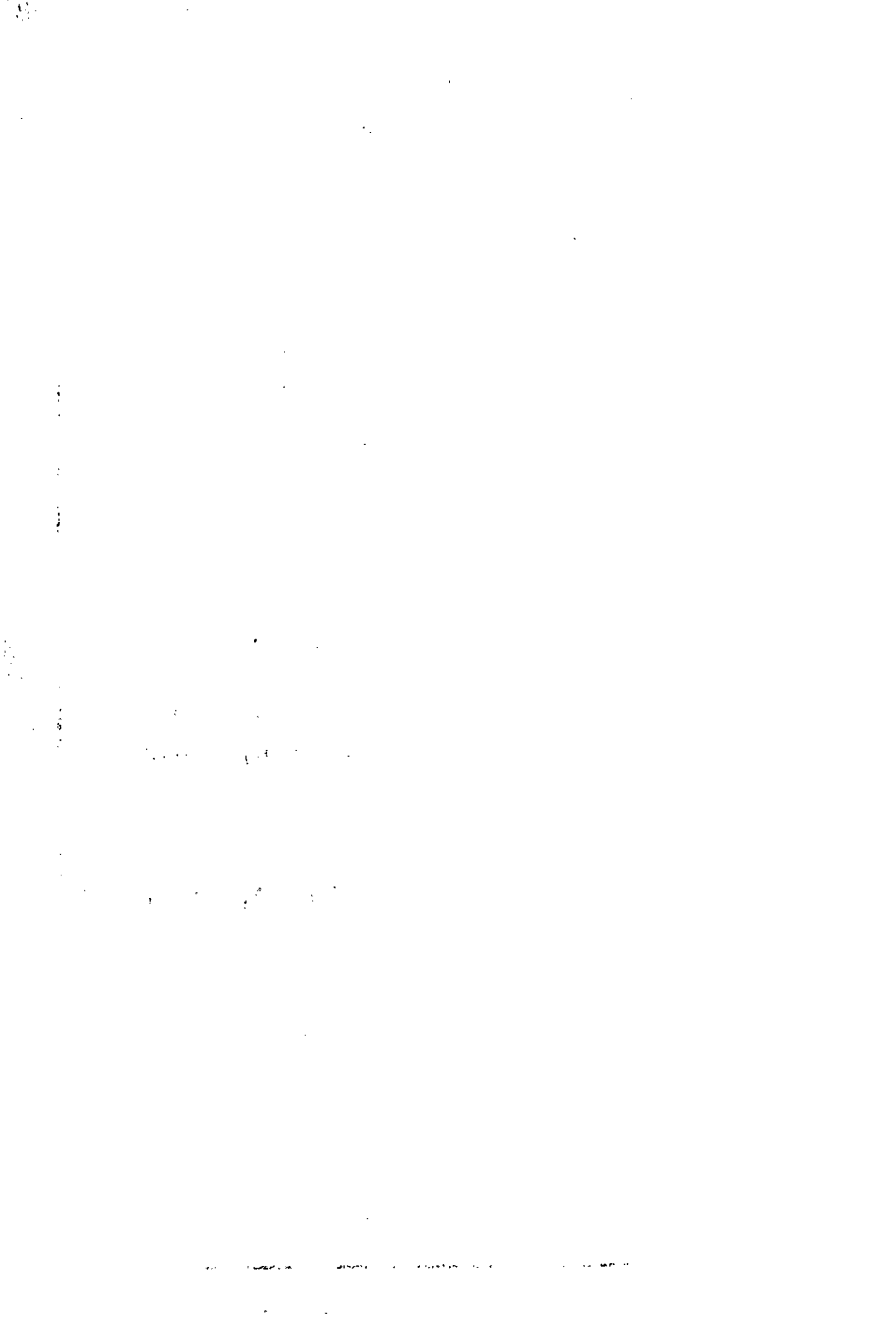
Ass. Prof. of Pharmaceutics, Faculty of Pharmacy,
Al-Minia University.



Committee in charge,

Date: 30/3/2008

**Al-Minia University
2008**



ACKNOWLEDGEMENT

"IN THE NAME OF ALLAH MOST GRACIOUS, MOST MERCIFUL"

Thanks are due to Allah, whose blessings may help me accomplish righteousness.

*I am sincerely grateful to the spirit of **Prof. Dr. Ahmed Abdella**, Professor of chemistry of natural products, Faculty of Science, Al-Minia University, Al-Minia, Egypt for his kind supervision, sincere assistance, fruitful help, continuous guidance, helpful advise during this work.*

*I would like to express my deep gratitude to my **Prof. Dr. Khaled Aly Khaled**, Ass. Professor of Pharmaceutics, Faculty of Pharmacy, Al-Minia University, Al-Minia, Egypt, for suggestion of the subject, valuable supervision, fruitful guidance, constant advise, moral support and helpful criticisms throughout this work.*

*I am profoundly grateful to my **Prof. Dr. Mohamed Salah Kamel**, Professor of Pharmacognosy and the Dean of Faculty of Pharmacy, El-Minia University, Egypt. For his constant support and encouragement.*

All thanks to my colleague Dr. Mahmoud EL-Daly, Mr. Sherif Ramadan and all my colleagues in the department.

TO
MY PARENTS
MY WIFE
AND
MY DAUGHTER HALAA

