



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية

@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

**Studies of addition reactions
of some amines on some α, β -
unsaturated carbonyl
compounds**

٤٣٤٢
CP

A thesis submitted for
the degree of Ph.D.

In
Organic Chemistry

Presented By
Fagr Abd El Sayed Ismail Younes

M.Sc. (1992)

Chemistry Department
Faculty of Women for
Arts, Science and Education,
Ain Shams University

2001

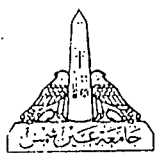
بسم الله الرحمن الرحيم

«وعلمك ما لم تكن تعلم، وكان

فضل الله عليك عظيماً»

صدق الله العظيم

(النساء - ١١٣)



Ain Shams University
Faculty of Women for Arts,
Science and Education
Chemistry Department

**Studies of addition reactions of some
amines on some α, β - unsaturated
carbonyl compounds**

Thesis Advisors

Prof. Dr. Samiha M. Abdel Wahab

Prof. Dr. Boshra M. Awad

Prof. Dr. Nadia R. Guirguis

Dr. Hanaa A. Saad

Thesis Approved

Samiha
Boshra M. Awad

Hanaa A. Saad

Prof. Dr. E. El-Sawi

E. El-Sawi

Head of Chemistry Department

Approval of Chemistry Department Council

/ / 2001

Approval of Faculty Council

/ / 2001

Approval of University Council

/ / 2001

Qualification

Student Name : Fagr Abd El Sayed Ismail Younes

Scientific Degree : M.Sc.

Department : Chemistry

Name of Faculty : Faculty of Women of Arts,
Science and Education

University : Ain Shams University.

B.Sc. Graduation Year : 1984

M.Sc. Graduation Year : 1992

Ph.D. Graduation Year : 2001

Acknowledgement

The author wishes to refer her deep appreciation and gratitude to Prof. Dr. S. M. Abdel Wahhab, Prof. Dr. B. M. Awad and Prof. Dr. N. R. Guirguis, Professors of Organic Chemistry Department, Faculty of Women for Arts, Science and Education, Ain Shams University for suggesting the problem interpreting the results and for their valuable guidance.

She also wishes to express her greatly indebted and her sincere appreciation to Dr. Shadia Mahmoud Abdalla Assistant Professor of Organic Chemistry for her continuous valuable guidance and for her help.

She also wishes to express her thanks to Dr. H.A. Saad lecturer Organic Chemistry for her help and interest in the work.

She also wishes to express her thanks to Prof. Dr. E. El-Sawi, Head of Chemistry Department for her encouragement and facilities at her disposal.

