



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Ain Shams University Information Network  
جامعة عين شمس

شبكة المعلومات الجامعية

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

## قسم

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



## 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 نم ترد بالاصل



641,1 <sup>2904</sup>

# Production and Characterization of $\alpha$ and $\beta$ -Galactosidase Enzymes and their Applications in Foods

By

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*M.Sc*

Nutrition and Food Science Department  
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Thesis

Submitted in Partial Fulfillment of the Requirements for  
the Degree

of

Doctor of Philosophy

in

Nutrition and Food Science Department  
Faculty of Home Economics  
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2005





Faculty of Home Economics  
Department of Nutrition and Food Science

## APPROVAL SHEET

**The Researcher:** Heba Ezz El Din Youssef Mohamed

**Title of Thesis:** Production and characterization of  $\alpha$  and  $\beta$ -galactosidase enzymes and their applications in foods.

**Degree:** Doctor of philosophy in Home Economics (Nutrition and Food Science)

**This thesis supervised by:**

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Committee in Charge

Date: / / 2003





Faculty of Home Economics  
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Date: / / 2003



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

رَبِّ أَوْزَعْنِي أَنْ أَشْكُرَ نِعْمَتَكَ الَّتِي أَنْعَمْتَ عَلَيَّ وَعَلَى وَالِدِيَّ  
وَأَنْ أَعْمَلَ صَالِحاً تَرْضَاهُ وَأَدْخِلْنِي بِرَحْمَتِكَ فِي عِبَادِكَ الصَّالِحِينَ

صدق الله العظيم  
سورة النمل . الآية ١٩

فَلِلَّهِ الْحَمْدُ رَبِّ السَّمَاوَاتِ وَرَبِّ الْأَرْضِ رَبِّ الْعَالَمِينَ

صدق الله العظيم  
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