



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



MONA MAGHRABY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس التوثيق الإلكتروني والميكروفيلم

قسم

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



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



MONA MAGHRABY



Verification of the Feed Safety Used Locally in Fish Aquaculture farms

Thesis

**Submitted in partial fulfillment of the requirement
of the degree of Ph.D. in Microbiology**

(Microbiology)

By

Afaf Abdulla Mohamed Sawei

(B.Sc. Microbiology, 2000)

(M.Sc. Microbiology, 2006)

DEPARTMENT OF MICROBIOLOGY

FACULTY OF SCIENCE

AIN SHAMS UNIVERSITY

2020



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Supervised by

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Department of Microbiology

Faculty of Science

Ain Shams University

(2020)

I certify that the thesis titled “**Verification of
the Feed Safety Used Locally in Fish
Aquaculture farms**”

is my own work. The work has not been
presented elsewhere for assessment. Where
material has been used from other sources it
has been properly
acknowledged / referred.

Signed

Afaf sawei





بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَقَدْ نَزَّلْنَا
الْحِكْمَ عَلَى
عُلَمَاءِ

صَدَقَ اللَّهُ الْعَظِيمُ



سورة طه - الآية (١١٤)

Dedication

This thesis is dedicated with love to my family:

Father, Mother, sisters my brothers, and to my

Husband for their tired for me.

*Continuous support, encouragement from
the start of study.*

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