



Cairo University
Faculty of Veterinary Medicine
Department of Biochemistry and Chemistry of Nutrition

Comparison Between Biochemical Effects of Some Natural and Artificial Food Additives

Thesis presented by
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(Bachelor of applied medical science 2006)

For Master Degree of M.V. SC
Biochemistry and Chemistry of Nutrition

Under supervision of

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
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الآية (٣٢) سورة البقرة



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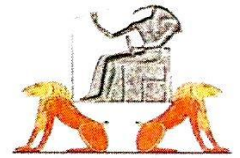
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Approval sheet

This is to approve that dissertation presented by **Yomn hany elkelany** to
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artificial food additives.**

For the M.V. Sc. In veterinary medical sciences (biochemistry and chemistry of
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DEDICATION

This thesis is dedicated to..

The sake of Allah, my creator and my master,

***My great teacher and messenger, Mohamed (May Allah
bless and grant him),***

***My great parents, who has been a constant source of
support and encouragement during the challenges,***

***My dearest husband, who I am truly grateful for having in
my life,***

***My beloved brothers and sister; particularly my dearest
sister, Rahma,***

Who stands by me when things look bleak,

***My adorable kids: Youssef, and delara, my reason for
success,***

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ABSTRACT

This study aimed to investigate the biochemical and molecular changes associated with the exposure of rats to either natural or synthetic food colorants.

Key Words: Chemical effect - Biochemical impact - Food.

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