بسم الله الرحمن الرحيم

شبكة المعلومـــــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

﴿ قـــسـم ﴾

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية 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 %

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

ELECTROCHEMISTRY OF REDOX ACTIVE DRUGS AND ITS APPLICATION TO HPLC DETERMINATION IN PHARMACEUTICAL ANALYSIS

THESIS PRESENTED

BY

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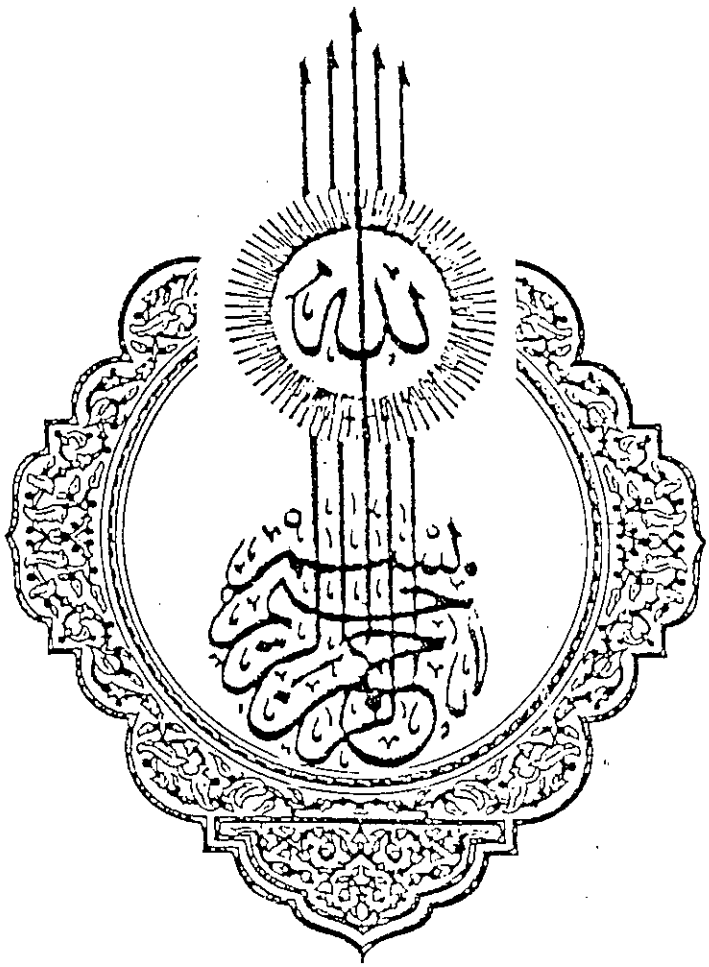

ذلك فضل الله يؤتيه من يشاء والله ذو الفضل العظيم

صدق الله العظيم

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TO MY PARENTS

ABBREVIATIONS

A	Amper
BRB	Britton Robinson buffer
CE	Counter electrode
CPE	Controlled potential electrolysis
CV	Cyclic Voltammetry
E	Peak potential
ECD	Electrochemical detector
E½	Half peak potential
F	Faraday's constant (96500)
GCE	Glassy carbon electrode
h	Hour
i	Current
iRs	Ohm's potential drop
I.S.	Internal standard
m	Number of protons
n	Number of electrons
OTTLE	Optically transparent thin layer electrode
pzc	Point of zero charge
Q	Number of coulombs
r.d.s	Rate determining step
R/Ro	Relative reflectivity
AR/Ro	Change in reflectivity
RE	Reference electrode
SCE	Saturated calomel electrode
t	Time
uA	Microamper
V	Scan rate
WE	Working electrode
θ	Surface coverage

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