

PHYSICOCHEMICAL INVESTIGATIONS OF SOME AMINO CONTAINING DRUGS.

THESIS

**Presented for the fulfilment of the degree of
Ph. D. In Pharmaceutical Sciences
(Analytical Chemistry)**

BY

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2009**

TO THE SOUL OF MY FATHER

Acknowledgement

I would like to express my deepest gratitude and sincere appreciation to **Prof. Dr Laila El-Sayed Abd El-Fattah**, Professor of Analytical Chemistry, Faculty of Pharmacy Cairo University, for the extensive effort, time and energy invested in supervising my work, despite of her many occupations. Her vast experience, valuable advice and continuous support played an essential role in the accomplishment of this work.. It's an honor to work under her supervision and guidance.

My grateful appreciation to. **Prof. Dr. Amira Mabrouk El-Kosasy**, Professor and Head of Analytical Chemistry Department, Faculty of Pharmacy ,Ain Shams University, for suggesting the point and the beneficial discussions , helpful suggestions and constant support she offered me.

I wish to express my deep respect and appreciation to **Dr. Omar Abdel Aziz Ghonim**, Lecturer of Analytical Chemistry, Faculty of Pharmacy, Ain Shams University, for his faithful support and keen interest. His kind heart and continuous encouragement gave me a great push forward.

My sincere thanks to my **mother** for standing by me in every step of the way and for her prayers, encouragement and understanding. I wish also to express my gratefulness and appreciation to my **husband** for his patience, understanding, continuous encouragement, effective support and for pushing aside all the obstacles that faced me.

I am greatly indebted to **Prof. Dr. Nabawia El-Guindi**, Prof. of Analytical and Inorganic Chem., National Organization for Drug Control and Research, for her kind guidance and sincere help.

I wish also to express my thanks to **Dr. Ahmad Ashour**, Lecturer of Analytical Chem., Misr International University ,for his unfailing assistance and beneficial discussions.

Special thanks to **Dr. Hanna Karam**, Lecturer of Analytical Chem., National Organization for Drug Control and Research and to **Dr. Mariane Nebsin**, Lecturer of Analytical Chem., Cairo University for their constant help and sound advice.

Finally, I would also like to thank my colleagues and the personnel in Analytical Chemistry Department, Ain Shams University, especially my dearest friend **Nancy Magdy**, Assist. Lecturer of Anal. Chem., for her true friendship and her unfailing support.

Miriam Farid Ayad

NOTE

Besides the work carried out in this thesis, the candidate has attended and successfully passed the postgraduate courses examination with the grades mentioned as follows:

<u>Subject</u>	<u>Grade</u>
❖ Electrochemistry	Excellent
❖ Chromatography	Excellent
❖ Spectroscopy	Very Good
❖ Drug Design	Excellent
❖ Drug stability	Very Good
❖ Physical Chemistry	Excellent

List of Abbreviations

Abs	Absorbance
ΔA	Absorbance difference
$\Delta \lambda$	Wavelength difference
mg	Milligram
min.	Minute
mM	Millimolar concentration
M	Molar concentration
μg	Microgram
μl	Microlitre
n	Number of samples
nm	Nanometer
Rf	Retention factor
RSD	Relative standard deviation
UV	Ultraviolet
Vis	Visible
v/v	Volume per volume(by volume)
λ	Wavelength
β	Beta
CD	Cyclodextrin
HP	Hydroxypropyl
PZA	Pyrazinamide
Quin.	Quinapril Hydrochloride
HNMR	Proton nuclear magnetic resonance
NIR	Near infrared
HPLC.	High performance liquid chromatography
HPTLC	High performance thin layer chromatography
CZE	Capillary zone electrophoresis
MEKC	Micellar electrokinetic chromatography

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