PHYSICOCHEMICAL INVESTIGATIONS OF SOME AMINO CONTAINING DRUGS.

THESIS

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(Analytical Chemistry)

BY

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TO THE SOUL OF MY FATHER

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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:

Subject	***Grade***
❖ 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
Δλ	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 resoonance
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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