

Sudan University of Science and Technology

College of Graduate Studies

**Development and Validation of Isocratic High Performance
Liquid Chromatography Methods for Simultaneous
Determination of Antihypertensive Combination Drugs**

**تطوير وتحقيق طرق كروماتوغرافيا السائل عالية الضغط احادية مذيب الازاحة لتقدير
مخلوط مضادات ادوية ضغط الدم آنياً**

**A thesis submitted in fulfillment for the requirements of the
degree of Doctor of Philosophy in Chemistry**

By

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The text is enclosed in a pair of large, light green, rounded brackets that frame the content on both sides.

Chapter One

*Introduction
and Literature Review*

Chapter Two

Materials and Methods

Chapter Three

Results

Chapter Four
Discussion

Appendixes

Dedication

I dedicate this work to Molana Abdusraoff

Ahmed Musa, my family, my friends and to the

candles that lighting my way through my progress,

my teachers.

Published Papers

- Babiker, Y. Abdulkhair and Mohamad, El Mukhtar (2016) Development and validation of a simple, quick and rugged isocratic HPLC-UV method for the determination of valsartan and hydrochlorothiazide in their combined Pharmaceutical formulations; International Journal of Innovative Science, Engineering and Technology; 3(6).
- Babiker, Y. Abdulkhair and Mohamad, El Mukhtar (2016) Development and validation of a simple isocratic HPLCUV method for simultaneous determination of amlodipine besylate and losartan potassium in their combined tablet dosage forms; International Journal of Innovative Science, Engineering and Technology; 3(7).