



**Sudan University of Science and Technology**  
**College of Graduate Studies**

**Assessment of Plasma Zinc and Copper Levels  
Among Sudanese HIV Patients in Khartoum State**

الرسالة التي تقدّمها هذه المقدمة هي رسالة علمية تقدّمها طالب لجامعة

الرسالة

A thesis submitted for partial fulfillment of M.Sc. degree in medical laboratory science (clinical chemistry).

**Prepared by**

**Mohamed Abd Elmonem Abd Elatif Mohamed**

*B.Sc. In Medical Laboratories Sciences (2008)*

*Al zaiem Al azhari University*

**Supervisor**

**Dr. Nassr Eldin M.A Shrif**

*Bsc. Msc.PhD in Clinical Chemistry*

2013

# **CHAPTER ONE**

## **Introduction & Literature**

## **Review**

## **Rationale & Objectives**

# **CHAPTER TWO**

## **Materials and methods**

# **CHAPTER**

# **THREE**

## **Results**

# **CHAPTER FOUR**

## **Discussion**

# **CHAPTER FIVE**

## **References & Appendixes**