SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE OF GRADUATE STUDIES

Characterization, Fractionation and Functional applications of the Gum from $Acacia\ oerfota$

التوصيف والتجزئة والتطبيقات الوظيفيه لصمغ اللعوت

A Thesis Submitted in Fulfillment of the Requirements of a PhD Degree in Chemistry

By

Mustafa Elobied Ahmed

B.Sc, PGD, M Sc (Chemistry)

Supervisor

Prof. Mohammed Elmubark Osman, College of Science, Sudan University of Science and Technology

Co - supervisor

Dr. Elfatih Ahmed Hassan, College of Science, Sudan University of Science and Technology

Chapter One

General Introduction and

Literature Review

Chapter two

Materials and Methods

Chapter Three Results and Discussion