



**Sudan University for Science & Technology**  
**College of Graduate Studies**



## **GC-MS studies on Petroselinum crispum Essential Oil and Assessment of Antimicrobial Activity**

**دراسة الزيت الطيار لبذور نبات البقدونس باستخدام كروماتوغرافيا الغاز ومطياف الكتلة وقياس النشاط تجاه الأحياء الدقيقة**

A Thesis Submitted in Partial Fulfillment of the Requirements of the  
M.Sc. Degree in Chemistry

**By:**

**Yasir Alwaleed Alawad Mustafa**

**B.Sc. Honours in (Chemistry)**

**Supervisor:**

**Prof. Mohamed Abdel Karim Mohamed**

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Thesis title: G.C-TLS Studies on Petroselinum Crispum  
Essential Oil and Assessment of Antimicrobial Activity

دراسة الزيت العطري للنبات Petroselinum Crispum  
القار وخصائصه الكيميائية والتقييم  
البيولوجي له

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