

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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

**Physical and Thermo-chemical Characterization of Oil, Biodiesel and  
Biodiesel Blends Derived from *Sterculia Setigera* seeds**

توصيف الخصائص الفيزيائية والكيموحرارية للزيت و الوقود الحيوي ومزيج الوقود الحيوي المشتق من  
بذور شجرة الترتر

**A Thesis Submitted in Fulfilment of the requirements for the degree of  
Ph.D. in Chemistry**

**By**

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