



بسم الله الرحمن الرحيم



SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY

College of Graduate Studies

**Synthesis and Characterization of Tetraethylorthosilicate
Using Copper Oxide Supported on Alumina Catalyst**

تخليق و تشخيص رباعي أورثوسليكات الصوديوم باستخدام حفاز أكسيد النحاس
المدعم بالألومينا

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