



Sudan University of Science and Technology
College of Graduate Studies

**Optimization of Reaction Conditions for Preparing
Carboxymethyl Cellulose from Doum palm (*Hyphaene thebaica*)
leaves**

أمثلة ظروف التفاعل لتحضير كربوكسي ميثيل السليلوز من أوراق الدوم

A Dissertation Submitted in Partial Fulfillment of the Requirements of the
Master Degree in Chemistry

By

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