

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

**The Growth of *Bifidobacterium longum* BB536  
and physiochemical changes during  
fermentation of different fresh milk**

**نمو البكتيريا الصديقة *B.longum* BB536 والتغيرات  
الفيزيوكيميائية أثناء تخمير انواع مختلفة من الالبان  
المطازجة**

**A thesis submitted to Sudan University of  
Science and Technology in partial fulfillment of  
the requirements of the degree of Master of  
Science in Food Science and Technology**

**By:**

**Mogtaba Ibrahim Ismail Elfaki**

**B.sc of Science (Honors) in (Food Science  
&Technology)**

**Supervisor:**

**Assistant Professor Barka Mohammed Kabier**

**November 2013**