



**BIOCONVERSION OF SWEET SORGHUM JUICE FOR  
PRODUCTION OF POLYHYDROXYALKANOATE**

**MR. VARAVUT TANAMOO**

**A THESIS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY  
KHON KAEN UNIVERSITY**

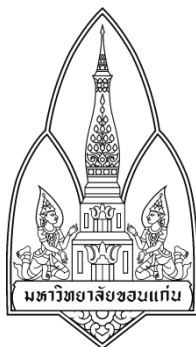
**2012**

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PRODUCTION OF POLYHYDROXYALKANOATE**

**MR. VARAVUT TANAMOOL**

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE DEGREE OF DOCTOR OF  
PHILOSOPHY IN BIOTECHNOLOGY  
GRADUATE SCHOOL KHON KAEN UNIVERSITY**

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**THESIS APPROVAL  
KHON KAEN UNIVERSITY  
FOR  
DOCTOR OF PHILOSOPHY  
IN BIOTECHNOLOGY**

**Thesis Title:** Bioconversion of sweet sorghum juice for production of polyhydroxyalkanoate

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