

# ISOLATION AND CHARACTERIZATION OF THERMOTOLERANT YEAST CAPABLE OF PRODUCING BIOETHANOL FROM JERUSALEM ARTICHOKE JUICE

### MISS KANLAYANI CHAROENSOPHARAT

A THESIS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
KHON KAEN UNIVERSITY
2014

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MISS KANLAYANI CHAROENSOPHARAT

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
IN BIOTECHNOLOGY
GRADUATE SCHOOL KHON KAEN UNIVERSITY
2014



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

**Thesis Title:** Isolation and Characterization of Thermotolerant Yeast Capable of

Producing Bioethanol from Jerusalem Artichoke Juice

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