

**FACTORS EFFECTING VIABILITY OF PROBIOTIC BACTERIA IN  
SOYMILK YOGURT DURING STORAGE**

**HIRUNWIT SAIYOT**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE IN FOOD SCIENCE  
AND TECHNOLOGY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่  
Copyright© by Chiang Mai University  
All rights reserved

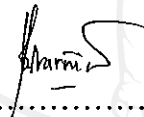
**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
JANUARY 2007**

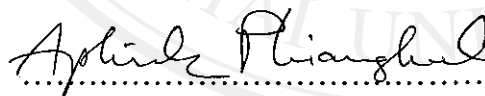
FACTORS EFFECTING VIABILITY OF PROBIOTIC BACTERIA  
IN SOYMILK YOGURT DURING STORAGE


HIRUNWIT SAIYOT

THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF SCIENCE  
IN FOOD SCIENCE AND TECHNOLOGY

EXAMINING COMMITTEE

  
.....CHAIRPERSON  
Dr. Tri Indrarini Wirjantoro

  
.....MEMBER  
Asst. Prof. Dr. Aphirak Phianmongkhol

  
.....MEMBER  
Dr. Thararat Chitov

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่  
Copyright © by Chiang Mai University  
All rights reserved

26 January 2007

© Copyright by Chiang Mai University

### ACKNOWLEDGEMENT

I am gratefully to Dr. Tri Indrarini Wirjantoro, my thesis advisor, for her suggestion and teaching during my study.

I am gratefully acknowledged Asst. Prof. Dr. Aphirak Phianmongkhol and Dr. Thararat Chitov for their good advices and suggestion on my reseach work.

I thank you for the staff in the Department of Food Science and Technology, Faculty of Agro-Industry, ChiangMai University, who supported me with equipment for my research study.

Especially, I do thank you for graduate students of the Department of Food Science and Technology, Faculty of Agro-Industry, ChiangMai University, particularly Pee Kung, Pee Nong and Pee Jim for their good training and suggestion for me.

I acknowledged the funding from National Research Council of Thailand that supported the financial cost of this study.

Finally, I also thank you my family, who always help me during my study.

ลิขสิทธิ์ © by Chiang Mai University

All rights reserved

Hirunwit Saiyot