

**OPTIMIZATION OF ENZYMATIC EXTRACTION CONDITION OF BLACK  
GLUTINOUS RICE MILK FOR FERMENTED RICE PRODUCT**

**PORNRAWIN CHAIKHAM**

**MASTER OF SCIENCE  
IN FOOD SCIENCE AND TECHNOLOGY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**OCTOBER 2012**

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**PORNRAWIN CHAIKHAM**

**AN INDEPENDENT STUDY SUBMITTED TO GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN FOOD SCIENCE AND TECHNOLOGY**

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**THIS INDEPENDENT STUDY HAS BEEN APPROVED  
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24 October 2012

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Pornrawin Chaikham