

ANTIOXIDATIVE PROPERTIES AND ISOFLAVONE

BIOTRANSFORMATION OF SOYBEAN

FERMENTED WITH *ASPERGILLUS* SPP.

CHIRTCHAI PUNJASEE

DOCTOR OF PHILOSOPHY

IN PHARMACY

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

MARCH 2010

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BIOTRANSFORMATION OF SOYBEAN
FERMENTED WITH *ASPERGILLUS* SPP.**

CHIRTCHAI PUNJASEE

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN PHARMACY**

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THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
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12 March 2010

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