

**DESIGN AND PREPARATION OF SYNTHETIC HYDROGELS
FOR BIOMEDICAL USE AS WOUND DRESSINGS**

CHINANAT WITTHAYAPRAPAKORN

**DOCTOR OF PHILOSOPHY
IN CHEMISTRY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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THE GRADUATE SCHOOL

CHIANG MAI UNIVERSITY

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CHINANAT WITTHAYAPRAPAKORN

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

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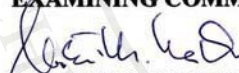
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THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
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IN CHEMISTRY

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Chinanat Witthayaprapakorn