

**TRANSFOLLICULAR DELIVERY SYSTEMS OF FATTY ACIDS  
FROM NATURAL SOURCES ENTRAPPED IN  
NANOVESICLES FOR ANTI-HAIR LOSS**

**WARINTORN RUKSIRIWANICH**

**DOCTOR OF PHILOSOPHY  
IN PHARMACY**

**THE GRADUATE SCHOOL**

**CHIANG MAI UNIVERSITY**

**MARCH 2012**

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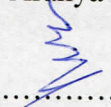
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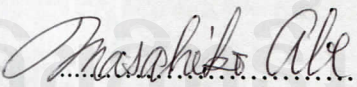
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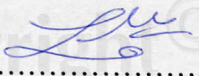
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