

#### MASTER OF SCIENCE

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GRADUATE SCHOOL CHIANG MAI UNIVERSITY MAY 2018



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WASIN SOMBOOT

A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

IN CHEMISTRY

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### THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN CHEMISTRY

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