



THESIS APPROVAL
GRADUATE SCHOOL, KASETSART UNIVERSITY

Doctor of Philosophy (Chemistry)

DEGREE

Chemistry

FIELD

Chemistry

DEPARTMENT

TITLE: Molecular Design of Nanostructured Catalysts for Industrial Reactions

NAME: Miss Supawadee Namuangruk

THIS THESIS HAS BEEN ACCEPTED BY

THESIS ADVISOR

(Professor Jumras Limtrakul, Ph.D.)

COMMITTEE MEMBER

(Associate Professor Supa Hannongbua, Dr.rer.nat.)

COMMITTEE MEMBER

(Assistant Professor Piboon Pantu, Ph.D.)

DEPARTMENT HEAD

(Assistant Professor Noojaree Prasitpan, Ph.D.)

APPROVED BY THE GRADUATE SCHOOL ON _____

DEAN

(Associate Professor Vinai Artkongharn, M.A.)