



THESIS APPROVAL
GRADUATE SCHOOL, KASSETSART UNIVERSITY

Doctor of Philosophy (Chemistry)

DEGREE

Chemistry

FIELD

Chemistry

DEPARTMENT

TITLE: Theoretical and Spectroscopic Investigation on the Conducting Polymer in
 the Class of Carbazole Derivatives

NAME: Mr. Songwut Suramitr

THIS THESIS HAS BEEN ACCEPTED BY

Supa Hannongbua

THESIS ADVISOR

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

P. Wolschann

COMMITTEE MEMBER

(Professor Peter Wolschann, Dr.rer.nat.)

Cholticha Noomhorm

COMMITTEE MEMBER

(Associate Professor Cholticha Noomhorm, Ph.D.)

Noojaree Prasitpan

DEPARTMENT HEAD

(Assistant Professor Noojaree Prasitpan, Ph.D.)

APPROVED BY THE GRADUATE SCHOOL ON 13 November 2006

Vinai Artkongharn

DEAN

(Associate Professor Vinai Artkongharn, M.A.)