



THESIS APPROVAL
GRADUATE SCHOOL, KASETSART UNIVERSITY

Master of Science (Chemistry)

DEGREE

Chemistry

FIELD

Chemistry

DEPARTMENT

TITLE: Dehydration of Ethanol/Water Mixtures by Polymeric Membrane
Pervaporation

NAME: Mr. Sarawut Pongpattananpanich

THIS THESIS HAS BEEN ACCEPTED BY

Choticha Noomhorm

THESIS ADVISOR

(Associate Professor Choticha Noomhorm, Ph.D.)

Wirunya Keawwattana

COMMITTEE MEMBER

(Assistant Professor Wirunya Keawwattana, Ph.D.)

Pinsuda Viravathana

COMMITTEE MEMBER

(Miss Pinsuda Viravathana, Ph.D.)

Noojaree Prasitpan

DEPARTMENT HEAD

(Assistant Professor Noojaree Prasitpan, Ph.D.)

APPROVED BY THE GRADUATE SCHOOL ON 5 June 2007

Vinai Artkonghan

DEAN

(Associate Professor Vinai Artkonghan, M.A.)