

**DEFLUORIDATION BY FIRED CLAY AND
ITS APPLICATION POTENTIAL**

EKARAT DETSRI

**MASTER OF SCIENCE
IN CHEMISTRY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

**Copyright © by Chiang Mai University
All rights reserved**

APRIL 2005

ISBN 974-9884-19-1

**DEFLUORIDATION BY FIRED CLAY AND
ITS APPLICATION POTENTIAL**

EKARAT DETSRI

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTER OF SCIENCE
IN CHEMISTRY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved
GRADUATE SCHOOL
CHIANG MAI UNIVERSITY

APRIL 2005

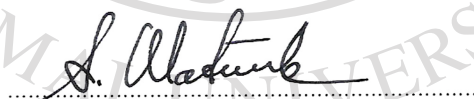
ISBN 974-9884-19-1

**DEFLUORIDATION BY FIRED CLAY AND
ITS APPLICATION POTENTIAL**

EKARAT DETSRI

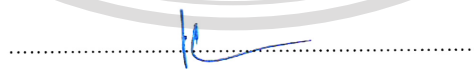
THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE
IN CHEMISTRY

EXAMINING COMMITTEE



CHAIRPERSON

Associate Professor Dr. Surasak Watanesk



MEMBER

Associate Professor Dr. Ruangsri Watanesk



MEMBER

Dr. Monton Kongpun, D.D.S.

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved

30 April 2005

© Copyright by Chiang Mai University

ACKNOWLEDGEMENTS

I would like to express my sincere thanks to all who have helped me in any way throughout this thesis. I am especially grateful to my advisor, Assoc. Prof. Dr. Surasak Watanesk for his kindness, untiring, constant guidance and encouragement throughout the course of my study.

I would like to thank Assoc. Prof. Dr. Ruangsri Watanesk and Dr. Monton Kongpun for their helpful discussion during the thesis examination.

I gratefully acknowledge the Department of Chemistry, Faculty of Science, Chiang Mai University for providing facilities throughout the research work and the Postgraduate Education and Research Program in Chemistry (PERCH) for providing the graduate scholarship grant which enable this work to be carried out.

Thank also go to my colleagues and whose names are not listed who gave the comments, support and encouragement.

Finally, I would like to greatly thank and express my appreciation to my parents for helping me develop spiritual growth, inspiration, understanding and support.