

TABLE OF CONTENTS

PAGE OF TITLE	i
COVER PAGE	ii
APPROVAL UNDERGRADUATE THESIS	iii
PERNYATAAN BEBAS PLAGIASI.....	iv
ACKNOWLEDGEMENTS	v
PREFACE	vi
TABLE OF CONTENTS.....	viii
LIST OF FIGURES.....	x
LIST OF TABLES	xi
LIST OF APPENDIXS	xii
LIST OF ABBREVIATIONS	xiii
ABSTRACT	xiv
ABSTRAK	xv
CHAPTER I	1
INTRODUCTION.....	1
A. Research Background.....	1
B. Research Problems	3
C. Research Objectives	4
D. Research Advantages	4
CHAPTER II.....	5
LITERATURE STUDY	5
A. Literature Review.....	5
B. Theoretical Framework	13
C. Conceptual Framework.....	15

D. Hypothesis.....	15
CHAPTER III.....	16
RESEARCH METHODOLOGY.....	16
A. Experimental Design.....	16
B. Identification of Variables.....	16
C. Operational Definition of Variables.....	16
D. Materials.....	16
E. Instruments.....	17
F. Methods.....	17
G. Data Analysis.....	19
CHAPTER IV.....	20
RESULTS AND DISCUSSION.....	20
A. Preparation of Reference Standards and Sample.....	20
B. HPLC Analysis of <i>Andrographis paniculata</i> Herb.....	21
C. FTIR Spectra and Multivariate Analysis.....	24
CHAPTER V.....	30
CONCLUSIONS AND SUGGESTIONS.....	30
A. Conclusions.....	30
B. Suggestions.....	30
REFERENCES.....	31
APPENDIXS.....	35