



TABLE OF CONTENTS

TITLE.....	i
AUTHENTICITY STATEMENT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENTS	vi
LIST OF TABLES	viii
ABSTRACT	ix
1 CHAPTER I INTRODUCTION.....	1
1.1 Background.....	1
1.2 Problem Statements	4
1.3 Objectives	4
1.4 Significance of study	4
2 CHAPTER II LITERATUR REVIEW.....	5
2.1 Edible Flowers	5
2.2 Antioxidant activity	12
2.3 Anti-inflammatory	16
2.4 Antimicrobial.....	19
2.5 Anticancer.....	19
2.6 Neuroprotective	20
2.7 Antidiabetic.....	22
2.8 Uricosuric agent.....	23
2.9 Anti-hemolytic.....	25
3 CHAPTER III METHODS.....	27
3.1 Data Sources	27
3.2 Inclusion and Exclusion Criteria	27
3.2.1 Inclusion Criteria	27



3.2.2	Exclusion Criteria.....	28
4	CHAPTER IV RESULT AND DISCUSSION.....	29
4.1	Antioxidant Compound of Edible Flowers.....	29
4.2	Functional Properties of Edible Flowers	30
4.2.1	Antioxidant.....	30
4.2.2	Anti-inflammatory.....	31
4.2.3	Antimicrobial.....	32
4.2.4	Anticancer.....	33
4.2.5	Neuroprotective agent	34
4.2.6	Antidiabetic	35
4.2.7	Uricosuric agent.....	36
4.2.8	Anti-hemolytic.....	37
5	CHAPTER V CONCLUSIONS	39
	REFERENCES.....	40



LIST OF TABLES

Table 1. The variant of edible flowers	7
Table 2. Antioxidant compounds of several edible flowers.....	12
Table 3. Total phenolic contents, antioxidant results and health benefits reported for edible flowers	17