

**TABLE OF CONTENTS**

	Page
COVER TITLE PAGE .....	i
FRONT COVER .....	ii
APPROVAL SHEET .....	iii
PREFACE .....	iv
TABLE OF CONTENTS .....	v
LIST OF SYMBOLS AND ABBREVIATIONS .....	vii
LIST OF TABLES .....	viii
LIST OF FIGURES .....	ix
LIST OF ATTACHMENTS .....	x
INTISARI .....	xi
ABSTRACT .....	xii
CHAPTER I: INTRODUCTION .....	1
A. Scientific Background .....	1
B. Research Problems .....	2
C. Research Objectives .....	3
D. Research Benefits .....	3
CHAPTER II: LITERATURE REVIEW AND HYPOTHESIS .....	4
A. Literature Review .....	4
1. <i>Salmonella</i> spp. and Its Properties .....	4
2. Curing as a Food Preservation Method .....	6
3. Mechanism of Antimicrobial Resistance .....	7
B. Hypothesis .....	9
CHAPTER III: RESEARCH METHODS .....	10
A. Materials and Equipment .....	10
B. Methods .....	10
1. Preparation of cured beef samples .....	10
2. Identification of <i>Salmonella</i> spp. in cured beef samples on SS agar .....	10
3. Enumeration of <i>Salmonella</i> spp. .....	11
4. Antimicrobial susceptibility test .....	11
C. Data Analysis .....	12
CHAPTER IV: RESULTS AND DISCUSSION .....	13



A. Confirmation and Enumeration of Overall Bacteria Presence

within Cured Beef Samples .....	13
B. Antimicrobial Susceptibility Test of Bacteria Isolated from Cured Beef Samples .....	18
CHAPTER V: CONCLUSION AND RECOMMENDATIONS .....	22
A. Conclusion .....	22
B. Suggestion .....	22
BIBLIOGRAPHY .....	23
ATTACHMENTS .....	27