



Table of Contents

RATIFICATION PAGE.....	2
PLAGIARISM FREE STATEMENT.....	3
ACKNOWLEDGEMENT.....	4
Table of Contents.....	5
List of Tables	6
List of Figures.....	6
ABSTRACT	7
INTISARI.....	8
CHAPTER I.....	9
INTRODUCTION	9
A. Background	9
B. Problem Formulation.....	11
C. Research Authenticity.....	11
D. Research Aim.....	13
E. Research Benefit.....	13
CHAPTER II	14
LITERATURE REVIEW	14
A. Bibliography Review	14
B. Theoretical Framework.....	29
C. Conceptual Framework.....	32
D. Hypothesis.....	32
CHAPTER III.....	33
RESEARCH METHODOLOGY.....	33
A. Research Design.....	33
B. Time and Study Settings	33
C. Experimental Subject.....	33
D. Equipment and Materials	34
E. Research Procedures.....	35
F. Variables	40
G. Operational Definition	40
H. Data Analysis	44
CHAPTER IV.....	45
RESULT & DISCUSSION	45
A. Result	45



B. Discussion	49
CHAPTER V	54
CONCLUSION & RECOMMENDATION	54
A. Conclusion	54
B. Recommendation.....	54
REFERENCES	55

List of Tables

Table 1. Review of Research Authenticity.....	7
Table 2. Histologic Grading Scale	37

List of Figures

Figure 1. Phases of Normal Wound Healing Process (Przekora, 2020)	13
Figure 2. Application and Biological Uses or Properties of Carrageenan-Based Formulations (Neamtu et al., 2022).....	18
Figure 3. Theoretical Framework	26
Figure 4. Conceptual Framework	27
Figure 5. Mean of inflammation score of histopathological examination	40
Figure 6. Representative image of histopathological examination.....	41
Figure 7. Mean of MMP-9/GAPH mRNA ratio.....	42
Figure 8. Representative image of result of electrophoresis from PCR product...	42