MOIST NATURAL LIPSTICK BASED ON VIRGIN COCONUT OIL (VCO)

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ABSTRACT

Virgin coconut oil (VCO), is pure oil extracted from fresh coconut meat by mechanical or natural means, with or without using heat. This research involved the formulation of natural lipstick by using Virgin coconut oil, refined coconut oil, cocoa butter, beeswax, vitamin E, vanilla essence, color pigment and hydrogenated palm oil. The physical properties of lipstick were studied prior the consumer acceptance test. In addition several tests were performed to establish the stability of formulated lipstick. They were the breaking load test, sensorial test and stability test. The formulation of the lipstick was carried out by using Design Expert 6.0.8 software. In this software Response Surface Method (RSM) was chosen to study on the percentage of the main factors of virgin coconut oil, beeswax and hydrogenated palm oil. A Box-Behnken design in Response Surface Method (RSM) was employed to study the effect of different formulation of lipstick. The formulation consists of natural ingredients was a physically stable cosmetic lipstick. The composition of optimal product was 5.0% of VCO, 10.0% of hydrogenated palm oil and 41.27% beeswax.
ABSTRAK

## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECLARATION</td>
<td></td>
<td>i</td>
</tr>
<tr>
<td>DEDICATION</td>
<td></td>
<td>iii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENTS</td>
<td></td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td></td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td></td>
<td>vi</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td></td>
<td>xi</td>
</tr>
</tbody>
</table>

1  **INTRODUCTION**

1.1 Research Background  1  
1.2 Problem Statement  3  
1.3 Objective  4  
1.4 Scope of the Study  5  

2  **LITERATURE REVIEW**

2.1 Introduction  6  
2.2 Overview of Lip Structure

2.2.1 The Epidermis

2.2.2 The Dermis

2.2.3 Subcutaneous Tissue

2.3 Formulation of Lipstick

2.3.1 Base Ingredients

2.3.1.1 Beeswax

2.3.1.2 Virgin Coconut Oil

2.3.1.3 Hydrogenated Palm Oil

2.3.2 Active Ingredients

2.3.2.1 Vitamin E

3 METHODOLOGY

3.1 Introduction

3.2 Preliminary Phase

3.2.1 Determination of the Range of Factor

3.2.2 Design of Experiments (DOE)

3.3 Sample Preparation

3.3.1 Material and Equipment

3.3.2 Experiment Procedure

3.4 Characterization of Lipstick Properties

3.4.1 Melting Point Measurement

3.4.2 Breaking Load Test

3.4.3 Stability Test

3.4.4 Sensorial Test

3.5 Optimization

3.6 Verification

4 RESULT AND DISCUSSION
| 4.1 | Introduction  | 26 |
| 4.2 | Preliminary Phase | 27 |
| 4.2.1 | Determination of the Range of Factors | 27 |
| 4.2.2 | Design of Experiments (DOE) | 28 |
| 4.3 | Process Analysis | 31 |
| 4.3.1 | Model Development | 31 |
| 4.3.2 | Analysis of Melting Point of the Samples | 35 |
| 4.3.3 | Analysis of Breaking Load Point of the Samples | 41 |
| 4.3.4 | Analysis of Sensory Score of the Samples | 47 |
| 4.3.5 | Response Surface Analysis | 52 |
| 4.3.6 | Analysis of Stability Test | 53 |
| 4.4 | Optimization | 55 |
| 4.4.1 | Numerical Optimization Formulation of Lipstick | 55 |

### 5 CONCLUSION AND RECOMMENDATIONS

| 5.1 | Conclusion | 56 |
| 5.2 | Recommendation | 57 |

REFERENCES 59

APPENDIXES 63
REFERENCES


