

UNIVERSITI TEKNOLOGI MARA

FORMULATION AND EVALUATION OF MANGO BUTTER LIPSTICK

NUR IFFAH IWANI BT GHAZALI

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ABSTRACT

Women have been applying lipstick for ages and the lipstick usage among women has kept increasing in demand. Lipstick is used to enhance the beauty of women's lips. Lipstick formulations are made up of waxes, oils and pigment. The proportion and type of ingredient used in the formulation can affect the lipstick quality. The main aim of this study is to formulate and evaluate mango butter lipstick. Mango (*Mangifera indica*) is one of the major tropical crop. The food industry will use its flesh and discard tonnes of its peel and seed. Mango butter can be obtained from the kernel of the fruit itself. The incorporated Mango butter is into the lipstick formulations is to give hardness properties of the lipstick. The advantages of mango butter are rich with various vitamins such as vitamin A and C, can act as emollient layer and can protect skin from UV damage.

CHAPTER 1

INTRODUCTION

1.1 Background

Coloring lips are an ancient practice since prehistoric period. In the present days, vast choices of lipstick available in the market due to increase in demand. This can be observed from the fact that lipsticks are marketed in hundreds of choices to satisfy the demand of the women (Aher et al., 2012).

Lipstick is a cosmetic product that contains pigment, oils, waxes and emollient that apply colour, texture and protection to the user's lips. The function of wax in the lipstick formulation is to give a solid structure to the lipstick. Petroleum derived waxes such as ozokerite, paraffin and microcrystalline petroleum based waxes are commonly used as they provide a robust stick structure and relatively inexpensive material (Bachert et al., 2010). As lipstick is sometime might be unintentionally consumed by the user, hence the ingredient used for its formulation must be regulated so it will not give harm to the user (Aher et al., 2012).

As reported by Paul Woelbing in 2013, lip care is an important component of a beauty regimen, and consumer requires a product that they can rely on to protect their