

LIP GLOSS WITH CHANGEABLE COLOURS

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A vocado plant grows to a height between 4 to 8 m. Its branches splayed out in a pyramid with many single, smooth-edge leaves. The flowers of the avocado tree are small, green and highly scented, and bud in clusters. The avocado oil is composed of palmitic acid, oleic acid, linoleic acid and linolenic acid. It has healing properties, nourishes and protects dry skin.

The avocado oil is commercially available and commonly used as cosmetic ingredient. It is formulated into a lip gloss with changeable colours as a specialty to create a niche market. The lip gloss with changeable colours (*Figure 1*) formulation is based on premixed palm-based lip gloss containing 68% palm-based materials.

PERFORMANCE

The performance or the physical properties of the lip glosses with changeable colours coded



Figure 1. Lip gloss with changeable colours.

as LGCC3B and LGCC5B were evaluated and compared with commercial sample (COM) as shown in *Table 1*. The result showed that the slip melting point was higher, while the softening point was lower compared to commercial

TABLE 1. PHYSICAL PROPERTIES OF LIP GLOSS WITH CHANGEABLE COLOUR

Evaluation (Properties)	LGCC3B	LGCC5B	COM
Softening point (°C)	58.0	57.8	63
Slip melting point (°C)	63.0	63.8	59.7
Heat test (stick drop or distort)	>24 hr	>24 hr	45 min
Hardness test (mm)	5.1	7.1	5.0
Humidity test	nb	nsb	nsb

Note: *nsb = no sweating and bleeding.

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sample COM. Overall, the heat test result indicated that the formulated lip glosses took longer time to distort when compared to commercial sample. The result of hardness test indicated that the bulk of the LGCC3B is comparable, while the bulk of LGCC5B was found to be softer than the commercial sample. Both lip glosses were found free from sweating and bleeding after three months storage.

UNIQUE CHARACTERISTICS OF LIP GLOSS WITH CHANGEABLE COLOUR

- a) Contains 68 % of palm-based materials.
- b) Enriched with avocado oil rich in vitamins A and B, amino acids and antibiotic substances to nourish and protects dry skin.
- c) Produced a good quality lipstick and colour payoff (coverage power).

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