

# **FORMULASI DAN EVALUASI SEDIAAN *EYESHADOW CREAM* EKSTRAK ETANOL KULIT BUAH JAGUNG (*Zea mays L*) DENGAN UJI HEDONIK**

## **ABSTRAK**

Kulit buah jagung (*Zea mays L*) merupakan limbah pertanian yang berpotensi sebagai pewarna alami karena mengandung senyawa flavonoid dan fenolik. Penelitian ini bertujuan untuk memformulasikan ekstrak etanol kulit buah jagung dalam sediaan *eyeshadow cream* serta mengevaluasi mutu fisik dan tingkat kesukaan panelis. Ekstraksi kulit buah jagung dilakukan dengan metode maserasi menggunakan etanol 70% dan diperoleh rendemen 18,067%. Sediaan diformulasikan dengan empat konsentrasi ekstrak, yaitu 0%, 10%, 15%, dan 20%. Evaluasi meliputi uji organoleptik, homogenitas, daya sebar, iritasi, stabilitas, dan pH. Hasil menunjukkan seluruh formula memenuhi persyaratan fisik yang sesuai dengan kulit. Uji hedonik terhadap 20 panelis menunjukkan formula dengan konsentrasi 20% paling disukai.

**Kata kunci :** kulit buah jagung, *Zea mays L*, *eyeshadow cream*, pewarna alami, uji hedonik.

# **FORMULATION AND EVALUATION OF ETHANOL EXTRACT OF CORN HUSK (*Zea mays* L) EYESHADOW CREAM WITH HEDONIC TEST**

## **ABSTRACT**

Corn husk (*Zea mays* L) is an agricultural waste with potential is a natural colorant due to its flavonoid and phenolic content. This study aimed to formulate the ethanol extract of corn husk into an eyeshadow cream and evaluate its physical quality and panelist's preference. Extraction was performed using the maceration method with 70% ethanol, yielding 18,067%. The formulation consisted of four extract concentrations: 0%, 10%, 15%, and 20%. Evaluation include organoleptic test, homogeneity, spreadability, irritation test, stability test, and pH measurement. The result showed that all formulas met physical quality requirements, were homogeneous and stable, did not cause irritation, and pH values suitable for skin application. The hedonic test involving 20 panelists indicated that the 20% extract formula was the most preferred.

**Keywords :** corn husk, *Zea mays* L, eyeshadow cream, natural colorant, hedonic test.