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FORMULASI DAN UJI STABILITAS FISIK *EYE CONTOUR CREAM*
MINYAK BIJI LABU KUNING (*Cucurbita moschata D seed oil*)

(xviii + 109 halaman + 7 tabel + 8 gambar + 15 lampiran)

ABSTRAK

Latar Belakang : Minyak biji labu kuning mengandung antioksidan yang tinggi terdiri dari asam lemak tak jenuh, karotenoid, flavonoid, dan polifenolat. Minyak biji labu kuning dapat digunakan untuk mengatasi keriput, kantung mata, dan lingkaran hitam.

Tujuan : Tujuan penelitian ini untuk mengevaluasi minyak biji labu kuning yang diformulasikan sebagai *eye contour cream* dan untuk mengevaluasi sifat fisik serta stabilitas dari sediaan *eye contour cream* minyak biji labu kuning selama penyimpanan.

Metode : Penelitian ini termasuk jenis penelitian eksperimental laboratorium meliputi pembuatan formula sediaan, mengevaluasi sifat fisik dan stabilitas sediaan *eye contour cream* minyak biji labu kuning (*Cucurbita moschata D seed oil*) dan analisis data sifat fisik dan penyimpanan sediaan menggunakan SPSS versi 26.

Hasil : Hasil penelitian menunjukkan bahwa sediaan *eye contour cream* berbentuk semi padat, berwarna krem, memiliki bau lavender, dan homogen. Hasil uji sifat fisik sediaan dan stabilitas pada uji pH formula 1 dan 2 memiliki pH antara 5,12-7,20, viskositas memiliki rentang 4.724-5.504 cps, daya lekat lebih dari 1 detik dan daya sebar memiliki rentang 4,37-5,02 cm. Pengujian sentrifugasi menunjukkan krim tetap stabil dan tidak mengalami pemisahan.

Simpulan : Minyak biji labu kuning dapat diformulasikan sebagai *eye contour cream*. Formulasi sediaan *eye contour cream* minyak biji labu kuning, sifat fisik serta stabilitas selama penyimpanan memenuhi persyaratan yang ditetapkan kecuali uji daya sebar.

Kata kunci : minyak biji labu kuning, sifat fisik, *eye contour cream*
Kepustakaan : 42 (2009-2022)

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**FORMULATION AND PHYSICAL STABILITY TESTS OF EYE
CONTOUR CREAM YELLOW PUMPKIN (*Cucurbita moschata D seed oil*)**
(xviii + 109 pages + 7 tables + 8 figures + 15 attachments)

ABSTRACT

Background : *Pumpkin seed oil* contains high levels of antioxidants consisting of unsaturated fatty acids, carotenoids, flavonoids, and polyphenolics. *Pumpkin seed oil* can be used to treat wrinkles, eye bags, and dark circles.

Purpose: The purpose of this study was to evaluate *pumpkin seed oil* formulated as *eye contour cream* and to evaluate the physical properties and stability of *pumpkin seed oil eye contour cream* during storage.

Methods: This research is a type of laboratory experimental research including preparation of dosage formulas, evaluating physical properties and stability of *eye contour cream* preparations of *pumpkin seed oil (Cucurbita moschata D seed oil)* and analysis of data on physical properties and storage of preparations using SPSS version 26.

Results: The results showed that the *eye contour cream* preparation was in the form of semi solid, krem colored, had a lavender smell, and was homogeneous. The test results for the physical properties of the preparation and stability in the pH test formulas 1 and 2 have a pH between 5.12-7.20, viscosity has a range of 4,724-5,504 cps, adhesion of more than 1 second and spreadability has a range of 4,37-5, 02cm. Centrifugation test showed that the cream remained stable and did not experience separation.

Conclusion : *Pumpkin seed oil* can be formulated as an *eye contour cream*. The formulation of *eye contour cream* of *pumpkin seed oil*, physical properties and stability during storage complied with the specified requirements except for the spreadability test.

Keywords : *pumpkin seed oil*, physical properties, *eye contour cream*

Literature : 42 (2009-2022)