

BAB 5

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan penelitian ini maka dapat disimpulkan bahwa:

1. Gliserin dan propilenglikol dapat mempengaruhi sifat mutu fisik sediaan gel. Gliserin dapat meningkatkan respon viskositas, daya lekat, dan aktivitas antibakteri serta dapat menurunkan respon pH dan daya sebar. Propilenglikol dapat meningkatkan respon pH, viskositas, dan daya lekat serta menurunkan daya sebar sediaan dan aktivitas antibakteri.
2. Formula optimum sediaan gel jerawat ekstrak kering jeruk nipis dapat diperoleh dengan menggunakan konsentrasi gliserin 8,211% dan propilenglikol 7,453% dengan perkiraan sifat mutu fisik sediaan gel yang memenuhi persyaratan yaitu pH 6,74, viskositas 15568,33 cps, daya sebar 5,48 cm, dan daya lekat 38,24 detik.

5.2 Saran

Pada penelitian selanjutnya disarankan dilakukan uji efektivitas sediaan dengan parameter uji diameter hambat pertumbuhan. Selain itu, disarankan untuk menambahkan stabilizer pada formula.

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