

BAB 5

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Pemberian ekstrak kering daun tembakau ke dalam sediaan dengan konsentrasi 10%, 20% dan 30% memberikan pengaruh peningkatan efektivitas aktivitas antibakteri sediaan. Peningkatan efektivitas antibakteri sediaan yang terjadi sesuai dengan kenaikan konsentrasi ekstrak kering.

Variasi konsentrasi ekstrak kering daun tembakau mempengaruhi hasil evaluasi sediaan, yaitu pH, viskositas, daya sebar, daya bersih, daya hambat pertumbuhan dan kelembaban kulit. Formula 3 yang merupakan formula dengan kandungan ekstrak kering daun tembakau konsentrasi 30% merupakan formula dengan hasil evaluasi terbaik.

5.2 Saran

Pada penelitian selanjutnya disarankan untuk mengembangkan pembuatan ekstrak kering daun tembakau selain metode *spray drying*. Selain itu perlu dilakukan uji aktivitas antibakteri sediaan secara *in vivo* dimana uji dilakukan langsung terhadap tangan. Dapat juga ditambahkan parfum dengan aroma seperti *mint* atau *menthol* yang dapat mengurangi bau khas tembakau jika tidak menginginkan bau khas tembakau pada sediaan.

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