

BAB V

SIMPULAN DAN SARAN

5.1. Simpulan

1. Semakin tinggi konsentrasi ekstrak kental umbi bit merah (*Beta vulgaris* L. var *rubra*) (15%; 20% dan 25%) yang digunakan sebagai pewarna alami dalam formulasi sediaan lipstik ekstrak kental umbi bit merah (*Beta vulgaris* L. var *rubra*) dalam bentuk likuid berpengaruh terhadap peningkatan nilai pH, viskositas, daya sebar, daya lekat, dan waktu kering dari sediaan lipstik.
2. Formula terbaik pada penelitian ini adalah formula 3 (25% ekstrak kental) yang telah memenuhi uji mutu fisik (organoleptis, pH, viskositas, homogenitas), uji efektivitas (daya oles, daya sebar, daya lekat, waktu kering), uji keamanan dan aseptabilitasnya.

5.2. Saran

Pada penelitian selanjutnya disarankan untuk melakukan modifikasi pada formula sediaan lipstik ekstrak kental umbi bit merah dalam bentuk likuid dengan *design expert* sehingga didapatkan formula yang optimum dan mengembangkan stabilitas ekstrak sehingga ketika diformulasikan menghasilkan sediaan yang lebih stabil.

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