

BAB 5

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan hasil pengamatan pada penelitian ini bahwa sediaan lipstik ekstrak air kulit manggis (*Garcinia mangostana* L.) dalam bentuk likuid telah memenuhi persyaratan mutu fisik, efektivitas dan keamanan. Perbedaan konsentrasi carbopol ETD 2020 sebagai *thickening agent* berpengaruh terhadap mutu fisik (pH, viskositas dan stabilitas) serta berpengaruh terhadap efektivitas (Daya oles, daya sebar dan daya lekat). Formula terbaik adalah formula II (0,75% carbopol ETD 2020) yang telah menghasilkan mutu fisik sesuai dengan spesifikasi sediaan serta menghasilkan efektivitas yang memenuhi spesifikasi sediaan yaitu mudah dioleskan dan merata, mudah menyebar dan mudah melekat serta tidak mengiritasi.

5.2. Saran

Pada penelitian selanjutnya disarankan untuk melakukan peningkatan stabilitas warna sediaan selama masa penyimpanan pada sediaan lipstik ekstrak air kulit manggis (*Garcinia mangostana* L.) dalam bentuk likuid.

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