

## BAB 5 SIMPULAN

### 5.1. Simpulan

CMC Na memiliki dapat menurunkan fluks baik pada pelepasan maupun penetrasi propranolol HCl pada *patch* dengan luas 7,065 cm<sup>2</sup>. Namun menthol dapat meningkatkan fluks terhadap pelepasan dan penetrasi, walaupun peningkatan fluks pada pelepasan lebih kecil bila dibandingkan pada penetrasi propranolol HCl pada *patch* dengan luas 7,065 cm<sup>2</sup>.

Kadar CMC Na sebesar 0,5 g dan menthol 0,08 g akan memberikan penetrasi dan pelepasan propranolol HCl yang optimum, yaitu 174,17 µg/mL untuk fluks pelepasan dan 50,46 µg/mL untuk fluks penetrasi.

### 5.2. Alur Penelitian Selanjutnya

Ditinjau dari perbedaan yang besar antara jumlah konsentrasi propranolol HCl yang terlepas dan yang terpenetrasi, disarankan untuk penelitian formulasi selanjutnya menggunakan *enhancer* dalam jumlah yang lebih besar sehingga dapat meningkatkan jumlah obat yang dipenetrasi. Selain itu disaran juga untuk meningkatkan jumlah obat yang digunakan agar jumlah obat yang masuk dalam C<sub>ps</sub> juga lebih banyak.

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