

BAB 5

SIMPULAN

5.1. Simpulan

Menurut data penelitian yang telah diinterpretasikan, dapat ditarik kesimpulan bahwa dari hasil uji *floating lag time*, matriks carbomer 980 dapat mempengaruhi lama mengapung-mengembang tablet ranitidin HCl dan pada uji pelepasan obat menunjukkan bahwa perbedaan konsentrasi matriks carbomer 980 dapat menghambat pelepasan obat ranitidin HCl. Hal ini dilihat dari profil disolusi yang didapatkan.

5.2. Alur Penelitian Selanjutnya

Dapat dilakukan penelitian lebih lanjut, meliputi:

1. Penelitian yang sama dengan pengamatan terhadap % *Efficiency Dissolution* selama 24 jam.
2. Penelitian dengan menggunakan kombinasi matriks.
3. Penelitian dengan menggunakan metode *non-effervescent* dengan bahan obat yang sama.

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