

BAB 5

SIMPULAN

5.1. Simpulan

Menurut data penelitian yang telah diinterpretasikan, dapat ditarik kesimpulan bahwa dari hasil uji *floating lag time*, matriks metil selulosa dapat mempengaruhi lama mengapung-mengembang tablet ranitidin HCl dan pada uji pelepasan obat menunjukkan bahwa perbedaan konsentrasi matriks metil selulosa dapat menghambat pelepasan ranitidin HCl. Hal ini dilihat dari profil disolusi yang didapatkan dan nilai K_{disolusi} yang dibandingkan dengan nilai K teoritis.

5.2. Alur Penelitian Selanjutnya

Dapat dilakukan penelitian lebih lanjut, meliputi:

1. Penelitian yang sama dengan pengamatan terhadap % Efisiensi disolusi selama 24 jam.
2. Penelitian menggunakan dengan menggunakan kombinasi matriks.
3. Penelitian dengan menggunakan metode *Non-Effervescent* dengan bahan obat yang sama.

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