BAB 5
SIMPULAN

5.1. Simpulan

- Konsentrasi kombinasi *guar gum – carrageenan* dan konsentrasi PVP K-30 serta interaksinya memiliki pengaruh terhadap jumlah ibuprofen yang larut dari tablet lepas lambat. Konsentrasi kombinasi *guar gum – carrageenan* menghambat terlarutnya ibuprofen dari tablet. Sedangkan Konsentrasi dari PVP K-30 serta interaksi antara kombinasi *guar gum – carrageenan* dan PVP K-30 meningkatkan terlarutnya ibuprofen dari tablet.
- Formula optimum dari tablet lepas lambat ibuprofen diperoleh dengan menggunakan konsentrasi kombinasi *guar gum – carrageenan* sebesar 30,0% dan konsentrasi PVP K-30 sebesar 3,0% yang akan menghasilkan tablet dengan persen obat terlarut dalam 3 jam sebesar 38,82% dan persen obat terlarut dalam 6 jam sebesar 53,45%.

5.2. Alur Penelitian Selanjutnya

Dilakukan penelitian pembuktian beberapa formula optimum terpilih, yang kemudian dibandingkan dengan hasil secara teoritis.

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