

CHAPTER IV



CONCLUSION

Ethyl cellulose particles loaded with citronellal were successfully prepared by coagulation method. Two processes, stirring and ultrasonic, were compared. Citronellal-encapsulated particles obtained from both processes were spherical. The particles from sonication were more uniform and smaller than the particles obtained using stirring process. The particles from sonication dispersed in water better than the particles obtained using stirring process.

The citronellal-loaded particles were compatible with Aquad 2HT-75 and Armosoft L. When applied on cotton fabric, the fabric softener formulated with encapsulated citronellal showed better fragrance prolongation than that formulated with free citronellal.