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(57) Abstract :

Disclosed is a chitosan-neem gum nanocomposite film for food packaging, includes 90% deacetylation chitosan ranging from 15-80% of the chitosan-neem gum nanocomposite, neem gum ranging from 80-15% of the chitosan-neem gum nanocomposite, bentonite nanoparticles ranging from 1-5% of the chitosan-neem gum nanocomposite, and anthocyanin pigment ranging from 0.1-0.5% of the chitosan-neem gum nanocomposite. The present disclosure also relates to a method (100) of preparing the chitosan-neem gum nanocomposite film.

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