

**Synthesis, Characterization and bio medical Applications of Guar
Gum/Gum Acacia composite film**

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By

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Abstract

GG/GA composite film were prepared by their solution. The structure and property of film were study with add of FT-IR and antibacterial activity and extraction. the structure analysis indicate that there was strong interaction and good miscibility between gaur gum and game acacia the well diffusion method use in determine the anti becterial propertie of plant extract again E-coli microorganisms. This activity are useful for treating injuries and extracting drugs from cinnamon.

Objective:

The objective praposed work was identification of functional group and biomedical application of cinnamon loaded GG/GA composite film.