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(57) Abstract :

ABSTRACT A WRAPPABLE NON-INVASIVE FRESHNESS INDICATOR The present invention provides a wrappable non-invasive freshness indicator for wrapping a food product. The wrappable non-invasive freshness indicator includes a polysaccharide in a range of 5 to 15 wt%, a phyllosilicate in a range of 5 to 15 wt%, a polymer in a range of 70 to 90 wt% and a natural dye in a range of 5 to 10 wt%. A method for preparation of the wrappable non-invasive freshness indicator is also provided. A change in colour of the wrappable non-invasive freshness indicator provides a visual indication of freshness of the food product. The wrappable non-invasive freshness indicator is antimicrobial, biodegradable, reusable, user friendly and involves non-toxic components.

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