



ActInPak

The use of natural compounds for antimicrobial food packaging

“Spice up” your active packaging



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COST FP₁₄₀₅

ACTIVE AND INTELLIGENT FIBRE-BASED PACKAGING – INNOVATION AND MARKET INTRODUCTION

From research...



Cinnamon essential oil coating for plastics

Bakery products, jams and sliced bread



Trends Food Sci Tech 2009, 20 (2), 92-9

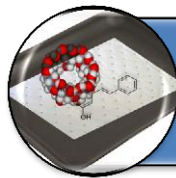


Cinnamon essential oil coating for paper

Cherry tomatoes and mushrooms



J Agric Food Chem 2010, 58 (11), 6780-6



Pinosylvin cyclodextrin coating for pads

Fresh chicken meat



LWT - Food Sci Technol 2017, submitted



Mustard oil coating for paper labels

Fresh sliced bread



Food Res Int 2017, 101, 61-72



Cinnamon oil adhesive for multilayer material

Tomato puree



LWT-Food Sci Technol, 2016, 72, 361-7



Oregano essential oil coating for plastics

Sheep cheese



Food Control 2014, 42, 296-302

... to success cases

Antimicrobial coatings for plastic-based materials



Shelf-life extension from 15 to 45 days

Marketed by:

artibal
ACTIVE TECHNOLOGY



Shelf-life extension from 3 weeks to 6 months

O. Garces Lardies, C. Nerín de la Puerta. European Patent EP 1657181-B1. (published in 2010)

Antimicrobial coatings for paper-based materials

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No fruit decay after 10 days of storage



C. Nerín de la Puerta, M. Astudillo Campillo, I. Covián Sanchez, et al. World Patent WO2007144444-A1



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