

Characterization of some raw materials from several sources for obtaining biodegradable packaging

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Plastic materials in contact with food products must be manufactured in accordance with good manufacturing practices (GMP) and not transfer their components into food products in quantities that could endanger human health, change the composition of food products in a way unacceptable, or to damage the taste and smell of food products. An in-depth analysis of the results will lead to the definition of industrial specifications for packaging materials, in accordance with the needs, limitations and processing demands of existing plastic materials and with the performances required for the specified products to be introduced to the market. The current state of knowledge in the field of biodegradable food packaging will be investigated. The technical requirements for obtaining bioactive food packaging in comparison with conventional plastic food packaging will be defined.