



Package/Food Interaction Analysis

MIGRATION AND COMPLIANCE TESTS OF FOOD PACKAGING

KEY WORDS

MIGRATION,
PACKAGING
MATERIALS,
PACKAGE/FOOD
INTERACTION

DESCRIPTION

Safety of packaging materials is of paramount importance in order to guarantee food safety, due to the capacity of some substances to migrate from packaging to its content. The package/food interaction may be assessed combining high level analytical techniques under European and Mercosur regulations.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

Migration cells for global and specific migration from one surface under different conditions of temperature, time and food simulants
Gas Chromatograph Coupled with Mass Spectrometer (GC/MS)
High Performance Liquid Chromatography (HPLC)
Inductively Coupled Plasma Optical Emission (ICP-OES) and Atomic Emission (ICP-AES) Spectroscopes
Atomic Absorption Spectroscopy (AAS)

APPLICATIONS

Compliance evaluation of food and drug packaging materials regulations

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