

## Product Testing

Eurofins offers a unique portfolio of tests for the quality and performance of a variety of products as well as assessment of their impact on the environment and on human health

Consumer products must fulfil their promised performance during their expected life cycle, be safe to use, and not threaten neither human health nor the environment. An effective quality control policy may well become essential for commercial success and avoidance of both claims and public condemnation.

Eurofins laboratories are able to offer to trade and industry a wide range of tests of performance, compliance with regulations, as well as determination of physical and chemical safety - both for national and international requirements.

### Typical Products

- Food packaging
- Toys
- Cosmetics & raw materials
- Cleaning and washing agents
- Textiles
- Hygiene and paper products
- Construction products
- Furniture
- Household goods
- Household machines
- Industrial products

### Testing

The test parameters are defined in accordance with product specification and client request. Eurofins uses well-established and reliable testing methods. If appropriate and feasible, normal use is simulated during testing.

Typical examples of tests performed on various materials include:



#### Packaging material

- Migration of ingredients
- Mechanical stability

#### Textiles

- Chemical ingredients
- Migration of chemicals into skin
- Colour stability and grip after washing

#### Toys (EN 71, CE marking)

- Mechanical and chemical safety
- Flammability

#### Cleaning and washing agents

- Cleaning effectiveness
- Chemical ingredients

# Product Testing

## Cosmetics

- Sensory assessment
- Ingredients
- Active ingredients
- 26 EU allergens
- Raw material evaluation

## Hygiene and paper products

- Performance tests under simulated use
- Chemical ingredients

## Furniture and construction products

- Emission of formaldehyde and VOC
- Compliance with Blue Angel, EMICODE, M1, LEED, Section 01350 ...

## Some other testing parameters:

- Carcinogens
- Formaldehyde, PCP, PCB, PAH, APEO, TBT, benzene
- VOC, glycol ethers, isocyanates, bisphenol A
- Pesticides, biocides, phthalates, acrylates
- Flame retardants, dioxins, azo dyes
- Physical tests

## Other Services

- Toxicological and eco-toxicological assessments
- REACH dossiers
- Performance assessment by consumer panels and consumer interviews

## Why use Eurofins?

Eurofins is characterised by

- Excellent service
- Accurate results on time
- Expert technical consultation
- International presence currently in 30 countries
- Continuous performance control by internal quality management and participation in interlaboratory comparisons such as
  - WASP
  - BGIA
- Food Analysis Performance Assessment Scheme (FAPAS)
- Hong Kong Government Laboratory
- Auditing by our clients



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