

Test programme

Hypoallergenic products



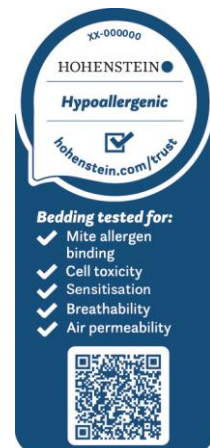
Allergen-reducing products, such as bedding, can protect house dust mite allergy sufferers from dust mite allergens and reduce their symptoms.

Test methods

- Test for allergen binding with house dust mite faeces
- Cytotoxicity test
- Sensitisation test
- Water vapour resistance
- Air permeability

Description

The reduction of the mite faecal allergen as a result of an allergen binding effect is tested using a specially developed test method with real mite faeces. In addition, the biocompatibility (skin and body compatibility) of the material is tested in two cell culture tests. The water vapour transmission resistance and air permeability can also be determined.



Customer benefit

- Consumer safety
- Minimisation of complaints
- Optimisation of product
- Marketability of goods

Marketing Instruments - Labels and Certificates

With proven effectiveness, it is possible to label the product with the "Hypoallergenic" quality label to visibly display the tested quality to the customer.

Test sample requirements

Successfully passing the tests for

- Assessment of mite allergen binding according to SOP 3.DEC.0279
- Cytotoxicity test according to DIN EN ISO 10993-5
- *In vitro* test for skin sensitisation according to SOP 3.DEC.0292

Optional tests

- Water vapour resistance according to DIN EN ISO 11092
- Air permeability according to DIN EN ISO 9237

General

- Ensure labelling of test specimens is sufficiently precise
(composition of materials, article numbers, storage if applicable, etc.).

Duration of the test

- Approx. 3 -4 weeks; date confirmation after receipt of test sample