



Impermeability to mite dropping allergens

Objective:

To test the impermeability of bedding / encasings to mite dropping allergens

The test is particularly suitable for:

- Testing the impermeability of bedding and encasings in the health care sector and the hotel and catering industry

Description:

Testing of the impermeability of bedding or encasings to mite dropping allergens is carried out at the Department Hygiene, Environment & Medicine using a special loading test bench. This involves applying a defined quantity of mite dropping allergens to the test specimens and simulating a one-off load by means of pressure. The quantity of mite dropping allergens able to permeate the test specimen is then determined using the enzyme-linked immunosorbent assay (ELISA) technique. This test set-up indicates the impermeability of the test specimen and thus the suitability of the product for allergy sufferers.

Customer benefit:

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

Test sample requirements:

General:

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

Quantity of material:

- Complete test specimen

Duration of the test:

- 2 - 3 weeks; confirmation of duration following receipt of test specimens

HOHENSTEIN INSTITUTE

Schloss Hohenstein ·
74357 Boennigheim
GERMANY

Contact

Hygiene, Environment & Medicine

Team Bioservice

Phone: +49 7143 271 444

Fax: +49 7143 271 94444

E-Mail: bioservice@hohenstein.de

www.hohenstein.de