

TEXTILES

A comprehensive service for the validation of health related textile claims

There are a wide range of health related claims made on textile products, many of which are unsubstantiated or confusing to retailers and consumers. airmid healthgroup has expertise in assessing health claims on textiles. We provide a comprehensive range of testing services, advice and guidance in this area.

Whether it relates to allergen barrier capabilities, or antimicrobial properties of the new generation of 'smart' textiles, airmid can provide a complete range of internationally recognised or proprietary testing methodologies that will provide the necessary science to support claims. Our experience in this area and ability to interpret data allows us to provide valuable advice in accordance with the latest technological advances or international guidelines.

airmid healthgroup is an ISO/IEC 17025:2005 INAB accredited testing laboratory Reg. no. 284T for quantification of House Dust Allergen, Cat Allergen & Influenza A Nucleoprotein.

Allergen Claims

Our team has world class experience in allergen analysis and can provide you with a complete range of proprietary and internationally recognised textile test methods to meet your requirements.

- Allergen Barrier Test with airflow (Modified Dust Trap)
- Simulated Use Test
- AATCC 194-2008
- Heat Escape Method
- Passive Allergen Chamber based studies
- Measurement of allergen levels by ELISA



Official laboratory of the **asthma & allergy friendly**® certification program.

Antimicrobial Claims

- ISO 20743 Textiles - Determination of antibacterial activity
- AATCC 100 Assessment of Antibacterial Finishes on Textiles
- AATCC 30 Antifungal Activity, Assessment on Textile Materials
- AATCC 147 Parallel Streak Method
- ISO 18184 - Determination of antiviral activity of textile products



airmid healthgroup is a world leading Environmental Research, Development & Testing Company, specialising in all aspects of health and air quality indoors.



Feather & Down Analysis

airmid healthgroup (AHG) are launching a new program, in partnership with IDFL Laboratory and Institute, to evaluate the cleanliness of natural and synthetic fillings used in bedding and apparel products.

The testing requirements for the program will combine IDFL standard cleanliness tests with advanced AHG immunoassay and microbiological testing techniques that allow for highly sensitive and accurate measurement of contaminants including:

- total soluble protein
- dust mite group II allergen
- avian IgG
- bacteria
- fungi



“ Since 1926, Spring Air has provided innovative mattresses and sleep sets to the US consumer. Our investment in ground-breaking research with our partner airmid healthgroup, will provide new and superior, third-party-validated, healthy sleep products. ”

Rick Robinson, President at Spring Air.



Bed Bug Claims

airmid healthgroup maintains an in-house colony of bed bugs and provides a comprehensive range of bed bug testing services, in dedicated chambers, to a range of clients including manufacturers of textiles, cleaning products and pest management companies.

- Small and Full-Scale Bed Bug Barrier Test
- Bed Bug Bite Proof Test
- Bed Bug Viability Test
- Bed Bug Identification Test

Our dedicated passive allergen chamber is a sealed environment monitored by a data logging device where temperature and relative humidity can be controlled to promote optimum conditions for dust mite growth.

Mr Graeme Tarbox
General Manager/Head of Sales




Connect with us



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