

TEST CERTIFICATE HEALTHGUARD

Analysis of Boyteks Sample

Start Date: 9th March 2009
 Finish Date: 10th March 2009

Sample Identification:

Sample Reference: TR Numune_4_090303_10 washings
 Principal Composition: 100% Cotton Woven Fabric
 Secondary Composition: n/a
 Colour: Blue
 Method of Use: Mattress Ticking
 HealthGuard Product: PLB (m)
 Application Percentage: 2%
 Finishing Procedure: Padding/Foulard

Method used:

AATCC 147-2004 Staphylococcus Aureus

1. Two TSA plates were streaked with 5 parallel lines of Staphylococcus Aureus NCTC 10788, and dried under laminar flow for 1 hour
2. Two 20 x 30 mm rectangles of each fabric were placed on each of the two plates from the previous step.
3. The plates were incubated for 24 hours and examined for bacterial growth on the surface of the fabric and for bacterial growth on the agar under the fabric.

AATCC 30-2001 Aspergillus Niger

1. Two SDA plates were flooded with Aspergillus Niger NCPF 2275, and dried under laminar flow for 1 hour
2. Two 20 x 30 mm rectangles of each fabric were placed on each of the two plates from the previous step.
3. The plates were incubated for 24 hours and examined for fungal growth on the surface of the fabric and for fungal growth on the agar under the fabric.

Results:

	Inhibition Under Fabric	Zone of Inhibition around the fabric	Rating
Determination of Antibacterial effect:	Positive	-	Good
Determination of Antifungal effect:	Positive	-	Good
Determination of Anti Dust Mite effect:	Positive	n/a	Good
Determination of Anti Mosquito effect:	Positive	n/a	Good

Certified by Laboratory Manager:

Approved by:


