

**Zydex Industries**  
25-A, Gandhi Oil Mill Compound,  
Gorwa, Vadodara - 390 016

Report No. : 12564/1 - 3  
Date of  
Report : 01.06.07  
Sample  
Submission  
Date : 10.05.07  
Sample Ref. : Polyester  
Fabric

**Kind Attn.: Mr. Rajesh Pitroda**

- Complete quality testing
- Microbial analysis

**Test Report**

**Test Method:** AATCC Test Method 147 - 1998. #  
Antibacterial Activity Assessment of Textile Materials:  
Parallel streak method

- Chemical analysis
- Nutritional labeling
- Shelf-life Study
- Antibacterial activity
- Problem solving at site
- Consultancy

R. No.	Stated Sample Reference	Results for test organism <i>S.aureus</i>	Results for test organism <i>K. pneumoniae</i>
12564/1	100 % Polyester Fabric treated with 10 gpl zycrobial and 50 time washed	<p><b>Observations</b> No growth under the fabric.  No growth on the edges of the fabric.  Zone of inhibition 1.33 mm observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>	<p><b>Observations</b> No growth under the fabric.  No growth on the edges of the fabric.  Zone of inhibition not observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>
12564/2	100 % Polyester Fabric treated with 30 gpl zycrobial and 50 time washed	<p><b>Observations</b> No growth under the fabric.  No growth on the edges of the fabric.  Zone of inhibition not observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>	<p><b>Observations</b> No growth under the fabric.  No growth on the edges of the fabric.  Zone of inhibition 2.33 mm observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>

125,  
Vardhman  
1st.Estate  
  
Gokul Nagar,  
LBS Marg,  
Thane (W)  
Pin 400 601.

Telefax  
25304376  
25390631

email  
microchem@vsnl.net



R. No.	Stated Sample Reference	Results for test organism <i>S. aureus</i>	Results for test organism <i>K. pneumoniae</i>
12564/3	100 % Polyester Fabric treated with 10 gpl sample A and 50 time washed	<p><b>Observations</b> No growth under the fabric.</p> <p>No growth on the edges of the fabric.</p> <p>Zone of inhibition not observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>	<p><b>Observations</b> No growth under the fabric.</p> <p>No growth on the edges of the fabric.</p> <p>Zone of inhibition 2.33 mm observed</p> <p><b>Conclusion</b> Antibacterial activity observed</p>

- Complete quality testing
- Microbial analysis
- Chemical analysis
- Nutritional labeling
- Shelf-life Study

**NOTE :** The given sample R. No. 12564/1- 10 gpl zycrobial polyester fabric, 12564/2 - 30 gpl zycrobial polyester fabric and 12564/3 - 10 gpl sample A polyester passes antibacterial activity assessment of Textile Materials by AATCC Test Method 147-1998 Paralled streak method for test organisms - *S. aureus* & *K. pneumoniae*

- Antibacterial activity
- Problem solving at site
- Consultancy

*Khabhu*  
CHECKED BY

*Nameeta*  
QUALITY MANAGER  
(Miss. Nameeta Ganpule)

125,  
Vardhman  
Ind. Estate

Gokul Nagar,  
LBS Marg,  
Thane (W)  
Pin 400 601.

Telefax  
25304376  
25390631

email  
microchem@vsnl.net

- NOTE:** 1. Tested samples not drawn by the laboratory.  
2. Test results relate to the submitted sample(s) only.

