



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

Report No. : 17320/3
Date of Report : 12.11.08
Sample Submission Date : 25.08.08
Sample Ref. : Socks

Kind Attn.: Mr. Rajesh Pitroda / Ms. Shobhna Rathod

Test Report

Stated Sample Reference:

R. No.: 17320/3 - Socks, Ref.: Zycrobal treated (5% owg) 50 times washed: Bat

Name of Test:

Evaluation of Antimicrobial Activity by AATCC Test Method 100-2004 :-

Test Organisms Used for Evaluation of Antimicrobial Activity by AATCC Test Method 100-2004:

- 5. *Klebsiella pneumoniae* ATCC 4352
- 6. *Staphylococcus aureus* - ATCC 6538

Results:

Fabric swatches in contact with individual test cultures for 24 hrs showed the following results:

R. No:	Test Cultures	Bacterial Count (cfu/ml)		Bacterial Reduction Percentage
		Initial - 0 hr.	Final - 24 hrs.	
17320/3	<i>K. pneumoniae</i>	2.4×10^7 cfu/ml	2.0×10^6 cfu/ml	91.00 %
	<i>S. aureus</i>	2.4×10^7 cfu/ml	1.2×10^6 cfu/ml	95.00 %

Interpretation:

Fabric sample R. No. 17320/3 has shown 95.0 % and 91.0 % antimicrobial activity against *S. aureus* and *K.pneumoniae* respectively when tested according to AATCC Test Method 100-2004.

Heabhy
CHECKED BY

Dameeta
LAB-IN-CHARGE

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



- Nutritional labeling
- Microbial Profile
- Chemical analysis
- Shelf-life Stability
- Residual Pesticides & Heavy metals
- Problem sol on-site
- Consultancy

325 Vardhman Ind. Estate
Gokul Nagar, LBS Marg, Thane (W)
Pin 400 601.
Telefax: 21724376
21720631
21721260

email: microchem@vsnl.com

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

Report No. : 17320/2
Date of
Report : 12.11.08
Sample
Submission
Date : 25.08.08
Sample Ref. : Socks

Kind Attn.: Mr. Rajesh Pitroda /
Ms. Shobhna Rathod

Test Report

Stated Sample Reference:

R. No.: 17320/2 - Socks, Ref.: Zycrohal treated (5% awg) 30 times washed: Bat

Name of Test:

Evaluation of Antimicrobial Activity by AATCC Test Method 100-2004 #

Test Organisms Used for Evaluation of Antimicrobial Activity by AATCC Test Method 100-2004:

3. *Klebsiella pneumoniae* ATCC 4352
4. *Staphylococcus aureus* - ATCC 6538

Results:

Fabric swatches in contact with individual test cultures for 24 hrs showed the following results:

R. No:	Test Cultures	Bacterial Count (cfu/ml)		Bacterial Reduction Percentage
		Initial - 0 hr.	Final - 24 hrs.	
17320/2	<i>K. pneumoniae</i>	2.9×10^7 cfu/ml	4.6×10^5 cfu/ml	98.41 %
	<i>S. aureus</i>	2.7×10^8 cfu/ml	9.3×10^7 cfu/ml	96.56 %

Interpretation:

Fabric sample R. No. 17320/2 has shown 96.56 and 98.41 % antimicrobial activity against *S. aureus* and *K.pneumoniae* respectively when tested according to AATCC Test Method 100-2004.

Ushabhi
CHECKED BY

Narmata
LAB-IN-CHARGE



NAEIL ACCREDITED
LABORATORY

Tests accredited by NABL marked with a =

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

- Nutritional labelling
- Microbial Profile
- Chemical analysis
- Shelf-life Stability
- Residual Pesticides & Heavy metals
- Problem solving on-site
- Consultancy

125
Vardhman
Ind. Estate

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

Telefax
21724376
21720631
21721260

email
microchem@vsnl.net