



中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report

ASH24-0017248-03

Date: 2024-03-28

Client Name: Suzhou Weibolin Antibacterial Material Technology Co.,Ltd

Client Address: NO.199 Zhenzhi Road ,2nd Fl ,Shengze Town ,Wujiang District , Suzhou City ,Jiangsu Province ,China .

Sample Name: 71K Antibacterial bead cloth

Sample Batch No.: DA21122829

Production Date: /

Manufacturer: /

Sample other information: Spec.:71K 70D/48F

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS reference No.: SHIN2403001912PL03

Date of Sample Received: 2024-03-22

Testing Period: 2024-03-22 ~ 2024-03-28

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).



SGS Approved Signatory

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Verification:
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ASH24-0017248-03

Date: 2024-03-28

Sample Description:

Sample No.	SGS Sample ID	Description
1	ASH24-0017248-0001	sample in bag

Test Result(s):

Test Requested: Selected test(s) as requested by applicant:Antimicrobial activity test

Test Method: EN ISO 20645:2004 Textile fabrics-Determination of antibacterial activity-Agar diffusion plate test (ISO 20645:2004)

ASH24-0017248-0001

Test organism(s)	Candida Albicans ATCC 10231
Concentration of inoculum (CFU/mL)	2.5×10^8
Inhibition zone (mm) Mean value	0
The growth of the bacteria under the tested sample	None
Description	No inhibition zone, no growth
Assessment	Good effect

Test organism(s)	Staphylococcus aureus ATCC 6538
Concentration of inoculum (CFU/mL)	2.7×10^8
Inhibition zone (mm) Mean value	0
The growth of the bacteria under the tested sample	None
Description	No inhibition zone, no growth
Assessment	Good effect

Test organism(s)	Escherichia coli ATCC 11229
Inhibition zone (mm) Mean value	0
The growth of the bacteria under the tested sample	None
Description	No inhibition zone, no growth
Assessment	Good effect

Notes:

- 1.The control sample is 100% cotton fabric without antibacterial treatment, supplied by SGS lab.
- 2.Pretreatment: Unsterilized specimens are used.The test specimens are circular, with a diameter of (25 ±5) mm, tests on two specimens and be carried on one side of the specimens.
- 3.According to EN ISO 20645:2004 Textile fabrics-Determination of antibacterial activity-Agar diffusion plate test (ISO 20645:2004), the presence or absence of bacterial growth and the width of inhibition zone, evaluate the antimicrobial effect of each specimen as illustrated below:

Good effect:

When the mean value of inhibition zone is >1mm, the growth of the bacteria under the tested sample is none ,the description is "Inhibition zone exceeding 1 mm, no growth";

When the mean value of inhibition zone is 0mm~1mm, the growth of the bacteria under the tested sample is none,the description is "Inhibition zone up to 1 mm, no growth";

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When the mean value of inhibition zone is 0mm, the growth of the bacteria under the tested sample is none, the description is "No inhibition zone, no growth";

Limit of efficacy:

When the mean value of inhibition zone is 0mm, the growth of the bacteria under the tested sample is slight, the description is "No inhibition zone, only some restricted colonies, growth nearly totally suppressed";

Insufficient effect:

When the mean value of inhibition zone is 0mm, the growth of the bacteria under the tested sample is moderate, the description is "No inhibition zone, compare to the control growth reduced to half";

When the mean value of inhibition zone is 0mm, the growth of the bacteria under the tested sample is heavy, the description is "No inhibition zone, compare to the control no growth reduction or only slightly reduced growth".



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Sample Photo:



SGS authenticate the photo on original report only

Attention:

Chinese shall prevail in this report.

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