



中国认可
检测
TESTING
CNAS L0599

Test Report

ASH21-016351-02

Date: 02 Apr 2021

Client Name: GUANGZHOU PARX BIO TECHNOLOGY CO., LTD.

Client Address: Room 401, 711 Jiangnan Avenue South, Haizhu District, Guangzhou, China

Sample Name: nonwoven fabrics

Manufacturer: GUANGZHOU PARX BIO TECHNOLOGY CO., LTD.

Sample Batch No.: W-0019NW

Production Date: 2021/03/17

Supplier: GUANGZHOU PARX BIO TECHNOLOGY CO., LTD.

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.: NBAFL202100386600

Date of Sample Received: 22 Mar 2021

Testing Period: 22 Mar 2021 - 02 Apr 2021

Test Requested: Selected test(s) as requested by client.

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

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

Chinese shall prevail in this report.

Unless otherwise stated the results shown in this test report refer only to the items tested. This document cannot be used for improper publicity, without prior written approval of the SGS.



scan to see the report



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SGS Authorized Signature

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Test Report

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Sample Description :

Specimen No.	SGS Sample ID	Description
1	ASH21-016351.001	sample in bag
2	ASH21-016351.002	sample in bag

Test Result(s) :

Test Requested : Safety test (Halo method)
Antibacterial test

Test Method : Washing method for safety test: FZ/T 73023-2006 Antibacterial knitwear - Appendix C
Washing test methods for antibacterial fabric sample
Safety test: FZ/T 73023-2006 Antibacterial knitwear - Appendix E The test method for determining the leaching efficiency of the antimicrobial agents - Halo method
Antibacterial activity test: FZ/T 73023-2006 Antibacterial knitwear - Appendix D.8 Dynamic condition test method

ASH21-016351.001

Test organism(s)	Escherichia coli ATCC 25922	Staphylococcus aureus ATCC 6538	Candida albicans ATCC10231
Incubate time (h)	18h	18h	48h
Width of halos D (mm)	0	0	0
Safety requirement	D≤5mm	D≤5mm	D≤5mm
Comment	Pass	Pass	Pass

ASH21-016351.002

Test organism(s)	Candida albicans ATCC10231	Escherichia coli ATCC 25922	Staphylococcus aureus ATCC 6538
Standard control sample-0 h (cfu/mL)	1.8x10 ⁴	2.3x10 ⁴	2.2x10 ⁴
Blank-0 h (cfu/mL)	1.7x10 ⁴	2.3x10 ⁴	2.2x10 ⁴
Treated sample-18 h (cfu/mL)	7.6x10 ⁴	9.7x10 ⁴	3.6x10 ²

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Test Report

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	Candida albicans ATCC10231	Escherichia coli ATCC 25922	Staphylococcus aureus ATCC 6538
Standard control sample-18 h (cfu/mL)	7.3x10 ⁵	1.9x10 ⁷	1.7x10 ⁶
Blank-18 h (cfu/mL)	6.6x10 ⁵	1.7x10 ⁷	1.6x10 ⁶
Bacteriostatic value (%)	90	99	>99
Comment	Pass	Pass	Pass

Notes :

001:The standard control sample is provided by SGS lab.

Safety requirement: After being washed 1 time, the width of halos D ≤ 5 mm.

After being washed 1 time with the method of FZ/T 73023-2006 Antibacterial knitwear – Appendix C.3 Standard washing condition and procedure, the test result of the leaching efficiency for the submitted treated sample.

Test the any surface.

002:After being washed 50 times(10 washing circles),with the method of FZ/T 73023-2006 Antibacterial knitwear – Appendix C.4 Simple washing condition and procedure, the test result of the antibacterial efficacy for the submitted sample.

The specification after 50 washing times for Grade AAA product of FZ/T 73023-2006: Escherichia coli ≥ 70%, Staphylococcus aureus ≥ 80%, Candida,Albicans ≥ 60%.

The standard control sample was 100% cotton fabric, provided by SGS lab.

The sterilization method was UV sterilization 30min.

Test the any surface.

CONCLUSION:

1.After being washed 1 time, the submitted sample width of halos against Escherichia Coli, Staphylococcus Aureus, Candida Albicans complies with the safety requirement of FZ/T 73023-2006 Antibacterial knitwear for leaching efficiency of the antimicrobial agents (After being washed 1 time, the width of halos D≤5 mm).

2.After being washed 50 times(10 washing circles), the submitted sample bacteriostatic value against Escherichia Coli, Staphylococcus Aureus,Candida Albicans complies with the antibacterial efficacy requirement of FZ/T 73023-2006 Antibacterial knitwear for grade AAA product.

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Sample photo:



ASH21-016351.001



ASH21-016351.002

SGS authenticate the photo on original report only

*** End ***

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