

TEST REPORT

No. : GZIN2004011518SC-01

Date : Jun 04, 2020

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scan to see the report



GZIN2004011518SC-01

CUSTOMER NAME: GUANGZHOU AUGÉ NEW MATERIALS TECHNOLOGY CO., LTD.
ADDRESS: ROOM 2201, NO. 30, HUAXIA ROAD, TIANHE DISTRICT, GUANGZHOU.

Sample Name : PVC FILM

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Apr 02, 2020
Testing Start Date : Apr 02, 2020
Testing End Date : May 06, 2020
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center

Quincey lee
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Materials Laboratory

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Test Result(s):

Test of antimicrobial activity

Test method: GB/T 31402-2015/ISO 22196:2007(IDT)

Test organisms: *Escherichia coli* ATCC 8739, *Staphylococcus aureus* ATCC 6538P, *Klebsiella pneumoniae* ATCC 4352

Test Organism(s)	Concentration of bacteria (cfu/mL)	Volume of test inoculum (mL)	The average log value of bacteria number that recovered from after different inoculation time			The value of antimicrobial activity	Antibacterial rate (%)*
			/	"0h"	"24h"		
<i>Escherichia coli</i> ATCC 8739	2.0×10 ⁶	0.2	Treated Sample	/	1.54	2.6	99.7
			Untreated Sample	4.38	4.11		
<i>Staphylococcus aureus</i> ATCC 6538P	2.0×10 ⁶	0.2	Treated Sample	/	0.58	3.9	> 99.9
			Untreated Sample	4.38	4.44		
<i>Klebsiella pneumoniae</i> ATCC 4352	1.3×10 ⁶	0.2	Treated Sample	/	1.80	3.3	> 99.9
			Untreated Sample	4.19	5.10		

Remark:

1. The untreated sample is plastic film without antimicrobial activity, provided by SGS laboratory.
2. The sample test without pre-treatment.
3. * Antibacterial rate (%) is added according to client requirements, and the calculation formula is [(B-C) / B] * 100%
 B: arithmetic average of the numbers of bacteria obtained from untreated samples after 24h incubation (CFU/ cm²) ;
 C: arithmetic average of the numbers of bacteria obtained from treated samples after 24h incubation (CFU/ cm²) .



SGS-CSTC Testing Services Co., Ltd.
Guangzhou Branch Testing Center Materials Laboratory

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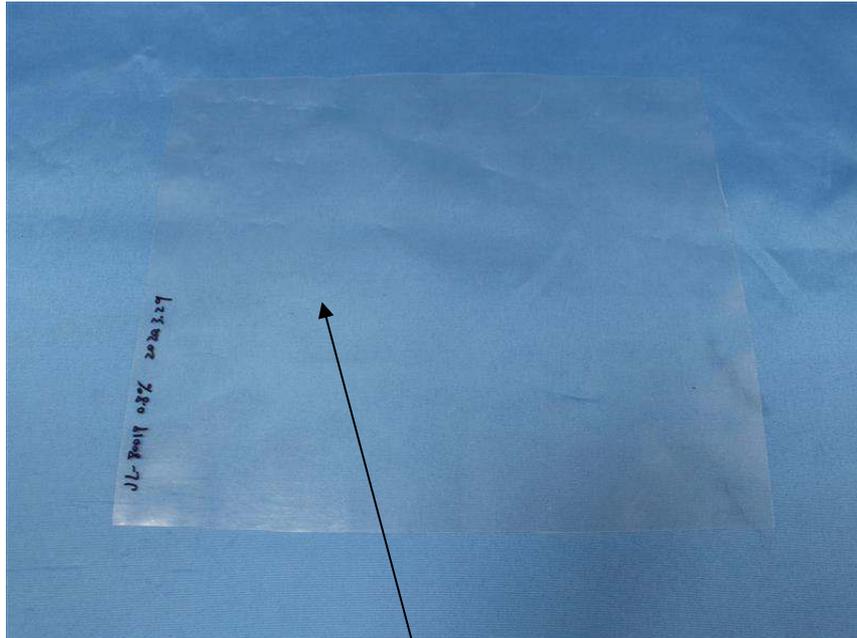
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Sample photo:



Test side

Appendix Information:

This test report supersedes test report No. GZIN2004011518SC, the original test report is void.

***** End of report*****



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