



**BUREAU
VERITAS**

TEST REPORT

LAB NO. : (2421)062-0009
DATE : March 26, 2021
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Applicant:
SDI GIFTS S.R.O.
KREMENACOVA 90/6,104 00, PRAHA, CZECH REPUBLIC

Date of Submission: 2021-03-03
Test Period: 2021-03-03 to 2021-03-10

Sample Description:	A5 PU hardcover notebook		
Sample Status:	Intact		
Manufacturer:	ZHEJIANG NICET STATIONERY CO.,LTD	Buyer:	/
Style No.(s):	HB001-03(201766940)	PO No.:	/
Country of Origin:	/	Country of Destination:	/

Test Item(s): Details see attached page(s).

SUMMARY OF TEST RESULTS

TEST REQUESTED	REMARK
*ISO 22196-2011 Measurement of antibacterial activity on plastics and other non-porous surfaces	See Result

Note: The tested part of the sample was specified by client.
The composite testing was performed as per client's request.
With the client's prior consent, the above * was subcontracted test item.

REMARK

If there are questions or concerns on this report, please contact the following persons:

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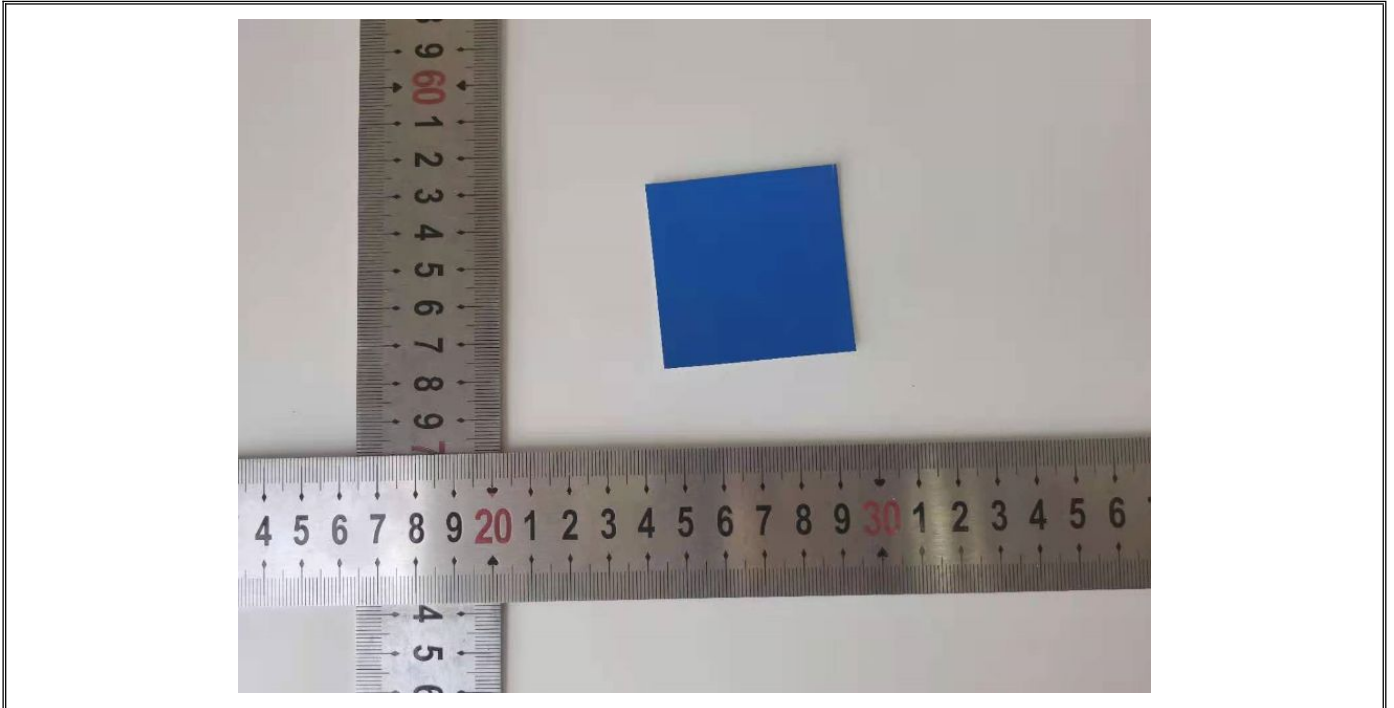
This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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Photo of the Submitted Sample



24210620009



TEST RESULT

The sample(s) was examined reference to ISO 22196-2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

Sample processing: 70% alcohol Before test

Neutralising Solution: SCDLP

Contact Temperature: 35±1 °C RH%>90%

Incubation Period: 24 h

Agar Medium: Plate count agar

Test Specimen: 5.0×5.0cm

Film size: 4.0×4.0cm

Inoculum size: 0.4mL

Test Result:

Test Microorganism	Inoculation concentration (CFU/mL)	the average of the common logarithm of the number of viable bacteria recovered from			Antibacterial activity R	Antibacterial activity rate R' (%) *
		"0h" contact time U ₀	"24h" contact time U _t	"24h" contact time A _t		
		Control	Control	Sample		
Staphylococcus aureus (ATCC 6538P)	4.7×10 ⁵	4.3	3.7	-0.2	3.9	>99.9
Escherichia coli (ATCC 8739)	4.1×10 ⁵	4.2	4.0	1.5	2.5	99.2



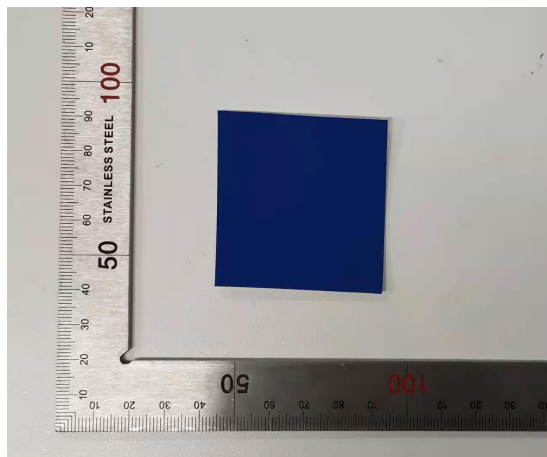
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Notice:

- 1、 R value of antibacterial activity = $U_t - A_t$
- 2、 U_0 -- -- is the average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens immediately after inoculation
- 3、 U_t -- -- is the average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens after 24 h
- 4、 A_t -- -- is the average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the treated test specimens after 24 h
- 5、 The non-antibacterial test samples were provided by client.
- 6、 The antibacterial rate is calculated by the formula 【 $R' = (B - C) / B \times 100\%$ 】 provided by client
- 7、 B -- -- is the average of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens after 24 h
- 8、 C -- -- is the average of the number of viable bacteria, in cells/cm², recovered from the treated test specimens after 24 h

EXHIBIT



Remark:

The testing data and results are intended for the exclusive use of specific client, which does not serve as a certification to the society.

END



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Appendix
Additional Model



HB001-01 (201766930)
HB001-10 (201766950)
HB001-05 (201766990)
HB001-06 (201766920)

Note: The information in this Appendix is provided by client. Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.