

## Test Report

Report No: ASH17-059828-04

Issue Date: Jan 09 2018

Client name: VERSACE DUNN LTD.  
Client address: Unit 4, Lakeside Park, Neptune Close, Rochester, Kent, ME2 4LT, United Kingdoms.  
Sample name: Antimicrobial plastic bag  
Sample Batch No.: 243009-C17025  
Product Date: DEC 2017  
Manufacturer: CROWNSTAR SANITARY LIMITED  
Sample other information: Country of Destination/Buyer:UK  
Supplier/Agent: Versace Dunn 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 Sample No.: ASH17-059828.001  
SGS reference No.: SCAFF171203974/CDAFMX171213154  
Date of sample received: Dec 26 2017  
Testing period: Dec 26 2017 ~ Jan 04 2018

### TEST(S) REQUESTED:

Selected test(s) as requested by applicant:  
Assessment of Antimicrobial activity

### TEST METHOD(S):

Please refer to the next page(s)

### TEST RESULT(S):

Please refer to the next page(s)

### CONCLUSION:

Pass, the value of antimicrobial activity against *Escherichia coli* is 5.3, comply with JIS Z 2801:2010 Specification for antimicrobial activity and efficacy of antimicrobial products (Value of antimicrobial activity  $\geq 2.0$ ).

**This Test Report is to partly supersede the Test Report ASH17-059828-02.**

**Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior written approval of the SGS.**



SGS authorized Signature

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Testing Center Agency of Shanghai Free Laboratory

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3<sup>rd</sup> Building, No.889, Yishan Road, Shanghai, China 200233

t 400 - 691 - 0488

f (86-21) 6140 2547

[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·上海·宜山路889号3号楼

邮编:200233

t 400 - 691 - 0488

f (86-21) 6140 2547

e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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### TEST METHOD(S):

JIS Z 2801:2010 Antimicrobial products - Test for antimicrobial activity and efficacy

### TEST ORGANISM(S):

*Escherichia coli* ATCC 8739

### TEST RESULT(S):

| Name of test bacteria             | Concentration of bacteria (cfu/mL) | Volume of test inoculum (mL) | The average of the common logarithm of the number of viable bacteria(cfu/cm <sup>2</sup> ) that recovered from the different contact time |                      |                       | Value of antimicrobial activity |
|-----------------------------------|------------------------------------|------------------------------|---|----------------------|-----------------------|---------------------------------|
|                                   |                                    |                              | /   | at "0h" contact time | at "24h" contact time |                                 |
| <i>Escherichia coli</i> ATCC 8739 | 7.6x10 <sup>5</sup>                | 0.2                          | Sample  | /                    | -0.20                 | 5.3                             |
|                                   |                                    |                              | Control Sample  | 3.93                 | 5.08                  |                                 |

**REMARK:** The control sample is plastic film without antimicrobial activity, provided by SGS laboratory.

**SAMPLE DESCRIPTION:** sample in bag



\*\*\* End \*\*\*

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