



**BUREAU  
VERITAS**

# TEST REPORT

## BEAUTY SLEEP

**Technical Report:** (3223)010-0206  
Date Received: Jan.10,2023

Jan.20,2023  
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BEAUTY SLEEP

### SAMPLE INFORMATION:

<b>Sample Description:</b>	ANTIBACTERIAL BENEFITS FABRIC	<b>Sample Quantity:</b>	N/A
<b>Vendor:</b>	N/A	<b>Style No(s):</b>	BS-20230106
<b>Manufacturer:</b>		<b>SKN/SKU</b>	N/A
<b>Buyer:</b>	N/A	<b>PO No.:</b>	N/A
<b>Labeled Age Grade:</b>	N/A	<b>Ref #:</b>	N/A
<b>Appropriate Age Grade:</b>	N/A	<b>Country of Origin:</b>	CHINA
<b>Client Specified Age Grade:</b>	N/A	<b>Assortment No:</b>	N/A
<b>Tested Age Grade:</b>	N/A	<b>Country of Destination:</b>	N/A
<b>UPC Code:</b>	N/A	<b>Color:</b>	N/A

### EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
Selected test as requested by applicant Antibacterial Assessment for the submitted sample	PASS

### **BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT**

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**TEST RESULT**

**COMMENT:**

Name of test bacteria ( Strain Number )	Antibacterial activity rate ( % )	Requirement of GB/T 20944.3-2008	Comment
<i>Staphylococcus aureus</i> ( ATCC 6538 )	99.9	The antibacterial activity rate of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> ( <i>Klebsiella pneumoniae</i> ) is $\geq 70\%$ · the product with antibacterial activity	Pass : The submitted sample has antibacterial activity
<i>Escherichia coli</i> ( CICC10899 )	99.9		Pass : The submitted sample has antibacterial activity
<i>Candida albicans</i> ( ATCC 10231 )	99.9	The antibacterial activity rate of <i>Candida albicans</i> is $\geq 60\%$ · the product with antibacterial activity	Pass : The submitted sample has antibacterial activity

**TEST REQUESTED:**

Selected test as requested by applicant  
 Antibacterial Assessment for the submitted sample

**TEST METHOD:**

GB/T 20944.3-2008 Textiles-Evaluation for antibacterial activity-part 3: Flask-shaking method

**TEST ORGANISMS:**

*Staphylococcus aureus* ( ATCC 6538 ) · *Escherichia coli* (CICC10899) · *Candida albicans* ( ATCC 10231 )

**TEST RESULT(S):**

Name of test bacteria ( Strain Number )	<i>Staphylococcus aureus</i> ( ATCC 6538 )	<i>Escherichia coli</i> ( CICC10899 )	<i>Candida albicans</i> ( ATCC 10231 )
Concentration of inoculum(CFU/mL)	$3.6 \times 10^5$	$3.4 \times 10^5$	$2.7 \times 10^5$
The growth value on the control sample $F(F = \lg W - \lg W_0)$ ( $W_t$ & $W_0$ : CFU/mL)	1.9 ( $W_t 1.5 \times 10^6, W_0: 1.8 \times 10^4$ )	1.5 ( $W_t 6.5 \times 10^5, W_0: 1.9 \times 10^4$ )	0.8 ( $W_t 1.2 \times 10^5, W_0: 1.7 \times 10^4$ )
The number of bacteria obtained from the flask with the antimicrobial-treated sample after 18h incubation ( $Q_t$ )(CFU/mL)	$7.8 \times 10^2$	28	$1.3 \times 10^3$
Antibacterial activity rate (%)	99.9	99.9	99.9
Sterilization method	Autoclave(121°C · 15min)		

SAMPLE REFERENCE PHOTO:

