

**Test Report****Report No.: GZAFN140802549E****Date: Sep 02 2014**

Client name: Nanjing Mindray Bio-Medical Electronics Co.,Ltd  
Client address: 666# Middle Zhengfang Road, Jiangning, 211100 Nanjing, Jiangsu, P.R.China  
Sample name: Medical Unit Anti-Bacteria Coating  
Sample Batch No.: /  
Product Date: /  
Manufacturer: Nanjing Mindray Bio-Medical Electronics Co.,Ltd  
Sample other information: Sample Number: 6 pieces; Name of test bacteria: Escherichia coli AATCC 8739, Staphylococcus aureus AATCC 6538P

**Above 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.: GZAFN140802549  
SGS reference No.: /  
Date of sample received: Aug. 22, 2014  
Testing period: Aug. 22, 2014 ~ Sep. 02, 2014

**TEST(S) REQUESTED:**

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

**TEST METHOD(S):**

With reference to JIS Z 2801:2010 Antibacterial products - Test for antibacterial activity and efficacy

**TEST RESULT(S):**

Please refer to next page(s)

**CONCLUSION(S):**

Pass, the value of antimicrobial activity against *Escherichia coli* is 5.5, the value of antimicrobial activity against *Staphylococcus aureus* is 5.8, all 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 has been drafted in English and maybe translated into other languages, The English version shall prevail.**



**This test report refers only to the sample(s) tested. This document cannot be used for publicity, without prior written approval of the SGS.**

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SGS-CTC Standards Technical Services Co., Ltd.  
Guangzhou Branch: Textile, Leather and Food Laboratory

No.198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155260 f (86-20) 82075027 www.sgsgroup.com.cn  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155260 f (86-20) 82075027 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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**TEST ORGANISM(S):**

*Escherichia coli* ATCC 8739, *Staphylococcus aureus* ATCC 6538P

**TEST RESULT(S):**

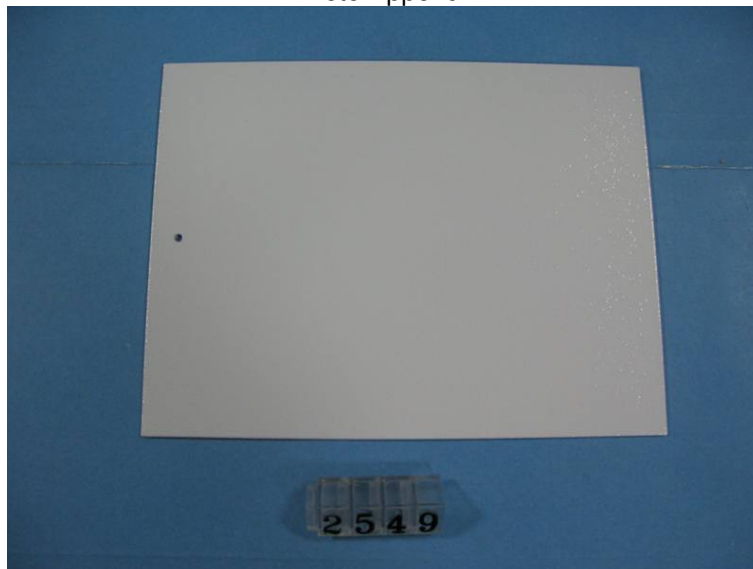
Name of test bacteria (Strain number)	Concentration of bacteria (cfu/mL)	Volume of test inoculum (mL)	The average of the common logarithm of the number of viable bacteria(cfu/cm <sup>2</sup> ) that recovered from the different contact time			Value of antimicrobial activity
			/	at "0h" contact time	at "24h" contact time	
<i>Escherichia coli</i> ATCC 8739	1.1x10 <sup>6</sup>	0.2	Sample	/	0.21	5.5
			Control Sample	4.18	5.69	
<i>Staphylococcus aureus</i> ATCC 6538P	1.4x10 <sup>6</sup>	0.2	Sample	/	-0.20	5.8
			Control Sample	4.11	5.56	

**Remark:**

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

**SAMPLE DESCRIPTION:** Sheet sample

**Photo Appendix**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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