

Test Report No.: 244258270a1 001  
测试报告号码:

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Client: BenQ Corporation  
客户名称:

Test item(s): Interactive flat panel  
测试样品: CM\*\*\*\*\*,CP\*\*\*\*\*,RP\*\*\*\*\*,IL\*\*\*\*\*,RE\*\*\*\*\*,RM\*\*\*\*\* ( \*could be 0 to 9, A-Z, or Null,  
Means different client code or sale region, no impact on Products' safety and EMC characteristics )

Sample Receiving date: 2020-08-10  
收样日期:

Delivery condition: Apparent good, Samples tested as received  
交货状态: 接收样品测试时, 外观良好

Testing Period: 2020-08-10 to 2020-08-19  
测试周期:

Test specification/测试要求:  
ISO 22196-2011  
Antimicrobial Activity and Efficacy Testing  
抗菌性实验方法和抗菌效果的测定

Test result/测试结果:  
Please refer to page 3/  
请参考第三页

For and on behalf of  
TÜV Rheinland (Shanghai) Co., Ltd.



2020-08-20  
Date

Eason Lu / Supervisor  
Name/Position

测试结果依据所进行的测试种类和范畴出具。该测试报告只对相关测试样品负责。未经测试中心许可不可复制报告, 亦不能在该产品或者类似产品上使用任何安全标识。 Test result is drawn according to the kind and extent of tests performed. This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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Material list/材料清单:

No./材料编号	Material/材料	Color/颜色	Location/位置
M001	Glass	Transparent	refer to photo

**Test method 实验方法:**
**ISO 22196: 2011 Measurement of antibacterial activity on plastics and other non-porous surfaces**  
 塑料及其它非渗透性制品表面抗菌性的测定

**Test Result 测试结果**

<b>Test No.:</b> 测试号: T001						
<b>Material No.:</b> 材料号: M001						
Organisms – Bacteria 测试菌种	Control specimen 对照样 (Contact time 接触时间: Initial 立即, “A”)	Control specimen 对照样 (Contact time 接触时间: 24hrs 24 小时, “B”)	Tested specimen 测试样品 (Contact time 接触时间: 24hours, “C”)	Antibacterial activity 抗菌活性(1*)	%Reduction 减少率	Antibacterial effectiveness 抗菌有效性(2*)
<i>Pseudomonas aeruginosa</i> 铜绿假单胞菌 (ATCC9027)	3.8	5.9	3.0	2.9	99.9%	Yes
<i>Salmonella</i> 鼠伤寒沙门氏菌 (ATCC14028)	3.8	5.6	2.8	2.8	99.9%	Yes
<i>Klebsiella pneumonia</i> 肺炎克雷伯菌 (ATCC4352)	4.0	5.9	1.9	4.0	99.9%	Yes

缩写 Abbreviation: < denotes less than 小于  
> denotes more than 大于

A: 接种后立即计数的对照样的菌落平均数

Average of the number of viable cells of bacteria immediately after inoculation on control specimen.

B: 接种后 24 小时后计数的对照样的菌落平均数

Average of the number of viable cells of bacteria on control specimen after 24hrs incubation period.

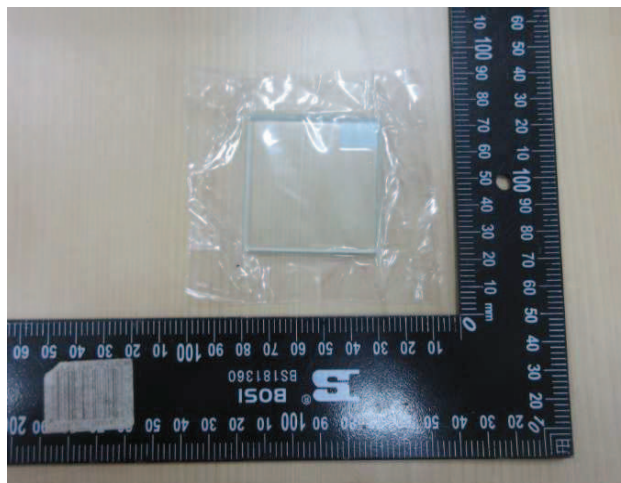
C: 接种后 24 小时后计数的样品的菌落平均数

Average of the number of viable cells of bacteria on the antimicrobial test specimen after 24hrs incubation period.

**Remark(s) 备注:**

- 1\*. Antibacterial activity calculated from (Log B- log C)  
抗菌活性的测试计算 from (Log B- log C).
- 2\*. The value of antibacterial activity more than 2.0 indicates the tested product with antibacterial effectiveness  
抗菌活性大于 2，表明该抗菌产品具有一定的抗菌效果
- 3\*. The result should be based on the submitted sample only, the nature and processing of sample should  
Not be taken into account.  
本次结果仅建立在该样品的基础上，样品的性质和处理方式不予考虑

**样品照片/Sample Photo:**



-结束/END-