

Test Report No.: 244249007a 001

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Client: SHENZHEN OTAQ TECHNOLOGY CO., LIMITED

Room 301, zone B, no.16 lixin road, danzhutou community, nanwan street,
longgang district, Shenzhen 518114 Guangdong P.R. China

Test item(s): 1 model

Sample Receiving date: 2020-07-01

Delivery condition: Apparent good, Samples tested as received

Testing Period: 2020-07-01 to 2020-07-10

Test specification:

ISO 22196-2011
Antimicrobial Activity and Efficacy Testing

Test result:

Please refer to page 3

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



2020-07-16

Eason Lu / Supervisor

Date

Name/Position

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

Item: Material

Material No.	Material	Color	Location
M001	Glass	Transparent	Refer to photo

Test method:
ISO 22196: 2011 Measurement of antibacterial activity on plastics and other non-porous surfaces
Test Result

Test No.: T001						
Material No.: M001						
Organisms - Bacteria	Control specimen (Contact time: Initial, "A")	Control specimen (Contact time: 24hrs, "B")	Tested specimen (Contact time: 24hours, "C")	Antibacterial activity(1*)	%Reduction	Antibacterial effectiveness (2*)
<i>Escherichia coli</i> (ATCC No. 8739)	3.9	6.1	<0.8	>5.3	>99.99%	Yes
<i>Staphylococcus aureus</i> (ATCC No. 6538P)	3.8	5.8	1.8	4.0	99.99%	Yes

Abbreviation: < denotes less than
> denotes more than

Where

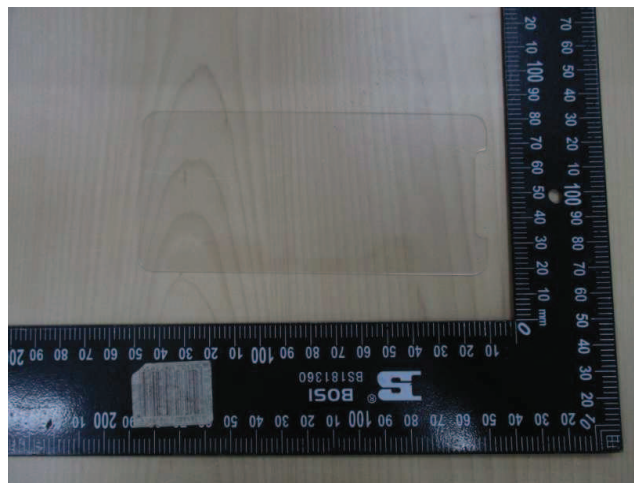
A: Average of the number of viable cells of bacteria immediately after inoculation on control specimen.
 B: Average of the number of viable cells of bacteria on control specimen after 24hrs incubation period.
 C: Average of the number of viable cells of bacteria on the antimicrobial test specimen after 24hrs incubation period.

Remark(s):

- 1*. Antibacterial activity calculated from (Log B- log C).
- 2*. The value of antibacterial activity more than 2.0 indicates the tested product with antibacterial effectiveness.
- 3*. The result should be based on the submitted sample only, the nature and processing of sample should not be taken into account.

END

Sample Photo:



-END-