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202019005395



推荐实验室

广州市微生物研究所有限公司

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO.,LTD.

检测报告

TEST REPORT



Report Number

WJ20210309

Name of Sample

Antibacterial air filter material

Applicant

JSC“Tion Smart microclimate”



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Test No. WJ20210309

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TEST REPORT

Date Received: Jan. 29, 2021

Date Analyzed: Feb. 2, 2021

Name of Sample	Antibacterial air filter material	Source of Sample	Delivery
Applicant	JSC“Tion Smart microclimate”	Client Number	—
Manufacturer	JSC“Tion Smart microclimate”	Brand	TION
Type and Specification	IQ200 of purifier	Quantity of Sample	1 Set
Date of Production	27.01.2021	State of Sample	Cloth
Batch Number	01	Packing of Sample	—
Standard and Methods	GB 21551.2-2010 Antibacterial and cleaning function for household and similar electrical appliances—Particular requirements of material (Appendix B)		
Items of Analysis	Killing Rate for Bacteria (<i>Escherichia coli</i> AS 1.90, <i>Staphylococcus aureus</i> AS 1.89)		
Remarks	Client claimed that the main inspection sample model is IQ200 of purifier. The other models made of the same material as the inspected sample are IQ100 of purifier , IQ400 of purifier , Breezer 4S Supply air purifier . The antibacterial agent: zinc pyrithione was added to the material.		

Test Results

Number of Sample	Test Time	Test Bacteria	Bacteria count on untreated sample after treatment (CFU)	Bacteria count on test sample after treatment (CFU)	Killing Rate (%)
WJ20210309-1	24 h	<i>Escherichia coli</i>	1.6×10^9	< 100	> 99.99
		<i>Staphylococcus aureus</i>	3.9×10^8	< 100	> 99.99

Note: According to GB 21551.2-2010 Antibacterial and cleaning function for household and similar electrical appliances—Particular requirements of material (Appendix B) , the Killing Rate is greater than or equal to 90%, and the samples have antibacterial effect.

End of report

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