



中国认可
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检测
TESTING
CNAS L0691

Test Center of Antimicrobial Materials

Technical Institute of Physics and Chemistry, Chinese Academy of Sciences

Test Report

Report Number: LHKJ-1911-13-1/1

Sample Name * Homogeneous PVC flooring

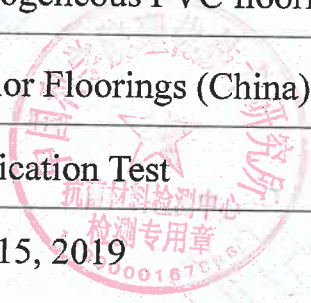
Sample Clients * Gerflor Floorings (China) Co., Ltd.

Test Sort Application Test

Date of Report Nov 15, 2019

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Sample Name *	Homogeneous PVC flooring	Test Sort	Application Test
Sample Number	L19369	Client *	Gerflor Floorings (China) Co., Ltd.
Sample Amount	5cm*5cm*10pcs	Address *	No.8 Tieqin South Road, Southeast Economic Development Zone, Changshu, Jiangsu, P.R.China
Brand *	/		
Type *	/		
Batch No. *	/	Receive date	Oct 29, 2019
Manufactory *	Gerflor Floorings (China) Co., Ltd.	Test Period	Nov 11, 2019~Nov 15, 2019
		Test Item	antibacterial activity

Sample Description: Samples are Homogeneous PVC flooring. Blanks are standard PE. And each will be made to 50mm×50mm by the standard.

Test Method: JIS Z 2801: 2012 Antimicrobial products—Test for antimicrobial activity and efficacy

Test Bacteria: *Escherichia coli* ATCC 25922

Staphylococcus aureus ATCC 6538p

Test Result:

Name	Bacteria	Value of antibacterial activity (R)
Sample	<i>Escherichia coli</i>	>5.7
	<i>Staphylococcus aureus</i>	3.8

Written 张婷

Checked 张岩

Approved 张岩



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Test data:

Name	Item	<i>Escherichia coli</i>			
		Average of the viable cell (CFU/cm ²)		Value of antibacterial activity (R)	Antibacterial rate (%)
		0h	After 24h		
Blank		2.1×10 ⁴	7.4×10 ⁵	--	--
Sample		--	<1.3	>5.7	>99
<i>Staphylococcus aureus</i>					
Blank		1.6×10 ⁴	6.2×10 ⁵	--	--
Sample		--	9.4×10 ¹	3.8	>99

Sample picture:



-End-