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202019001121



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

WJ20204519

Name of Sample

Flexible self-adhesive Wallpaper

Applicant

Shenzhen ENTE Material Technology Co., Ltd.





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TEST REPORT

Date Received: Oct. 28, 2020

Date Analyzed: Nov. 3, 2020

Name of Sample	Flexible self-adhesive Wallpaper	Source of Sample	Delivery
Applicant	Shenzhen ENTE Material Technology Co., Ltd.	Client Number	—
Manufacturer	Dongguan Polycell Material Technology Co., Ltd.	Brand	IENTE/MUCAI
Type and Specification	S/R/SR Coils Series	Quantity of Sample	1 set
Date of Production	2020-10-28	State of Sample	roll or slice
Batch Number	2020Q4102801	Packing of Sample	—
Standard and Methods	GB/T 31402-2015 Plastics-Measurement of antibacterial activity on plastics surfaces		
Items of Analysis	1.Antimicrobial activity ( <i>Escherichia coli</i> ATCC 8739, <i>Staphylococcus aureus</i> ATCC 6538P, <i>Candida albicans</i> ATCC 10231) 2.Killing Rate ( <i>Escherichia coli</i> ATCC 8739, <i>Staphylococcus aureus</i> ATCC 6538P, <i>Candida albicans</i> ATCC 10231)*		
Remarks	Client claimed that the main inspection sample model is S/R/SR Coils Series. The other models made of the same material as the inspected sample are HB/HC/FB/FT/FH/FM/FS Sheet Series.		

According to the customer request, add killing rate.

$$\text{Killing rate} = (C_r - T_t) / C_t$$

C<sub>r</sub>: Bacteria counts on control after 24h treatment (cfu/cm<sup>2</sup>)

T<sub>t</sub>: Bacteria counts of sample after 24h treatment (cfu/cm<sup>2</sup>)

Test Results

Number of sample	Test bacteria	Bacteria counts on control after 0h treatment (cfu/cm <sup>2</sup> )	Bacteria counts on control after 24h treatment (cfu/cm <sup>2</sup> )	Bacteria counts of sample after 24h treatment (cfu/cm <sup>2</sup> )	R	Killing rate* (%)
	<i>Escherichia coli</i>	1.9×10 <sup>4</sup>	6.6×10 <sup>6</sup>	0.63	7.0	99.9
WJ20204519-1	<i>Staphylococcus aureus</i>	1.6×10 <sup>4</sup>	1.1×10 <sup>6</sup>	0.63	6.2	99.9
	<i>Candida albicans</i>	9.4×10 <sup>3</sup>	2.6×10 <sup>5</sup>	8.3×10 <sup>4</sup>	0.5	68.1

\*\*\*End of report\*\*\*

Editor

Checker

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