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202019005395 推荐实验室



广州市微生物研究所集团股份有限公司

GUANG ZHOU INSTITUTE OF MICROBIOLOGY GROUP CO.,LTD.

检 测 报 告

TEST REPORT

Report Number

WJ20241109E

Name of Sample

TPU Film

Applicant

DONGGUAN GREEN TPU CO., LTD





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TEST REPORT

Date Received: Apr. 22, 2024

Date Analyzed: Apr. 24, 2024

Name of Sample	TPU Film	Source of Sample	Delivery
Applicant	DONGGUAN GREEN TPU CO., LTD	Client Number	——
Manufacturer	——	Brand	——
Type Specification and	——	Quantity of Sample	1 set
Date of Production	——	State of Sample	——
Batch Number	——	Packing of Sample	——
Standard and Methods	GB/T 31402-2015 Plastics-Measurement of antibacterial activity on plastics surfaces		
Items of Analysis	Antimicrobial activity (<i>Escherichia coli</i> ATCC 8739, <i>Staphylococcus aureus</i> ATCC 6538P)		
Remarks	——		

According to the customer's request, add antibacterial rate:

*Antibacterial rate (%) = $[(C_t - T_t) / C_t] \times 100$

C_t: Bacteria counts on control after 24h treatment (CFU/cm²)

T_t: Bacteria counts of sample after 24h treatment (CFU/cm²)

Test Results

Number of sample	Test organisms	Bacteria counts on control after 0h treatment (CFU/cm ²)	Bacteria counts on control after 24h treatment (CFU/cm ²)	Bacteria counts of sample after 24h treatment (CFU/cm ²)	R	Antibacterial rate* (%)
WJ20241109E-1	<i>Escherichia coli</i>	1.4×10 ⁴	3.5×10 ⁶	9.1×10 ²	3.6	99.9
	<i>Staphylococcus aureus</i>	1.2×10 ⁴	6.4×10 ⁵	0.63	6.0	99.9

End of report

Editor

钟伟玲

Checker

姚晓军

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