



中国认可
国际互认
检测
TESTING
CNAS L0823



201719001121

广州市微生物研究所

GUANG ZHOU INSTITUTE OF MICROBIOLOGY

检测报告

TEST REPORT

Report Number

WJ20200892

Name of Sample

1P904:Antibacterial PP Plastic Created by

ALD GROUP LIMITED

Applicant

ALD GROUP LIMITED



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Test No. WJ20200892

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Date Received: Apr. 9, 2020

Date Analyzed: Apr. 14, 2020

Name of Sample	IP904:Antibacterial PP Plastic Created by ALD GROUP LIMITED	Source of Sample	Delivery
Applicant	ALD GROUP LIMITED	Client Number	——
Manufacturer	——	Brand	——
Type and Specification	5 cm long and 5 cm wide and less than 1 cm thick	Quantity of Sample	1 Set
Date of Production	2020.4.6	State of Sample	Solid
Batch Number	——	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	This test report is the English additional Edition of WJ20200892 issued on Apr 21,2020.		

*** To be continued***



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According to the customer request, add killing rate.

Killing rate = $(C_t - T_t) / C_t$

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 bacteria	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	Killing rate* (%)
WJ20200892-1	<i>Escherichia coli</i>	2.3×10^4	5.1×10^6	0.63	6.9	99.9
	<i>Staphylococcus aureus</i>	2.3×10^4	2.4×10^5	0.63	5.6	99.9
	<i>Candida albicans</i>	8.2×10^3	1.6×10^5	2.4×10^2	2.8	99.9

End of report

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Date Reported

2020.4.22





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