

The following samples were submitted and identified on behalf of the clients as

Sample Name: ANTIBACTERIAL LAMINATING FILM  
Material: PET,PE,EVA  
CPST Internal Reference No.: C200420071  
Sample Received Date: Apr 20, 2020  
Test Period: Apr 20, 2020 to Apr 29, 2020  
Test Method: Please refer to next pages.  
Test Result: Please refer to next pages.


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CONCLUSION :

TESTED SAMPLES	TEST ITEM	RESULT
ANTIBACTERIAL LAMINATING FILM	1.Escherichia coli(ATCC 8739)、Staphylococcus aureus(ATCC 6538P)Antibacterial effect	See the result

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Signed for and on behalf of  
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

TESTED BY :



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Project Leader

REVIEWED BY:



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APPROVED BY:



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### Photo of the Submitted Sample



No.1



No.2

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## Test Report

No. C200420071002-1

Date: Apr 29, 2020

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### Test Result(s):

Description of Specimen: No.1 Translucent plastic sheet(ATCC 8739)  
No.2 Translucent plastic sheet(ATCC 6538P)

### 1. Escherichia coli(ATCC 8739)、Staphylococcus aureus(ATCC 6538P)Antibacterial effect

Test Method: With reference to ISO 22196:2011 《Determination of antimicrobial activity of plastics and other nonporous surfaces》

No.	Test Items	Average number of live bacteria 0h Control Samples (CFU/cm <sup>2</sup> )	Average number of live bacteria 24h Control Samples (CFU/cm <sup>2</sup> )	Average number of live bacteria 24h Test Samples (CFU/cm <sup>2</sup> )	Antimicrobial Activity	Antibacterial Rate (%)
No.1	Escherichia coli (ATCC 8739)	2.3×10 <sup>4</sup>	9.7×10 <sup>6</sup>	0.63	7.2	99.9

No.	Test Items	Average number of live bacteria 0h Control Samples (CFU/cm <sup>2</sup> )	Average number of live bacteria 24h Control Samples (CFU/cm <sup>2</sup> )	Average number of live bacteria 24h Test Samples (CFU/cm <sup>2</sup> )	Antimicrobial Activity	Antibacterial Rate (%)
No.2	Staphylococcus aureus (ATCC 6538P)	2.0×10 <sup>4</sup>	6.8×10 <sup>5</sup>	1.7×10 <sup>3</sup>	2.6	99.8

### Note:

1. Antibacterial Rate=(C<sub>i</sub>-T<sub>i</sub>)/ C<sub>i</sub>
2. C<sub>i</sub>: Average number of live Bacteria 24h Control Samples (CFU/cm<sup>2</sup>)
3. T<sub>i</sub>: Average number of live Bacteria 24h Test Samples (CFU/cm<sup>2</sup>)

\*\*\* End of Report \*\*\*

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