



广微测
Gmicro Testing



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2026SP01074R02E

Name of Sample

HALOGLAS Far-Infrared Energy Block

Applicant

HEBEI MSD GLASS TECHNOLOGY CO., LTD.

Test Type

Entrustment Test



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Verification Code: KAAPBU7G

Name of Sample	HALOGLAS Far-Infrared Energy Block	Test Type	Entrustment Test
Applicant	HEBEI MSD GLASS TECHNOLOGY CO., LTD.	Address	JIAN SHE NAN STREET, DEVELOPMENT ZONE, HEJIAN CITY, HEBEI, CHINA.
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	30 pieces
Spec and Lot № of Sample	_____	State and Characteristic	Nubbly
Sample Received Date	2026-02-02	Completion Date	2026-02-26
Item Tested	Antimicrobial activity		
Test Standard and Method	GB/T 30706-2014		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report. Issue Date: 2026-02-26 (Official Seal) 检验检测专用章		
Remarks			

Editor: Hu Shaofang

Verifier: Chen Ling

Approver: Li Liangqiu



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2026SP01074R02E

Antimicrobial activity

1. Test method: GB/T 30706-2014

2. Test Result:

Test Organism	The number of bacteria on the inoculated treated samples at "0" contact time of control group (cfu/piece)	Under bright conditions the number of bacteria on the inoculated treated samples of control group (cfu/piece)	Under bright conditions the number of bacteria on the inoculated treated samples of test group (cfu/piece)	Under the dark conditions the number of bacteria on the inoculated treated samples of control group (cfu/piece)	The number of viable bacteria after the sample for photocatalysis was cultured under dark conditions (cfu/piece)	Antibacterial value under fluorescen (%)	Antibacterial rate R_{total} (%)
<i>Staphylococcus aureus</i> AS1.89	1.3×10^5	8.6×10^6	2.4×10^5	9.0×10^6	9.6×10^5	75	97

Conclusion: The original sample was sent for testing. After cultivation, the antibacterial rate (R_{total}) against *Staphylococcus aureus* was $> 90\%$, which conforms to the result determination in GB/T 30706-2014 (antibacterial rate (R_{total}) $\geq 90\%$, judged as having antibacterial effect). It is determined that this sample has an antibacterial effect against *Staphylococcus aureus* under the test conditions used.

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