



广微测  
Gmicro Testing



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中国认可  
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检测  
TESTING  
CNAS L1747

## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

### REPORT FOR ANALYSIS

**Report No.** 2021FM02019R02E

**Name of Sample** Hygea Air Home Purifier

**Applicant** Hygea International Ltd

**Test Type** Entrustment Test



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS



Report No.: 2021FM02019R02E Verification Code: 05169724

Name of Sample	Hygea Air Home Purifier	Test Type	Entrustment Test
Applicant	Hygea International Ltd	Address	Kemp House, 152-160 City Road, London EC1V 2NX, UK
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot No of Sample	110874	State and Characteristic	Machine
Sample Received Date	2021-01-26	Test Completion Date	2021-02-23
Test Standard and Method	Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.3.4 Simulated field test		
Item Tested	Disinfection efficiency for air		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	<p>Issue Date: 2021-02-26 (Official Seal)</p>		

Editor:

*Qiuwanchun*

Verifier:

*Sun Jias*

Approver:

*Xie Xiaobao*



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ANALYSIS AND TEST RESULT

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Action time	The tested organism	Serial Number	The number of Bacteria in the air (cfu/m <sup>3</sup> )	Killing rate (%)
0 (CK)	<i>Staphylococcus albus</i> 8032	1	1.1×10 <sup>5</sup>	
		2	9.6×10 <sup>4</sup>	
		3	9.1×10 <sup>4</sup>	
2h	<i>Staphylococcus albus</i> 8032	1	<7	>99.98
		2	<7	>99.98
		3	<7	>99.98

Photo of the sample:



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Remarks

- Method description: Tuned on the sample and switched to the highest gear (fifth), UV function and anion, kept it run for 2 hours. Sample the air with a Six level sieve pore striker air microorganism Sampler (JWL-6) at the flow rate 28.3L/min. The sampling time was 30s for blank control group and 5min for test group. The volume of test chamber was 10m<sup>3</sup>.
- The result of killing rate has eliminated the natural decay of microorganisms in the air.



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