



金鉴实验室



Report No.	2020022703-2
Total Pages	4

# Test Report

Sample UV Hg Lamp

Test Item Germicidal Test

Sample Submitted By Jiangmen Hanshi Lighting Appliance Co., Ltd



Gold Medal Analytical & Testing Group



# Test Report

**Client** Jiangmen Hanshi Lighting Appliance Co., Ltd

**Address** No.7 card, No.15, Zhongxing 4th Road, Hetang Town, Pengjiang district, Jiangmen City

**Contacts** Beisheng Zou **Tel No.** 13924934489

**E-mail** —

**Sample** UV Hg Lamp **Model** —

**Received Date** 27 Feb., 2020 **Quantity** 1pc

**Test Requested** Germicidal Test

**Test Date** 18 Mar.,2020~11 Mar.,2020 **Test Condition** 20~37°C/40~60%RH

**Test Method** According to “Disinfection technology standard”and the requirements of client.

**Remark** The sample information above is provided by the client.

## Test Result

The Tested organism	Test sample	No.	Testing conditions		The bacterial count after test (CFU/mL)	Sterilization rate (%)
			Action distance	Action time		
Escherichia coli (ATCC25922)	UV Hg Lamp	A1	control group		$2.7 \times 10^6$	-
		A2	1m	30min	<10	>99.99%
Candida albicans (ATCC10231)	UV Hg Lamp	B1	control group		$1.4 \times 10^6$	-
		B2	1m	30min	$3.6 \times 10^2$	>99.97%
Staphylococcus albicans (8799)	UV Hg Lamp	C1	control group		$1.7 \times 10^6$	-
		C2	1m	30min	<10	>99.99%
Staphylococcus aureus (CMCC(B)26003)	UV Hg Lamp	D1	control group		$6.8 \times 10^6$	-
		D2	1m	30min	$7 \times 10^1$	>99.99%



<b>Main-Inspector:</b> Xiaoliang Luo	<b>Reviewer:</b> Kaixuan Lin	<b>Approver:</b> Fang Fang
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# Test Data

## 1. Sample Description



Samples sent by client

## 2. Test Method

According to the technical specifications for disinfection and the requirements of client, place the bacterial carriers below the UV Hg lamp, after action for a certain time, wash the bacterial from the carriers, calculate the sterilization rate by the method of bacterial culture and count.

Test conditions:

- 1) Action distance: 1m;
- 2) Action Time: 30min.

Calculation Method:

Sterilization rate= (The bacterial count in control group - The bacterial count in experimental group) / The bacterial count in control group \* %

## 3. Test Result

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# NOTES

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6. The test results only reflect the evaluation of the sample sent by client. GMATG shall not be liable for any direct or indirect losses incurred by client in the use of test results.
7. The sample will be kept for 3 months by default after the case is closed. If the client does not propose the sample processing method during the sample retention period, we will destroy the sample after the deadline.

.....End of report .....