



广微测
Gmicro Testing



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CNAS L1747

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2024SP11533R01E

Silver ion generator

(disinfection and sterilization liquid manufacturing

Name of Sample

machine)

Applicant

Guangdong Kailian E-Commerce CO.,LTD.

Test Type

Entrustment Test



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS



Report No.) 2024SP11533R01E

Verification Code: G83EKRDC

Name of Sample	Silver ion generator (disinfection and sterilization liquid manufacturing machine)	Test Type	Entrustment Test
Applicant	Guangdong Kailian E-Commerce CO.,LTD.	Address	NO.13 BLD 7, Jieyang International Metal Material Market, Rongcheng District, Jieyang, Guangdong
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One
Spec and Lot No of Sample	—	State and Characteristic	Machine
Sample Received Date	2024-09-14	Test Completion Date	2024-10-16
Item Tested	Suspension quantitative sterilization test		
Test Standard and Method	WS/T 650-2019 (5.2.1)		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report. Issue Date: 2024-10-16  (Official Seal) 检验检测专用章		
Remarks			

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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2024SP11533R01E

Suspension quantitative sterilization test

1. Test method: WS/T 650-2019 (5.2.1)
2. Action time: 15 min
3. Action concentration: Stock solution
4. Test result:

Test organisms	Test times	Average cfu of testing groups (CFU/mL)	Average cfu of positive controls (CFU/mL)	Sterilization rate (%)
<i>Malassezia furfur</i> ATCC 44344	1	<10	4.9×10^4	>99.98
	2	<10	4.1×10^4	>99.98
	3	<10	4.8×10^4	>99.98
<i>Propionibacterium acnes</i> ATCC 11827	1	<10	5.7×10^4	>99.98
	2	<10	5.4×10^4	>99.98
	3	<10	5.2×10^4	>99.98
<i>Microsporium canis</i> ATCC 36299	1	<10	4.5×10^4	>99.98
	2	<10	4.0×10^4	>99.98
	3	<10	4.6×10^4	>99.98
<i>Microsporium gypseum</i> ATCC 14683	1	<10	5.5×10^4	>99.98
	2	<10	5.1×10^4	>99.98
	3	<10	5.8×10^4	>99.98

5. Conclusion: The concentration of the sample for the test was stock solution, and the action time was 15 min. The bactericidal rates of *Malassezia furfur*, *Propionibacterium acnes*, *Microsporium canis*, *Microsporium gypseum* were all > 99.98%, which was in line with the results of WS/T 650-2019 (5.2.1.7) (The bactericidal rate for the time specified in the instructions was $\geq 99\%$, The sample was judged to have strong antibacterial action against the tested strains under the test conditions.

(to continue)



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ANALYSIS AND TEST RESULT

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photo of the sample:



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