

CONG TY CO PHAN PHAN PHOI QUOC TE GENEX

123A - GO DAU, PHUONG TAN QUY, QUAN TAN PHU, TP HO CHI MINH, VIET NAM.

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL2111023243EE

Sample Description : UVC STERILIZER WITH DRYER SUPER 5 - FB4709TN

Characteristic : PLASTIC, STAINLESS STEEL/ WHITE

Sample Receiving Date : DECEMBER 15, 2021

Final confirmed Date : DECEMBER 15, 2021

Testing Period : DECEMBER 15, 2021 TO DECEMBER 31, 2021

Test Required : STERILIZATION EFFICACY EVALUATION

Test Results : PLEASE REFER TO NEXT PAGE(S).

Signed for and on behalf of

SGS Vietnam LTD**To Ka Wing**

Chemical Lab Manager

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Test Report

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Test results:

Test Requested: Sterilization efficacy evaluation

Test Method: Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.5

Test organism(s): Staphylococcus aureus ATCC 6538, Candida albicans ATCC 10231, Pseudomonas aeruginosa ATCC 15442, Klebsiella pneumoniae ATCC 4352, Escherichia coli 8099

Test organism	Concentration of bacteria (cfu/mL)	Test time	Average survival bacteria from control sample (cfu/piece)	Average survival bacteria from sample (cfu/piece)	Killing log value	Killing rate (*) (%)
Staphylococcus aureus ATCC 6538	3.8x10 ⁹	10 min	1.6x10 ⁶	<5.0	>5.50	>99.99%
	4.0x10 ⁹	10 min	1.7x10 ⁶	<5.0	>5.53	>99.99%
	4.0x10 ⁹	10 min	1.7x10 ⁶	<5.0	>5.53	>99.99%
Candida albicans ATCC 10231	1.7x10 ⁹	10 min	7.3x10 ⁵	1.0x10 ¹	4.86	>99.99%
	1.7x10 ⁹	10 min	7.3x10 ⁵	1.3x10 ¹	4.77	>99.99%
	1.8x10 ⁹	10 min	7.5x10 ⁵	1.3x10 ¹	4.77	>99.99%
Pseudomonas aeruginosa ATCC 15442	1.7x10 ⁹	10 min	6.8x10 ⁵	<5.0	>5.13	>99.99%
	1.7x10 ⁹	10 min	6.8x10 ⁵	<5.0	>5.13	>99.99%
	1.6x10 ⁹	10 min	6.5x10 ⁵	<5.0	>5.11	>99.99%
Klebsiella pneumoniae ATCC 4352(**)	2.0x10 ⁹	10 min	8.3x10 ⁵	<5.0	>5.22	>99.99%
	1.9x10 ⁹	10 min	8.0x10 ⁵	<5.0	>5.20	>99.99%
	2.0x10 ⁹	10 min	8.3x10 ⁵	<5.0	>5.22	>99.99%
Escherichia coli 8099	2.0x10 ⁹	10 min	8.5x10 ⁵	<5.0	>5.23	>99.99%
	1.9x10 ⁹	10 min	8.3x10 ⁵	<5.0	>5.22	>99.99%
	1.9x10 ⁹	10 min	8.3x10 ⁵	<5.0	>5.22	>99.99%

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Notes:

1. Test distance: The glass was used as the carrier of the microbial sheet. During the test, the microbial sheet was placed in the middle of the first shelf.
2. Test time: 10 min.
3. The sterilization is carried out in accordance with the instruction of product.
4. (*) The calculation formula of Killing rate is $[(A-B)/A]*100\%$;
A: Average survival bacteria from control sample (cfu/piece)
B: Average survival bacteria from sample (cfu/piece)
5. (**) According to client's requirement, test item *Klebsiella pneumoniae* ATCC 4352 was tested with reference to Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.5.

Remark: This / these test(s) was / were performed by SGS's China lab.

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PHOTO OF SUBMITTED SAMPLE FOR TESTING



REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY

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

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