

This report cancels and supersedes the report No VNHL2106012778EE dated July 14, 2021 issued by SGS Vietnam.

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(s) was/were submitted and identified by/on behalf of the client as:

SGS Job No. : VNHL2106012778EE-01

Sample Description : UV STERILIZER WITH DRYER THUNDER 3- FB4713TN

Color : WHITE, GRAY

Characteristic : PLASTIC, STAINLESS STEEL

Sample Receiving Date : JUNE 17, 2021

Final confirmed Date : JULY 14, 2021

Testing Period : JUNE 17, 2021 TO JULY 14, 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 Result(s) :

 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	4.2x10 ⁹	10 min	1.9x10 ⁶	1.5x10 ¹	5.10	>99.9%
	4.1x10 ⁹	10 min	1.9x10 ⁶	1.5x10 ¹	5.10	>99.9%
	4.3x10 ⁹	10 min	1.9x10 ⁶	1.5x10 ¹	5.10	>99.9%
Candida albicans ATCC 10231	4.7x10 ⁹	10 min	2.2x10 ⁶	<5.0x10 ⁰	>5.64	>99.9%
	4.5x10 ⁹	10 min	2.1x10 ⁶	<5.0x10 ⁰	>5.62	>99.9%
	4.6x10 ⁹	10 min	2.1x10 ⁶	<5.0x10 ⁰	>5.62	>99.9%
Pseudomonas aeruginosa ATCC 15442	1.2x10 ⁹	10 min	5.0x10 ⁵	<5.0x10 ⁰	>5.00	>99.9%
	1.3x10 ⁹	10 min	5.3x10 ⁵	<5.0x10 ⁰	>5.02	>99.9%
	1.3x10 ⁹	10 min	5.3x10 ⁵	<5.0x10 ⁰	>5.02	>99.9%
Klebsiella pneumoniae ATCC 4352**	1.3x10 ⁹	10 min	5.0x10 ⁵	<5.0x10 ⁰	>5.00	>99.9%
	1.4x10 ⁹	10 min	5.5x10 ⁵	<5.0x10 ⁰	>5.04	>99.9%
	1.3x10 ⁹	10 min	5.0x10 ⁵	<5.0x10 ⁰	>5.00	>99.9%
Escherichia coli 8099	4.5x10 ⁹	10 min	2.1x10 ⁶	<5.0x10 ⁰	>5.62	>99.9%
	4.6x10 ⁹	10 min	2.1x10 ⁶	<5.0x10 ⁰	>5.62	>99.9%
	4.4x10 ⁹	10 min	2.0x10 ⁶	<5.0x10 ⁰	>5.60	>99.9%

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Notes :

1. Test position: in the middle of the bottom.
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 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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