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检测
TESTING
CNAS L0599

Test Report

ASH21-074825-06

Date: 18 Nov 2021

Client Name: BH Medical Products Co., Ltd.
Client Address: No.90 Shenjiang villagers` group, Zhangjiacunwei, Xilin Street, Zhonglou District,
213024,Changzhou City, Jiangsu Province, People's Republic of China

Sample Name: Disinfectant Wiper
Manufacturer: BH Medical Products Co., Ltd.
Sample Batch No.: 20211009
Production Date: 20211009

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of Sample Received : 26 Oct 2021
Testing Period : 26 Oct 2021 - 18 Nov 2021
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Chinese shall prevail in this report.

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SGS Authorized Signature

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Sample Description :

Specimen No.	SGS Sample ID	Description
1	ASH21-074825.003	liquid in bottle

Test Result(s) :

Test Requested : 1.Neutralizer efficacy test for the submitted sample(s)
 2.Fungicidal activity test for the submitted sample(s)
 Bactericidal activity test for the submitted sample(s)

Test Method : 1.Ministry of health of the People`s Republic of China, Technical Standard For disinfection (2002) 2.1.1.5.5 Neutralizer efficacy test method of Quantitative suspension test
 2.Ministry of health of the People`s Republic of China, Technical Standard For disinfection (2002)2.1.1.9 Fungi sterilization test: Quantitative suspension test
 Ministry of health of the People`s Republic of China, Technical Standard For disinfection (2002)2.1.1.7 Bacteria quantitative sterilization test, 2.1.1.7.4 Operation procedure of Quantitative suspension test

ASH21-074825.003

Test organism(s) Candida Albicans ATCC10231

	Average survival fungi (cfu/mL) Repeat 1	Average survival fungi (cfu/mL) Repeat 2	Average survival fungi (cfu/mL) Repeat 3
Test time (min)	5	5	5
Test group 1.Disinfectant + fungi suspension→cultivate	<10	<10	<10
Test group 2.(Disinfectant+ fungi suspension)+ neutralizer→cultivate	70	50	60
Test group 3.Neutralizer + fungi suspension→cultivate	2.1x10 ⁷	2.1x10 ⁷	2.1x10 ⁷
Test group 4.(Disinfectant + neutralizer)+ fungi suspension→cultivate	2.1x10 ⁷	2.1x10 ⁷	2.1x10 ⁷
Test group 5.Diluent+ fungi suspension→cultivate	2.1x10 ⁷	2.2x10 ⁷	2.1x10 ⁷

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	Average survival fungi (cfu/mL) Repeat 1	Average survival fungi (cfu/mL) Repeat 2	Average survival fungi (cfu/mL) Repeat 3
Test group 6.Diluent+ neutralizer + medium	No fungi growth	No fungi growth	No fungi growth
The error rate between test group 3,4,5(%)	0	2	0
The test evaluating of neutralizer	Pass	Pass	Pass
Comment	Conform, can be used in the fungicidal test		

Test organism(s)	Staphylococcus Aureus ATCC6538		
	Average survival bacteria (cfu/mL) Repeat 1	Average survival bacteria (cfu/mL) Repeat 2	Average survival bacteria (cfu/mL) Repeat 3
Test time (min)	5	5	5
Test group 1.Disinfectant + bacterial suspension→cultivate	<10	<10	<10
Test group 2.(Disinfectant+ bacterial suspension)+ neutralizer→cultivate	80	80	70
Test group 3.Neutralizer + bacterial suspension→cultivate	1.6x10 ⁷	1.6x10 ⁷	1.6x10 ⁷
Test group 4.(Disinfectant + neutralizer)+ bacterial suspension→cultivate	1.6x10 ⁷	1.6x10 ⁷	1.6x10 ⁷
Test group 5.Diluent+ bacterial suspension→cultivate	1.7x10 ⁷	1.8x10 ⁷	1.7x10 ⁷
Test group 6.Diluent+ neutralizer + medium	No bacteria growth	No bacteria growth	No bacteria growth

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	Average survival bacteria (cfu/mL) Repeat 1	Average survival bacteria (cfu/mL) Repeat 2	Average survival bacteria (cfu/mL) Repeat 3
The error rate between test group 3,4,5(%)	4	4	2
The test evaluating of neutralizer	Pass	Pass	Pass
Comment	Conform, can be used in the bactericidal test		

Test organism(s)	Candida Albicans ATCC10231		
	Test repeat times-1	Test repeat times-2	Test repeat times-3
Fungi concentration (cfu/mL)	3.1x10 ⁷	3.1x10 ⁷	3.1x10 ⁷
Test time (minute) 1	5	5	5
Log value of survival fungi from control sample 1 (No)	5.51	5.54	5.48
Log value of survival fungi from sample 1 (Nx)	<0.00	<0.00	<0.00
Log reduction value of fungi 1 (KL= No- Nx)	>5.51	>5.54	>5.48
Comment	Pass		

Test organism(s)	Staphylococcus Aureus ATCC6538
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	Test repeat times-1	Test repeat times-2	Test repeat times-3
Bacteria concentration (cfu/mL)	4.5x10 ⁸	4.5x10 ⁸	4.5x10 ⁸
Test time (minute) 1	5	5	5
Log value of survival bacteria from control sample 1 (N ₀)	6.59	6.64	6.61
Log value of survival bacteria from sample 1 (N _x)	<0.00	<0.00	<0.00
Log reduction value of bactericidal 1 (KL= N ₀ - N _x)	>6.59	>6.64	>6.61
Comment	Pass		

Test organism(s) Escherichia coli 8099

	Test repeat times-1	Test repeat times-2	Test repeat times-3
Bacteria concentration (cfu/mL)	3.8x10 ⁸	3.8x10 ⁸	3.8x10 ⁸
Test time (minute) 1	5	5	5
Log value of survival bacteria from control sample 1 (N ₀)	6.52	6.53	6.52
Log value of survival bacteria from sample 1 (N _x)	<0.00	<0.00	<0.00
Log reduction value of bactericidal 1 (KL= N ₀ - N _x)	>6.52	>6.53	>6.52

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	Test repeat times-1	Test repeat times-2	Test repeat times-3
Comment	Pass		

Test organism(s) Pseudomonas Aeruginosa ATCC 15442

	Test repeat times-1	Test repeat times-2	Test repeat times-3
Bacteria concentration (cfu/mL)	1.2x10 ⁸	1.1x10 ⁸	1.1x10 ⁸
Test time (minute) 1	5	5	5
Log value of survival bacteria from control sample 1 (N ₀)	6.04	6.04	6.04
Log value of survival bacteria from sample 1 (N _x)	<0.00	<0.00	<0.00
Log reduction value of bactericidal 1 (KL= N ₀ - N _x)	>6.04	>6.04	>6.04
Comment	Pass		

Test organism(s) Klebsiella pneumoniae ATCC 4352

	Test repeat times-1	Test repeat times-2	Test repeat times-3
Bacteria concentration (cfu/mL)	1.9x10 ⁸	1.9x10 ⁸	1.9x10 ⁸
Test time (minute) 1	5	5	5

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	Test repeat times-1	Test repeat times-2	Test repeat times-3
Log value of survival bacteria from control sample 1 (N ₀)	6.26	6.26	6.26
Log value of survival bacteria from sample 1 (N _x)	<0.00	<0.00	<0.00
Log reduction value of bactericidal 1 (KL= N ₀ - N _x)	>6.26	>6.26	>6.26
Comment	Pass		

Notes :

1. Neutralizer efficacy test

Neutralizer: PBS solution with 3g/L lecithin + 30g/L Tween 80 + 30g/L soap base

Concentration of test samples:stoste

Test time:5min

Organic interfering substance: 3%(W/V) bovine serum albumin stores solution

2. Fungicidal activity test & Bactericidal activity test

Concentration of test samples:stoste

Organic interfering substance:3%(W/V) bovine serum albumin stores solution

The evaluation of Ministry of health of the People`s Republic of China, Technical Standard For disinfection (2002) 2.1.1.9.6: When test the product with quantitative suspension test, the log value of fungi of 3 test times all ≥4.00 under the condition that use the minimal sample concentration and contact time according to the product manual, the test is pass.

The evaluation of Ministry of health of the People`s Republic of China, Technical Standard For disinfection (2002) 2.1.1.7.7 :

When test the product with quantitative suspension test, the log value of bactericidal of 3 test times all ≥5.00 under the condition that use the minimal sample concentration and contact time according to the product manual, the test is pass.

Unless otherwise stated, the judgement of compliance in this report is based on whether the test result is within the specified limits or specifications with no account taken of the uncertainty.

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Sample photo:



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