

Test Report	No: GZCPCH201005939E	Date:	2020-11-05

Client name:	Fuzhou Juanjuan non-woven Products Co.,Ltd.
Client address:	No. 65 Yangqi Road, Cangshan district, Fuzhou, Fujian Province
Sample name:	75% Alcohol wipes (50 wipes)
Batch No./Date:	20200917
Manufacturer:	Fuzhou Juanjuan non-woven Products Co.,Ltd.

Above 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.

SGS job No.:	GZCPCH201005939
Date of receipt:	2020-10-15
Testing period:	2020-10-15~2020-11-05

TEST(S) REQUESTED:

Selected test(s) as requested by applicant: Please refer to next page(s).

TEST METHOD(S):

Please refer to next page(s).

TEST RESULT(S): Please refer to next page(s).

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Authorized Signature Denny Li

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A:

Evaluation of bactericidal activity

TEST METHOD(S):

With reference to EN 1276-2019 Chemical disinfectants and antiseptics-Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas-Test method and requirements (phase 2, step 1)

TEST RESULT(S):

a.Test organism: Staphylococcus aureus ATCC 6538

Validation and controls

Vali Suspen	dation sion (Nv₀)	Experimenta contro	l conditions I (A)	ditions Neutralizer or filtration control (B)		Method validation (C)		
X	71	X	55	X	57	X	57	
30≤ ∡ of	Nv₀≤160?	af A is≥0.∜	5x∓of Nv₀?	x of B is≥0.	5x x of Nv₀?	⊼ of C is	≥0.5x	
Xyes	□no	Xyes	□no	Xyes	□no	Xy	es □no	

Test suspension and Test

	lgN	lgN₀
Test-suspension (N and N_0):	8.26	7.26
	7.17≤lg N₀≤7	7.70? Xyes □no

Contact time	lg Na	lg R	Bactericidal rate*
5 min	<2.15	>5.11	>99.99%

b.Test organism: Escherichia coli ATCC 10536

Validation and controls

Validation Suspension (Nv_{0})		Experimental conditions Control (A)		Neutralizer or filtration control (B)		Method	validation (C)
X	79	X	68	X	72	X	58
30≤ ∡ of	⁻ Nv₀≤160?	of A is≥0.	5x ∓of Nv₀?	x of B is≥0.	5x x of Nv₀?	x of C is	≥0.5x
Xyes	s □no	Xyes	□no	Xyes	□no	Ху	es □no

Test suspension and Test

	lgN	lgN₀
Test-suspension (N and N ₀):	8.18	7.18
	7.17≤lg N₀≤7	7.70? Xyes □no

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Contact time	lg Na	lg R	Bactericidal rate*
5 min	<2.15	>5.03	>99.99%

c.Test organism: Pseudomonas aeruginosa ATCC 15442

Validation and controls

Validation Suspension (Nv ₀)		Experimental conditions control (A)		Neutralizer or filtration control (B)		Method	validation (C)
X	69	X	67	X	63	X	69
30≤₮ of Nv₀≤160?₮ of A is≥0.5x₮ of Nv₀?Xyes□noXyes□no		Tof B is≥0.5xTof Nv₀?Xyes□no		v Interest			

Test suspension and Test

	lgN		lgN₀		
Test-suspension (N and N_0):	8.34		7.34		
	7.17≤lg N₀≤7.70? Xyes □no				
Contact time	lg Na	lg R	Bactericidal rate*		
5 min	<2.15	>5.19	>99.99%		

d. Test organism: Enterococcus hirae ATCC 10541

Validation and controls

Validation Suspension (Nv ₀)		Experimental conditions control (A)		Neutralizer or filtration control (B)		Method	validation (C)
X	89	\overline{X}	67	\overline{X}	63	X	61
30≤ <i>∓</i> of Xyes	30≤x of Nv₀≤160? x of A is≥0.5x x of Nv₀? Xyes □no				ਡਾ of C is≥0.5x ਡਾ of Nv₀? ⊠yes □no		

Test suspension and Test

Test-suspension (N and N_0):	lgN	lgN₀
	8.23	7.23
	7.17≤lg N₀≤7.70? Xyes □no	

Contact time	Lg Na	Lg R	Bactericidal rate*
5 min	<2.15	>5.08	>99.99%

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Remark:

1.Experimental conditions Product test concentrations: 80% Contact time: 5 min

Test temperature: 20°C

Interfering substance: 0.3g/L of bovine albumin

Incubation temperature: 36°C

Stability and appearance of the mixture during the procedure: test mixture were homogeneous Membrane filtration method, rising liquid: PBS

2.Explanation:

N: Number of survivors per ml in the test bacterial suspensions N₀: Number of survivors per ml in the test mixtures at the beginning of the contact time (time =0) Na: Number of survivors per ml in the test mixtures at the end of the contact time R = reduction (lg $R = Ig N_0 - Ig Na$)

B: Evaluation of fungicidal activity

TEST METHOD(S):

With reference to EN 1650-2019 Chemical disinfectants and antiseptics-Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas-Test method and requirement(phase 2,step 1)

TEST RESULT(S):

a. Test Organism: Candida albicans ATCC 10231

Validation and controls

Vali Suspen	dation sion (Nv₀)	Experimenta contro	l conditions I (A)	Neutralizer contr	or filtration ol (B)	Method	validation (C)
X	66	X	61	X	62	X	61
30≤ ∡ of	Nv₀≤160?		5x ∡ of Nv₀?	.⊼of B is≥0	5x x of Nv₀?	T of C is	≥0.5x x of Nv₀?
Xyes	□no	Xyes	□no	Xyes	□no	Хy	es □no

Test suspension and Test

Test-suspension (N and N ₀):		lgN	lgN₀
		7.30	6.30
		6.17≤lg N₀≤6	5.70? <mark>X</mark> yes □no
Contact time	Lg Na	Lg R	Bactericidal rate*
15 min	<2.15	>4.15	>99.99%

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b. Test Organism: Aspergillus niger ATCC 16404

Validation and controls

Vali Suspen	dation sion (Nv₀)	Experimenta contro	l conditions I (A)	Neutralizer contre	or filtration ol (B)	Method	validation (C)
X	49	X	48	X	46	X	44
30≤ <i></i> r of Xyes	Nv₀≤160? s □no	⊽of A is≥0. Xyes	5x	≇of B is≥0. Xyes	5x x of Nv₀? □no	I of C is I Xy	≥0.5x <i>∓</i> rof Nv₀? es □no

Test suspension and Test

	lgN	lgN₀	
Test-suspension (N and N_0):	7.18	6.18	
	6.17≤lg N₀≤6.70? Xyes ⊔ no		

Contact time	Lg Na	Lg R	Bactericidal rate*
15 min	<2.15	>4.03	>99.99%

Remark:

Experimental conditions
 Product test concentrations: 80%
 Contact time: 15 min
 Test temperature: 20°C
 incubation temperature: 30°C
 Interfering substance: 0.3g/L of bovine albumin
 Stability and appearance of the mixture during the procedure: test mixture were homogeneous
 Membrane filtration method, rising liquid: PBS
 Output
 Description:
 Description:
 Description:
 Test test mixture were homogeneous
 Description:
 Description:

2.Explanation:

N: Number of survivors per ml in the test fungal suspensions N₀: Number of survivors per ml in the test mixtures at the beginning of the contact time (time =0) Na: Number of survivors per ml in the test mixtures at the end of the contact time R = reduction (Ig $R = Ig N_0 - Ig Na$)

* As the client's requirement, added Bactericidal rate.

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SAMPLE DESCRIPTION:

on & Test

Sample in bag(liquid)

Photo Appendix



*** End of Report***

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