Test Report Number: GZHH0037679601

Applicant: Fuzhou Juanjuan non-woven Products Co., Ltd.
No.65 Yangqi Road, Cangshan district, Fuzhou, Fujian Province

Date: Sep 02, 2020

Sample Description:

One (1) style of submitted sample said to be :

Item Name	:	**50 alcohol wipes.**
Item Batch	:	**20200605.**
Manufacturer	:	Fuzhou Juanjuan non-woven Products Co. , Ltd.
Goods Export To	:	Canada.
Country of Origin	:	China.
Date Sample Received	:	Aug 19, 2020

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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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Conclusion:

Tested Sample	Standard	Result
Tested component(s) of submitted sample(s)	BS 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)	Pass

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Intertek GM Testing Service Zhuhai Co. Ltd.

Sarah Xu
Asst. Manager
Healthcare and Beauty Products

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Tests Conducted

1. Quantitative suspension test for evaluation of bactericidal activity of chemical disinfectants and antiseptics

With reference to BS EN 1276:2019

Dilution recommended for use:	No dilution
Product test concentration:	80% v/v
Active ingredient in product:	Ethanol
Appearance:	Colorless liquid
Contact time:	60s±5s
Test temperature:	(20±1)°C
Interfering substance:	0.3g/L bovine albumin (clean condition)
Inhibition method:	Dilution-neutralization
Neutralizing solution:	D/E neutralizing broth
Incubation:	(37±1)°C, 48 hours
Agar medium:	Trypticase Soy Agar
Test culture:	Escherichia coli K12 (NCTC 10538) Pseudomonas aeruginosa (ATCC 15442) Staphylococcus aureus (ATCC 6538) Enterococcus hirae (ATCC 10541)

Controls & validation:

Test microorganism	Validation suspension (cfu/ml) Nv Nv_0=1/10Nv **Criteria:** **300 ⩽ Nv ⩽ 1600**	Experimental conditions control (cfu/ml) A **Criteria:** **A ⩾0.5 Nv_0**	Neutralizer control (cfu/ml) B **Criteria:** **B ⩾0.5 Nv_0**	Method validation (cfu/ml) C **Criteria:** **C ⩾0.5 Nv_0**	Validity
Escherichia coli K12 (NCTC 10538)	1000	68	62	86	Valid
Pseudomonas aeruginosa (ATCC 15442)	550	39	52	57	Valid
Staphylococcus aureus (ATCC 6538)	1000	100	95	97	Valid
Enterococcus hirae (ATCC 10541)	490	55	53	57	Valid

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Result:

Test microorganism	Initial suspension(N) (cfu/ml) N_0=1/10N **Criteria: $1.5x10^8 \leq N \leq 5.0x10^8$**	Final count (cfu/ml) Na	R(Log_{10} Reduction) =Log N_0-Log Na **Criteria: R ≥ 5.0**	%Reduction **Criteria: ≥99.999**	Assessment
Escherichia coli K12 (NCTC 10538)	$3.6x10^8$	<140	>5.0	>99.999	Meet
Pseudomonas aeruginosa (ATCC 15442)	$2.4x10^8$	<140	>5.0	>99.999	Meet
Staphylococcus aureus (ATCC 6538)	$4.0x10^8$	<140	>5.0	>99.999	Meet
Enterococcus hirae (ATCC 10541)	$2.1x10^8$	<140	>5.0	>99.999	Meet

Remark:

N = Test suspension, Number of cells per ml in bacterial suspensions.

N_0 = (N_0=1/10N),Number of cells 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.

Nv = Validation suspension, Number of cells per ml in bacterial suspensions.

Nv_0 = (Nv_0 =1/10Nv),Number of cells per ml in the test mixtures at the beginning of the contact time (time 0).

A,B,C = Represent the different control test mixtures, A(experimental conditions control), B(Neutralizer control), C(Method validation)

Criteria: According to BS EN 1276:2019, in order to satisfy the requirement of bactericidal efficacy of chemical disinfectants and antiseptics, the product shall demonstrate at least a 5 decimal logarithm (lg) reduction (3 lg for handwashes) of the specified test organisms under the obligatory sample contact time, test temperature, and the simulated clean conditions according to its practical applications when the product is tested at its intended use dilution.

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Tests Conducted

Sample received condition: Sample in closed original package.

Date sample received: Aug 19, 2020
Testing period: Aug 19, 2020 to Sep 01, 2020

The report is in both English and Chinese versions (GZHH0037679601&GZHH0037679602), when the Chinese version in conflict, the final interpretation is based the English version GZHH0037679601.

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End of report

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