

10/27/2020

ALCOHOL Antiseptic Wipes



AG+



( Received This Information )  
By Billie Mills

# TEST REPORT Flammable!

Contains 75% Alcohol  
and Silver Ions.  
Keep out of reach of children  
unless with adult supervision.  
Do not flush.  
Avoid Contact with eyes of  
Inner Mouth.

**Report No.:** NTS2004135S

**Product:** Alcohol Antibacterial Wipes

**Model No.:** -

**Applicant:** Kunming Ansheng Industry & Trade Co., Ltd.

**Address:** Xichong Industrial Park, Dabanqiao Town, Guandu District,  
Kunming, Yunnan Province, China

**Issued by:** NOWD Testing Services Co., Ltd.

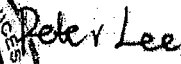
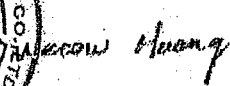
**Lab Location:** 7/F, No. 4, Guangshen Road Xixiang Section, Liutang, Xixiang  
Street, Bao'an District, Shenzhen, China

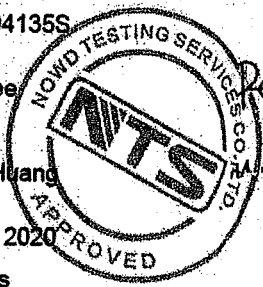
**Tel:** (86)-0755-27830065 **Fax** (86)-0755-27830095

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<b>TEST REPORT</b> <b>EN 1276</b> <b>Chemical disinfectants and antiseptics —</b> <b>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)</b>	
Report Number .....	NTS2004135S
Tested by (+ signature) .....	Peter Lee 
Compiled by (+ signature) .....	Weton Huang 
Date of issue .....	May 08, 2020
Total number of pages .....	10 pages
Testing laboratory .....	NOWD Testing Services Co., Ltd.
Address .....	7/F, No. 4, Guangshen Road Xixiang Section, Liutang, Xixiang Street, Bao'an District, Shenzhen, China
Testing location .....	As above
Applicant's name .....	Kunming Ansheng Industry & Trade Co., Ltd.
Address .....	Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming, Yunnan Province, China
Manufacturer .....	Kunming Ansheng Industry & Trade Co., Ltd.
Address .....	Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming, Yunnan Province, China
<b>Test specification:</b>	
Standard .....	EN 1276: 2019
Test procedure .....	Type test
Non-standard test method .....	N/A
Test Report Form No. ....	EN1276b
Master TRF .....	Dated 2019-12
<b>This test report is specially limited to the above client company and product model only. It may not be duplicated without prior written consent of NOWD Testing Services Co., Ltd.</b>	
Test item description .....	Alcohol Antibacterial Wipes
Trade Mark .....	N/A
Model/Type reference .....	--
Ratings .....	--



EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Applicant's name**.....: Kunming Ansheng Industry & Trade Co., Ltd.  
**Address** .....: Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming, Yunnan Province, China  
**Manufacturer**.....: Kunming Ansheng Industry & Trade Co., Ltd.  
**Address** .....: Xichong Industrial Park, Dabanqiao Town, Guandu District, Kunming, Yunnan Province, China

**TEST PRODUCT**.....: Alcohol Antibacterial Wipes  
**Other product name** .....: Baby Wipes, Adults Wipes, Make-Up Remover Wipes, Lady Wipes, Pet Wipes, Kitchen Wipes, Car Wipes, Shoes Cleaning Wipes, Floor Wipes, Toilet Wipes, Skin Care Wipes, Household Cleaning Wipes, Antibacterial Wipes, Lens Cleaning Wipes, Hand Sanitizer, Disinfectant Gel, Alcohol Spray, Wet Towel, Disposable Bath Robe, Bath Towel, Dry Towel, Disposable Bed Sheet  
**Batch number** .....: Not Stated  
**Lot number** .....: Not Stated  
**Date of delivery**.....: April 09, 2020  
**STORAGE CONDITIONS** .....: Room temperature in darkness  
**Product diluent recommended by the manufacturer for use** .....: Not Stated  
**Active substance(s) and their concentrations (s) (optional)** .....: Not Stated  
**Appearance of the product** .....: White solid sheet contain liquid

**TEST ORGANISMS**

Pseudomonas aeruginosa	ATCC 15442
Escherichia coli	ATCC 10536
Staphylococcus aureus	ATCC 6538
Enterococcus hirae	ATCC 10541

**Notes:**

1) The test results in this report relate only to the sample(s) tested.



EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Test method and its validation:**

Method.....: Dilution-neutralisation  
 Neutraliser.....: 30.0 g/l Polysorbate 80 + 3.0g/l Lecithin + 1.0 g/l L-histidine + 1.0 g/l L-cysteine (Neutraliser A)  
 Neutraliser validation.....: Validated in accordance with EN 1276:2019 (5.5.2)

**Experimental conditions:**

Period of analysis.....: April 13, 2020 to April 16, 2020  
 Product test concentration(s) .....: 100%  
 Active ingredient in product .....: Ethanol, Chlorhexidine di(acetate), Benzalkonium chloride  
 Diluent used for product test solution(s) .....: Hard water (N/A for neat)  
 Contact time(s) .....: 5 min ± 10 s  
 Test temperature(s) .....: 20°C ± 1°C  
 Interfering substance .....: 0.3 g/l bovine albumin (clean conditions)  
 Temperature of incubation.....: 36°C ± 1°C  
 Identification of the bacterial strain(s) used.....: Pseudomonas aeruginosa (ATCC 15442)  
 Escherichia coli (ATCC 10536)  
 Staphylococcus aureus (ATCC 6538)  
 Enterococcus hirae (ATCC 10541)

**Deviations:** None

**Requirements:**

The product shall demonstrate at least a 5 decimal log (lg) reduction against all test organisms.

**Conclusion:**

According to EN 1276: 2019, Test Sample possesses bactericidal activity when tested neat, with a contact time of 5 minutes at 20°C under clean conditions against all of the referenced strains of Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus and Enterococcus hirae.

EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Test result: (1)**

Test organism .....	Pseudomonas aeruginosa (ATCC 15442)		
Date of test .....	April 13, 2020		
Test temperature .....	20°C ± 1°C	Incubation temperature .....	36°C ± 1°C
Dilution-neutralisation method ..	Pour plate	Number of plates .....	1 / ml
Neutraliser .....	A	Test conditions .....	Clean conditions

**Validation and controls:**

Validation suspension (N <sub>v0</sub> )			Experimental Conditions control (A)			Neutralizer or filtration control (B)			Method validation (C) Product conc.: 10 ml/L		
Vc1	62	$\bar{x} = 64$	Vc1	68	$\bar{x} = 69.5$	Vc1	66	$\bar{x} = 68$	Vc1	67	$\bar{x} = 68.5$
Vc2	66		Vc2	71		Vc2	70		Vc2	70	
30 ≤ $\bar{x}$ of N <sub>v0</sub> ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of A is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of B is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of C is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension (N and N<sub>0</sub>):**

N	Vc1	Vc2	$\bar{x}$ wm = 4.10 x 10 <sup>8</sup> ;    lg N = 8.61 N <sub>0</sub> = N/10;                lg N <sub>0</sub> = 7.61 7.17 ≤ lg N <sub>0</sub> ≤ 7.70? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
10 <sup>-6</sup>	> 330	> 330	
10 <sup>-7</sup>	44	43	

**Test:**

Conc. of the product	Contact time (min)	Vc1	Vc2	Na = $\bar{x}$ * 10	lg Na	lg R (lg N <sub>0</sub> - lg Na)
100%	5 min	0	0	< 140	< 2.15	> 5.49

EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Test result: (2)**

Test organism .....	Escherichia coli		
Date of test .....	April 13, 2020		
Test temperature .....	20°C ± 1°C	Incubation temperature .....	36°C ± 1°C
Dilution-neutralisation method ..	Pour plate	Number of plates .....	1 / ml
Neutraliser .....	A	Test conditions .....	Clean conditions

**Validation and controls:**

Validation suspension (N <sub>v0</sub> )			Experimental Conditions control (A)			Neutralizer or filtration control (B)			Method validation (C) Product conc.: 10 ml/L		
Vc1	73	$\bar{x} = 72$	Vc1	72	$\bar{x} = 70.5$	Vc1	70	$\bar{x} = 69$	Vc1	70	$\bar{x} = 71.5$
Vc2	71		Vc2	69		Vc2	68		Vc2	73	
30 ≤ $\bar{x}$ of N <sub>v0</sub> ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of A is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of B is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of C is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension (N and N<sub>0</sub>):**

N	Vc1	Vc2	$\bar{x}$ $w_m = 2.51 \times 10^8$ ; $\lg N = 8.40$ $N_0 = N/10$ ; $\lg N_0 = 7.40$ $7.17 \leq \lg N_0 \leq 7.70?$ <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
10 <sup>-6</sup>	245	256	
10 <sup>-7</sup>	24	31	

**Test:**

Conc. of the product	Contact time (min)	Vc1	Vc2	Na = $\bar{x} * 10$	lg Na	lg R (lg N <sub>0</sub> - lg Na)
100%	5 min	0	0	< 140	< 2.15	> 5.25

EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Test result: (3)**

Test organism .....	Staphylococcus aureus		
Date of test .....	April 14, 2020		
Test temperature .....	20°C ± 1°C	Incubation temperature .....	36°C ± 1°C
Dilution-neutralisation method ...	Pour plate	Number of plates .....	1 / ml
Neutraliser .....	A	Test conditions .....	Clean conditions

**Validation and controls:**

Validation suspension (N <sub>v0</sub> )			Experimental Conditions control (A)			Neutralizer or filtration control (B)			Method validation (C) Product conc.: 10 ml/L		
Vc1	38	$\bar{x} = 38.5$	Vc1	34	$\bar{x} = 35$	Vc1	38	$\bar{x} = 34.5$	Vc1	33	$\bar{x} = 32.5$
Vc2	39		Vc2	36		Vc2	31		Vc2	32	
30 ≤ $\bar{x}$ of N <sub>v0</sub> ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of A is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of B is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ of C is ≥ 0.5* $\bar{x}$ of N <sub>v0</sub> ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension (N and N<sub>0</sub>):**

N	Vc1	Vc2	$\bar{x}$ $w_m = 1.62 \times 10^9$ ;    lg N = 8.21 N <sub>0</sub> = N/10;                    lg N <sub>0</sub> = 7.21 7.17 ≤ lg N <sub>0</sub> ≤ 7.70? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
10 <sup>-6</sup>	245	256	
10 <sup>-7</sup>	24	31	

**Test:**

Conc. of the product	Contact time (min)	Vc1	Vc2	N <sub>a</sub> = $\bar{x} \cdot 10$	lg N <sub>a</sub>	lg R (lg N <sub>0</sub> - lg N <sub>a</sub> )
100%	5 min	0	0	< 140	< 2.15	> 5.06



EN 1276			
Clause	Requirement + Test	Result - Remark	Verdict

**Test result: (4)**

Test organism .....	Enterococcus hirae		
Date of test .....	April 14, 2020		
Test temperature .....	20°C ± 1°C	Incubation temperature .....	36°C ± 1°C
Dilution-neutralisation method ..	Pour plate	Number of plates .....	1 / ml
Neutraliser .....	A	Test conditions .....	Clean conditions

**Validation and controls:**

Validation suspension (N <sub>v0</sub> )			Experimental Conditions control (A)			Neutralizer or filtration control (B)			Method validation (C) Product conc.: 10 ml/L		
Vc1	34	$\bar{x} = 37$	Vc1	33	$\bar{x} = 32$	Vc1	30	$\bar{x} = 29$	Vc1	31	$\bar{x} = 31.5$
Vc2	40		Vc2	31		Vc2	28		Vc2	32	
30 ≤ $\bar{x}$ of N <sub>v0</sub> ≤ 160 ?			$\bar{x}$ of A is ≥ 0.5 * $\bar{x}$ of N <sub>v0</sub> ?			$\bar{x}$ of B is ≥ 0.5 * $\bar{x}$ of N <sub>v0</sub> ?			$\bar{x}$ of C is ≥ 0.5 * $\bar{x}$ of N <sub>v0</sub> ?		
<input checked="" type="checkbox"/> yes <input type="checkbox"/> no			<input checked="" type="checkbox"/> yes <input type="checkbox"/> no			<input checked="" type="checkbox"/> yes <input type="checkbox"/> no			<input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension (N and N<sub>0</sub>):**

N	Vc1	Vc2	$\bar{x}$ $w_m = 1.93 \times 10^8$ ; $\lg N = 8.29$ $N_0 = N/10$ ; $\lg N_0 = 7.29$ $7.17 \leq \lg N_0 \leq 7.70?$ <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
10 <sup>-6</sup>	191	198	
10 <sup>-7</sup>	22	20	

**Test:**

Conc. of the product	Contact time (min)	Vc1	Vc2	Na = $\bar{x} * 10$	lg Na	lg R (lg N <sub>0</sub> - lg Na)
100%	5 min	0	0	< 140	< 2.15	> 5.14

Photos

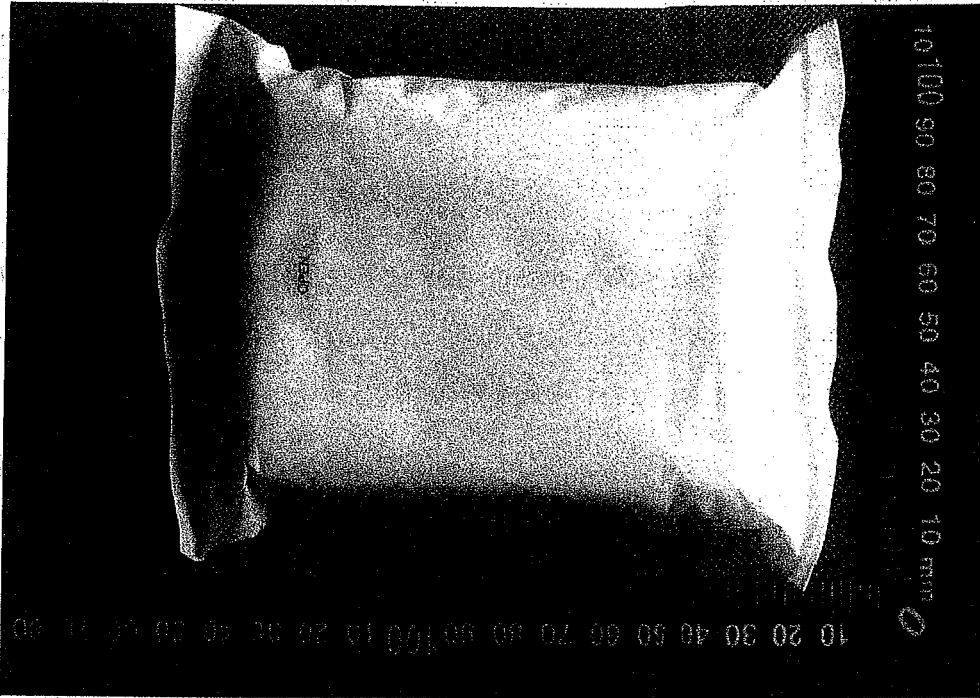


Fig 1: - Overview 1

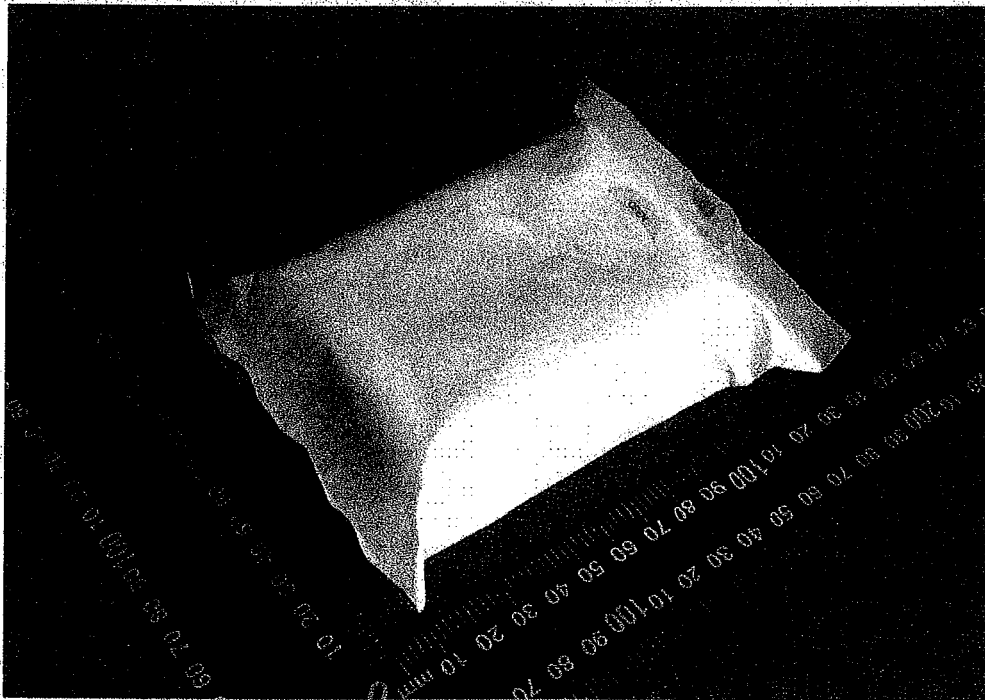


Fig 2: - Overview 2

Photos

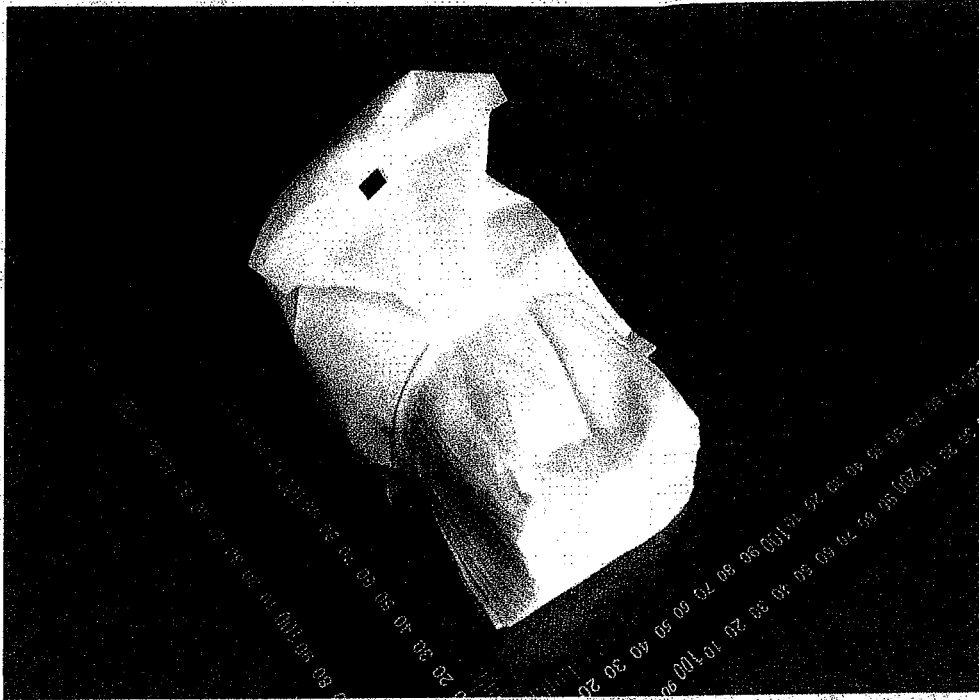


Fig 3. - Inside view 1

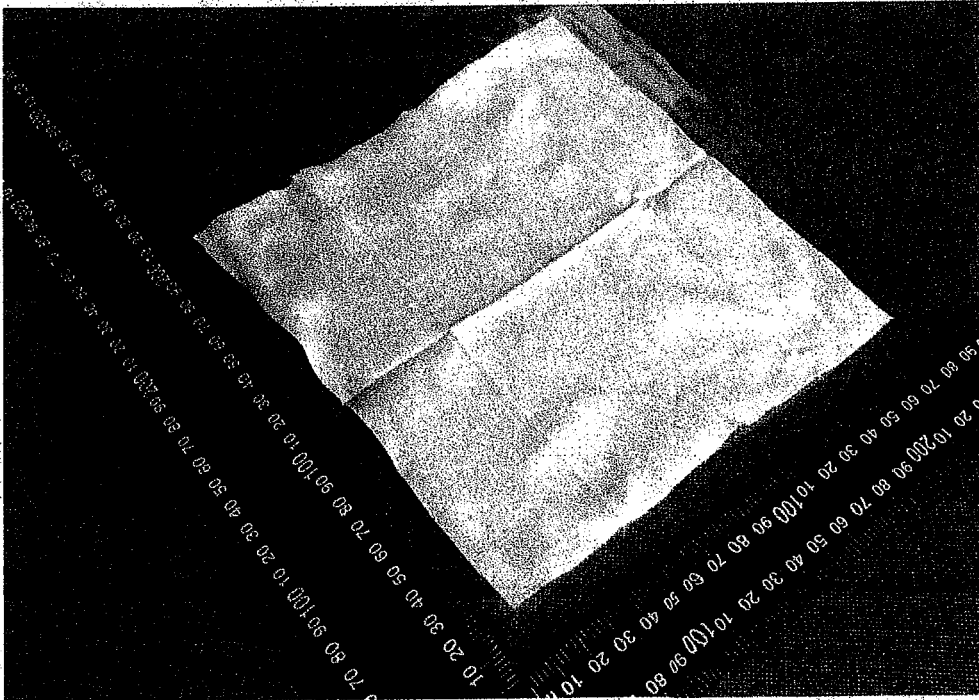


Fig 4. - Inside view 2

==== End of Test Report ====