



**BUREAU
VERITAS**

TEST REPORT

REPORT NO. : (5215)163-1119

DATE : July 14, 2015

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APPLICANT : NEW CENTURY HEALTH CARE LIMITED
FLAT J2, 9/F, BLOCK 2, KIN HO INDUSTRIAL BUILDING
14-24 AU PUI WAN STREET, FO TAN, SHATIN, NT

CONTACT PERSON : ERICA HO

DATE OF SUBMISSION : JULY 09, 2015

SAMPLE DESCRIPTION : NON BACTERIA

STYLE NO : N/A

PRODUCT NO : N/A

UPC / BAR CODE : N/A

COUNTRY OF ORIGIN : JAPAN

COUNTRY OF DESTINATION : HONG KONG / CHINA

BEST BEFORE / USE BY / LOT # : N/A

SUPPLIER : SHIN-NIPPON MEDICAL RESEARCH
(HONG KONG) CO., LIMITED

EXECUTIVE SUMMARY

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

BUREAU VERITAS HONG KONG LIMITED

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MANAGER,
MICROBIOLOGICAL DEPARTMENT

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METHOD:

The sample(s) was examined with reference to modified ASTM E2783-10 Standard Test Method for Assessment of Antimicrobial Activity for Water Miscible Compounds Using a Time-Kill Procedure.

Procedure summary for 0 hour's contact time:

1. Bacteria suspension of *Escherichia coli*, *Enterococcus faecalis*, *Staphylococcus aureus*, *Salmonella typhimurium*, *Vibrio cholerae* and *Vibrio parahaemolyticus* were freshly prepared.
2. 1 ml of above bacteria suspension was inoculated into 100ml received liquid sample individually.
3. The inoculated samples were then performed plate count immediately and the plates were incubated at 32.5°C for 3 days. At the same time, inoculated 1 mL of bacteria suspension to 100mL sterilized saline as inoculum control and performed plate count in same manner.
4. Percentage reduction was then calculated.

RESULTS:

Test component: Transparent liquid disinfectant

Parameter / Requirement	Inoculum (cfu/mL)	Sample (0 hour) (cfu/mL)	Percentage reduction (%)	Conclusion
- <i>Escherichia coli</i> (ATCC strain No.8739) 大腸桿菌	1.9 X 10 ⁹	1.7 X 10 ⁶	99.91	DATA
- <i>Enterococcus faecalis</i> (ATCC strain No.19433) 糞腸球菌	1.6 X 10 ⁹	1.1 X 10 ⁷	99.31	DATA
- <i>Staphylococcus aureus</i> (ATCC strain No.6538) 金黃色葡萄球菌	2.6 X 10 ⁹	4.8 X 10 ⁶	99.81	DATA
- <i>Salmonella typhimurium</i> (ATCC strain No.14028) 鼠傷寒沙門氏菌	6.1 X 10 ⁹	3.3 X 10 ⁶	99.94	DATA
- <i>Vibrio cholerae</i> (ATCC strain No.9459) 霍亂弧菌	1.9 X 10 ⁷	4.9 X 10 ⁵	97.42	DATA
- <i>Vibrio parahaemolyticus</i> (ATCC strain No.BAA-240) 副溶血性弧菌 (致病性嗜鹽菌)	2.5 X 10 ⁷	8.0 X 10 ⁵	96.80	DATA

Remark:

Percentage reduction= (counts of control – counts of sample) / (counts of control)

cfu = colony forming unit