



STC Test Report

Date : 2008-09-05

No. : HC215779

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Applicant (Code:LAS009) : Lam Soon Cleaning and Caring
Laboratories (Hong Kong) Co Ltd
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Description of Samples : One submitted sample said to be Pro-Soft Zero-Germ Sanitizing Hand Gel.

Sample(s) Received Condition(s): In plastic bottle under ambient temperature

Date Samples Received : 2008-08-27

Date Tested : 2008-08-28 to 2008-09-02

Investigation Requested :

1. Antimicrobial effectiveness against –
 - *Escherichia coli* 大腸桿菌 (ATCC 25922)
 - *Salmonella typhimurium* 鼠傷寒沙門氏菌 (ATCC 14028)
 - *Staphylococcus aureus* 金黃色葡萄球菌 (ATCC 6538)
2. Standard plate count 細菌總數

Conclusions :

1. From the test results, the submitted sample was able to eliminate 99.99% of the inoculated *Escherichia coli*, *Salmonella typhimurium* and *Staphylococcus aureus* within 1 minute.
根據測試結果, 所提供之樣品能於 1 分鐘內殺除百分之九十九點九九接種的大腸桿菌、鼠傷寒沙門氏菌及金黃色葡萄球菌。
2. The Standard plate count result of the submitted sample **complied** with the GB 7916-87 Hygienic Standard for Cosmetics for P. R. China. 根據細菌總數的測試結果, 所提供之樣本符合中華人民共和國之化妝品衛生標準 GB 7916-87。

NGAI Wai Yee, Ellen
Chemical and Food Department
For and on behalf of

The Hong Kong Standards and Testing Centre Ltd.



In the event of any discrepancy between the English and Chinese versions of the text mentioned before, the English version shall prevail to the extent of such discrepancy only.

香港標準及檢定中心有限公司
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Method(s) Used:

- A bacterial suspension was prepared.
 - 5 ml of the suspension was added into 5 ml sample (3 trials).
 - 5 ml of the suspension was added into 5 ml sterile water as a control (3 controls).
 - The sample mixtures and controls were let stand for 1 minutes.
 - 1 ml of neutralizer was added into the sample mixtures and controls and mixed thoroughly.
 - Total bacteria count of sample mixtures and controls were conducted using pour plate method and the plates were incubated at 35°C for 48 hours.
 - The number of colonies on plates was counted.
- 中華人民共和國國家標準—化妝品微生物標準檢驗方法 GB 7918.2 – 87

Test Result(s):

1. Antimicrobial effectiveness against

Test Trial	Count of <i>Escherichia coli</i> 大腸桿菌 (CFU/ml)	Count of <i>Salmonella typhimurium</i> 鼠傷寒沙門氏菌 (CFU/ml)
Control average	1,900,000	1,500,000
Trial average	<1	<1
Bacteria Reduction Rate	99.99%	99.99%

Test Trial	Count of <i>Staphylococcus aureus</i> 金黃色葡萄球菌 (CFU/ml)
Control average	1,800,000
Trial average	<1
Bacteria Reduction Rate	99.99%

Notes: CFU/ml denotes Colony Forming Unit per milliliter
Bacteria Reduction Rate = $\frac{\text{control average} - \text{trial average}}{\text{control average}} \times 100$

Test Item(s)	Pro-Soft Zero-Germ Sanitizing Hand Gel	GB7916-87 Limit
2. Standard plate count 細菌總數	<10 CFU/ml	1,000 CFU/ml

Notes: CFU/ml denotes Colony Forming Unit per milliliter

**** End of Test Report ****

香港標準及檢定中心有限公司
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