香 港 標 準 及 檢 定 中 心
Hong Kong Standards and Testing Centre

Date : 2003-05-12

TEST REPORT

NO: HC121264

APPLICANT: (Code: SUH019)

Sui Hing Chemical Co Ltd
G/F 8 Tak Shing St
TST Kln HK

Attn: Albert Ho

DESCRIPTION OF SAMPLE(S):

One submitted samples said to be On-ward All-purpose Cleaner 安樂清潔消毒劑 (綠水).

SAMPLE(S) RECEIVED DATE:

2003-04-28

TESTED DATE:

2003-05-05 to 2003-05-07

INVESTIGATION(S) REQUESTED:

Antibacterial Effectiveness against
- *Staphylococcus aureus* (ATCC 25923)

Anne Chuah, CFD
For Chief Executive

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METHOD(S) USED:

1. Prepare bacteria cell suspension
2. Add diluted sample (1:13) into bacteria suspension, mix thoroughly.
3. Repeat step 2, three trials to be carried out.
4. Add sterile water into bacteria suspension as control
5. Let the sample mixtures and control stand for 2 hours
6. Add neutralizing agent into the sample mixtures and control, mix thoroughly
7. Perform total plate count of sample mixtures and control according to USP 26 Section < 61>

TEST RESULT(S):

Sample	***Staphylococcus aureus***
Control	1,800,000 CFU/ml
Sample mixture (trial 1)	940,000 CFU/ml
Sample mixture (trial 2)	1,000,000 CFU/ml
Sample mixture (trial 3)	980,000 CFU/ml
Average of three trials	970,000 CFU/ml
Bacteria Reduction rate **	*46.1 %*

Notes : CFU/ml denotes colony forming unit per milliliter
< denotes less than
** Bacteria Reduction rate = $\frac{\text{control} - \text{average of three trials}}{\text{control}}$

CONCULSION(S):

The submitted sample is able to eliminate 46.1 % of *Staphylococcus aureus* (ATCC 25923) inoculated.

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