

## FOOD MICROBIOLOGY 2425

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U verw/Your ref: dd 13/10/2005  
Ons verw/Our ref: 05-3251  
Navrae/Enquiries: (012) 428-6087  
Datum/Date: 9/11/2005  
2425/05-3251/Y81719  
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## MICROBESHIELD

## 1. DESCRIPTION OF SAMPLE

One sample labelled "Microbeshield" was received on 18/10/2005 and tested on 25/10/2005 and 4/11/2005.

## 2. TESTS REQUESTED

To determine the bactericidal efficacy of the sample subject to the following conditions:

- a) Dilutions of sample: 1/100
- b) Diluent: Sterile hard water of 250 ppm hardness containing 1% of skimmed milk.
- c) Temperature of test: 22 °C
- d) Test organisms: *Pseudomonas aeruginosa* SATCC Pse 16  
*Escherichia coli* SATCC Esc 25  
*Staphylococcus aureus* SATCC Sta 53
- e) Test organism load: Approximately  $10^5$  organisms per 100 ml of test solution
- f) Exposure time: 5 min
- g) Inactivator: A suitable fluid inactivator
- h) Media: Nutrient Agar

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This test was performed by SABS Commercial (Pty) Ltd.  
This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested.  
(Refer also to the complete conditions printed on the back of the official test reports.)

# SABS Commercial test report

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## 3. METHOD OF TEST

The sample was tested in accordance with the method described in SANS 636-2001, and subject to the conditions stated in Paragraph 2 above.

## 4. RESULTS

### Bactericidal efficacy

| Sample                 | Dilution | Contact time | Percentage kill of  |               |                 |
|------------------------|----------|--------------|---------------------|---------------|-----------------|
|                        |          |              | <i>P.aeruginosa</i> | <i>E.coli</i> | <i>S.aureus</i> |
| Microbeshield (Y81719) | 1/100    | 5 min        | 99,9                | 97,5          | 99,6            |



N KHAMBULE  
TEST OFFICER: MICROBIOLOGY



RA ROOS  
MANAGER: MICROBIOLOGY

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