

FOOD MICROBIOLOGY 2425

U verw/Your ref: dd 13/10/2005

Ons verw/Our ref: 05-3251

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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 10⁵ organisms per 100 mℓ of test solution

f) Exposure time:

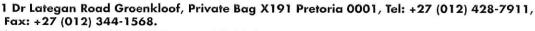
5 min

g) Inactivator:

A suitable fluid inactivator

h) Media:

Nutrient Agar





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		
			P.aeruginosa	E.coli	S. aureus
Microbeshield (Y81719)	1/100	5 min	99,9	97,5	99,6

KEYOMOW # N KHAMBULE TEST OFFICER: MICROBIOLOGY

RA ROOS

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