

Commercial-in-confidence



To examine the anti fungal activity of an  
Antibak Residual Concentrate

TECHNICAL SERVICE REPORT NO. B/04/0748

20 August 2004

**Client:**

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## 1. Summary

A sample of Antibak Residual Concentrate was received for testing to BSEN 1650.

The samples when tested 1:20 passed the BSEN 1650 criteria.

## 2. Objective

To examine the anti fungal activity of an Antibak Residual Concentrate.

## 3. Method

### 3.1 Samples

One sample was received for testing on 05.08.04 labelled as follows:-

Antibak Residual Concentrate – 04/08/04.

### 3.2 Procedures

#### 3.2.1 BS EN 1650 – Chemical Disinfectants and Antiseptics - Quantitative Suspension Test or the Evaluation of Fungicidal Activity of Chemical Disinfectants and Antiseptics used in Food, Industrial, Domestic and Institutional Areas

## 4. Results

Results are detailed in the Table below and are described in the Summary.

Table 1 BS EN 1650 – Chemical Disinfectants and Antiseptics - Quantitative Suspension Test or the Evaluation of Fungicidal Activity of Chemical Disinfectants and Antiseptics used in Food, Industrial, Domestic and Institutional Areas

C. *albicans* in dirty conditions

| Test Sample                           | Validation Test    |                         |                              |                                 | Yeast Suspension     |                      | Test procedure at Concentration % VM |  |
|---------------------------------------|--------------------|-------------------------|------------------------------|---------------------------------|----------------------|----------------------|--------------------------------------|--|
|                                       | Yeast Suspension   | Experimental conditions | Neutralizer toxicity control | Dilution-neutralization control | 1:19                 | 1:20                 | Water                                |  |
| Antibak Residual Concentrate 04/08/04 | $3.26 \times 10^4$ | $2.9 \times 10^3$       | $3.05 \times 10^3$           | $3.05 \times 10^3$              | $<30$<br>$R = >10^5$ | $<30$<br>$R = >10^5$ | $R = 12$                             |  |

R = Reduction in viability

If  $R = <10^5$  = fail

$R = >10^5$  = pass



**Table 2 BS EN 1650 – Chemical Disinfectants and Antiseptics - Quantitative Suspension Test or the Evaluation of Fungicidal Activity of Chemical Disinfectants and Antiseptics used in Food, Industrial, Domestic and Institutional Areas**

**A. *niger* in dirty conditions**

| Test Sample                           | Validation Test       |                         |                              |                                 | Test procedure at Concentration % VM |  |
|---------------------------------------|-----------------------|-------------------------|------------------------------|---------------------------------|--------------------------------------|--|
|                                       | Fungal Suspension     | Experimental conditions | Neutralizer toxicity control | Dilution-neutralization control | Fungal Suspension                    | Water  |
| Antibak Residual Concentrate 04/08/04 | 2.4 x 10 <sup>4</sup> | 2.0 x 10 <sup>3</sup>   | 2.0 x 10 <sup>3</sup>        | 2.05 x 10 <sup>3</sup>          | 4.0 x 10 <sup>7</sup>                | R = 15   |
|                                       |                       |                         |                              |                                 | 1:19<br>1:20                         | <30<br>R = >10 <sup>5</sup><br><30<br>R = >10 <sup>5</sup> |

R = Reduction in viability  
 If R = <10<sup>5</sup> = fail  
 R = >10<sup>5</sup> = pass



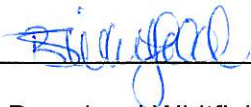


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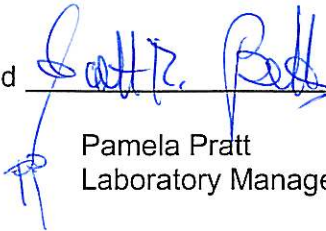
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5. Report Review

The work detailed in this report has been carried out according to the Thor Specialities (UK) Limited Standard Methods of Test. All results have been checked by the responsible person and reviewed by the Laboratory Manager.

Signed   
Beverley J Whitfield B.Sc. (Hons)  
Microbiologist

Date: 24/08/04

Reviewed   
Pamela Pratt  
Laboratory Manager

Date: 24/8/04

PP/CS 20.08.04

Please note that, unless otherwise stated, the conclusions and any recommendations either made or implied, are based on information drawn from examination of the samples identified in this report only. Since these may be influenced by, for example, infection level variations in raw materials, stored component solutions and manufacturing equipment, it is recommended that some appropriate monitoring of microbiological properties be carried out.

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