



Institut für Biotechnische  
Forschung und Entwicklung

Konrad-Zuse-Str. 10A  
66459 Kirkel-Limbach

**Adexano GmbH**  
Herrn Rolf Zimmermann  
Bildstocker Straße 12  
D-66538 Neunkirchen

Ansprechpartner: Dr. Heiko Ewen (Laborleitung)  
Durchwahl: 06841 817918 1  
Fax: 06841 817918 2  
E-mail: info@ibfe-biotech.de

**Chemical disinfectants and antiseptics**  
**– Quantitative suspension test for the evaluation of fungicidal or**  
**yeastocidal activity of chemical disinfectants and antiseptics used in**  
**the veterinary area –**  
**Test method and requirements (phase 2, step 1);**  
**according to German version EN 1657:2005 (usual conditions)**

**Customer:** Adexano GmbH, Bildstockerstr. 12, 66538 Neunkirchen

Yr. order from: 29.04.2011  
IBFE-Report-No.: 1650411 b1 engl.  
Start of analysis: 02.05.2011  
End of analysis: 31.05.2011

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The results refer exclusively to the tested samples. The accreditation applies for the testing methods denoted in the accreditation. It is prohibited to copy parts of this report without the written authorisation of IBFE GmbH.

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**Sample of the disinfectant:**

Product designation: Bacoban WB; solution aqueuse  
Producer: sarastro GmbH, 66287 Quierschied  
Storage conditions: Room temperature, daylight  
Characteristics of the product: fluid, clear, brownish  
Active ingredients: 100 g of the product contain 26 g benzalkonium chloride and  
2.5 g sodium pyrithione  
Recommended product-diluent: tap water

**Usual testing conditions:**

Product-diluent: water standardised hardness  
Product testing concentration: 3 % (v/v)

Testing microorganisms: - *Aspergillus niger* ATCC 16404  
- *Candida albicans* ATCC 10231

Test temperature: 10°C  
Residence time: 30 min  
Burden: 10 g/l bovine serum albumine + 10 g/l yeast extract = heavy burden  
Incubation temperature: 30°C  
Method: The membran filtration method was chosen, because no suitable neutralising agent could be found.  
Washing solution: 2 x 300 ml peptone water with 0.1 % (v/v) polysorbate 80 and 1 x 50 ml water

**Conclusion:**

The product Bacoban WB complied in a concentration of 3 % (v/v) at a heavy burden with the German version EN 1657:2005 (usual conditions).

Kirkel-Limbach, 29<sup>th</sup> of June 2011  
(Dipl.-Biol. Eva-Maria Schmees, Assistant Head of Laboratory)

Reviewed and approved

  
(Dr. Heiko Ewen, Head of Laboratory / Quality Control)

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