

Test report number 0735138-4 according to DIN EN 13697/2001
Quantitative surface test for the evaluation of fungicidal activity of chemical disinfectants used in
food, industrial, domestic and institutional areas
(dirty conditions)

Identification of the test laboratory: SGS Gemany GmbH
 Laboratory Services Hamburg
 Weidenbaumsweg 137, 21035 Hamburg

Identification of the product:
 Product name: **Bacoban® WB**
 Batch number: 20070601-WDM-konz-krei
 Manufacturer: Sarastro GmbH, 66287 Quierschied-Göttelborn
 Date of delivery: 2007-06-04
 Storage conditions: room-temperature
 Active ingredient(s): not indicated

Test method and its validation:
 Method: Dilution neutralization method
 Neutraliser: 3% Tween 80 + 3% Saponin + 0,1% Histidin + 0,3%
 Lecithin + 0,5% Na-thiosulfat diluted in NaCl-
 solution
 Information about sterilization: 15 min. 121°C +/- 1°C

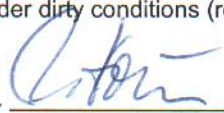
Test conditions:
 Period of analysis: 31.08.2007 - 03.09.2007
 Appearance of the product: product: light yellow / dilutions: light and clear
 Test concentration (vol.-%) 1,0%; 0,75%; 0,50%
 Diluent of the Dilution: water standardised hardness (pH 7,0 +/- 0,2)
 contact time: 15 min.
 Test temperature: room-temperature (23°C)
 Interfering substances: 0,3% bovine albumin (dirty conditions)
 Referenced strain: *Candida albicans* ATCC 10231
 Temperature of incubation: 30 ± 1 °C
 Counting method: pour plate

Test results: see table 1

Conclusion:

According to EN 13697/2001 the product Bacoban® WB shows a fungicidal activity against the test strain stated above at 0,5 vol.-% concentration in a dilution with hard water after 15 minutes under dirty conditions (required reduction: log 3).

Hamburg, 10.09.07

i.V. 

Dr. Roy Hörner (Lab manager)
 Heidrun Globisch (Leader of microbiology)

Test report number 0735138-4 according to DIN EN 13697/2001 - Tabelle 1
(dirty conditions)

Test strain	Test strain suspension N (see 5.4.1.3)	Validation test (see A.5)			Water control Nc (see 5.5.3)	Test with a concentration of vol-%		
		NT (see A.5)	NC (see A.5)	NC (see A.5)		1,00	0,75	0,50
<i>Candida albicans</i> ATCC 10231	10 ⁻⁵					contact time 15 min		
	178	10 ⁻³	40	41	10 ⁻³	0	0	0
	188	10 ⁻³	40	41	10 ⁻³	0	0	0
	26	10 ⁻⁴	7	2	10 ⁻⁴	0	0	0
	20	10 ⁻⁴	7	2	10 ⁻⁴	0	0	0
	5,97	10 ⁻⁵	0	0	10 ⁻⁵	0	0	0
		NT	5,61	NC	Nc	<0,10	<0,10	<0,10
					Nts	0	0	0
					Nts	>5,55	>5,55	>5,55
					ME	ME	ME	ME