

Bode Chemie GmbH  
Frau Ostermeyer  
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**D-22507 Hamburg**

## Test report 1966484-3

Order-No.: 2779761

Client No.: 2185700

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Consumer Testing Services

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Hamburg, 19.12.2014

Your Order/Project: Quantitative suspension test for the determination  
of the bactericidal activity according to  
EN 13727:2012-07/FprA1:2013

Your Order-No.: /

Your Order Date.: 28.10.2013

### General Information

Sample No.:	131015253
Name of the product:	Sterillium
Designation:	VP 83/3Q
Batch-No.:	2570361218
Interfering substance:	0.03 % bovine serum albumin (clean conditions)
Date of delivery of the product:	01.11.2013
Period of testing:	19.11.2013 / 21.11.2013

### Comment / summary:

Results and the resulting ratings see following pages.

SGS Germany GmbH

*Hollmann*  
.....  
i.A. Nicole Hollmann (Laboratory assistant)

*O. Böhm*  
.....  
i.V. Heidrun Globisch (Teamleader Microbiology) / i.V. Dr. Roy Hörner (Head of Laboratory)  
i.V. Olaf Böhm (Teamleader Microbiology Cosmetics/Packaging)

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### Sample of disinfectant

**Name of the product:** Sterillium  
**Designation:** VP 83/3Q  
**Batch:** 2570361218  
**Manufacturer:** BODE Chemie GmbH, Melanchthonstr. 27, 22525 Hamburg, Germany  
**Storage conditions:** room temperature  
**Appearance of the product:** light blue and clear  
**Active ingredients in 100 g of the product:** 45,0 g Propan-2-ol, 30,0 g Propan-1-ol, 0,2 g Mecetroniumetilsulfat

### Experimental conditions

**Method:** dilution-neutralization-method  
**Neutralizer:** 3% polysorbate 80, 3% saponin, 0,1% histidine, 0,3 % lecithin, 0,5 % sodium-thiosulfate, 1% ethersulfate dissolved in diluent.  
**Counting method:** pour plate

### Conditions:

**Contact times:** 15, 30 and 60 s  
**Test concentrations:** 97 %; 80 % and 10 %  
**Test temperature:** 20 °C ± 1 °C  
**Interfering substance:** 0.03 % bovine serum albumin  
(clean conditions)  
**Test organisms:** *Staphylococcus aureus* ATCC 6538  
*Enterococcus hirae* ATCC 10541  
*Pseudomonas aeruginosa* ATCC 15442  
*Escherichia coli* K12 NCTC 10538  
**Incubation temperature:** 37 °C ± 1 °C  
**Stability of the product during the test:** no optical change

### Special remarks regarding the results:

For the test organism *P. aeruginosa* the test validation for the test concentration of 97% (v/v) at a contact time of 60 s was below the given limits. The test validation for the test concentration of 97 % (v/v) was also carried out at contact times of 15 and 30 s. These results were within the given limits.

### Conclusion:

According to EN 13727:2012-07/FprA1:2013 the product **Sterillium** with the designation VP 83/3Q and the batch number 2570361218, possesses bactericidal activity for the test organisms mentioned above after 15 s contact time at a concentration of 80% (v/v) and a temperature of 20°C under clean conditions.