

SANITIZED AG

Lyssachstrasse 95
P.O. Box 1449
3401 Burgdorf
Switzerland

T: +41 (0)34 427 16 16

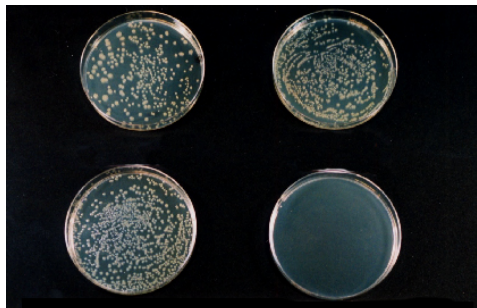
F: +41 (0)34 427 16 19

info@sanitized.com

www.sanitized.com



Test Number: JIS Z 2801



Identification of antibacterial activity

Country / Year:

Japan / 2000

Test Duration:

7 Days, including
4 Days preparation

Application:

Flat parts with smooth
non-absorbent surfaces

Sample Size:

Flat square test specimens
measuring 45mm x 45mm
in triplicate.

Purpose:

This method is used for the quantitative identification of antibacterial effectivity of materials which have not been treated with diffused, antibacterial active components.

Description:

The test specimens are inoculated with a defined amount of a bacterial suspension and covered with a sterile plastic film. The incubation of the inoculated test samples takes place in a closed system at 37°C/99°F for 24 hours. After the incubation the bacteria are taken up in a defined quantity of a diluted solution.

Test Evaluation:

The difference of the counted bacteria at 0 hours compared with 24 hours serves as the basis for evaluation. Germ reduction (Bacteriostatic activity) is measured as a logarithmic value and percentage.

Test Organisms:

Staphylococcus aureus ATCC 6538

Escherichia coli ATCC 11229

Klebsiella pneumonia ATCC 4352

Explanation of the test results:

0.0%: Germ growth, insufficient antibacterial effect.

0.1 to <90%: No Significant germ reduction, insufficient antibacterial effect.

90% to <99%: Significant germ reduction, good antibacterial effect.

99% to >99%: Strong germ reduction, very good antibacterial effect.



Burgdorf, 13.01.2009

Test order No. 2008-2132

Determination of the antimicrobial activity

Date of order:

11.12.2008

Responsible:

Herr Wilfried Vedder

Pages:

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Enclosures:

Abstract: JIS Z 2801:2000

Method(s):

JIS Z 2801:2000

Quantitative analysis for determination of the bacteriostatic activity:

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Erich Rohrbach
Head Microbiology

The findings are valid for the tested object(s) only. Filing record of report and documentation is 10 years.

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Results

Description of sample

Sample number: **2008-2132-01** Received: 11.12.2008
Business: POLYMER Type: Project

Identification: OE 52014 (A)
Main Component: Linseed-based oil
Minor Component: Coil, intermediate polish
Appearance: Beech
Field of Application: Varnish

Sanitized Products: -
Declared quantity: -

Type: Treatex Hardwax Oil Traditional

Pretreatment: No
Remark: 16 hours drying
2nd order of 19.09.08

Test results of the SANITIZED-laboratory

Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
JIS Z 2801:2000	Staphylococcus aureus ATCC 6538P	>4,70	>99,99	Very good effect