

EIN GUTER NAME
IN DER MEDIZIN

REGO X-ray GmbH

X-ray accessories + mechanical engineering

Stuttgarter Strasse 5 - D-86154 Augsburg - Germany
Telefon (08 21) 450 435-0
Telefax (08 21) 450 435-11
UST-ID-NR. DE813731737
zertifiziert nach
ISO 9001:2008

REGO - Stuttgarter Strasse 5 - 86154 Augsburg

REGO X-RAY GMBH
Stuttgarter Str. 5

D-86154 Augsburg

Augsburg, 31.07.15

Uns. Zeichen: dm

Test Report

Testing through Forschungsinstitut Hohenstein, D-74357 Bönningheim/Germany
Report no. 08.8.3-0030 Part
Examination period 2008-04-30 - 2008-05-02

Methods

DIN EN ISO 20743: 10-2007

"Determination of the antibacterial activity of antibacterial finished products" 10.1 Absorption method

Determination of germ count: plate count method

Test strains: Staphylococcus aureus ATCC 33592 (MRSA)

Thinning agent for inoculation NaCl 0,9% + 0,05% Tween 80

Thinning agent for eluation NaCl 0,9% + 0,20% Tween 80

Calculation $\log_{10}C_0 = \log_{10}T_0$

Incubation time 4 h

Calculation: The value of germ growth is calculated over 4 hour on the sample, in comparison to the reference material and according to the formula:

$A = (\log_{10}C_{4h} - \log_{10}C_0h) - (\log_{10}T_{4h} - \log_{10}T_0h)$

C = reference material

T = sample

Grading of assessment by the Hohenstein Research Institute:

Antibacterial activity	Specific efficacy
no	< 0,5
slight	>/= 0,5 to > 1
significant	>/= 1 to < 3
strong	>/= 3

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Test material:

1.1 Calypso (PES control fabric) >> reference material

Staphylococcus aureus ATCC 33592 (MRSA)

	> Average value [cfu absolut]	> Average value [log cfu]	> Growth value
0 h	7,63 x 100.000	5,88	--
4 h	9,54 x 1.000.000	6,98	1,10

1.2 REGO Silver Line Lot 571349, dark navy

0 h	--	--	
4 h	2,03 x 10.000	4,31	

Specific efficacy REGO Silver Line 2,67, evaluation: significant

There is a significant specific efficacy for the test strain

Staphylococcus aureus ATCC 33592 (MRSA) under given test conditions for the tested samples.

Test report dated 05.05.2008

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GmbH
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D-86154 Augsburg

D. Hüter