



Textilní zkušební ústav, s.p.

Cejl 480/12, 602 00 Brno, Czech Republic
(Textile Testing Institute)

TESTING LABORATORY NO. 1001

TEST REPORT

AZL 20/ 0555-01

CUSTOMER: ANSIL, s.r.o.
Trenčianska 762
018 51 Nová Dubnica
Slovak Republic

SAMPLE: Aqueous gel ANSILVER® - T containing AgCl
(according to the customer order) Colour: white



SUBJECT OF ASSESSMENT: Determination of antibacterial activity - Agar diffusion plate test

CONDITIONS OF APPLICATION OF THE TEST REPORT:

Test Report contains result of the tests related to the submitted sample only. Sampling has been done by customer. The Report may not be reproduced in the way other than as a complete set. Reproduction of certain parts of the Report is subject to approval of the test laboratory, which has issued it. All information about subcontracted tests results or unaccredited test methods is presented in text part of the test report. This Report is a literal translation of the Czech version.

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PROCEDURE OF ASSESSMENT:

Textile fabrics - Determination of antibacterial activity - Agar diffusion plate test

was determined according to EN ISO 20645.

Used bacteria (cultures delivered from Czech collection of Microorganisms):

CCM 8853	<i>Klebsiella pneumoniae</i>
CCM 4516	<i>Staphylococcus aureus</i>

Conditions of assessment:

- diameter of test specimen: approx. Ø 25 mm
- number of samples: (4 + 4) treated samples
- prior to incubation: samples exposed to daylight for 30 min
- temperature in incubator: (37 ± 1) °C
- influence time: 24 h

The bacterial growth in the nutrient medium under the test specimen was assessed according to following table:

Mean value of inhibition zone (mm)	Growth	Assessment
> 1	none	good effect
1 - 0	none	
0	none	
0	slight	limit of efficacy
0	moderate	insufficient effect
0	heavy	

Result: Assessment of bacterial growth in the nutrient medium under the test specimen with corresponding assessment.





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TEST RESULTS:

Aqueous gel ANSILVER® - T containing AgCl Colour: white					
Characteristics	Test method	Measuring unit	Growth		Assessment
Determination of antibacterial activity - Agar diffusion plate test	EN ISO 20645	Growth	<i>K. pneumoniae</i>	none (IZ < 1 mm)	good effect
			<i>S. aureus</i>	none (IZ < 1 mm)	good effect

IZ ... inhibition zone

Approved:

Petr Nasadil
Head of Testing Laboratory

