



Textilní zkušební ústav, s.p.
Cejl 480/12, 602 00 Brno, Czech republic
(Textile Testing Institute)

TESTING LABORATORY NO. 1001
accredited according to EN ISO/IEC 17025:2018 by the Czech Accreditation Institute

TEST REPORT

AZL 20/ 0934

CUSTOMER: LPMAN s.r.o.
K Zornici 1654/18
957 01 Bánovce nad Bebravou
Slovak republic

SAMPLE: Overall Mediman 2020
(according to the customer order) Fibre composition: double layer polypropylene non-woven fabric made by „melt blown“ technology padded by polypropylene fabric with silver antimicrobial component
Colour: white

SUBJECT OF ASSESSMENT: Determination of antibacterial activity – dynamic contact

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.

PREPARED BY:
CHECKED BY:
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M. Hrubanová
P. Jarmičová
4

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+420 543 426 720
+420 543 426 742
<http://www.tzu.cz>
azl@tzu.cz



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TEST RESULTS:

Test method – ASTM E 2149			
sample identification	CFU/ml		reduction R (%)
	0 h	2 h	
Inoculum	$2,37 \cdot 10^5$	$2,26 \cdot 10^5$	-
Overall MEDIMAN 2020	-	$1,44 \cdot 10^5$	23,44

Test method – ASTM E 2149			
sample identification	CFU/ml		reduction R (%)
	0 h	4 h	
Inoculum	$2,37 \cdot 10^5$	$2,15 \cdot 10^5$	-
Overall MEDIMAN 2020	-	$1,16 \cdot 10^5$	45,84

Test method – ASTM E 2149			
sample identification	CFU/ml		reduction R (%)
	0 h	6 h	
Inoculum	$2,37 \cdot 10^5$	$2,03 \cdot 10^5$	-
Overall MEDIMAN 2020	-	$5,20 \cdot 10^4$	74,36

Test method – ASTM E 2149			
sample identification	CFU/ml		reduction R (%)
	0 h	8 h	
Inoculum	$2,37 \cdot 10^5$	$2,08 \cdot 10^5$	-
Overall MEDIMAN 2020	-	$1,48 \cdot 10^4$	92,88





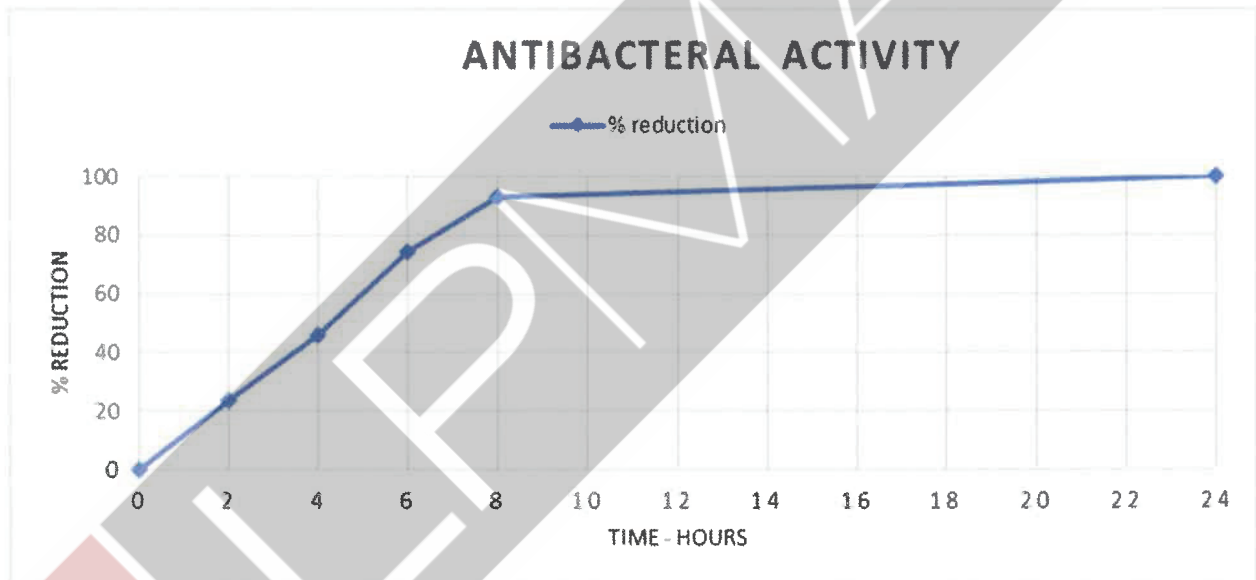
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Test method – ASTM E 2149			
sample identification	CFU/ml		reduction R (%)
	0 h	24 h	
Inoculum	$2,37 \cdot 10^5$	$1,70 \cdot 10^5$	-
Overall MEDIMAN 2020	-	$1,05 \cdot 10^2$	99,94

CFU...colony forming units

RESULTS IN GRAPH:



Approved:

Petr Nasadil
Head of Testing Laboratory

