



Burgdorf, 26.03.2020

Test order No. 2020-0265

Date of order: 27.02.2020
Responsible:
Pages: 3

Methoden:

ASTM G 21
ISO 22196

Determination of mold resistance:
Quantitative analysis for determination of the
bacteriostatic activity; film 35x35mm; inoculum 120ul:

SANITIZED AG

Erich Rohrbach
Head Microbiology

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

SANITIZED AG

Lyssachstrasse 95 | P.O. Box 1449 | 3401 Burgdorf | Switzerland



SANITIZED AG

Results

Description of sample

Sample number:	2020-0265-01	Received:	27.02.2020
Business:	POLYMER	Type:	LIC
Identification:	#17		
Main Component:	PVC		
Appearance:	White		
Field of Application:	Sunscreen		
Sanitized Products:	Sanitized® PL 14-32		
Declared quantity:	0.5%		

Remark: Production sample

Test results of the SANITIZED-laboratory

Determination of mold resistance:				
Method	Test point	Growth rate	Surface area	Evaluation
ASTM G 21	Growth rate 0 to 4 after 4 weeks of incubation	1	Traces (<10%)	Good mold resistance
Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Staphylococcus aureus ATCC 6538P	>4.20	>99.99	Good effect



Customer: Guangdong Qilong Technology Co., Ltd., CN Guangdong
Test order No.: 2020-0265



SANITIZED AG

Results

Description of sample

Sample number:	2020-0265-02	Received:	27.02.2020
Business:	POLYMER	Type:	LIC
Identification:	#19		
Main Component:	PVC		
Appearance:	White		
Field of Application:	Sunscreen		
Sanitized Products:	Sanitized® PL 14-32		
Declared quantity:	0,5%		

Remark: Production sample

Test results of the SANITIZED-laboratory

Determination of mold resistance:				
Method	Test point	Growth rate	Surface area	Evaluation
ASTM G 21	Growth rate 0 to 4 after 4 weeks of incubation	0	None	Excellent mold resistance
Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
ISO 22196	Staphylococcus aureus ATCC 6538P	>4,20	>99,99	Good effect



Customer: Guangdong Qilong Technology Co., Ltd., CN Guangdong
 Test order No.: 2020-0265