



Microbe Investigations AG

LS21-03035

Report date: October 18, 2021

Customer: Neutex Home Deco GmbH

Distributor: HeiQ Materials AG

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Microbe Investigations AG (MIS) is a spin-off company of ETH Zürich

MIS provides microbiological testing services primarily for industrial customers assessing the characteristics of developmental products. MIS also provides a depth of expertise in fundamental aspects of microbiology gained throughout many years of world-leading research. Target customers are primarily companies working with antimicrobial treatments on textiles, plastics, and coatings.

More information: www.microbe-investigations.com



Test report overview

General Info	Name	Contact	Key Account Manager
Customer	Neutex Home Deco GmbH	M. Rupprecht	R. Mundinger
Distributor	HeiQ Materials AG	L. Vermeersch	L. Vermeersch
Brand owner	-	-	-
Brand label	-	Application at	Client
Reason for testing	Product evaluation	Application by	Not specified
Effects	HeiQ Viroblock	Scale	3 - bulk trial

Test methods carried out in this report

Effect / Property	Testing standard	Test parameter
Quantitative antibacterial test on textiles	ISO 20743:2013	Bacterium: Staphylococcus aureus (ATCC 6538P)

Test results: Excellent - Perfect application // no adjustment on recipe or application needed

Test summary / comments:

Fabric SUMO treated with HeiQ Viroblock NPJ03 shows very good antimicrobial activity.

Samples, finishing process and textile information

Sample	Sample description
1	SUMO, grey; NPJ03

Recipe	Sample number
Product	1
Viroblock NPJ03 (17207) [--]	--
Substrates	1
Polyester [%]	100
Textile information	1
Weight [g/m2]	-
Construction	WOV
Structure	-

Legend:

Construction process	Textile structure
WOV = Woven	

General: Antibacterial Testing

Recipe	Sample number
Product	1
Viroblock NPJ03 (17207) [--]	--

ISO 20743: Staphylococcus aureus (ATCC 6538P)

Control	Initial	After contacting
Log cfu	4.01	7.18
Contacting time [hours]		18
Sub-Samples	1-1	
Log cfu Sample (staph)	2.50	
Percent reduction Sample (staph) [%]	99.998	
Log reduction Sample (staph)	4.67	
Activity Sample (staph)	++	

Test costs information (Pro-Forma invoice)

Total value of this report: USD 750.-