

Technical Service Report

AWE-12-83

18.01.12 FR

attn:

RUDOLF N.V. Belgium

Jeroen Sobrie

Reference:

JS/NL/512/002

Company:

VEROSOL FABRICS B.V.

Material:

fabric quality, treated with RUCO-BAC AGL

ref 2) SILVER SCREEN Health + Care

Subject:

determination of the antimicrobial effect

**Tests and Results:**

Lab No.: KV 14	<p><b>Antimicrobial effect</b></p> <p>Test method: ASTM E 2149-01 mod. (dynamic shake flask test)</p> <p>Incubation: room temperature, 24h</p> <p>Test strain: Staphylococcus aureus (ATCC 6538) **)</p> <p><b>Reduction of bacteria</b></p>	No for external test *)
2) SILVER SCREEN Health + Care	95.73 %	BTS 5482
lab control fabric	no reduction of bacteria, increase of titre	

\*) testing institute BTS: Biotesting Services – Intertek

\*\*) The test strain *Staphylococcus aureus* belongs to the group of the Gram-positive bacteria. Textiles are able to store humidity and heat and they offer a very large surface, that – beside others – can catch soil particles. Thus they offer an ideal biosphere for bacteria and support their growth.

If necessary, RUCO-BAC AGL sets free silver ions with antimicrobial effect. Due to the triple mechanism, that is typical for silver, RUCO-BAC AGL prevents bacterial growth and their colonization on the textile surface.

Note: Presentation of data should not be construed as a public health claim.

Kind regards

RUDOLF GMBH

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