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Expert opinion

Test product: Dr. Schutz Vir-O-Bac Sealer

The **antimicrobial** and **antiviral** efficacy of **Dr. Schutz Vir-O-Bac Sealer** (company Dr. Schutz GmbH) is based on the following test report:

- LI-021-S-141-11 – tested based on modification of EN 13697 (phase 2 / step 2 test) and ISO 22196:2011 (Staphylococcus aureus and Acinetobacter baumannii)
- LI-021-145-6-3 – tested based on modification of EN 16777 (phase 2 / step 2 test) and ISO 21702:2019 (Modified vaccinia virus Ankara)
- LI-V-022-036 – tested based on modification of EN 16777 (phase 2 / step 2 test) and ISO 21702:2019 (Murine norovirus)
- LI-V-022-037 – tested based on modification of EN 16777 (phase 2 / step 2 test) and ISO 21702:2019 (Adenovirus Type 5)

Recommended use for Dr. Schutz Vir-O-Bac Sealer:

A sufficient reduction could be achieved under the following conditions of use:

Testorganism		conditions	Reduction	Kill rate
Adenovirus Type 5		Intensity: 20 mW / cm ² Voltage: 25 V	1.33 log ₁₀	95.32 %
Murine norovirus		Current intensity: 1.089 mA Contact time: 4 hours	1.00 log ₁₀	90.00 %
Modified vaccinia virus Ankara		Intensity: 2.4 mW / cm ² Voltage: 25 V Current intensity: 0.221 mA Contact time: 4 hours	1.67 log ₁₀	97.86 %
gram-positive germs	<i>Staphylococcus aureus</i>	Intensity: 4 mW / cm ² Voltage: 25 V	3.63 log ₁₀	99.98 %
gram-negative germs	<i>Acinetobacter baumannii</i>	Current intensity: 0.424 A Contact time: 60 min	2.72 log ₁₀	99,81 %

Dr. Schutz Vir-O-Bac Sealer reduces the load of bacteria and viruses on the surface by up to 99. 9%.



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Head of disinfectant testing