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Ihre Zeichen, Ihre Nachrichten vom

Unsere Zeichen, unsere Nachricht vom

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Summary: virus-inactivating properties of BACOBAN WB of sarastro GmbH for surface disinfection

This summary is based on the following expert reports of MikroLab GmbH for the surface disinfectant BACOBAN WB of sarastro GmbH:

Vaccinia virus expert report 2007-07-01

BVDV expert report 2007-06-08

The following concentration and exposure time are necessary for inactivation of the two test viruses:

1.0 % 5 minutes

in order to achieve a four log₁₀ reduction (inactivation \geq 99.99%) in a quantitative suspension test according to the guideline of Bundesgesundheitsamt (BGA, now Robert Koch-Institute, RKI) and Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e. V. (DVV, German Association for the Control of Virus Diseases).

After evaluation with vaccinia virus and Bovine Viral Diarrhea Virus (BVDV, surrogate of Hepatitis C Virus) the surface disinfectant BACOBAN WB can be declared as having "limited virucidal" properties according to a recommendation of an expert committee of RKI (Bundesgesundheitsbl 2004, 47: 62-66) and is thus able to inactivate enveloped viruses.

Therefore, after successful experiments with the above mentioned enveloped viruses the surface disinfectant BACOBAN WB is also effective against the so-called blood-borne viruses including HBV, HCV and HIV as well as against members of other virus families such as orthomyxoviridae (incl. all human and animal influenzaviruses), herpesviridae and coronaviridae (incl. SARS-CoV).


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