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Ihre Zeichen, Ihre Nachrichten vom

Unsere Zeichen, unsere Nachricht vom

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

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

Vaccinia virus expert report 2005-08-23

BVDV expert report 2005-08-27

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

undiluted 30 seconds

in order to achieve a four \log_{10} 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 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 is also effective against the so-called blood-borne viruses including HBV, HCV and HIV.

Dr. Jochen Steinmann