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Ihre Zeichen, Ihre Nachrichten vom

Unsere Zeichen, unsere Nachricht vom

Bremen, den 27.04.2009

Virus-inactivating properties of the hand disinfectant STOKOSEPT GEL of Evonik Stockhausen GmbH in a quantitative suspension test ("Richtlinie" of DVV/RKI)

This summary is based on the following expert reports of MikroLab GmbH for the hand disinfectant STOKOSEPT GEL of Evonik Stockhausen GmbH:

vaccinia virus expert report 08.06.2006

BVDV expert report 12.05.2006

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 ≥ 99.99 %) in a quantitative suspension test according to the guideline of the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e. V. (DVV, German Association for the Control of Virus Diseases) and the Robert Koch-Institute (RKI).

After evaluation with vaccinia virus and Bovine Viral Diarrhea Virus (BVDV, surrogate of Hepatitis C Virus) STOKOSEPT GEL 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 all enveloped viruses.

Therefore, after successful experiments with the two above mentioned enveloped viruses the hand disinfectant STOKOSEPT GEL 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 influenzaviruses), herpesviridae and coronaviridae (incl. SARS-CoV).

Dr. Jochen Steinmann