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Expert opinion

Activity of desderman care against adenovirus type 5 in a quantitative suspension test according to EN 14476

This updated expert opinion is based on the test report S15L0129A.U dating 01.05.2015.


The virus-inactivating properties of the hand disinfectant desderman care of Schülke & Mayr GmbH against adenovirus type 5 were investigated by a quantitative suspension test according to EN 14476:2013 under clean conditions.

According to the EN 14476 a disinfectant or a disinfectant solution at a particular concentration is considered as having virus-inactivating properties if within the recommended exposure period the titre is reduced by $\geq 4 \log_{10}$ (inactivation $\geq 99.99\%$).

desderman care was examined undiluted at 20 °C. 15, 30 and 60 seconds were chosen as exposure times. For hygienic hand disinfection 30 seconds are recommended by KRINKO (1), but the test product was already active after 15 seconds demonstrating a sufficient efficacy ($\geq 4 \log_{10}$) in the quantitative suspension test. In summary, a virucidal activity was measured as follows:

undiluted 15 seconds

The test report still fulfills the requirements for a measurement of virucidal activity according to EN 14476:2013+A1:2015, which represents the currently valid test standard.



Dr. Jochen Steinmann

desderman care – EN 14476

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1. Kommission für Krankenhaushygiene und Infektionsprävention (KRINKO) beim Robert Koch-Institut (RKI): Händehygiene in Einrichtungen des Gesundheitswesens. Bundesgesundheitsbl 2016; 59: 1139–1220.