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Expert opinion

Activity of desderman care against vaccinia virus according to the Guideline of DVV/RKI dating 01.12.2014

This expert opinion is based on the test report S15L0129V.U dating 11.07.2015.

The virus-inactivating properties of the hand disinfectant desderman care of Schülke & Mayr GmbH against vaccinia virus strain Elstree were investigated by a quantitative suspension test according to the Guideline of the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e.V. (German Association for the Control of Virus Diseases) and of the Robert Koch-Institute (RKI).

According to this Guideline, 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 and 30 seconds were chosen as exposure times. After 15 seconds the virus titre was decreased by $\geq 4 \log_{10}$ steps. Therefore, a virucidal activity against against vaccinia virus strain Elstree was measured as follows:

undiluted 15 seconds



Dr. Jochen Steinmann