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Expert opinion

Activity of desderman care against poliovirus type 1 in a quantitative suspension test according to EN 14476

This updated expert opinion is based on the test report S14ML1728/14/15L0129Po.U dating 30.04.2015.


The virus-inactivating properties of the hand disinfectant desderman care of Schülke & Mayr GmbH against poliovirus type 1 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. 30, 60 and 90 seconds were chosen as exposure times. After 30 seconds the virus titre was decreased by 4 \log_{10} steps. Therefore, a virucidal activity against poliovirus type 1 was measured as follows:

undiluted 30 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.



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