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Poliovirus efficacy of Sterillium med in a quantitative suspension test according to EN 14476:2013 under clean conditions

EXPERT OPINION

This expert opinion is based on the test report B13ML1613-1Po dated 04.12.2013.

The virus-inactivating properties of the hand disinfectant Sterillium med of BODE Chemie GmbH against poliovirus type 1 were investigated by a quantitative suspension test according to EN 14476:2013 under clean conditions.

According to EN 14476:2013 a disinfectant or a disinfectant solution at a particular concentration is considered as having virus-inactivating properties if within the recommended exposure period the titer is reduced by $\geq 4 \log_{10}$ (inactivation $\geq 99.99 \%$).

Sterillium med was examined undiluted (80.0 % and 97.0 %) at 20 °C. 15, 30 and 60 seconds were chosen as exposure times. The hand disinfectant Sterillium med of BODE Chemie GmbH demonstrated effectiveness against poliovirus type 1 undiluted after a contact time of 15 seconds at 20 °C under clean conditions. Therefore, Sterillium med can be declared as virucidal against poliovirus type 1 as follows:

undiluted 15 seconds


Dr. J. Steinmann