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Expert opinion

Activity of Bacoban WB against modified vaccinia virus Ankara (MVA) in a quantitative suspension test based on EN 14476:2013+A1:2015 under dirty conditions

This expert opinion is based on the test report L19/0102aMV.2 dating 26/03/2019.

The virus-inactivating properties of the surface disinfectant Bacoban WB of ROPIMEX R. OPEL GmbH against modified vaccinia virus Ankara (MVA) were investigated by a quantitative suspension test based on EN 14476 under dirty conditions.

According to this norm, 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 $\geq 99.99\%$).

The surface disinfectant Bacoban WB was examined as 1.0 % and 0.5 % solutions at 20 °C. 5 minute were chosen as exposure time. In summary, a virucidal activity against modified vaccinia virus Ankara (MVA) was measured as follows:

1.0 % 5 minutes dirty conditions (3.0 g/l BSA + 3.0 ml/l erythrocytes)

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