C/O DR. BRILL + PARTNER GMBH
INSTITUT FÜR HYGIENE UND MIKROBIOLOGIE
NORDEROOG 2, DE 28259 BREMEN
TELEFON 0049-40/557631-0
TELEFAX 0049-40/557631-11
EMAIL INFO@BRILLHYGIENE.COM
INTERNET WWW.BRILLHYGIENE.COM

Dr. J. Steinmann · c/o Dr. Brill + Partner GmbH · Norderoog 2 · DE-28259 Bremen

ROPIMEX R. OPEL GmbH Bildstocker Straße 12 DE - 66538 Neunkirchen

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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 ≥ 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)

Dr. Jochen Steinmann