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Polyomavirus (formerly papovavirus) SV 40 efficacy of STERILLIUM in a quantitative suspension test at 20°C with interfering proteins and cells according to BGA/DVV and prEN 14476:2003

## EXPERT OPINION

The virus-inactivating properties of the hand disinfectant STERILLIUM of BODE Chemie GmbH & Co. against polyomavirus SV 40 was investigated by a suspension test according to the guideline of the Bundesgesundheitsamt BGA, now Robert Koch-Institut) and the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e.V. (DVV, German Association for the Control of Virus Diseases) with interfering substances (BGA/DVV: BSA and fetal calf serum; prEN 14476:2003 „clean and dirty conditions“). In this suspension test, a disinfectant solution at a particular concentration is considered as having virucidal efficacy if within the recommended exposure period the titre is reduced by 4 logs<sub>10</sub>.

STERILLIUM was examined as 80.0% solution at 20°C. The exposure times were 1, 2, 3 and 5 minutes. Summarizing the results of the experiments it can be recommended to use the hand disinfectant STERILLIUM for the inactivation of polyomavirus SV 40 as follows:

**concentrated      5 min.**



Dr. J. Steinmann