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## Expert opinion

Activity of thermosept ED according to the Guideline of DVV/RKI dating 01.12.2014 against Minute Virus of Mice (MVM)

This expert opinion is based on the test report S15L0075aMP dating 06.05.2015.

The virus-inactivating properties of the instrument disinfectant thermosept ED of Schülke & Mayr GmbH against Minute Virus of Mice (MVM) were investigated by a quantitative suspension test according to the Guideline of the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e.V. (German Association for the Control of Virus Diseases) and of the Robert Koch-Institute (RKI).

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

thermosept ED was examined as 1.0 % solution at 55 °C. 5 and 15 minutes were chosen as exposure times. After 5 minutes the virus titre was decreased by  $\geq 4 \log_{10}$  steps in all assays. Therefore, a virucidal activity against Minute Virus of Mice (MVM) was measured as follows:

**1.0 %                      5 minutes                      55 °C**

So that the instrument disinfectant thermosept ED fulfills the requirements for virucidal activity according to the Guideline of DVV/RKI.

  
**Dr. Jochen Steinmann**