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BVDV efficacy of SILOSEPT

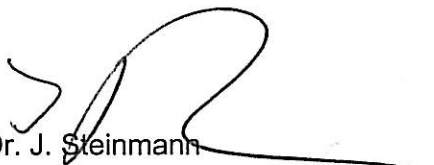
EXPERT'S INVESTIGATION REPORT AND SUMMARY

The virucidal efficacy of the disinfectant SILOSEPT from the firm A. Kettenbach GmbH & Co. KG against bovine viral diarrhoea virus (BVDV) was investigated by a quantitative suspension test according to the guideline of the Bundesgesundheitsamt (Federal Board of Health) and the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e.V. (German Society for the Control of Virus Diseases). BVDV was chosen as a surrogate virus for hepatitis C virus since there is no animal model or tissue culture system for growing this virus.

According to this suspension test, a disinfectant or 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 logs₁₀.

SILOSEPT was examined as a 0.5%, 1.0% and 2.0% solution. The exposure times were 5, 10 and 15 minutes. Summarizing the results of the experiments it can be recommended to use the disinfectant SILOSEPT for the inactivation of BVDV as follows:

0.5 % 5 min.


Dr. J. Steinmann