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Vaccinia virus efficacy of Cyber Clean Professional (active solution) in a quantitative suspension test at 20°C according to the guideline of DVV/RKI dated 01.08.2008

EXPERT OPINION

This expert opinion is based on the test report J10ML1163V dated 24.05.2011.

The virus-inactivating properties of the cleaner Cyber Clean Professional (active solution without addition of powder) of JOKER AG/SA against vaccinia virus strain Elstree 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 the Robert Koch-Institute (RKI).

According to this suspension test, 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 $\geq 99.99 \%$).

Cyber Clean Professional (active solution) was examined undiluted (80.0 %) and as 10.0 % solution at 20°C. 1, 5 and 60 minutes were chosen as exposure times. After an exposure time of 1 minute (10.0 % solution) virus reduction exceeded 4 \log_{10} -steps ($\geq 99.99 \%$). Therefore, a virucidal activity against vaccinia virus was measured as follows:

undiluted

1 minute


Dr. J. Steinmann