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14.07.2012
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MNV efficacy of Oxivir Plus Spray in a quantitative suspension test at 20 °C according to the EN 14476:2011 under clean conditions

EXPERT OPINION

This expert opinion is based on the test report D11ML1278-1cM dated 18.06.2012 (concentrate) and an additional examination of the ready-to-use solution (Oxivir Plus Spray).

The virus-inactivating properties of the surface disinfectant Oxivir Plus Spray of Diversey Europe against murine Norovirus (MNV) S99 strain Berlin as surrogate of human norovirus were investigated by a quantitative suspension test following EN 14476:2007-02 under clean conditions.

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 $\geq 99.99 \%$).

Oxivir Plus Spray was examined undiluted (80.0 %) at 20°C. 1, 2 and 3 minutes were chosen as exposure times. After an exposure time of 2 minutes virus reduction exceeded 4 \log_{10} -steps. Therefore, the virucidal activity against MNV of Oxivir Plus Spray under clean conditions was measured as follows:

undiluted 2 minutes

Dr. J. Steinmann