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EXPERT OPINION

for the limited spectrum of virucidal activity

After testing the disinfectant **Yusil Handsept** of the company Erkol Fill GmbH in accordance with

“current European Standards according to EN 14885 (2018)
for the **limited spectrum of virucidal activity** of disinfectants“

I give the following statement based on the results from the test laboratory HygCen Germany GmbH out of the test reports dated 2021-02-19 (PB 2021-0361, SN 30972) quantitative suspension test according to EN 14476 (Murine Norovirus (MNV)) and dated 2021-04-21 (PB 2020-3086, 2021-0360, SN 30972) quantitative suspension test according to EN 14476 (Adenovirus Type 5).

Results of the in vitro-tests

The quantitative suspension tests were carried out under **dirty conditions** with the test viruses Adenovirus Type 5 and Murine Norovirus (MNV).

The product **Yusil Handsept** shows sufficient reductions of $\geq 4\lg$ units for Adenovirus Type 5 in cultures of HeLa cells as well as for Murine Norovirus (MNV) in cultures of RAW 264.7 cells

under **dirty conditions**

in **80%** within **120 seconds**

**Application recommendation for
Yusil Handsept
for the limited spectrum of virucidal activity
under dirty conditions**

According to the results obtained, the product **Yusil Handsept** complies with the

“Requirements for a hand disinfectant according to EN 14885 (2018)”

with the following application

under **dirty conditions**

undiluted within **120 seconds**

Therefore under the same conditions and the afore mentioned application parameters a **limited spectrum of virucidal activity** against non-enveloped viruses such as Noroviruses, Adenoviruses and Rotaviruses and also all enveloped viruses such as HIV, HBV, HCV, Influenza viruses and Corona viruses (EN 14476, Annex A) can be assumed.



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