

SIGMA KULA D.O.O.

STUDY REPORT

2020 – 10734 / 20 23 01118

BIOCIDALPRODUCT AQUALOR H 200

**ANTIVIRAL ACTIVITY ACCORDING TO THE STANDARD EN 14476
OF THE PRODUCT "BIOCIDALPRODUCT AQUALOR H 200" AGAINST POLIOVIRUS,
ADENOVIRUS AND MURINE NOROVIRUS**

6. Conclusion

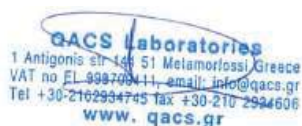
The antiviral activity of the product under test, labelled as " Biocidalproduct Aqualor H 200" against the Adenovirus type 5, Poliovirus type 1 and Murine norovirus was tested according to the EN 14476 standard: "Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity in the medical area- test method and requirements (Phase2/Step1)." According to the EN 14476 standard a product has antiviral activity when a reduction of at least 4 log of the virus is observed.

The product " Biocidalproduct Aqualor H 200" in 97.0% final concentration, demonstrated:

- a ≥ 6.1 log reduction of the Adenovirus type 5 (ATCC VR-5) after 1 min contact time in the presence of 0.3 g/L BSA, at 20°C
- a ≥ 6.3 log reduction of the Poliovirus 1 Sabin strain, LSc-2ab (WHO) after 1 min contact time in the presence of 0.3 g/L BSA, at 20°C
- a ≥ 6.0 log reduction of the Murine Norovirus (Strain S99 Berlin) after 1 min contact time in the presence of 0.3 g/L BSA, at 20°C

The product demonstrated antiviral activity against the non-enveloped DNA adenovirus, the non-enveloped RNA poliovirus and the non-enveloped RNA murine norovirus. According to the EN 14476 standard, products that have antiviral activity against the adenovirus, the poliovirus and the murine norovirus are considered active against all viruses (enveloped and non-enveloped).

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End of Study Report