

Intracare BV  
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Bremen, 14/02/2018

## Expert opinion

Activity of Intra Multi-Des GA against ECBO virus in a quantitative suspension test according to EN 14675:2015

This expert opinion is based on the test report L17/0768E.3 dating 14/02/2018.

The virus-inactivating properties of the surface disinfectant Intra Multi-Des GA of Intracare BV against bovine enterovirus type 1 (ECBO virus strain LCR-4) were investigated by a quantitative suspension test according to EN 14675:2015 with low-level soiling.

According to the EN 14675:2015, 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  $\geq 99.99 \%$ ).

Intra Multi-Des GA was examined as 0.75 % and 0.45 % solutions at 10 °C. 30 minutes were chosen as exposure times. In summary, a virucidal activity against ECBO virus type 1 was measured as follows:

**10 °C      0.75 %      30 minutes      low-level soiling (3.0 g/l BSA)**

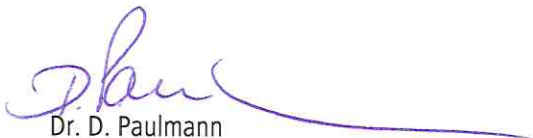
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Bremen, 05/02/2020

## **Expert statement: Virucidal efficacy tests according to EN 14675 against ECBO virus also covers efficacy against avian influenza A virus**

According to the EN 14675 (quantitative suspension test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1)) the bovine enterovirus type 1 (Enterovirus Cytopathogenic Bovine Orphan – ECBO) serves as the test virus for virucidal efficacy evaluation. This norm applies to products for the veterinary area. In this European norm examinations are restricted to ECBO virus as a “model test virus”, which, on the basis of the current knowledge, represents the most resistant virus with clinical relevance for this application area. Therefore, a proven virucidal efficacy claim according to EN 14675 against the non-enveloped test virus ECBO virus, a member of the *picornaviridae* family, also covers a virucidal efficacy against the enveloped (avian) influenza A virus, a member of the *orthomyxoviridae* family.

  
Dr. D. Paulmann