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Bremen, 02/06/2017

Expert opinion

Activity of GENTO CLEANER & DISINFECTANT against bovine coronavirus in a quantitative suspension test based on EN 14476:2013+A1:2015 under dirty conditions

This expert opinion is based on the test report L17/0239BC.1 dating 02/06/2017.

The virus-inactivating properties of the Floor and Hard Surface Cleaner and Disinfectant GENTO CLEANER & DISINFECTANT of Saudi Industrial Detergents Co. (SIDCO) against bovine coronavirus (BCoV) as surrogate of members of coronaviridae family including MERS-CoV were investigated by a quantitative suspension test based on EN 14476:2013+A1:2015 under dirty conditions.

According to the EN 14476, 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 $\geq 99.99\%$).

GENTO CLEANER & DISINFECTANT was examined as 12.5 %, 6.25 %, 3.13 % and 2.5 % solutions at 20 °C. 1, 5, 10, 15 and 30 minutes were chosen as exposure times. In summary, a virucidal activity against bovine coronavirus was measured as follows:

6.25 %	1 minute	dirty conditions
2.5 %	10 minutes	dirty conditions


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GENTO CLEANER & DISINFECTANT - based on EN 14476
Expert opinion no. L17/0239BC.1 Version 01