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Summary: Virus-inactivating properties (limited spectrum virucidal activity) of PERAL S of Midra Timro S.R.L. according to EN 14476:2013+A2:2019 under dirty conditions

This summary is based on the following test reports of Dr. Brill + Partner GmbH for the surface disinfectant PERAL S produced by Midra Timro S.R.L.:

adenovirus type 5 test report (L20/0924A.2) dating 31/08/2020
murine norovirus test report (L20/0924M.2) dating 31/08/2020

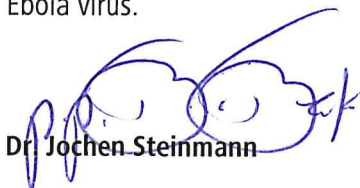
The following concentration and exposure time are necessary for the inactivation of the two test viruses:

0.2 % 5 minutes

in order to achieve a 4 log₁₀ reduction (inactivation ≥ 99.99 %) under dirty conditions in a quantitative suspension test according to EN 14476:2013+A2:2019.

After evaluation with adenovirus type 5 and murine norovirus (MNV) the surface disinfectant PERAL S can be declared as having "**limited spectrum virucidal activity**" according to EN 14476:2013+A2:2019.

The test for limited spectrum virucidal activity will cover the test viruses mentioned, rotavirus and all enveloped viruses (Annex A) like HBV, HCV, HIV as well as members of other virus families such as orthomyxoviridae (incl. all human influenza viruses), coronaviridae (like MERS-CoV, SARS-CoV-1 and SARS-CoV-2) and filoviridae including Ebola virus.


Dr. Jochen Steinmann

Extract from Annex A in EN 14476

Examples of viruses which may contaminate human medical instruments, hands, surfaces (*Enveloped viruses*)

NOTE This list is not exhaustive.

Blood

Filoviridae
Flavivirus
Herpesviridae
Hepatitis B virus (HBV)

Hepatitis C virus (HCV)
Hepatitis Delta virus (HDV)
Human Immunodeficiency Virus (HIV)
Human T Cell Leukemia Virus (HTLV)

Respiratory tract

Coronavirus
Herpesviridae

Influenza Virus
Paramyxoviridae
Rubella Virus

Neural tissue, ear & nose, eye

Herpesviridae
Measles Virus

Human Immunodeficiency Virus (HIV)
Rabies Virus
Rubella Virus

Gastro-intestinal

Coronavirus

Skin, breast and/or milk

Herpesviridae
Human Immunodeficiency Virus (HIV)

Human T Cell Leukemia Virus (HTLV)
Poxviridae

Spleen and lymph nodes (see also „Blood“)

Human T Cell Leukemia Virus (HTLV)
Human Immunodeficiency Virus (HIV)

Dental procedure

Herpesviridae
Hepatitis B virus (HBV)

Hepatitis C Virus (HCV)
Hepatitis Delta Virus (HDV)
Human Immunodeficiency Virus (HIV)

Urogenital tract

Hepatitis B Virus (HBV)
Herpesviridae
Human Immunodeficiency Virus (HIV)

Human T Cell Leukemia Virus (HTLV)

Reference:

Van Regenmortel MHV et al., Eds.: Virus Taxonomy, Classification and Nomenclature of Viruses, seventh report of the international committee on taxonomy of viruses.
Academic Press, San Diego, 2000