

Aquamar Disinfection Products B.V.
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Bremen, 02/10/2019

Summary: Virus-inactivating properties (limited spectrum virucidal activity) of Freebac-Oxiskin Plus 3% of Aquamar Disinfection Products B.V. according to EN 14476:2013+A2:2019 under clean conditions

This summary is based on the following test reports of Dr. Brill + Partner GmbH for the hand disinfectant Freebac-Oxiskin Plus 3% produced by Aquamar Disinfection Products B.V.:

adenovirus type 5 test report (L19/0608A.2) dating 02/10/2019
murine norovirus test report (L19/0608M.2) dating 02/10/2019

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

undiluted 2 minutes

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

After evaluation with adenovirus type 5 and MNV the hand disinfectant Freebac-Oxiskin Plus 3% 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 all enveloped viruses (Annex A) like HBV, HCV, HIV and Ebola virus and the specified test organisms.

Dr. Jochen Steinmann



From Annex A in EN 14476

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

NOTE This list is not exhaustive.

Blood

Enterovirus
Filoviridae
Flavivirus
Herpesviridae
Hepatitis A Virus (HAV)
Hepatitis B virus (HBV)

Hepatitis C virus (HCV)
Hepatitis Delta virus (HDV)
Human Immunodeficiency Virus (HIV)
Human T Cell Leukemia Virus (HTLV)
Parvovirus B 19

Respiratory tract

Adenovirus (Mast-)
Coronavirus
Enterovirus
Herpesviridae

Influenza Virus
Paramyxoviridae
Rhinovirus
Rubella Virus

Neural tissue, ear & nose, eye

Adenovirus (Mast-)
Enterovirus
Herpesviridae
Measles Virus

Human Immunodeficiency Virus (HIV)
Polyomavirus
Rabies Virus
Rubella Virus

Gastro-intestinal

Adenovirus (Mast-)
Caliciviridae
Coronavirus
Astrovirus

Enterovirus
Hepatitis A Virus (HAV)
Hepatitis E Virus (HEV)
Rotavirus

Skin, breast and/or milk

Enterovirus
Herpesviridae
Human Immunodeficiency Virus (HIV)

Human T Cell Leukemia Virus (HTLV)
Papillomavirus
Poxviridae

Spleen and lymph nodes (see also „Blood“)

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

Dental procedure

Adenovirus (Mast-)
Enterovirus
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)

Papillomavirus

Polyomavirus

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