

Disinfecting efficacy of deconex® FOAM PLUS

We herein confirm the efficacy of the pre-cleaning and moisturizing foam **deconex® FOAM PLUS** against bacteria, yeasts and enveloped viruses.

deconex® FOAM PLUS is based on the formulation of the disinfecting pre-cleaning agent **deconex® INSTRUMENT PLUS** with additional ingredients which support the formation of a stable foam. The antimicrobial and limited spectrum virucidal activity of **deconex® INSTRUMENT PLUS** has been tested according to the following European standards (contact time 5 min, dirty conditions):

Spectrum of activity	Method	Surrogate strains
Bactericidal	EN 13727:2015; EN 14561:2006	<i>S. aureus</i> , <i>E. hirae</i> , <i>P. aeruginosa</i>
Yeasticidal	EN 13624:2013; EN 14562:2006	<i>C. albicans</i>
Active against enveloped viruses (e.g., HIV, HCV, SARS-CoV-2)	EN 14476:2015	<i>Bovine Viral Diarrhea Virus (BVDV)</i> <i>Modified Vacciniavirus Ankara (MVA)</i>

Fungi are more resistant/tolerant towards disinfectants than enveloped viruses or vegetative bacteria ⁽¹⁻³⁾, therefore, equivalence of the efficacy of two products has been demonstrated by testing yeasticidal activity against the reference strain *Candida albicans* in accordance with the European Standard EN 13624:2013 ⁽⁴⁾. Further, to proof efficacy of **deconex® FOAM PLUS** when applied on surfaces, the foam was tested in carrier tests according to EN 13697:2015 ⁽⁵⁾.

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Scientific Affairs
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References

- (1) CDC - Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008. Update May 2019. William A. Rutala, Ph.D., M.P.H.1,2, David J. Weber, M.D., M.P.H.1,2, and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Fig. 1, p. 115 Decreasing order of resistance of microorganisms to disinfection and sterilization (with the disinfection levels indicated)
- (2) Favero MS, Bond WW. Chemical disinfection of medical and surgical materials. In: Block SS, ed. Disinfection, sterilization, and preservation. Philadelphia: Lippincott Williams & Wilkins, 2001:881-917
- (3) Russell AD. Bacterial resistance to disinfectants: present knowledge and future problems. J. Hosp. Infect. 1998(43):57-68.
- (4) Report 190081.V2, HYGIENE NORD GmbH, Greifswald, Germany.
- (5) Report 190083.V2, HYGIENE NORD GmbH, Greifswald, Germany.