

Aerosol disinfection: Which Diosol concentration against which pathogens?

Diosol hydrogen peroxide concentration	Pathogen spectrum	Specific pathogens
Diosol-3 ^{1/2}	Bacteria Yeasts Skin fungus Moulds Enveloped viruses	Acinetobacter Aeromonas salmonicida Agrobacterium radiobacter Alcaligenes sp. Alternaria alternata Arcanobacterium Aspergillus Aspergillus flavus Aspergillus fumigatus Aspergillus mucou Aspergillus niger Aspergillus penc Burkholderia cepacia Campylobacter jejuni Candida Candida albicans Candida stell. Chlamidomonas sp. Cholerae Chroomonas norstedtii Chryseomonas luteola Citrotrobacter species. Cladosporium cladosporoides Coliforme Bacteria Edwardsiella Enterococcus faecalis Enterococcus spec. ESBL Escherichia coli Ewingella GB-Viren Gram-positive bacteria Hafnia alvei Yeast (Yeast, Levures Helminthosporium Hepatitis B Hepatitis C Virus Surrogate (BVDV) Hepatitis D

¹ Institute Schwarzkopf (2010): Summary table bacteria, moulds, viruses

² University medicine Göttingen (2013): Determination of the microbiological inactivation performance of the DIOSOL disinfection method in the quantitative suspension test with practical germ carriers

		<p> Herpes simplex type 1 HIV (-HTLV-III or LAV) K.oxytoca Klebsiella Klebsiella pneumoniae Lactobacillus Lactobacillus brevis Lactobacillus lindneri Lactobacillus plantarum Lactobacillus wild type Legionella pneumophila Leuconostoc mesenteroides Listeria Listeria inoqua Listeria monocytogenes Mesophillic Bacteria Micrococcus candidus Micrococcus luteus Micrococcus marine sp Micrococcus roseus Moraxella-like Bacteria MRSA Mucor spp. Neisseria meningitidis Pasteurella Pediococcus Pediococcus damnosus Penicillium Penicillium digitatum Penicillium roqueforti Penicillium verrucosum Peptococcus Peptostreptococcus Prevotella Proteus Proteus mirabilis Proteus vulgaris Providencia Pseudomonas Pseudomonas aeruginosa Pseudomonas albus Pseudomonas alcaligenes Pseudomonas cepacia Pseudomonas chlororaphis Pseudomonas diminuta Pseudomonas fluorescens Pseudomonas pickettii Pseudomonas syringae Ralstonia pickettii Rhizopus Saccharomyces carlsbergensis Saccharomyces cerevisiae Saccharomyces uvarum Salmonella Salmonella enteritidis Salmonella paratyphi (A + B) </p>
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		Salmonella typhi Salmonella typhimurium Salmonella typhosa S. agalactiae Shigella Sphaerotilus Staphylococcus Staphylococcus aureus (incl. MRSA) Serratia marcescens Schimmelpilze (moulds) St. Epidermidis Stenotrophomonas maltophilia Streptococcus Streptococcus faecalis Streptococcus lactis Streptococcus pyogenes Thermo-stabila coliform Bacteria Trichophyton rubrum Yersinia enterocolitica Y.Pestis Yersinia pseudotuberculosis
Diosol-6	See Diosol-3	See Diosol-3
Diosol-8	See Diosol-3	See Diosol-3
Diosol-12 ³	Pathogen spectrum according to Diosol-3 + non-enveloped viruses	Murine norovirus (MNV)
Diosol-19 ^{4/5}	Pathogen spectrum according to Diosol-3 + non-enveloped viruses + mycobacteria	Adenovirus Type 5 Humane rotavirus Influenza virus H1N1 Murine norovirus Mycobacterium terrae (ATCC 15755) Mycobacterium tuberculosis Polio virus Type 1

If you have any question, please contact us by phone: +49 (0)6003-814-800 or by email: info@diopgmbh.com

³ MIKROLAB GmbH (2013): MNV efficacy of the DiosolGenerator PROTEC (as a surrogate for human noroviruses) following the NF T 72-281, using Diosol-12 and Diosol-19

⁴ University medicine Göttingen (2013): Determination of the microbiological inactivation performance of the DIOSOL disinfection method against Mycobacterium terrae and Mycobacterium tuberculosis in the quantitative suspension test with practical germ carriers

⁵ MIKROLAB GmbH (2013): Virus inactivating efficacy of the DiosolGenerator PROTEC (different test viruses such as rotavirus) following the NF T 72-281, using Diosol-12 and Diosol-19

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Note: Please take into consideration that all Diosol concentrations are unique and specially-developed aerosol disinfectants. All data are based on expert statements and test reports shown in the footnotes.

