

Summary of expertises Aldekol DES® 03

Methodology/ (spectrum of activity)	Germs	Organisation/ year	Result
DIN EN			
DIN EN 14675 (veterinary area, virucidal activity 2/1)	<ul style="list-style-type: none"> Bovine enterovirus type 1 (ECBO), ATCC VR-248 	Labor Dr. Merk & Kollegen GmbH Ochsenhausen 2009	1 % / 120 min., 2 % / 60 min. (10°C, low level soiling) 1 % / 60 min. (20°C, low level soiling)
DIN EN 14675 (veterinary area, Porcine Reproductive & Respiratory Syndrome Virus (PRRSV))	<ul style="list-style-type: none"> PRRSV, strain USA2, RVB-244 	Labor Dr. Merk & Kollegen GmbH Ochsenhausen 2011	0,25 % / 30 min. (10°C, low level soiling) 0,5 % / 30 min. (10°C, high level soiling)
DIN EN ³ 1656 (veterinary area, bactericidal activity, 2/1)	<ul style="list-style-type: none"> Staphylococcus aureus, ATCC 6538 Proteus vulgaris, ATCC 13315 Enterococcus hirae, ATCC 10541 Pseudomonas aeruginosa, ATCC 15442 	L&S AG Bad Bocklet 2009	0,5% / 30 min. (10°C, low level soiling) 1,0% / 30 min. (10°C, high level soiling)
DIN EN 14349 (veterinary area, bactericidal activity, 2/2)	<ul style="list-style-type: none"> Staphylococcus aureus, ATCC 6538 Proteus vulgaris, ATCC 13315 Enterococcus hirae, ATCC 10541 Pseudomonas aeruginosa, ATCC 15442 		
DIN EN 1657 (veterinary area, levurocidal activity 2/1)	<ul style="list-style-type: none"> Candida albicans, ATCC10231 		
DIN EN 1657 (veterinary area, fungicidal activity 2/1)	<ul style="list-style-type: none"> Aspergillus brasiliensis, ATCC 16404 	L&S AG Bad Bocklet 2010	3,0% / 30 min. (10° C, low level soiling)
DIN EN 16437 (veterinary area, bactericidal activity, 2/2 porous surfaces)	<ul style="list-style-type: none"> Staphylococcus aureus, ATCC 6538 Proteus hauseri, ATCC 13315 Enterococcus hirae, ATCC 10541 Pseudomonas aeruginosa, ATCC 15442 	Hyggen Schwerin Feb 2017	1,5% / 60 min (10°C, low level soiling) 1,0% / 120 min (10°C, low level soiling)
DIN EN 16438 (veterinary area, levurocidal activity 2/1)	<ul style="list-style-type: none"> Candida albicans, ATCC10231 	Hyggen Schwerin Feb 2017	1,0% / 30 min (10°C, low level soiling) 0,5% / 60 min (10°C, low level soiling)
DIN EN 16438 (veterinary area, fungicidal activity 2/1)	<ul style="list-style-type: none"> Aspergillus brasiliensis, ATCC 16404 		2,0% / 60 min (10°C, low level soiling)

The results of the DVG expertises describe the use recommendations of the expert according to the test results. They may differ to the listed values of the DVG;
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PrEN 13697:2003 food area (fungicidal activity)	<ul style="list-style-type: none"> Candida albicans, ATCC 10231 Aspergillus brasiliensis, ATCC 16404 	Laboratorim S.C. Katowice, Poland 2007	0,5% / 60min (20°low level soiling)
Parasites in Mushroom rearing	<ul style="list-style-type: none"> Internal method THESEO Deutschland GmbH 	2004	1,0%, 120min (20°C)
DVG			
DVG veterinary area (virucidal activity)	<ul style="list-style-type: none"> Newcastle Disease Virus, strain California; Vaccinia-Virus, strain Elstree; Reovirus type 1; ECBO-Virus, strain LCR4 	Uni Hohenheim 1991	1,0 % / 45 min. (non enveloped virus) (20° C) 0,5 % / 4 h. o. 1,0 % / 15 min. (enveloped virus) (20° C)
DVG veterinary area (virucidal activity)	<ul style="list-style-type: none"> Newcastle Disease Virus, strain California; Vaccinia-Virus, strain Elstree; Reovirus type 1; ECBO-Virus, strain LCR4 	I.f.P. TiHo Hannover 1990	0,5 % / 180 min. oder 1,0 % / 30 min. (enveloped and non enveloped virus) (20° C)
DVG veterinary area (avian influenza virus, bird flu, H5N6)	<ul style="list-style-type: none"> Avian influenza virus A/duck/Potsdam/2216/84 (H5N6), low pathogenic 	Uni Leipzig 2007	0,1 % / 15 min. (20°C) (only suspension tests, with soiling)
DVG veterinary area (bactericidal/fungicidal activity)	<ul style="list-style-type: none"> Staphylococcus aureus, DSM 799 Enterococcus faecium, DSM 2918 Proteus mirabilis, DSM 788 Pseudomonas aeruginosa, DSM 939 Candida albicans, DSM 1386 	I.f.H. BaMf Kiel 1989	0,5 % / 1 h (preventive disinfection) 1,0 % / 2 h (special disinfection) 0,5 % / 2 h (disinfection of fungi)
DVG veterinary area (bactericidal/fungicidal activity)	<ul style="list-style-type: none"> Staphylococcus aureus, DSM 799 Enterococcus faecium, DSM 2918 Proteus mirabilis, DSM 788 Pseudomonas aeruginosa, DSM 939 Candida albicans, DSM 1386 	Uni Hohenheim 1991	0,25 % / 1 h or 0,5 % / 30 min. (preventive disinfection)) 0,5 % / 2 h or 1,0 % / 1 h (special disinfection) 1,0 % / 1 h (disinfection of fungi))
DVG veterinary area (bactericidal activity)	<ul style="list-style-type: none"> Enterococcus hirae, ATCC 10541 Staphylococcus aureus, ATCC 6538 Proteus hauseri (vulgaris), ATCC 13315 Pseudomonas aeruginosa, ATCC 15442 	Dr. Brill und Dr. Steinmann 2018	10°C, 1,5% / 120min (specific disinfection) 10°C, 0,75%/ 30min (preventive disinfection)
OTHER			
IVD (avian influenza virus, bird flu, H5N1)	<ul style="list-style-type: none"> Avian influenza virus R132/03 (Subtype H5N1), highly pathogenic 	IVD Insel Riems 2004	1,0 % / 60 min. (RT, with soiling)

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ASP (African swine fever)	<ul style="list-style-type: none"> <li data-bbox="577 172 864 196">• African swine fever virus 	FRCVM Russia 2019	0,5%/60min (20°C – real conditions ; no cleaning, field test)

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