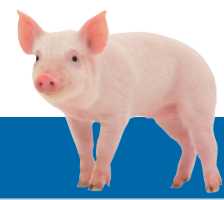


# Virocid - Dairy

Bacteria	Norm (Dilution)	Disease
Bacillus cereus	T72-190 ENG (0.25%), T72-190 NI (0.50%)	Mastitis
Clostridium perfringens	EN 1276 (0.50%)	Abomasitis, hemorrhagic enteritis, enterotoxemia, tympania, gas gangrene, sudden death
Corynebacterium pseudotuberculosis	AOAC UDT (0.25%)	ventral lymphadenitis (infection of the ventral lymph nodes), abscesses, dermatitis, abortion, mastitis
Escherichia coli	EN 1276 (0.25%), NFT 72 301 (0.25%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), EN 13697 (0.50%), EST (0.25%), AOAC Abu Dhabi (0.25%), ISO 22196:2007 (0.10%), AOAC UDT (0.25%), NFT 72-281 (FOGGING 10%)	Diarrhea, sepsis (blood poisoning), acute mastitis
Klebsiella pneumoniae	AOAC UDT (0.25%)	Mastitis
Lactobacillus plantarum	NFT 72 301 (0.25%)	Lactic acidosis
Listeria monocytogenes	AOAC UDT (0.25%)	Listeriosis : sepsis, placentitis, foetal infection, metritis, abortion, encephalitis (zoonosis)
Pasturella multocida	AOAC UDT (0.25%)	Pasteurellosis: pneumonia, skin disease (zoonosis)
Proteus mirabilis	EST (0.25%), DVG (0.50%)	Infections of the respiratory, gastrointestinal and genitourinary system, wounds, abscesses, dermatitis
Pseudomonas aeruginosa	EN 1040 fr (0.50%), EN 1276 (0.50%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), AOAC UDT (0.25%), AOAC UDT (0.25%), EST (0.25%), CIRLAM SDP+paper (0.50%), CIRLAM SDP(thaw) (1.00%), NFT 72 301 (0.25%), DVG (0.125%), DVG (0.50%), DVG (0.125%), DVG (0.50%), AOAC UdmBasic (0.25%), AOAC Abu Dhabi (0.25%), EN 13697 (0.50%), EN 14349: 2012 (0,50%), NFT 72-281 (FOGGING 10%)	Mastitis, abortion, genital infections
Salmonella choleraesuis	AOAC UdmBasic (0.25%), AOAC UDT (0.25%)	Salmonellosis, enteritis, abortion (zoonosis)
Salmonella enteritidis	EN 1276 (0.50%), AOAC 960.09 (0.125%), AOAC UDT (0.25%), EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella hadar	EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella heidelberg	EN 1276 (0.125%), AOAC 960.09 (0.125%)	salmonellosis, abortion (zoonosis)
Salmonella infantis	EN 1656 (0.50%)	Salmonellosis (zoonosis)
Salmonella typhimurium	EN 1276 (0.125%), EN 1656 (0.25%)	Salmonellosis, enteritis, abortion (zoonosis)
Salmonella virchow	EN 1656 (0.25%)	Salmonellosis (zoonosis)
Staphylococcus aureus	EN 140 fr (0.50%), EN 1276 (0.25%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), NFT 72 301 (0.25%), EST (0.25%), AOAC UDT (0.25%), CIRLAM SDP(thaw) (1.00%), CIRLAM SDP+paper (0.50%), DVG Böhm (0.125%), DVG Böse (0.50%), EN 13697 (0.50%), AOAC UdmBasic (0.25%), AOAC Abu Dhabi (0.25%), EN 14349: 2012(0,50%), NFT 72-281 (FOGGING 10%)	Mastitis
Staphylococcus hyicus	EN 1656 (0.25%), T72-190 NI (0.50%), EST (0.25%)	Skin infections, often combined with scabies
Brucella suis biovar 2 strain CODA13	AFNOR NFT 72-190 (0.50%)	Brucellosis, abortion (zoonosis)
Bacillus anthracis strain RKI03-01640	AFNOR NFT 72-190 (0.50%)	Anthrax (zoonosis)
Fungi and yeasts	Norm (Dilution)	Disease
Absidia corymbifera	T72-300 (4.00%), NFT 72 301 (0.25%),	Abortion, zygomycosis (infection)
Candida albicans	T72-190 NI (0.25%), T72-190 ENG (0.25%), EST (0.50%), DVG (1.00%), DVG (0.50%), DVG (0.50%), DVG (0.25%), EN 13697 (0.50%)	Candidiasis: mastitis, abortion
Geotrichum candidum	NFT 72 301 (0.10%)	Geotrichosis: mastitis, abortion, oral, bronchial, pharyngeal and intestinal disorders
Trichophyton mentagrophytes	EN 1650 (2.00%), AOAC (0.25%)	Dermatophytosis (ringworm)
Virusses	Norm (Dilution)	Disease
Foot and mouth disease virus	VIROCID FMD Eng (0.10%), NFT 72-180 (0.50%), Technical file FMD (0.50%), MKZV-FR (0.10%), MKZV (1.00%)	Foot-and-mouth disease (zoonosis)
H5N1 Influenza	H5N1 - test China (0.10%), US EPA 40 (0.25%), Use-dilution test AOAC (0.25%)	Avian influenza (zoonosis)
Vesicular stomatitis Virus (VSV)	EN 14675 (1.50%)	Vesicular stomatitis (zoonosis)
Aujeszky's disease / Pseudorabies	AFNOR (0.25%), AOAC (0.25%)	Aujeszky's diseases/ pseudorabies
Reovirus	EK1133 (0.50%), AOAC (0.25%)	Reovirus (gastrointestinal and respiratory system)
BVD	EN 14675 (1.00%)	Bovine viral diarrhea
Bovine enterovirus	EN 14675 (0.10%)	Bovine enterovirus (abortion, infertility, diarrhea, respiratory infections)
Mycoplasma mycoides	EN 1656:2000 (1.00%)	Contagious bovine pleuropneumonia



# Virocid - Pigs

Bacteria	Norm (Dilution)	Disease
Brachyspira hyodysenteriae	EN 1276 (0.25%)	Dysentery (inflammation large intestine)
Campylobacter jejuni	AOAC UDT (0.25%), EN 1656 (0.25%)	Diarrhea (piglets)
Clostridium perfringens	EN 1276 (0.50%)	Sows: sudden death, gangrene Piglets: hemorrhagic diarrhea, necrosis, death
Escherichia coli	EN 1276 (0.25%), NFT 72 301 (0.25%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), EN 13697 (0.50%), EST (0.25%), AOAC Abu Dhabi (0.25%), ISO 22196:2007 (0.10%), AOAC UDT (0.25%), NFT 72-281 (FOGGING 10%)	Diarrhea, mastitis
Klebsiella pneumoniae	AOAC UDT (0.25%)	Mastitis, endometritis
Listeria monocytogenes	AOAC UDT (0.25%)	Listeriosis: sepsis, pneumonia (zoonosis)
Mycoplasma hyopneumoniae	AOAC UDT (0.25%)	Enzootic pneumonia (chronic cough)
Pasturella multocida	AOAC UDT (0.25%)	Pasteurellosis: pneumonia (zoonosis)
Salmonella choleraesuis	AOAC UdmBasic (0.25%), AOAC UDT (0.25%)	Salmonellosis: pneumonia, hepatitis, cerebral vasculitis (zoonosis)
Salmonella enteritidis	EN 1276 (0.50%), AOAC 960.09 (0.125%), AOAC UDT (0.25%), EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella hadar	EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella heidelberg	EN 1276 (0.125%), AOAC 960.09 (0.125%)	Salmonellosis (zoonosis)
Salmonella infantis	EN 1656 (0.50%)	Salmonellosis (zoonosis)
Salmonella typhimurium	EN 1276 (0.125%), EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella typhisuis	AOAC UDT (0.25%)	Salmonellosis: necrosis, intestinal infections, inflammation of lymph nodes, sepsis (zoonosis)
Staphylococcus aureus	EN 140 fr (0.50%), EN 1276 (0.25%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), NFT 72 301 (0.25%), EST (0.25%), AOAC UDT (0.25%), CIRLAM SDP(thaw) (1.00%), CIRLAM SDP+paper (0.50%), DVG Böhm (0.125%), DVG Böse (0.50%), EN 13697 (0.50%), AOAC UdmBasic (0.25%), AOAC Abu Dhabi (0.25%), EN 14349: 2012 (0.50%), NFT 72-281 (FOGGING 10%)	MRSA (Methicilin resistant Staphylococcus aureus) (zoonosis)
Staphylococcus hyicus	EN 1656 (0.25%)	Greasy pig disease, sepsis
Streptococcus suis	AOAC UDT (0.25%)	Arthritis, sepsis, meningitis, endocarditis (piglets)
Brucella suis biovar 2 strain CODA13	AFNOR NFT 72-190 (0.50%)	Brucellosis: metritis, mastitis, infertility, abortion, bacteremia (zoonosis)
Bacillus anthracis strain RKI03-01640	AFNOR NFT 72-190 (0.50%)	Anthrax
Fungi and yeasts	Norm (Dilution)	Disease
Aspergillus fumigatus	EN1650 (0.50%), EST NI (0.50%), EST ENG (0.25%), AOAC Fungi (0.50%)	Mycotoxycosis: abortion, no lactation, liver damage, immunosuppression (sows)
Fusarium dimerum	AOAC Fungi (0.25%)	Mycotoxycosis: rectal/ vaginal prolaps, swollen vagina, stillbirth
Geotrichum candidum	NFT 72 301 (0.10%)	Geotrichosis: lumps in lymph nodes
Trichophyton mentagrophytes	EN 1650 (2.00%), AOAC (0.25%)	Dermatofytosis (ringworm)
Virusses	Norm (Dilution)	Disease
Foot and mouth disease virus	VIROCID FMD Eng (0.10%), NFT 72-180 (0.50%), Technical file FMD (0.50%), National Institute for Veterinary Research (0.10%)	Foot and mouth disease (zoönose)
H1N1 Influenza A (Mexican Flu)	US EPA 40 (0.25%)	Swine Influenza/ Mexican flu (zoonosis)
H5N1 Influenza	H5N1 - test China (0.08%), US EPA 40 (0.25%), Use-dilution test AOAC (0.25%)	Avian influenza (zoonosis)
Swine Fever	AFNOR NFT 72-180 (0.10%), AFNOR 86081 (0.25%), AFNOR (0.25%)	Swine fever
Talfan disease	AFNOR NFT 72-180 (hard water) (1.00%), AFNOR NFT 72-180 (proteins) (1.00%), AFNOR NFT 72-180 (Substances Interferences) (4.00%)	Teschen disease / Talfan disease: paralysis
Swine Vesicular Disease Virus (SVDV)	EN 14675 (0.50%)	Swine vesicular disease
Vesicular stomatitis Virus (VSV)	EN 14675 (1.50%)	Vesiculaire stomatitis (zoonosis)
Aujeszky's disease/ Pseudorabies	AFNOR (0.25%), AOAC (0.25%)	Aujeszky's disease/ Pseudorabies
African Swine Fever Virus	ASFV 2011 (0.50%)	African swine fever
PRRS	EPA 810.2100 (0.25%)	Porcine reproductive and respiratory syndrome
Porcine Circovirus	EPA 810.2100 (0.50%), EPA 810.2100 (1.00%)	Porcine circovirus/ Porcine Multisystemic Wasting Syndrome
Porcine Circovirus	EPA 810.2100 (0.50%), EPA 810.2100 (1.00%)	Porcine circovirus/ Porcine Multisystemic Wasting Syndrome
Porcine Epidemic Diarrhea virus	ASTM E1053-11 (compliant with EPA requirements) (0.25%)	Porcine Epidemic Diarrhea
PED Virus	EPA U.S. (0,25%)	Porcine Epidemic Diarrhea Virus

# Virocid - Poultry



Bacteria	Norm (Dilution)	Disease
Bordetella avium	AOAC UDT (0.25%)	Bordetellosis: sinusitis, cough, clear nasal discharge
Campylobacter jejuni	AOAC UDT (0.25%), EN 1656 (0.25%)	Enteritis, death
Clostridium perfringens	EN 1276 (0.50%)	Acute or chronic enterotoxemia: necrotic enteritis
Enterococcus faecium	DVG (2.00%), DVG (0.50%), NFT 72 301 (0.25%), DVG (0.25%), DVG (0.50%)	Enterococcosis: endocarditis, sepsis, diarrhea
Enterococcus hirae	EN 1276 (0.25%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), EN 13697 (0.50%), EN 14349: 2012 (0,50%), NFT 72-281 (FOGGING 10%)	Enterococcosis: endocarditis, sepsis, diarrhea
Escherichia coli	EN 1276 (0.25%), NFT 72 301 (0.25%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), EN 13697 (0.50%), EST (0.25%), AOAC Abu Dhabi (0.25%), ISO 22196:2007 (0.10%), AOAC UDT (0.25%), NFT 72-281 (FOGGING 10%)	Colibacillosis: sepsis, airsacculitis (infection of the air sac), pericarditis, perihepatitis
Haemophilus paragallinarum	AOAC UDT (0.25%)	Infectious coryza: nasal and ocular discharge, sneezing, facial swelling
Klebsiella pneumoniae	AOAC UDT (0.25%)	Klebsiellosis: diarrhea, sepsis, embryonic death and death of chicks
Listeria monocytogenes	AOAC UDT (0.25%)	Listeriosis: sepsis, local encephalitis, sudden death (zoonosis)
Mycoplasma gallisepticum	AOAC UDT (0.25%)	Mycoplasmosis: damage of the respiratory system
Mycoplasma synoviae	AOAC UDT (0.25%)	Tendinitis, bursitis, bronchitis, airsacculitis
Ornithobacterium rhinotracheale	AOAC UDT (0.25%)	Respiratory infections
Pasteurella multocida	AOAC UDT (0.25%)	Pasteurellosis/ Avian cholera: respiratory infections, diarrhea, lameness, sudden death
Proteus mirabilis	EST (0.25%), DVG (0.50%), DVG (0.125%), DVG (1.00%), DVG (0.50%)	Omphallitis (infection of the yolk sac)
Pseudomonas aeruginosa	EN 1040 fr (0.50%), EN 1276 (0.50%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), AOAC UDT (0.25%), AOAC UDT (0.25%), EST (0.25%), CIRLAM SDP+paper (0.50%), CIRLAM SDP(thaw) (1.00%), NFT 72 301 (0.25%), DVG (0.125%), DVG (0.50%), DVG (0.125%), DVG (0.50%), AOAC UdmBasic (0.25%), AOAC Abu Dhabi (0.25%), EN 13697 (0.50%), EN 14349: 2012 (0,50%), NFT 72-281 (FOGGING 10%)	Pseudomoniasis: respiratory infections, embryonic death, dyspnea, sepsis, death.
Salmonella choleraesuis	AOAC UdmBasic (0.25%), AOAC UDT (0.25%)	Salmonellosis (zoonosis)
Salmonella enteritidis	EN 1276 (0.50%), AOAC 960.09 (0.125%), AOAC UDT (0.25%), EN 1656 (0.25%)	Salmonellosis (zoonosis)
Salmonella pullorum	AOACT UDT (0.25%)	Salmonellosis: Pullorum disease, 'Bacillary white diarrhea' (zoonosis)
Staphylococcus aureus	EN 140 fr (0.50%), EN 1276 (0.25%), EN 1656 (0.50%), T72-300 AY (0.25%), T72-300 ED (0.25%), T72-190 ENG (0.25%), T72-190 NI (0.50%), NFT 72 301 (0.25%), EST (0.25%), AOAC UDT (0.25%), CIRLAM SDP(thaw) (1.00%), CIRLAM SDP+paper (0.50%), DVG Böhm (0.125%), DVG Böse (0.50%), EN 13697 (0.50%), AOAC UdmBasic (0.25%), AOAC Abu Dhabi (0.25%), EN 14349: 2012 (0,50%) NFT 72-281 (FOGGING 10%)	Staphylococcosis: infections, sepsis, lameness
Staphylococcus hyicus	EN 1656 (0.25%), T72-190 NI (0.50%), EST (0.25%)	Skin lesions
Fungi and yeasts	Norm (Dilution)	Disease
Aspergillus fumigatus	EN1650 (0.50%), EST NI (0.50%), EST ENG (0.25%)	Aspergillosis
Candida albicans	T72-190 NI (0.25%), T72-190 ENG (0.25%), EST (0.50%), DVG (1.00%), DVG (0.50%), DVG (0.50%), DVG (0.25%), EN 13697 (0.50%)	Candidiasis: malfunction of the crop
Virusses	Norm (Dilution)	Disease
Gumboro virus	Institut National de Recherches Vétérinaires (0.50%), AOAC (0.25%)	Gumboro disease/ Infectious Bursal Disease (IBD)
H1N1 Influenza A (Mexican Flu)	US EPA 40 (0.25%)	Swine influenza/ Mexican influenza (zoonosis)
H5N1 Influenza	H5N1 - test China (0.08%), US EPA 40 (0.25%), Use-dilution test AOAC (0.25%)	Avian influenza type H5N1 (zoonosis)
Virus Newcastle (Pseudo-fowl pest)	NFT 72-180 (0.10%), AOAC (0.25%), Institut National de Recherches Vétérinaires (0.50%)	Paramyxovirus 1/ Newcastle disease (zoonosis)
Avian Influenza (bird flu or fowl pest)	Institut National de Recherches Vétérinaires (1.00%), AOAC (0.25%),	Avian influenza (zoonosis)
Reovirus	Institut National de Recherches Vétérinaires (0.50%), AOAC (0.25%)	Viral arthritis
Marek's disease virus	AOAC (0.25%)	Marek's disease
Infectious bronchitis virus	EN 14675 (0.25%)	Infectious bronchitis
AI Laryngotracheitis	AOAC (0.25%)	Infectious laryngotracheitis