

Virocid[®] test results

Bacteria	Disease/ symptoms	Dilution			Species			
		EN	AOAC (EPA)	Other	Poultry	Pigs	Dairy	Other
<i>Bacillus anthracis</i>	Anthrax (zoonosis)			Afnor NFT72-190 (0,50%)		X	X	
<i>Bacillus cereus</i>	Mastitis			T72-190 ENG (0,25%)		X	X	
<i>Bacillus subtilis var. niger</i>				NFT 72-190 (0,25%)				
<i>Bordetella avium</i>	Bordetellosis: diarrhea, cough and nasal discharge		AOAC UDT (0,25%)		X			
<i>Brachyspira hyodysenteriae</i>	Dysentery (inflammation large intestine)	EN 1276 (0,25%)				X		
<i>Brucella suis</i>	Brucellosis: metritis, mastitis, infertility and abortion (zoonosis)			Afnor NFT72-190 (0,50%)		X	X	
<i>Campylobacter jejuni</i>	Enteritis, death and diarrhea (piglets)	EN 1656 (0,25%)	AOAC UDT (0,25%)		X	X		
<i>Clavibacter michiganensis</i>	Plant pathogen (tomatoes and potatoes)							Plants
<i>Clostridium perfringens</i>	Poultry: acute or chronic enterotoxemia: necrotic enteritis Pigs: sows: sudden death and gangrene. Piglets: hemorrhagic diarrhea, necrosis and death Dairy: Abomastitis, hemorrhagic enteritis, enterotoxemia, tympania, gas gangrene and sudden death	EN 1276 (0,50%)			X	X	X	
<i>Corynebacterium pseudotuberculosis</i>	Ventral lymphadenitis (infection of the ventral lymph nodes), abscesses, dermatitis, abortion and mastitis		AOAC UDT (0,25%)				X	
<i>Enterococcus faecium</i>	Enterococcosis: endocarditis, sepsis and diarrhea			NFT72-301 (0,25%)	X			
<i>Enterococcus hirae</i>	Enterococcosis: endocarditis, sepsis and diarrhea	EN 1276 (0,25%)			X			
<i>Escherichia coli</i>	Poultry: Colibacillosis: sepsis, arisacculitis (infection of air sac), pericarditis and perihepatitis Pigs: diarrhea and mastitis Dairy: diarrhea, sepsis and acute mastitis	EN 1276 (0,25%)			X	X	X	
<i>Haemophilus paragallinarum</i>	Infectious coryza: nasal and ocular discharge, sneezing and facial swelling		AOAC UDT (0,25%)		X			
<i>Klebsiella pneumoniae</i>	Poultry: Klebsiellosis: diarrhea, sepsis, embryonic death and death of chicks Pigs: mastitis and endometritis Dairy: mastitis		AOAC UDT (0,25%)		X	X	X	
<i>Lactobacillus plantarum</i>	Lactic acidosis			NFT72-301 (0,25%)			X	
<i>Listeria monocytogenes</i>	Poultry: Listeriosis: sepsis, local encephalitis and sudden death Pigs: Listeriosis: sepsis and pneumonia Dairy: Listeriosis: sepsis, placentitis, foetal infection, metritis, abortion and encephalitis Zoonosis		AOAC UDT (0,25%)		X	X	X	X

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		EN	AOAC (EPA)	Other	Poultry	Pigs	Dairy	Other
<i>Mycobacterium bovis</i>	Bovine tuberculosis	EN 14204 (1,00%)				X	X	
<i>Mycobacterium smegmatis</i>	Mastitis in dairy cattle			NFT 72-190 (0,25%)			X	
<i>Mycoplasma gallisepticum</i>	Mycoplasmosis: damage of respiratory system		AOAC UDT (0,25%)		X			
<i>Mycoplasma hyopneumoniae</i>	Enzootic pneumonia (chronic cough)		AOAC UDT (0,25%)			X		
<i>Mycoplasma mycoides</i>	Contagious bovine pleuropneumonia	EN 1656:2000 (1,00%)					X	
<i>Mycoplasma synoviae</i>	Tendinitis, bursitis, bronchitis and airsacculitis		AOAC UDT (0,25%)		X			
<i>Ornithobacterium rhinotracheale</i>	Respiratory infections		AOAC UDT (0,25%)		X			
<i>Pasteurella multocida</i>	Poultry: Pasteurellosis/ avian cholera: respiratory infections, diarrhea, lameness and sudden death Pigs: Pasteurellosis: pneumonia Dairy: Pasteurellosis: pneumonia and skin disease Zoonosis		AOAC UDT (0,25%)		X	X	X	
<i>Pectobacterium atrosepticum</i>	Plant pathogen causing blackleg in potatoes	EN 1276 (0,10%)						Plants
<i>Proteus mirabilis</i>	Poultry: omphalitis (infection of yolk sac) Dairy: infections of respiratory, gastrointestinal and urogenital system, wounds, abscesses and dermatitis			EST (0,25%)	X	X	X	
<i>Proteus vulgaris</i>	Pathogenic in humans	EN 14349 (0,50%)						
<i>Pseudomonas aeruginosa</i>	Poultry and pigs; Pseudomoniasis: respiratory infections, embryonic death, dyspnea, sepsis and death Dairy: Mastitis, abortion and genital infections		AOAC UDT (0,25%)		X	X	X	
<i>Pseudomonas syringae</i>	Plant pathogen	EN 1276 (0,10%)						Plants
<i>Pseudomonas tolaasii</i>	Plant pathogen causing bacterial blotch on cultivated mushrooms	EN 1276 (0,10%)						Plants
<i>Salmonella choleraesuis</i>	Poultry: Salmonellosis Pigs: Salmonellosis: pneumonia, hepatitis and cerebral vasculitis Dairy: Salmonellosis, enteritis, abortion Zoonosis		AOAC UDT (0,25%)		X	X	X	
<i>Salmonella enteritidis</i>	Salmonellosis and zoonosis		AOAC 960.09 (0,125%)		X	X	X	
<i>Salmonella hadar</i>	Salmonellosis and zoonosis	EN 1656 (0,25%)			X	X	X	
<i>Salmonella heidelberg</i>	Pigs: Salmonellosis Dairy: Salmonellosis and abortion Zoonosis	EN 1276 (0,125%)			X	X	X	
<i>Salmonella infantis</i>	Salmonellosis and zoonosis	EN 1656 (0,50%)			X	X	X	
<i>Salmonella paratyphi java</i>	Salmonellosis and zoonosis	EN 1276 (0,10%)			X	X	X	

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<i>Salmonella pulorum</i>	Salmonellosis: Pullorum disease, 'Bacillary white diarrhea' and zoonosis		AOAC UDT (0,25%)		X			
<i>Salmonella typhimurium</i>	Turkeys: Salmonellosis Pigs: Salmonellosis Dairy: Salmonellosis, enteritis, abortion Zoonosis	EN 1276 (0,125%)			X	X	X	
<i>Salmonella typhisuis</i>	Salmonellosis: necrosis, intestinal infections, inflammation of lymph nodes, sepsis (zoonosis)		AOAC UDT (0,25%)			X		
<i>Salmonella virchow</i>	Salmonellosis (zoonosis)	EN 1656 (0,25%)			X			
<i>Staphylococcus aureus</i>	Poultry: Staphylococcosis: infections, sepsis, lameness Pigs: MRSA (Methicilin Resistant Staphylococcus aureus) zoonosis Dairy: mastitis	EN 1276 (0,25%)			X	X	X	
<i>Staphylococcus hyicus</i>	Poultry: skin lesions Pigs: greasy pig disease, sepsis Dairy: skin infections often combined with scabies	EN 1656 (0,25%)			X	X	X	
<i>Streptococcus faecium</i>	Meningitis and Endocarditis			NFT 72-190 (0,25%)	X	X	X	
<i>Streptococcus suis</i>	Arthritis, sepsis, meningitis, endocarditis (piglets)		AOAC UDT (0,25%)			X		
<i>Xanthomonas campestris</i>	Plant pathogen	EN 1276 (0,10%)						Plants
<i>Yersinia pestis</i>	Food poisoning in humans after eating contaminated meat			NFT 72-190 (0,50%)	X	X		
Fungi and yeasts	Disease	Dilution			Species			
		EN	AOAC (EPA)	Other	Poultry	Pigs	Dairy	Other
<i>Absidia corymbifera</i>	Abortion, zygomycosis (infections)			NFT72-300 (2,00%)			X	
<i>Aspergillus fumigatus</i>	Poultry: Aspergillosis, eye lesions Pigs: Mycotoxicosis: abortion, no lactation, liver damage, immunosuppression in sows			EST ENG (0,25% - 0,50%)	X	X		
<i>Aspergillus niger</i>	Aspergillosis	EN 1650 (0,25%)			X	X		
<i>Aspergillus versicolor</i>	Aspergillosis			NFT 72-300 (0,50%)	X			
<i>Botrytis cinerea</i>	Plant pathogen causing necrotrophy in mainly grapes and other fruits	EN 1650 (0,50%)						Plants
<i>Candida albicans</i>	Poultry: Candidiasis: malfunction of the crop Pigs: Candidiasis: infections of intestinal tract Dairy: Candidiasis: mastitis, abortion			T72-190 ENG (0,25%)	X	X	X	
<i>Cladosporium cladosporioides</i>	Mycotic infections of the respiratory tract, asthmatic and allergic reactions			NFT 72-300 (0,50%)				Plants

Fungi and yeasts		Disease		Dilution			Species		
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<i>Fusarium dimerum</i>	Mycotoxicosis		AOAC Fungi (0,25%)			X			
<i>Fusarium oxysporum</i>	Mycotoxicosis	EN 1650 (0,50%)			X	X	X		
<i>Galactomyces geotrichum</i>	Plant pathogen causing post harvest disease in citrus (sour rot)	EN 1650 (0,50%)						Plants	
<i>Geotrichum candidum</i>	Geotrichosis			NFT72-301 (0,10%)		X	X		
<i>Penicillium digitatum</i>	Plant pathogen causing post harvest disease in fruits (green rot)	EN 1650 (0,50%)						Plants	
<i>Penicillium expansum</i>	Plant pathogen causing post harvest rot in apples		AOAC (0,25%)					Plants	
<i>Penicillium italicum</i>	Plant pathogen causing post harvest disease in citrus fruits	EN 1650 (0,50%)						Plants	
<i>Penicillium verrucosum</i>	Produces the mycotoxin Ochratoxin A which causes severe food poisoning in humans after consuming contaminated pork products			NFT 72-190 (0,25%)		X			
<i>Saccharomyces cerevisiae</i>	Non pathogen			NFT 72-190 (0,25%)					
<i>Sclerotinia sclerotiorum</i>	Plant pathogen causing 'white mold'on flowers and vegetables	EN 1650 (0,50%)						Plants	
<i>Scopulariopsis brevicaulis</i>	Hyperkeratosis			NFT72-301 (0,10%)			X		
<i>Trichophyton mentagrophytes</i>	Dermatophytosis (ringworm)		AOAC (0,25%)			X	X		
Virus		Disease		Dilution			Species		
		EN	AOAC (EPA)	Other	Poultry	Pigs	Dairy	Other	
<i>African Swine Fever virus</i>	African Swine Fever			ASFV 2011(0,50%)		X			
<i>Avian Infectious Laryngotracheitis virus</i>	Infectious laryngotracheitis		AOAC (0,25%)		X				
<i>Aujeszky's disease virus</i>	Aujeszky's disease/ pseudorabies		AOAC (0,25%)			X	X		
<i>Avian Influenza H9N2</i>	Avian influenza (bird flu or fowl pest) (zoonosis)		AOAC (0,25%)		X				
<i>Avian Influenza H5N1</i>	Avian influenza type H5N1 (zoonosis)		AOAC (0,25%)		X	X	X		
<i>Bovine enterovirus</i>	Bovine enterovirus (abortion, infertility, diarrhea, respiratory infections)	EN 14675 (0,10%)					X		
<i>Bovine viral diarrhea (BVD)</i>	Bovine viral diarrhea (BVD)	EN 14675 (1,00%)					X		
<i>Canine parvovirus</i>	Canine parvovirus (CPV) infection			ASTM E1053-97 (1,00%)				Dogs	
<i>Canine parainfluenza-virus</i>	Canine parainfluenza (CPIV) ('Canine cough')			ASTM E1053-97 (1,00%)				Dogs	
<i>Circovirus</i>	Avian circovirus in geese and ducks <i>Porcine Post Weaning Multisystemic Wasting syndrome (PMWS) in pigs</i>		AOAC (0,50%)		X	X			

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<i>Classical Swine Fever</i>	Classical Swine Fever (CSF)/ hog cholera/ pig plague			AFNOR NFT72-180 (0,10%)		X		
<i>Foot and mouth disease virus</i>	Foot and Mouth disease (zoonosis)			National Institute for Veterinary Research (0,10%)		X	X	
<i>Gumboro virus</i>	Gumboro disease/ Infectious Bursal Disease (IBD)		AOAC (0,25%)		X			
<i>H1N1 Influenza A</i>	Swine influenza type H1N1 (zoonosis)		AOAC (0,25%)			X		
<i>Infectious bronchitis virus</i>	Infectious bronchitis	EN 14675 (0,25%)			X			
<i>Infectious pancreatic necrosis virus</i>	Infectious Pancreatic Necrosis in salmonid fish			University Bergen Norway (1,50%)				Fish
<i>Marek's disease virus</i>	Marek's disease		AOAC (0,25%)		X			
<i>Newcastle virus (Pseudo-fowl pest)</i>	Newcastle disease/ Paramyxovirus (zoonosis)			NFT72-180 (0,10%)	X			
<i>Pepino Mosaic virus</i>	Pepino Mosaic virus (PepMV)			ILVO (0,50%)				Plants
<i>Porcine Epidemic Diarrhoea virus</i>	Porcine Epidemic Diarrhoea (PED)		EPA US (0,25%)			X		
<i>Porcine Reproductive and Respiratory Syndrome</i>	Porcine Reproductive and Respiratory Syndrome (PRRS)		EPA 810.2100 (0,25%)			X		
<i>Reovirus</i>	Poultry: viral arthritis Dairy: gastrointestinal and respiratory reovirus disease		AOAC (0,25%)		X		X	
<i>Swine vesicular disease virus (SVDV)</i>	Swine Vesicular Disease (SVD)	EN 14675 (0,50%)				X		
<i>Talfan disease</i>	Teschen disease/ Talfan disease			AFNOR NFT 72-180 (1,00%)		X		
<i>Tobacco Mosaic virus</i>	Tobacco Mosaic virus			University Ghent Belgium (0,50%)				Plants
<i>Transmissible Gastro-Enteritis virus</i>	Transmissible Gastro-Enteritis virus (TGEV) in pigs	EN 14675 (1,00%)				X		
<i>Vesicular stomatitis virus (VSV)</i>	Vesicular stomatitis (zoonosis)	EN 14675 (1,50%)				X	X	