

Virocid Test Results

Bacteria	Disease	Dilution	Kolom1	Kolom2	Species	Kolom3	Kolom4	Kolom5
		EN	AOAC (EPA)	Other	Poultry	Pigs	Dairy	Other
Aeromonas salmonicida subsp. Salmonicida	Furunculosis, sep	EN 13697 (0.25, 0.5, 1.0 %)	In sea water at 4 °C					Fish
Bacillus anthracis	Antrax (zoonosis)			Afnor NFT72-190 (0,50%)		X	X	
Bacillus cereus	Mastitis			T72-190 ENG (0,25%)		X	X	
Bacillus subtilis var. niger				NFT 72-190 (0,25%)				
Bordetella avium	Bordetellosis: diarrhea, cough and nasal discharge		AOAC (0,25%)		X			
Brachyspira hyodysenteriae	Dysentery (inflan	EN 1276 (0,25%)				X		
Brucella suis	Brucellosis: metritis, mastitis, infertility and abortion (zoonosis)			Afnor NFT72-190 (0,50%)		X	X	
Campylobacter jejuni	Enteritis, death at	EN 1656 (0,25%)	AOAC (0,25%)		X	X		
Carnobacterium piscicola	Mortality, pronot	EN 13697 (0.25, 0.5, 1.0 %)						Fish
			In sea water at 4 °C					
Clavibacter michiganensis	Plant pathogen (tomatoes and potatoes)							Plants
Clostridium perfringens	Poultry: acute or	EN 1276 (0,50%)			X	X	X	
	Pigs: sows: sudden death and gangrene.							
	Piglets: hemorrhagic diarrhea, necrosis and death							
	Dairy: Abomastitis, hemorrhagic enteritis, enterotoxemia, tympania, gas gangrene and sudden death							
Corynebacterium pseudotuberculosis	Ventral lymphadenitis (infection of the ventral lymph nodes), abscess	AOAC (0,25%)					X	
Enterococcus cecorum	Enterococcal Spondylitis or 'kinky-back'		AOAC (0,59%)		x	x		Dogs, cats, ducks
Enterococcus faecium	Enterococcosis: endocarditis, sepsis and diarrhea			NFT72-301 (0,25)	X			
Enterococcus hirae	Enterococcosis: e	EN 1276 (0,25%)			X			
Escherichia coli	Poultry: Colibaci	EN 1276 (0,25%)	AOAC (0,25%)		X	X	X	
	Pigs: diarrhea and mastitis							
	Dairy: diarrhea, sepsis and acute mastitis							
Haemophilus paragallinarum	Infectious coryza: nasal and ocular discharge, sneezing and facial sw	AOAC (0,25%)			X			
Klebsiella pneumoniae	Poultry; Klebsiellosis: diarrhea, sepsis, embryonic death and death o	AOAC (0,25%)			X	X	X	
	Pigs: mastitis and endometritis							
	Dairy: mastitis							
Lactobacillus plantarum	Lactic acidosis			NFT72-301 (0,25%)			X	
Listeria monocytogenes	Poultry: Listeriosis: sepsis, local encephalitis and sudden death		AOAC (0,25%)		X	X	X	X
	Pigs: Listeriosis: sepsis and pneumonia							
	Dairy: Listeriosis: sepsis, placentitis, foetal infection, metritis, abortion and encephalitis	Zoonosis						
Mycobacterium bovis	Bovine tuberculo	EN 14204 (1,00%)				X	X	
Mycobacterium smegmatis	Mastitis in dairy cattle			NFT 72-190 (0,25%)			X	
Mycoplasma gallisepticum	Mycoplasmosis: damage of respiratory system		AOAC (0,25%)		X			
Mycoplasma hyopneumoniae	Enzootic pneumonia (chronic cough)		AOAC (0,25%)			X		
Mycoplasma mycoides	Contagious bovir	EN 1656:2000 (1,00%)					X	

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Mycoplasma synoviae	Tendinitis, bursitis, bronchitis and airsacculitis	AOAC (0,25%)	X		
Ornithobacterium rhinotracheale	Respiratory infections	AOAC (0,25%)	X		
Pasteurella multocida	Poultry: Pasteurellosis/ avian cholera: respiratory infections, diarrhe	AOAC (0,25%)	X	X	X
	Pigs: Pasteurellosis: pneumonia				
	Dairy: Pasteurellosis: pneumonia and skin disease Zoonosis				
Pectobacterium atrosepticum	Plant pathogen c _e EN 1276 (0,10%)				Plants
Proteus mirabilis	Poultry; omphalitis (infection of yolk sac)	EST (0,25%)	X	X	X
	Dairy: infections of respiratory, gastrointestinal and urogenital system, wounds, abscesses and dermatitis				
Proteus vulgaris	Pathogenic in hui EN 14349 (0,50%)				
Pseudomonas aeruginosa	Poultry and pigs; Pseudomoniasis: respiratory infections, embryonic	AOAC (0,25%)	X	X	X
	Dairy: Mastitis, abortion and genital infections				
Pseudomonas syringae	Plant pathogen EN 1276 (0,10%)				Plants
Pseudomonas tolaasii	Plant pathogen c _e EN 1276 (0,10%)				Plants
Salmonella choleraesuis	Poultry; Salmonellosis	AOAC (0,25%)	X	X	X
	Pigs: Salmonellosis: pneumonia, hepatitis and cerebral vasculitis				
	Dairy: Salmonellosis, enteritis, abortion				
	Zoonosis				
Salmonella enteritidis	Salmonellosis and zoonosis	AOAC (0,125%)	X	X	X
Salmonella hadar	Salmonellosis an EN 1656 (0,25%)		X	X	X
Salmonella heidelberg	Pigs: Salmonello: EN 1276 (0,125%)		X	X	X
	Dairy: Salmonellosis and abortion				
	Zoonosis				
Salmonella infantis	Salmonellosis an EN 1656 (0,50%)		X	X	X
Salmonella kentucky	Salmonellosis an EN 1656 (1%)		X	X	X
Salmonella paratyphi java	Salmonellosis an EN 1276 (0,10%)		X	X	X
Salmonella pulorum	Salmonellosis: Pullorum disease, 'Bacillary white diarrhea' and zoor	AOAC (0,25%)	X		
Salmonella typhimurium	Turkeys: Salmon EN 1276 (0,125%)		X	X	X
	Pigs: Salmonellosis				
	Dairy: Salmonellosis, enteritis, abortion				
	Zoonosis				
Salmonella typhisuis	Salmonellosis: necrosis, intestinal infections, inflammation of lymph	AOAC (0,25%)		X	
Salmonella virchow	Salmonellosis (zc EN 1656 (0,25%)		X		
Staphylococcus aureus	Poultry; Staphylo EN 1276 (0,25%)		X	X	X
	EN 13697 (0,25, 0,5, 1,0 %)				
	In sea water at 4 °C				
Staphylococcus hyicus	Poultry: skin lesi EN 1656 (0,25%)		X	X	X
	Pigs: greasy pig disease, sepsis				

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	Dairy: skin infections often combined with scabies								
Streptococcus faecium	Meningitis and Endocarditis			NFT 72-190 (0,2)	X		X		
Streptococcus equi	Strangles	EN1656 (0,05%)							Horses
Streptococcus suis	Arthritis, sepsis, meningitis, endocarditis (piglets)		AOAC (0,25%)						
Xanthomonas campestris	Plant pathogen	EN 1276 (0,10%)							Plants
Yersinia pestis	Food poisoning in humans after eating contaminated meat			NFT 72-190 (0,5)	X				
Yersinia ruckeri	Enteric redmouth	EN 13697 (0,25, 0,5, 1,0 %)							Fish
	In sea water at 4 °C								
Absidia corymbifera	Abortion, zygomycosis (infections)			NFT72-300 (2,00%)				X	
Aspergillus fumigatus	Poultry: Aspergillosis, eye lesions			EST ENG (0,25%)	X				
	Pigs: Mycotoxicosis: abortion, no lactation, liver damage, immunosuppression in sows								
Aspergillus niger	Aspergillosis	EN 1650 (0,25%)			X		X		
Aspergillus versicolor	Aspergillosis			NFT 72-300 (0,5)	X				
Botrytis cinerea	Plant pathogen	c€ EN 1650 (0,50%)							Plants
Candida albicans	Poultry: Candidiasis: malfunction of the crop			T72-190 ENG (0,5)	X		X	X	
	Pigs: Candidiasis: infections of intestinal tract								
	Dairy: Candidiasis: mastitis, abortion								
Cladosporium cladosporioides	Mycotic infections of the respiratory tract, asthmatic and allergic reactions			NFT 72-300 (0,50%)					Plants
Fusarium dimerum	Mycotoxycosis		AOAC Fungi (0,25%)				X		
Fusarium oxysporum	Mycotoxycosis	EN 1650 (0,50%)			X		X	X	
Galactomyces geotrichum	Plant pathogen	c€ EN 1650 (0,50%)							Plants
Geotrichum candidum	Geotrichosis			NFT72-301 (0,10%)			X	X	
Penicillium digitatum	Plant pathogen	c€ EN 1650 (0,50%)							Plants
Penicillium expansum	Plant pathogen causing post harvest rot in apples		AOAC (0,25%)						Plants
Penicillium italicum	Plant pathogen	c€ EN 1650 (0,50%)							Plants
Penicillium verrucosum	Produces the mycotoxin Ochratoxin A which causes severe food poisoning in humans			NFT 72-190 (0,25%)			X		
Saccharomyces cerevisiae	Non pathogen			NFT 72-190 (0,25%)					
Sclerotinia sclerotiorum	Plant pathogen	c€ EN 1650 (0,50%)							Plants
Scopulariopsis brevicaulis	Hyperkeratosis			NFT72-301 (0,10%)				X	
Trichophyton mentagrophytes	Dermatophytosis (ringworm)		AOAC (0,25%)				X	X	
Virus	Disease	Dilution		Kolom1	Kolom2	Species	Kolom3	Kolom4	Kolom5
African Swine Fever virus	African Swine Fever				ASFV 2011(0,50%)		X		
Aleutian Disease virus	Aleutian Disease	EN14675 (1,00%)							Minks & ferrets
Avian Infectious Laryngotracheitis virus	Infectious laryngotracheitis		AOAC (0,25%)			X			
Aujeszky's disease virus	Aujeszky's disease/ pseudorabies		AOAC (0,25%)				X	X	
Avian adenovirus	IBH	EN14675 (0,25%)				x			

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Avian Influenza H9N2	Avian influenza (bird flu or fowl pest) (zoonosis)	AOAC (0,25%)	X		
Avian Influenza H5N1	Avian influenza type H5N1 (zoonosis)	AOAC (0,25%)	X	X	X
Bovine enterovirus	Bovine enterovir EN 14675 (0,10%)				X
Bovine viral diarrhea (BVD)	Bovine viral diarr EN 14675 (1,00%)				X
Canine parvovirus	Canine parvovirus (CPV) infection	ASTM E1053-97 (1,00%)			Dogs
Canine parainfluenza-virus	Canine parainfluenza (CPIV) ('Canine cough')	ASTM E1053-97 (1,00%)			Dogs
Circovirus	Avian circovirus in geese and ducks Porcine Post Weaning Multisys	AOAC (0,50%)	X	X	
Classical Swine Fever	Classical Swine Fever (CSF)/ hog cholera/ pig plague	AFNOR NFT72-180 (0,10%)		X	
Cucumber Green Mottle Virus (CGMMV)	Cucumber Green Mottle Virus (CGMMV)	0,25 % (60'), 0,5 % (60")			Cucumber, Water melon
Foot and mouth disease virus	Foot and Mouth disease (zoonosis)	National Institute for Veterinary Re	X		X
Gumboro virus	Gumboro disease/ Infectious Bursal Disease (IBD)	AOAC (0,25%)	X		
H1N1 Influenza A	Swine influenza type H1N1 (zoonosis)	AOAC (0,25%)		X	
Infectious bronchitis virus	Infectious bronch EN 14675 (0,25%)		X		
Infectious pancreatic necrosis virus	Infectious Pancreatic Necrosis in salmonid fish	University Bergen Norway (1,50%)			Fish
Marek's disease virus	Marek's disease	AOAC (0,25%)	X		
Newcastle virus (Pseudo-fowl pest)	Newcastle disease/ Paramyxovirus (zoonosis)	NFT72-180 (0,20	X		
Pepino Mosaic virus	Pepino Mosaic virus (PepMV)	ILVO (0,50%)			Plants
Piscine orthoreovirus (PRV)	Heart and skeletal muscle inflammation	30 min, 4 °C, 1%			Fish
Porcine Epidemic Diarrhoea virus	Porcine Epidemic Diarrhoea (PED)	EPA US (0,25%)		X	
Porcine Reproductive and Respiratory Syndrome	Porcine Reproductive and Respiratory Syndrome (PRRS)	EPA 810.2100 (0,25%)		X	
Reovirus	Poultry: viral arthritis	AOAC (0,25%)	X		X
	Dairy: gastrointestinal and respiratory reovirus disease				
Swine vesicular disease virus (SVDV)	Swine Vesicular EN 14675 (0,50%)			X	
Talfan disease	Teschen disease/ Talfan disease	AFNOR NFT 72-180 (1,00%)		X	
Tobacco Mosaic virus	Tobacco Mosaic virus	University Ghent Belgium (0,50%)			Plants
Tomato Mosaic Virus (ToMV)	Tomato Mosaic Virus (ToMV)	0,5 % (15')			Tomato plants
Tomato Brown Rugose Fruit Virus (ToBRFV)	Tomato Brown Rugose Fruit Virus (ToBRFV)	0,5 % (60")			Tomato, pepper plants
Transmissible Gastro-Enteritis virus	Transmissible Ga EN 14675 (1,00%)			X	
Vesicular stomatitis virus (VSV)	Vesicular stomati EN 14675 (1,50%)			X	X