

Viroid® Bacteria Test list overview

Bacteria	Disease	Norm	Concentration	Species			
				Poultry	Pigs	Dairy	Other
<i>Acheloplasma laidlawii</i>	Contagious bovine pleuropneumonia	EN 1656	1,00%			X	
<i>Aeromonas salmonicida</i> subsp. <i>Salmonicida</i>	Furunculosis, sepsis, hemorrhages, muscle lesions, inflammation of lower intestine & spleen, mortality in Fresh water fish populations	EN 13697	0,25%				Fish
<i>Bacillus anthracis</i>	Anthrax (zoonosis)	NFT72-190	0,50%		X	X	
<i>Bacillus cereus</i>	Mastitis	NFT72-190	0,25%			X	
<i>Bacillus subtilis</i> var. <i>Niger</i>		NFT72-190	0,25%				Fish
<i>Bordetella avium</i>	Bordetellosis: diarrhea, cough and nasal discharge	AOAC	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	1,00%		X	X	
<i>Campylobacter jejuni</i>	Enteritis, death and diarrhea (piglets)	EN 1656 (0,25%) / AOAC (0,25%)	0,25%	X	X		
<i>Carnobacterium piscicola</i>	Mortality, pronounced bilateral exophthalmia with periorcular hemorrhages, accumulation of ascitic fluid, hemorrhages in liver, swim bladder, muscles and intestines	EN 13697	0,25%				Fish
<i>Clavibacter michiganensis</i>	Plant pathogen (tomatoes and potatoes)	EN 1276	0,10%				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 EN 13704	0,50%	X	X	X	
<i>Corynebacterium pseudotuberculosis</i>	Ventral lymphadenitis (infection of the ventral lymph nodes), abscesses, dermatitis, abortion and mastitis	AOAC	0,25%			X	
<i>Enterococcus cecorum</i>	Enterococcal Spondylitis or 'kinky-back'	AOAC	0,59%	X	X		Dogs, cats, ducks
<i>Enterococcus faecium</i>	Enterococcosis: endocarditis, sepsis and diarrhea	NFT72-301	0,25%	X			
<i>Enterococcus hirae</i>	Enterococcosis: endocarditis, sepsis and diarrhea	TF-300 (0,25%) / EN 1276 (0,25%)/ EN 1656 (0,5%)	0,25% - 0,5%	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%) / AOAC (0,25%)	0,25%	X	X	X	
<i>Haemophilus paragallinarum</i>	Infectious coryza: nasal and ocular discharge, sneezing and facial swelling	AOAC	0,25%	X			
<i>Klebsiella pneumoniae</i>	Poultry: Klebsiellosis: diarrhea, sepsis, embryonic death and death of chicks Pigs: mastitis and endometritis Dairy: mastitis	EN 1656 (0,25%)/ AOAC (0,25%)	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	0,25%	X	X	X	X
<i>Mycobacterium bovis</i>	Bovine tuberculosis	EN14204	1,00%		X	X	
<i>Mycobacterium smegmatis</i>	Mastitis in dairy cattle	NFT 72-300 (1,00%) / EST (0,25%)	0,25% - 1%			X	
<i>Mycoplasma gallisepticum</i>	Mycoplasmosis: damage of respiratory system	AOAC	0,25%	X			
<i>Mycoplasma hyopneumoniae</i>	Enzootic pneumonia (chronic cough)	AOAC	0,25%		X		
<i>Mycoplasma synoviae</i>	Tendinitis, bursitis, bronchitis and airsacculitis	AOAC	0,25%	X			
<i>Ornithobacterium rhinotracheale</i>	Respiratory infections	AOAC	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	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 (1,25%) / EN 16437 (3%) EN 1656 (0,5 & 1%)	0,5% - 3%				
<i>Pseudomonas aeruginosa</i>	Poultry and pigs: Pseudomoniasis: respiratory infections, embryonic death, dyspnea, sepsis and death Dairy: Mastitis, abortion and genital infections	EN 14349 (0,50%) / EN 13437 (0,50%) EN 1656(0,5%)/ EN13697(0,5%)/AOAC(0,25 %)	0,25% - 0,5%	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

Salmonella choleraesuis	Poultry; Salmonellosis Pigs: Salmonellosis: pneumonia, hepatitis and cerebral vasculitis Dairy: Salmonellosis, enteritis, abortion Zoonosis	AOAC	0,25%	X	X	X	
Salmonella enteritidis	Salmonellosis and zoonosis	EN 1656 (0,25%) / AOAC (0,125%) / EN 1276 (0,125%)	0,125% - 0,25%	X	X	X	
Salmonella gallinarum		EN 1656	0,25%	X			
Salmonella hadar	Salmonellosis and zoonosis	EN 1656	0,25%	X	X	X	
Salmonella heidelberg	Pigs: Salmonellosis Dairy: Salmonellosis and abortion Zoonosis	EN 1276	0,13%		X	X	
Salmonella infantis	Salmonellosis and zoonosis	EN 1656	0,50%	X	X	X	
Salmonella kentucky	Salmonellosis and zoonosis	EN 1656	1,00%	X	X	X	
Salmonella paratyphi java	Salmonellosis and zoonosis	EN 1276	0,10%	X	X	X	
Salmonella pulorum	Salmonellosis: Pullorum disease, 'Bacillary white diarrhea' and zoonosis	AOAC	0,25%	X			
Salmonella typhimurium	Turkeys: Salmonellosis Pigs: Salmonellosis Dairy: Salmonellosis, enteritis, abortion Zoonosis	EN 1276	0,13%	X	X	X	
Salmonella typhisuis	Salmonellosis: necrosis, intestinal infections, inflammation of lymph nodes, sepsis (zoonosis)	AOAC	0,25%		X		
Salmonella virchow	Salmonellosis (zoonosis)	EN 1656	0,25%	X			
Staphylococcus aureus	Poultry; Staphylococcosis: infections, sepsis, lameness. Pigs: MRSA (Methicilin Resistant Staphylococcus aureus) zoonosis. Dairy: mastitis Fish: darkening skin, loss of scales, hemorrhages at the fine bases, hemorrhagic ulcers on the skin, hemorrhages & opacification in the eyes externally, anemia in the liver Hemorrhages on the visceral organs & splenomegaly internally	EN 13697(0,25%) EN 16437(3%) EN 14349(0,50%) EN 1656 (0,25%)	0,25% - 3%	X	X	X	Fish
Staphylococcus hyicus	Poultry: skin lesions Pigs: greasy pig disease, sepsis Dairy: skin infections often combined with scabies	EN 1656	0,25%	X	X	X	
Streptococcus faecium	Meningitis and Endocarditis	NFT 72-190	0,25%	X	X	X	
Streptococcus equi	Strangles	EN 1656	0,50%				Horses
Streptococcus suis	Arthritis, sepsis, meningitis, endocarditis (piglets)	AOAC	0,25%				
Vibrio parahaemolyticus		EN 1656	0,25%				Fish
Xanthomonas campestris	Plant pathogen	EN 1276	0,10%				Plants
Yersinia pestis	Food poisoning in humans after eating contaminated meat	NFT 72 - 190	1,00%	X			
Yersinia ruckeri	Enteric redmouth disease	EN 13697	0,25%				Fish