

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 | |

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| | | EN | AOAC (EPA) | Other | Poultry | Pigs | Dairy | Other |
| <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 |
| <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 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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| | | EN | AOAC (EPA) | Other | Poultry | Pigs | Dairy | Other |
| <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 | | |
|---|---|------------------|--------------------|-----------------------|---------|------|---------|--------|--|
| | | EN | AOAC (EPA) | Other | Poultry | Pigs | Dairy | Other | |
| <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 | | | |

| Virus | Disease | Dilution | | | Species | | | |
|--|--|----------------------|----------------------|--|---------|------|-------|--------|
| | | EN | AOAC (EPA) | Other | Poultry | Pigs | Dairy | Other |
| <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>Mycoplasma mycoides</i> | Contagious bovine pleuropneumonia | EN 1656:2000 (1,00%) | | | | | 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 | |