

Efficacy Data: Product #1131 (EPA Reg. No. 1839-168-37265)

Verucidal Efficacy
‡Bovine Viral Diarrhea Virus (BVDV)
*Canine Distemper, strain Lederle (ATCC VR-128)
*Feline Picornavirus, strain FRV (ATCC VR-649)
†Hepatitis B Virus (HBV) (Duck Hepatitis B Virus-DHBV)
‡Hepatitis C Virus (HCV) (Bovine Viral Diarrhea Virus-BVDV)
*Herpes Simplex Type 1 (ATCC VR-260)
*Herpes Simplex Type 2 (ATCC VR-734)
*Human Coronavirus (ATCC VR-740, strain 229E)
*Human Immunodeficiency Virus, HTLV-III _{RF} , strain of HIV-1 (associated with AIDS)
*Human Immunodeficiency Virus type 2 (HIV-2), strain CBL-20
*Infectious Bovine Rhinotracheitis, strain LA (ATCC VR-188)
*Influenza A2, strain Hong Kong (ATCC VR-544)
*Pseudorabies, strain Aujeszky (ATCC VR-135)
*Rotavirus, strain SA-11 (ATCC VR-899)
*Vaccinia, strain WR (ATCC VR-119)

Fungicidal Efficacy
Aspergillus niger (ATCC 6275)
Trichophyton mentagrophytes (ATCC 9533)
Candida albicans (ATCC 10231)

Bacteriacidal Efficacy
Staphylococcus aureus (ATCC 6538)
Salmonella choleraesuis (ATCC 10708)
Pseudomonas aeruginosa (ATCC 15442)
Bordetella bronchiseptica (ATCC 31437)
Corynebacterium ammoniagenes (ATCC 6871)
Enterobacter aerogenes (ATCC 13048)
Enterobacter cloacae (ATCC 23355)
Enterobacter cloacae (clinical isolate)
Enterococcus faecalis (ATCC 19433)
Enterococcus faecalis (clinical isolate)
Enterococcus faecalis (Vancomycin Resistant) (VRE) (ATCC 51575)
Escherichia coli (ATCC 11229)

Bacteriacidal Efficacy contd...
Escherichia coli (clinical isolate)
Fusobacterium necrophorum (ATCC 27852)
Klebsiella pneumoniae subsp. pneumoniae (ATCC 13883)
Lactobacillus casei subsp. rhamnosus (ATCC 7469)
Listeria monocytogenes (ATCC 35152)
Pasteurella multocida (ATCC 7707)
Proteus mirabilis (ATCC 9921)
Proteus mirabilis (ATCC 25933)
Proteus vulgaris (ATCC 13315)
Salmonella choleraesuis subsp. choleraesuis serotype paratyphi B (ATCC 8759)
Salmonella choleraesuis subsp. choleraesuis serotype pullorum (ATCC 9120)
Salmonella choleraesuis subsp. choleraesuis serotype typhi (ATCC 6539)
Salmonella choleraesuis subsp. choleraesuis serotype typhimurium (ATCC 14028)
Serratia marcescens (ATCC 8100)
Shigella dysenteriae (ATCC 12180)
Shigella flexneri Type 2b (ATCC 12022)
Shigella sonnei (ATCC 25931)
Staphylococcus aureus subsp. aureus (ATCC 33592)
Staphylococcus aureus (clinical isolate)
Staphylococcus aureus (Methicillin Resistant) (MRSA) (ATCC 33592)
Staphylococcus aureus (Vancomycin Intermediate Resistant) (VISA) (HIP 5863)
Staphylococcus epidermidis (ATCC 29641)
Staphylococcus epidermidis (clinical isolate)
Streptococcus pyogenes Group A (ATCC 19615)
Streptococcus pyogenes (clinical-flesh eating strain, BIRD M3)
Xanthomonas maltophilia (clinical isolate)
Xanthomonas axonopodis pathovar citri at a dilution ratio of 1:13.5 (2000 ppm active quat)