



Efficacy – Independent testing

Bactericidal

EN1276 Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas, 1 Minute Contact

- Staphylococcus aureus (NCTC 10788)
Clean Log >7.46 Dirty Log > 7.46
- Pseudomonas aeruginosa (NCTC 6749)
Clean Log >7.47 Dirty Log 7.2
- Escherichia coli (NCTC 10538)
Clean Log >6.78 Dirty Log >6.78
- Enterococcus hirae (NCTC 12367)
Clean Log >7.4 Dirty Log >7.4

AOAC Testing Protocol under GLP (Good Laboratory Practice) in the presence of 400 ppm hard water and 5% serum load (dirty conditions), 1 Minute Contact & EPA Approval

- Acinetobacter baumannii
- Acinetobacter lwoffii
- Bordetella bronchiseptica
- Campylobacter jejuni
- Chlamydia psittaci
- Citrobacter freundii
- Enterobacter aerogenes
- Enterobacter agglomerans
- Enterobacter cloacae
- Enterococcus faecalis
- Enterococcus faecium (Vancomycin Resistant - VRE)
- Escherichia coli
- Escherichia coli (Tetracycline Resistant)
- Klebsiella oxytoca
- Klebsiella pneumonia
- Leptospira
- Listeria monocytogenes
- Micrococcus luteus
- Pasturella multocida
- Proteus vulgaris
- Pseudomonas aeruginosa
- Pseudomonas cepacia
- Pseudomonas aeruginosa (Tetracycline Resistant)
- Salmonella enterica
- Salmonella enteric serotype pullorum
- Salmonella typhi
- Salmonella typhimurium
- Serratia marcescens
- Shigella flexneri
- Shigella sonnei
- Staphylococcus aureus
- Staphylococcus aureus sub species aureus
- Staphylococcus aureus (Community associated Methicillin Resistant- CA-MRSA)
- Staphylococcus aureus (Methicillin Resistant - MRSA)
- Staphylococcus aureus (Vancomycin Intermediate Resistant - VISA)

Bactericidal (continued)

AOAC Testing Protocol under GLP (Good Laboratory Practice) in the presence of 400 ppm hard water and 5% serum load (dirty conditions) 1 Minute Contact & EPA Approval

- Staphylococcus haemolyticus
- Staphylococcus epidermidis (Antibiotic Resistant)
- Streptococcus alactiae
- Streptococcus pneumonia (Penicillin Resistant)
- Streptococcus mutans
- Streptococcus pyogenes
- Vibrio cholera
- Yersinia enterocolitica

Viricidal

AOAC Testing Protocol under GLP (Good Laboratory Practice) & EPA Approval, 1 Minute Contact

- Swine influenza (H1N1)
- Avian influenza A (H3N2)
- Avian influenza A (H5N1)
- Cytomegalovirus
- Hantavirus
- Hepatitis B (HBV)
- Hepatitis C
- Herpes Simplex virus Type 1
- Herpes Simplex virus Type 2
- HIV-1 (AIDS virus)
- Human Coronavirus
- Influenza A/PR Virus
- Respiratory syncytial virus
- Noro Virus

Fungicidal

AOAC Testing Protocol under GLP (Good Laboratory Practice) & EPA Approval, 5 Minute Contact

- Aspergillus niger
- Candida
- Trichophyton mentagrophytes

Sporostatic / Sporicidal*

EU Clostridium difficile hard surface testing protocol

- Clostridium difficile
10 Minute Contact Log 1.2 reduction
- Clostridium difficile
48 Hours Contact Log >4 reduction

* No reversal of sporocidal activity was seen during the testing period