

Bacteria

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 1276 (2009) Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants. (Phase 2/Step 1)	Escherichia coli	0.3g/l bovine albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	2000mg/l
	Enterococcus hirae	0.3g/l bovine albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	2000mg/l
	Staphylococcus aureus	0.3g/l bovine albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	2000mg/l
	Pseudomonas aeruginosa	0.3g/l bovine albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	2000mg/l
EN 13727 (2003) Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants for instruments used in the medical area. (Phase 2/Step 1)	Enterococcus hirae	0.3g/l albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	1000mg/l
	Staphylococcus aureus	0.3g/l albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	1000mg/l
	Pseudomonas aeruginosa	0.3g/l albumin	1 minute	20°C	200mg/l
		3.0 g/l bovine albumin	5 minutes	20°C	1000mg/l

Bacteria & Fungi

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 13697 (2001) Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and industrial areas. (Phase 2/Step 2)	Escherichia coli	0.3g/l bovine albumin	5 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	5 minutes	20°C	2000mg/l
	Enterococcus hirae	0.3g/l bovine albumin	5 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	5 minutes	20°C	2000mg/l
	Staphylococcus aureus	0.3g/l bovine albumin	5 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	5 minutes	20°C	2000mg/l
	Pseudomonas aeruginosa	0.3g/l bovine albumin	5 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	5 minutes	20°C	2000mg/l
	Candida albicans	0.3g/l bovine albumin	5 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	5 minutes	20°C	100mg/l
	Aspergillus niger	0.3g/l bovine albumin	15 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	15 minutes	20°C	2000mg/l

Fungi

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 1650 (2008) Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants. (Phase 2/Step 1)	Candida albicans	0.3g/l bovine albumin	5 minutes	20°C	100mg/l
			1 minute	20°C	200mg/l
		3.0g/l bovine albumin	5 minutes	20°C	1000mg/l
	Aspergillus niger	0.3g/l bovine albumin	15 minutes	20°C	2000mg/l
		3.0g/l bovine albumin	15 minutes	20°C	5000mg/l
	EN13624 (2003) Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants and antiseptics for instruments used in the medical area	Candida albicans	0.3g/l bovine albumin	5 minutes	20°C
1 minute				20°C	200mg/l
3.0g/l bovine albumin + 3.0 g/l sheep erythrocytes			5 minutes	20°C	1000mg/l
Aspergillus brasiliensis		0.3g/l bovine albumin	15 minutes	20°C	2000mg/l
		3.0g/l bovine + 3.0 g/l sheep erythrocytes albumin	15 minutes	20°C	5000mg/l

Mycobacteria

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 14348 (2005) Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area (Phase 2/Step 1)	Mycobacterium terrae	0.3g/l bovine albumin	15 minutes	20°C	1000mg/l
		3.0g/l bovine albumin	15 minutes	20°C	5000mg/l

Spores

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 13704 (2002) Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants. (Phase 2/Step 1)	Bacillus subtilis	0.3g/l bovine albumin	10 minutes	20°C	5000mg/l
	Bacillus cereus	0.3g/l bovine albumin	10 minutes	20°C	5000mg/l
	Clostridium Difficile	0.3g/l bovine albumin	10 minutes	20°C	1000mg/l

Virus

Test Standard	Organism	Organic Challenge	Contact time	Test Temp (°C)	Conc. (Av Cl.)
EN 14476 (2011) Virucidal quantitative suspension test for chemical disinfectants used in human medicine. (Phase 2/Step 1)	Poliovirus	0.3g/l bovine albumin	5 minutes	20°C	500mg/l
		3.0g/l bovine albumin	5 minutes	20°C	1000mg/l
	Norovirus	0.3g/l bovine albumin	1 minute	20°C	500mg/l
		3.0g/l bovine albumin	1 minute	20°C	1000mg/l
	Adenovirus	0.3g/l bovine albumin	5 minutes	20°C	500mg/l
		3.0g/l bovine albumin	5 minutes	20°C	500mg/l