

OVERVIEW OF MICROBIOLOGY LABORATORY CAPABILITIES^X

Tested at Swissatest Microbiology Laboratory

Type of test	standard / device	removal of microorganisms				antimicrobial action		microbial load		mold / bacteria growth
		bacterial removal	mold / yeast removal	virus removal	biofilm removal	bactericidal / bacteriostatic	fungicidal / levuricidal / fungistatic	antiahesive action	bacteria / yeast	
Testing of disinfectants/detergents according to different standards and guidelines (DIN EN, NSF, RKI, VAH)						😊	😊			
	DIN EN 1040					😊				
	DIN EN 1275						😊			
	DIN EN 1650						😊			
	DIN EN 1276					😊				
	DIN EN 13697					😊	😊			
Hygiene performance of a specific cycle/detergent in situ with bioindicators (IEC, DIN, Swissatest protocols)		😊	😊	😊						
	Washing machines	😊	😊	😊						
	Tumble-dryers	😊	😊	😊						
	Dishwashers	😊	😊	😊						
Laundry disinfection (VAH, Swissatest protocols)		😊	😊	😊					😊	😊
Assessment and comparison of washing machines in terms of biofilm formation (in Situ)		😊	😊	😊	😊					
Efficiency of disinfectants/cleaners against biofilm (Biofilm screening tests)					😊					
Testing of antimicrobial or antiahesive coatings						😊	😊	😊		
	Antimicrobial efficiency of coated textiles (AATCC 100, ISO 20743, JIS L 1902, ASTM E2149)					😊	😊			
	Antimicrobial efficacy of coated plastic surfaces (ISO 22196)					😊				
Agar diffusion tests (DIN/EN/ISO 20645, SN195921)						😊	😊			
Mold growth tests/fungi resistance tests of materials (Moist chamber tests, ISO 846, EN 2591-306, MIL-STD-810_508.6, EN 14119, ASTM G21-15)										😊
Biodegradability (soil burial tests ISO 846)						😊	😊			😊
Testing of environment samples (food samples, drinking water, water from air conditioning units and cooling towers, air samples, samples of surfaces) according to different standards								😊	😊	
Detection and enumeration of different microorganisms according to different standards								😊	😊	