

DIN EN 17387:2021-10 (E)

Chemical disinfectants and antiseptics - Quantitative test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants in the medical area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms, definitions and abbreviations	5
3.1	Terms and definitions	5
3.2	Symbols and abbreviations	6
4	Requirements	6
5	Test methods	7
5.1	Principle	7
5.2	Materials and reagents	8
5.2.1	Test organisms	8
5.2.2	Culture media and reagents	8
5.2.3	Test surface	11
5.3	Apparatus and glassware	12
5.3.1	General	12
5.3.2	Usual microbiological laboratory equipment and, in particular, the following:	12
5.4	Preparation of test organism suspensions and product test solutions	13
5.4.1	Test organism suspensions	13
5.4.2	Product test solutions	19
5.5	Procedure for assessing the bactericidal, yeasticidal and fungicidal activity of the product	19
5.5.1	Choice of experimental conditions	19
5.5.2	Test procedure	20
5.5.3	Counting of the test mixtures	23
5.6	Calculation and expression of results	24
5.6.1	Calculation of data	24
5.6.2	Verification of methodology	25
5.6.3	Expression of results	25
5.6.4	Conclusion	26
5.7	Test report	26
Annex A (informative) Corresponding referenced strains		28
Annex B (informative) Neutralizers		29
Annex C (informative) Expression of results with the dilution-neutralization method		31
Annex D (informative) Bactericidal activity on surfaces under clean conditions		33
Annex E (informative) Vacuum drying by desiccator - Instruction of use		35
Annex F (informative) Precision of the test result		37
Bibliography		38