

DIN EN 1275:2006-03 (E)

Chemical disinfectants and anti septics - Quantitative suspension test for the evaluation of basic fungicidal or basic yeasticidal activity of chemical disinfectants and antiseptics - Test method and requirements (phase 1)

Contents

Page

Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	6
5 Test method	6
5.1 Principle	6
5.2 Materials and reagents	7
5.2.1 Test organisms	7
5.2.2 Culture media and reagents	7
5.3 Apparatus and glassware	9
5.3.1 General	9
5.3.2 Usual microbiological laboratory equipment and, in particular, the following:	9
5.4 Preparation of test organism suspensions and product test solutions	10
5.4.1 Test organism suspensions (test and validation suspension)	10
5.4.2 Product test solutions	13
5.5 Procedure for assessing the fungicidal or yeasticidal activity of the product	13
5.5.1 General	13
5.5.2 Dilution-neutralization method	14
5.5.3 Membrane filtration method	16
5.6 Experimental data and calculation	18
5.6.1 Explanation of terms and abbreviations	18
5.6.2 Calculation	19
5.7 Verification of methodology	22
5.7.1 General	22
5.7.2 Control of weighted mean counts	22
5.7.3 Basic limits	23
5.8 Expression of results and precision	23
5.8.1 Reduction	23
5.8.2 Control of active and non-active product test solution (5.4.2)	23
5.8.3 Limiting test organism and fungicidal/yeasticidal concentration	23
5.8.4 Precision, replicates	24
5.9 Interpretation of results - conclusion	24
5.9.1 General	24
5.9.2 Fungicidal activity	24
5.9.3 Yeasticidal activity	24
5.10 Test report	25
Annex A (informative) Referenced strains in national collections	27
Annex B (informative) Suitable neutralizers and rinsing liquids	28

Annex C (informative) Graphical representation of test procedures	30
Annex D (informative) Example of a typical test report	34
Annex E (informative) Precision of the test result	39
Annex F (informative) Information on the application and interpretation of European Standards on chemical disinfectants and antiseptics	42
Bibliography	44