

# 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)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>Requirements .....</b>	<b>6</b>
<b>5</b>	<b>Test method .....</b>	<b>6</b>
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

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