DIN EN 17272:2020-06 (E)

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Deter mination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Requirements 7
4.1 Efficacy tests 7
4.2 Distribution tests 8

5 Test method 8
5.1 Principle 8
5.2 Materials and reagents 9
5.3 Apparatus and glassware 15
5.4 Preparation and counting of test suspensions 18
5.5 Procedure for evaluating the automated airborne disinfection process activity 29
5.6 Experimental data and calculations (bacteria, yeasts, fungal spores, bacterial spores, bacteriophages and mycobacteria) 40
5.7 Interpretation of results 44
5.8 Test report 45

Annex A (normative) Summary of test requirements 49

Annex B (normative) Distance between diffusion device and test-carriers 52

Annex C (normative) Interfering substance 53

Annex D (normative) Preparation of spore stock suspensions of Bacillus subtilis 56

Annex E (normative) Graphical representation of the test procedure 58

Bibliography 64