

DIN EN 17272:2020-06 (E)

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination 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 <i>Bacillus subtilis</i>	56
Annex E (normative) Graphical representation of the test procedure	58
Bibliography	64