

DIN EN 13697:2019-10 (E)

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements without mechanical action (phase 2, step 2) (includes Amendment :2019)

Contents	Page
European foreword	3
Introduction	5
1 Scope	6
2 Normative references	7
3 Terms and definitions	8
4 Requirements	8
5 Test methods	9
5.1 Principle	9
5.2 Materials and reagents	10
5.2.1 Test organisms	10
5.2.2 Culture media and reagents	10
5.2.3 Test surface	13
5.3 Apparatus and glassware	14
5.4 Preparation of test organism suspensions and product test solutions	15
5.4.1 Test organism suspensions	15
5.4.2 Product test solutions	19
5.5 Procedure	19
5.5.1 Choice of experimental conditions	19
5.5.2 Test procedure	20
5.5.3 Counting of the test mixtures	24
5.6 Calculation and expression of results	25
5.6.1 Elaboration of data: counting of weighed average values	25
5.6.2 Verification of methodology	26
5.6.3 Expression of results	27
5.6.4 Conclusion	27
5.7 Test report	28
Annex A (informative) Corresponding referenced strains	30
Annex B (informative) Neutralizers	32
Annex C (informative) Expression of results with the dilution-neutralization method	34
Annex D (informative) Bactericidal activity in surfaces in general use conditions (for clean conditions)	36
Annex E (informative) Precision of the test result	38
Bibliography	39