

Chemical disinfectants and antiseptics - Basic sporicidal activity - Test method and requirements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 14347:2005 sisaldab Euroopa standardi EN 14347:2005 ingliskeelset teksti.	This Estonian standard EVS-EN 14347:2005 consists of the English text of the European standard EN 14347:2005.
Käesolev dokument on jõustatud 30.05.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 30.05.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

Käsitlusala: This document specifies a test method (phase 1) and the minimum requirements for sporicidal activity of chemical disinfectant or antiseptic products that form a homogeneous, physically stable preparation when diluted with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms.	Scope: This document specifies a test method (phase 1) and the minimum requirements for sporicidal activity of chemical disinfectant or antiseptic products that form a homogeneous, physically stable preparation when diluted with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms.
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ICS 11.080.20, 71.100.35

Võtmesõnad: definitions, disinfectant tests, disinfectants, disinfection, disinfections, domestic, effects, efficiency, human medicine, hygiene, medical sciences, medicine, specification (approval), specifications, spores, testing, veterinary medicine, veterinary science

ICS 11.080.20; 71.100.35

English version

**Chemical disinfectants and antiseptics - Basic sporicidal activity
- Test method and requirements (phase 1, step 1)**

Désinfectants chimiques - Activité sporicide de base -
Méthode d'essai et exigences

Chemische Desinfektionsmittel und Antiseptika - Sporizide
Wirkung (Basistest) - Prüfverfahren und Anforderungen
(Phase 1, Stufe 1)

This European Standard was approved by CEN on 8 December 2004.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 14347:2005) has been prepared by Technical Committee CEN/TC 216 "Chemical disinfectants and antiseptics", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2005, and conflicting national standards shall be withdrawn at the latest by September 2005.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Introduction

This document describes a suspension test for establishing whether a chemical disinfectant or antiseptic has or does not have a sporicidal activity in the areas described in the scope.

If a product complies with the test requirements, it can be considered as possessing a sporicidal activity. The acceptability of a product as a chemical disinfectant or antiseptic for a defined purpose cannot be determined from this test method. Chemical disinfectants or antiseptics are subjected to further testing by relevant tests according to European Standards to evaluate their activity under conditions appropriate to their intended use.

There is no evidence that the strains used in this document are virulent.

1 Scope

This document specifies a test method (phase 1) and the minimum requirements for sporicidal activity of chemical disinfectant or antiseptic products that form a homogeneous, physically stable preparation when diluted with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms.

This document applies to products that are used in agricultural (but not crop protection), domestic service, food hygiene and other industrial fields, institutional, medical and veterinary applications.

NOTE 1 This method cannot be applied for testing sporicidal activity of a product against spores of *Clostridium* sp.

NOTE 2 This document does not evaluate the activity of a product for an intended use. More specific test methods described in European Standards (see Introduction) are used for further assessment of the efficacy of chemical disinfectants and antiseptics for a defined purpose.

NOTE 3 This method corresponds to a phase 1 test (Annex E).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12353, *Chemical disinfectants and antiseptics – Preservation of microbial strains used for the determination of bactericidal and fungicidal activity*

EN 14079, *Non-active medical devices – Performance requirements and test methods for absorbent cotton gauze and absorbent cotton and viscose gauze*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

product (for chemical disinfectants and/or antiseptics)

chemical agent or formulation used as chemical disinfectant or antiseptic

3.2

sporicide

product which kills dormant bacterial spores of relevant test organisms under defined conditions

NOTE The adjective derived from "sporicide" is "sporicidal"

3.3

sporicidal activity

capability of a product to produce a reduction in the number of viable bacterial spores of relevant test organisms under defined conditions

3.4

sporistatic activity

capability of a product to inhibit the germination of dormant bacterial spores under defined conditions