

Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)

EESTI STANDARDI EESSÕNA

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English Version

**Chemical disinfectants and antiseptics - Quantitative surface test
for the evaluation of fungicidal or yeasticidal activity of chemical
disinfectants and antiseptics used in the veterinary area on non-
porous surfaces without mechanical action - Test method and
requirements (phase 2, step 2)**

Antiseptiques et désinfectants chimiques - Essai quantitatif
de surface pour l'évaluation de l'activité fongicide ou
levuricide des antiseptiques et des désinfectants chimiques
utilisés dans le domaine vétérinaire sur des surfaces non
poreuses sans action mécanique - Méthode d'essai et
prescriptions (phase 2, étape 2)

Chemische Desinfektionsmittel und Antiseptika -
Quantitativer Oberflächenversuch zur Bestimmung der
fungiziden oder levuroziden Wirkung chemischer
Desinfektionsmittel und Antiseptika für den Veterinärbereich
auf nicht-porösen Oberflächen ohne mechanische Wirkung
- Prüfverfahren und Anforderungen (Phase 2, Stufe 2)

This European Standard was approved by CEN on 30 November 2013.

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 16438:2014) 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of an identical text or by endorsement, at the latest by August 2014 and conflicting national standards shall be withdrawn at the latest by August 2014.

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Introduction

This European Standard specifies a surface test for establishing whether a chemical disinfectant or antiseptic has or does not have fungicidal or yeasticidal activity in the fields described in the scope.

This laboratory test takes into account practical conditions of application of the product including contact time, temperature, test organisms and interfering substances, i.e. conditions which may influence its action in practical situations.

The conditions are intended to cover general purposes and to allow reference between laboratories and product types. Each utilisation concentration of the chemical disinfectant or antiseptic, found by this test corresponds to the chosen experimental conditions. However, for some applications the instructions of use of a product may differ and therefore additional test conditions need to be used.

1 Scope

This European Standard specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation in hard water or – in the case of ready-to-use products– with water.

This European Standard applies to products for use in the veterinary area i.e. in the breeding, husbandry, production, transport and disposal of all animals except when in the food chain following death and entry to the processing industry.

EN 14885 specifies in detail the relationship of the various tests to one another and to “use recommendations”.

NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used.

NOTE 2 This method corresponds to a Phase 2 Step 2 test.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity*

EN 14885, *Chemical disinfectants and antiseptics - Application of European Standards for chemical disinfectants and antiseptics*

ISO 4793, *Laboratory sintered (fritted) filters — Porosity grading, classification and designation*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14885 apply.

4 Requirements

The product shall demonstrate at least a 3 decimal log (lg) reduction from a water control, when tested in accordance with Table 1 and Clause 5 under simulated low level (3,0 g/l bovine albumin) or high level soiling (10 g/l yeast extract and 10 g/l bovine albumin) on a surface.