

Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of test disinfectants used in the veterinary area - Test method and requirements (phase 2 step 2)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 17422:2022 sisaldab Euroopa standardi EN 17422:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 17422:2022 consists of the English text of the European standard EN 17422:2022.
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English Version

Chemical disinfectants and antiseptics - Quantitative
surface test for the evaluation of teat disinfectants used in
the veterinary area - Test method and requirements
(phase 2 step 2)

Antiseptiques et désinfectants chimiques - Essai
quantitatif de surface pour l'évaluation des
désinfectants de trayons utilisés dans le domaine
vétérinaire - Méthode d'essai et prescriptions (phase 2,
étape 2)

Chemische Desinfektionsmittel und Antiseptika -
Quantitativer Oberflächenversuch zur Beurteilung von
Zitzendesinfektionsmittel für den Veterinärbereich -
Prüfverfahren und Anforderungen (Phase 2, Stufe 2)

This European Standard was approved by CEN on 8 May 2022.

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European foreword

This document (EN 17422:2022) 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of an identical text or by endorsement, at the latest by December 2022, and conflicting national standards shall be withdrawn at the latest by December 2022.

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Introduction

This document specifies a surface test for establishing whether a teat disinfectant, for use on teat skin without mechanical action, in the veterinary area, has or does not have bactericidal activity under the laboratory conditions defined by this document, which influence the action of disinfectants in practical use.

The laboratory test takes into account practical conditions of application of the product including applying test organisms and interfering substances on a synthetic skin test surface, contact time and temperature, i.e. conditions that may influence its action in practical situations.

In this document, synthetic human skin is used as the test surface.

1 Scope

This document specifies a test method and the minimum requirements for bactericidal activity of teat disinfectants that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water.

This method applies to teat disinfectants that are used on teat skin without mechanical action as pre-milking and/or post-milking teat disinfectants in the veterinary area - i.e. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry into processing industry.

NOTE 1 The method described is intended to determine the activity of commercial formulations 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 are referred to in the text in such a way that some or all of their content constitutes requirements 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 1656, *Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area — Test method and requirements (phase 2, step 1)*

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*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp/requirements>

4 Requirements

The product shall demonstrate at least a 4 decimal log (lg) (post-milking disinfectant) or 3 decimal log (lg) (pre-milking disinfectant) reduction from a water control, when tested in accordance with Table 1 and Clause 5 under simulated soiling (10,0 g / l milk powder for post-milking teat disinfectants, 3,0 g / l bovine albumin for pre-milking teat disinfectants).