

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements - Phase2, step2

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 17122:2019+A1:2024 sisaldab Euroopa standardi EN 17122:2019+A1:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.12.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 17122:2019+A1:2024 consists of the English text of the European standard EN 17122:2019+A1:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 18.12.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements - Phase 2, step 2

Antiseptiques et désinfectants chimiques - Essai quantitatif de surfaces non poreuses pour l'évaluation de l'activité virucide des désinfectants et antiseptiques chimiques utilisés dans le domaine vétérinaire - Méthode d'essai et prescriptions - Phase 2,

Chemische Desinfektionsmittel und Antiseptika - Quantitativer Oberflächenversuch zur Bestimmung der viruziden Wirkung chemischer Desinfektionsmittel und Antiseptika für den Veterinärbereich auf nicht-porösen Oberflächen - Prüfverfahren und Anforderungen - Phase 2, Stufe 2

This European Standard was approved by CEN on 23 September 2019 and includes Amendment 1 approved by CEN on 25 November 2024.

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Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements for virucidal activity on surfaces	6
5 Test method	7
5.1 Principle	7
5.2 Materials and reagents, including cell cultures	7
5.3 Apparatus and glassware	10
5.4 Preparation of test organism suspensions and product test solutions	12
5.5 Procedure for assessing the virucidal activity of the product	13
5.6 Experimental data and calculation	17
5.7 Verification of the methodology	17
5.8 Expression of results	18
5.9 Test report	18
Annex A (informative) Referenced strains of national collections	20
Annex B (informative) \square_{A1} Detoxification of test mixtures \square_{A1}	21
Annex C (informative) Calculation of virus infectivity titre	26
Annex D (informative) Example of a typical test report	33
Annex E (informative) \square_{A1} Virucidal activity and activity against enveloped viruses \square_{A1}	35
Bibliography	36

European foreword

This document (EN 17122:2019+A1:2024) 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 June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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

This document includes Amendment 1 approved by CEN on 25 November 2024.

This document supersedes ^{A1} EN 17122:2019 ^{A1}.

The start and finish of text introduced or altered by amendment is indicated in the text by tags ^{A1} ^{A1}.

^{A1} This document has been amended to harmonise the terminology and methods with those adopted recently for other similar European standards and to make minor editorial changes to improve clarity. A minor technical error has also been corrected. The changes detailed above have no impact on the test results obtained using the previous version. Those results are still valid. ^{A1}

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Introduction

This document describes a surface test method for establishing whether a product proposed as a disinfectant in the fields described in Clause 1 has or does not have virucidal activity on non-porous surfaces.

The laboratory test closely simulates practical conditions of application. Chosen conditions (contact time, temperature, organisms on surfaces etc.) reflect parameters which are found in practical situations including conditions which may influence the action of disinfectants. Each use concentration found from this test corresponds to defined experimental conditions.

The conditions are intended to cover general purposes and to allow reference between laboratories and product types. Each utilization concentration of the chemical disinfectant found by this test corresponds to defined experimental conditions.

However, for special applications the recommendations for use of a product can differ and therefore additional test conditions might be needed, which cannot be covered by this document.

1 Scope

This document specifies a test method and the minimum requirements for virucidal activity of chemical 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 document applies to products that are used for disinfecting without mechanical action non-porous surfaces 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 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.

NOTE 3 Using this document, it is possible to determine the virucidal activity of the undiluted product.

NOTE 4 This document uses Porcine Parvovirus because Bovine Enterovirus E (former Bovine Enterovirus Type 1 (ECBO)) virus used in the suspension test EN 14675 cannot be used for surface testing because of its loss of titre during drying. Porcine Parvovirus has comparable resistance to ECBO virus.

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 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 14675, *Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (Phase 2, step 1)*

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

EN 10088-1, *Stainless steels — Part 1: List of stainless steels*

EN 10088-2, *Stainless steels — Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14675 and 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 <https://www.iso.org/obp>