

ISO 21326:2019 (E)

Textiles — Test methods for determining the efficiency of products against house dust mite

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
4.1	Repelling method by using Petri-dish
4.2	Repelling method by using glass tube, Method A and Method B
4.3	Proliferation method by using Petri-dish Method A and using vial Method B
4.4	Penetration method
5	Preparation of test
5.1	Reagents
5.2	Apparatus
6	Reference sample
7	Preparation of mite medium
8	Test conditions
8.1	Condition for work area
8.2	Testing conditions
9	Test methods
9.1	Repelling method by using Petri dish
9.2	Repelling method by using glass tube
9.3	Proliferation method by using Petri dish (Method A) and using vial (Method B)
9.4	Penetration method
10	Test report
10.1	Overview
10.2	General
10.3	Repelling methods
10.4	Proliferation methods
10.5	Penetration method
Annex A	(normative) Preparation of mite medium
A.1	Species of mites
A.2	Colonization procedure
A.2.1	Apparatus
A.2.2	Preparation of culture medium
A.2.3	Bleeding method
Annex B	(normative) Counting methods for live mites
B.1	General
B.2	Methods for counting
B.2.1	Floatation method
B.2.2	Whole counting method

- B.2.3 Wet sieving method
- B.2.4 Heat escape method

Annex C (normative) Repelling method by using Petri dish

- C.1 General
- C.2 Apparatus
- C.3 Specimen
- C.4 Test procedure
- C.5 Counting method
- C.6 Test result
- C.6.1 Judgement of test effectiveness
- C.6.2 Calculation of rate of repellency

Annex D (normative) Repelling method by using glass tube

- D.1 General
- D.2 Apparatus
- D.2.1 Testing apparatus assembly for the glass tube Method A
- D.2.2 Testing apparatus assembly for glass tube Method B
- D.3 Specimen
- D.4 Preparation
- D.4.1 Glass tube Method A
- D.4.2 Glass tube Method B
- D.5 Test procedure
- D.6 Counting method
- D.7 Test result

Annex E (normative) Proliferation method

- E.1 General
- E.2 Testing apparatus assembly
- E.2.1 Petri dish Method A
- E.2.2 Method B
- E.3 Specimen
- E.3.1 Method A
- E.3.2 Method B
- E.4 Preparation
- E.4.1 Method A
- E.4.2 Method B
- E.5 Testing procedure
- E.6 Counting method
- E.7 Test result
- E.7.1 Judgement of test effectiveness
- E.7.2 Calculation of rate of suppression of house dust mite reproduction

Annex F (normative) Penetration method

- F.1 General
- F.2 Apparatus
- F.3 Specimen
- F.4 Preparation
- F.5 Testing procedure
- F.6 Counting procedure
- F.7 Test result
- F.7.1 Judgement of test effectiveness
- F.7.2 Description of result