



**International
Standard**

ISO 21701

**Textiles — Test method for
accelerated hydrolysis of textile
materials and biodegradation under
controlled composting conditions of
the resulting hydrolysate**

*Textiles — Méthode d'essai pour hydrolyse accélérée des matières
textiles et la biodégradation dans des conditions de compostage
contrôlées de l'hydrolysat résultant*

**Second edition
2025-10**

ISO 21701:2025

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*.

This second edition cancels and replaces the first edition (ISO 21701:2019), which has been technically revised.

The main changes are as follows:

- in the Introduction, non-dispersive infrared has been added;
- in [Clause 1](#), non-dispersive infrared has been added;
- in [Clause 2](#), ISO 3071 has been added;
- in [Clause 4](#), non-dispersive infrared has been added;
- in [Clause 6](#), [6.7](#) Non-dispersive infrared (NDIR) has been added;
- in [Clause 6](#), [6.9](#) pH-meter has been specified by ISO 3071;
- in [Clause 7](#), [7.6](#) Non-dispersive infrared (NDIR) has been added;
- in [Clause 8](#), [8.1](#) Amount of carbon dioxide in grams by gas chromatography has been modified;
- in [Clause 8](#), [8.2](#) Amount of carbon dioxide in grams by non-dispersive infrared has been added;
- in [Clause 9](#), d) the average flow rate and interval of sampling by non-dispersive infrared, f) date of test, and g) any unusual features observed have been added;
- in [Annex A](#), [A.3](#), Non-dispersive infrared for thermal desorption has been added;
- in [Annex A](#), [A.4](#), Example of the analysis condition of gas cell has been added.

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