
**Tobacco and tobacco products —
Determination of water content —
Karl Fischer method**

*Tabac et produits du tabac — Détermination de la teneur en eau —
Méthode de Karl Fischer*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 126, *Tobacco and tobacco products*.

This third edition cancels and replaces the second edition (ISO 6488:2004), which has been technically revised. It also incorporates the Technical Corrigendum ISO 6488:2004/Cor 1:2008.

The main changes compared to the previous edition are as follows:

- the term high-moisture tobacco has been deleted;
- further information on interlaboratory testing including additional sample types and corresponding statistical data have been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This corrected version of ISO 6488:2021 incorporates the following correction:

- a warning for the safe handling of methanol has been added in [5.2](#).

Introduction

This document specifies a Karl Fischer method for the determination of the water content of tobacco and tobacco products. Independent collaborative studies were conducted in 2002, 2009, and 2018. This method is applicable to ground tobacco, a range of smokeless tobacco products, cigarette filler and ground cigars.

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