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## Sensory analysis — General guidance for the design of test rooms

*Analyse sensorielle — Directives générales pour la conception de  
locaux destinés à l'analyse*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 8589 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 12, *Sensory analysis*.

This second edition cancels and replaces the first edition (ISO 8589:1988), which has been technically revised.

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# Sensory analysis — General guidance for the design of test rooms

## 1 Scope

This International Standard provides general guidance for the design of test rooms intended for the sensory analysis of products.

It describes the requirements to set up a test room comprising a testing area, a preparation area, and an office, specifying those that are essential or those that are merely desirable.

This International Standard is not specific for any product or test type.

**NOTE** The test space can be similar for food and non-food products that are evaluated using sensory methods. However, the test rooms might need to be adapted for each specialized use. Modifications to the design are often needed for specific products and for specific types of testing. This is particularly true if the test rooms are to be used for the evaluation of non-food products.

Although many of the general principles are similar, this International Standard does not address test facilities for the specialized examination of products in inspection or in-plant quality-control applications.

## 2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 5492, *Sensory analysis — Vocabulary*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5492 apply.

## 4 Principle

The test rooms are designed

- to conduct sensory evaluations under known and controlled conditions with a minimum of distractions, and
- to reduce the effects that psychological factors and physical conditions can have on human judgement.