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**Sensory analysis — General guidance  
for the application of sensory analysis  
in quality control**

*Analyse sensorielle — Lignes directrices générales pour l'application  
de l'analyse sensorielle en contrôle qualité*



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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](http://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](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://www.iso.org/iso/foreword.html).

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

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](http://www.iso.org/members.html).

# Sensory analysis — General guidance for the application of sensory analysis in quality control

## 1 Scope

This document gives guidelines for the implementation of a sensory analysis programme in quality control (QC), including general elements and procedures.

It is applicable to food and non-food industries.

It is limited to in-plant sensory analysis in QC.

## 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.

ISO 5492, *Sensory analysis — Vocabulary*

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

### 3.1

#### **quality**

degree to which a set of inherent characteristics of an object fulfils requirements

Note 1 to entry: The definition of quality in this context includes consumer input.

Note 2 to entry: Quality has a multidimensional nature. The critical quality dimensions or inherent quality characteristics of the product should be determined.

Note 3 to entry: Satisfaction in this context includes consistent conformance to stated or implied needs. The product's degree of conformance and its reliability should be taken into consideration.

[SOURCE: ISO 9000:2015, 3.6.2, modified — The notes to entry have been replaced.]

### 3.2

#### **quality control**

#### **QC**

part of *quality* (3.1) management focused on fulfilling quality requirements

Note 1 to entry: QC is a procedure or set of procedures intended to ensure that a manufactured product adheres to a defined set of quality criteria or meets the requirements of the customer.

[SOURCE: ISO 9000:2015, 3.3.7, modified — Note 1 to entry has been added.]