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Sensory analysis — Methodology — General guidance

Analyse sensorielle — Méthodologie — Lignes directrices générales



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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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 6658 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 6658:1985), which has been technically revised.

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Introduction

This International Standard constitutes a general introduction to the methodology of sensory analysis and should be read before undertaking the more detailed test procedures described in other International Standards. It covers the general area of methodology and is intended to fulfil the following functions:

- a) to provide a brief background of the essential features of methods of sensory analysis for the user of specific tests;
- b) to provide details of general requirements, procedures and interpretation of results common to all or most tests;
- c) to provide sufficient guidance on requirements, procedures and interpretation of results for the different specific tests to allow choice of the most appropriate procedure(s) for solution of a particular problem.

It comprises three main aspects, covered in Clauses 4, 5 and 6.

It is essential that Clause 4 "General requirements" be read first. Clause 5 "Methods of test" describes, in a general manner, all the main tests, under five headings:

- Definition;
- Application;
- Assessors;
- Procedure;
- Analysis of results.

Clause 6 is concerned with some general principles of data collection and analysis of sensory data and also briefly covers general principles of statistical treatment of the results.