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Second edition
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Sensory analysis — Selection and training of sensory assessors

Analyse sensorielle — Sélection et entraînement des sujets sensoriels



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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).

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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 34, *Food products*, Subcommittee SC 12, *Sensory analysis*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS C01, *Food Products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 8586:2012), which has been technically revised.

The main changes are as follows:

- the Title has been changed to “Sensory analysis — Selection and training of sensory assessors” (the monitoring was removed as redundant with ISO 11132);
- some text from the Introduction has been moved into [Clause 4](#);
- the Scope has been modified;
- a definition for the term “homogeneous” has been added in [Clause 3](#);
- the process steps and roles of assessors have been clarified and the corresponding [Figure 1](#) revised;
- [Table 4](#) has been added with references to other International Standards;
- the tables and exercises for screening and training have been revised and modified;
- in [Tables 3, 5, 9](#) and [11](#), examples for home and personal care products have been added;
- new annexes have been added with examples of screening and training activities;
- the concept of expert sensory assessors has been included in [8.5](#);
- [Clause 2](#) and the Bibliography have been updated.

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Introduction

Sensory analysis is a science that is involved with the assessment of the organoleptic attributes of a product by the senses. As such, sensory analysis uses sensory assessors as evaluators of products. This document describes the recruitment, screening and training protocol for sensory assessors.

A sensory analysis sensory panel constitutes a true “measuring instrument”, and consequently the results of the analysis depend on its members.

The recruitment of persons willing to participate in a sensory panel therefore needs to be carried out with care and to be considered as a real investment, both in time and money.