
**Sensory analysis — Methodology —
Guidelines for the measurement of
the performance of a quantitative
descriptive sensory panel**

*Analyse sensorielle — Méthodologie — Lignes directrices pour le
mesurage de la performance d'un jury descriptif quantitatif*

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Foreword

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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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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 11132:2012), which has been technically revised. The main changes compared with the previous edition are as follows:

- the title has been changed to specify that the document is applicable to descriptive sensory panels;
- the Scope has been revised:
 - in order to provide a distinction of application for validation and monitoring, with improved wording to clarify;
 - it has been reduced to measure repeatability only, and reproducibility has been stated to be out of scope;
 - the type of quantitative descriptive sensory panels for which the document is applicable to has been specified;
- the definitions have been revised and new terminological entries have been added;
- the process for the dedicated procedure has been improved;
- experimental designs have been reviewed and augmented;
- statistical analyses related to analysis of variance have been reviewed and augmented to include more models, especially regarding sessions and panellists (fixed or random) effects and interactions;
- the subclauses (specifically the original 6.4.4 and 7.4) and Annexes B and C related to reproducibility have been removed to align with the changes to the Scope.

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