

BUREAU OF INDIAN STANDARD
DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा
अनाज एवं अनाज उत्पाद – साधारण गेहूं (ट्रिटिकम एस्टिवम एल.) –
वाणिज्यिक अथवा परीक्षण आटे के निरंतर जलयोजन पर एल्वोग्राफ गुणों का निर्धारण एवं परीक्षण
मिलिंग पद्धति

Draft Indian Standard
Cereals and Cereal Products –
Common Wheat (*Triticum aestivum* L.) – Determination of Alveograph Properties of
Dough at Constant Hydration from Commercial or Test Flours and Test Milling
Methodology

(Adoption of ISO 27971: 2023)

ICS 67.060

Ready-to-eat Foods and Specialized Products
Sectional Committee, FAD 24

Last Date of Comments -
25 May 2024

NATIONAL FOREWORD

(Adoption clause will be added later)

This Indian Standard is identical with ISO 27971: 2023 ‘Cereals and cereal products — Common wheat (*Triticum aestivum* L.) — Determination of Alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology’ issued by the International Organization for Standardization (ISO).

Earlier, an Indian Standard, IS 12516 (Part 4): 1996 ‘Method for determination of physical characteristics of doughs made from wheat flour: Part 4 Rheological properties using an alveograph (*first revision*)’ was identical adoption of ISO 5530-4: 1991, covered the test method for determination of rheological properties of dough made from wheat flour using an alveograph. Subsequently, ISO 5530-4 was withdrawn and superseded by ISO 27971. Accordingly, with the publication of this standard, IS 12516 (Part 4): 1996 would be withdrawn.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standards for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 835 Laboratory glassware – Graduated pipettes	IS/ISO 835 : 2007 Laboratory glassware - Graduated pipettes	Identical
ISO 712 Cereals and cereal products – Determination of moisture content – Reference method	IS 4333 (Part 2) : 2017/ISO 712 : 2009 Methods of analysis for foodgrains: Part 2 Determination of moisture content (<i>second revision</i>)	Identical
ISO 1042 Laboratory glassware – One-mark volumetric flasks	IS 915 : 2012/ISO 1042 : 1998 Laboratory glassware - One - Mark volumetric flasks (<i>third revision</i>)	Identical

The concerned sectional committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
EN 15948: 2020	Cereals — Determination of moisture and protein — Method using Near-Infrared-Spectroscopy in whole kernels

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 27971: 2023'

NOTE – The technical content of the document has not been enclosed as these are identical with the corresponding ISO Standard. For obtaining the hard copy of the complete ISO Standard, please contact:

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