

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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**भारतीय मानक मसौदा**

**खाद्य उत्पाद – इमाज़ सिद्धांत के अनुसार दहन द्वारा कुल नाइट्रोजन की मात्रा का निर्धारण और कच्चे प्रोटीन की मात्रा की गणना – तिलहन और पशु आहार सामग्री**

*Draft Indian Standard*

**FOOD PRODUCTS — DETERMINATION OF THE TOTAL NITROGEN CONTENT BY COMBUSTION ACCORDING TO THE DUMAS PRINCIPLE AND CALCULATION OF THE CRUDE PROTEIN CONTENT —  
PART 1 : OILSEEDS AND ANIMAL FEEDING STUFFS  
(Adoption of ISO 16634-1 : 2008)**

**ICS 65.120; 67.050; 67.200.20**

Oils and Oilseeds Sectional Committee, FAD 13

Last Date of Comments  
**18 November 2023**

**NATIONAL FOREWORD**

*(Adoption clause would be added later)*

This Indian standard is identical with ISO 16634-1 : 2008 ‘Food products — Determination of the total nitrogen content by combustion according to the Dumas principle and calculation of the crude protein content — Part 1 Oilseeds and animal feeding stuffs’ issued by the International Organization for Standardization (ISO).

ISO 16634 -1 is published in two parts under the general title ‘Food products — Determination of the total nitrogen content by combustion according to the Dumas principle and calculation of the crude protein content’. ISO 16634-2 : 2016 specifies a method for the determination of the total nitrogen content and the calculation of the crude protein content of cereals, pulses and milled cereal products and has been identically adopted as Indian Standard under single numbering system (IS/ISO 16634-2 : 2016).

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 Standard 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 6496 Animal feeding stuffs — Determination of moisture and other volatile matter content	IS/ISO 6496 : 1999 Animal feeding stuffs — Determination of moisture and other volatile matter content	Identical
ISO 6498 Animal feeding stuffs — Preparation of test samples	IS 14831 : 2021/ISO 6498 : 2012 Animal feeding stuffs — Guidelines for sample preparation ( <i>first revision</i> )	Identical

The Technical Committee has reviewed the provisions of the following International Standards referred in the adopted standard and has decided that they are acceptable for use in conjunction with these standards:

<i>International Standard</i>	<i>Title</i>
ISO 664	Oilseeds — Reduction of laboratory sample to test sample
ISO 665	Oilseeds — Determination of moisture and volatile matter content
ISO 771	Oilseed residues — Determination of moisture and volatile matter content

In reporting the results 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*)’.

‘FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 16634-1 : 2008.

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

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