

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

---

*Draft Indian Standard*

**Tobacco and tobacco products — Determination of ammonia — Method using ion chromatographic analysis  
(Adoption of ISO 21045:2018)  
ICS 65.160**

---

Tobacco and Tobacco Products Sectional  
Committee, FAD 04

Last Date of Comments  
**18/07/2023**

---

NATIONAL FOREWORD

*(Adoption clause would be added later)*

This Indian standard is identical with ISO 21045:2018 ‘Tobacco and tobacco products — Determination of ammonia — Method using ion chromatographic analysis’ issued by the International Organization for Standardization (ISO).

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 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 21045:2018.

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:

Scientist-E/Director & Head  
Food and Agriculture Department  
Bureau of Indian Standards  
Manak Bhavan, 9 Bahadur Shah Zafar Marg,  
New Delhi – 110 002  
Telefax: 011 23231128  
Email: [fad@bis.org.in](mailto:fad@bis.org.in)