

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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भारतीय मानक मसौदा  
दंत चिकित्सा - मैनुअल टूथब्रश - विक्षेपण के लिए गुच्छेदार भाग का  
प्रतिरोध

*Draft Indian Standard*

**Dentistry — Manual Toothbrushes — Resistance of Tufted  
Portion to Deflection**

**ICS 97.170**

Dentistry Sectional Committee, MHD 08

Last date for comments: 05 April 2024

**NATIONAL FOREWORD**

*(Adoption clause will be added later)*

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:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- 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 certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1942 (all parts), Dentistry — Vocabulary	IS 17895: 2023/ISO 1942: 2020, Dentistry Vocabulary	Identical
ISO 3696:1987, Water for analytical laboratory use — Specification and test methods	IS 1070 : 2023 Reagent grade water - Specification ( <i>Fourth Revision</i> )	Modified

This Standard refers to ISO 1942 (all parts) which ISO has merged already in a single Standard i.e. ISO 1942.

In reporting the result of a test or analysis made in accordance with this standard, is to be rounded off, it shall be done in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'.

## **Scope**

This International Standard specifies a test method for determining the resistance of the tufted portion of manual toothbrushes to deflection. This International Standard is applicable to toothbrushes having a conventional, flat trim design and may not be applicable to toothbrushes with other designs. The results obtained with this International Standard may not correspond to consumer perceptions of the stiffness of toothbrush filaments.

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The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer to ISO 22254:2005 or kindly contact:

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