

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

PLASTICS LABORATORY WARE — BEAKERS
(First Revision)

भारतीय मानक मसौदा

प्रयोगशाला के लिए प्लास्टिक का सामान — बीकर

(पहला पुनरीक्षण)

ICS 17.060

Glass, Glassware and Laboratoryware Sectional Committee, CHD 10

Last date for Comments: 25 March 2023

NATIONAL FOREWORD

(Formal clauses shall be added later)

This standard prescribes requirements and methods of sampling and test for plastics graduated and ungraduated beakers for laboratory use. It is applicable to beakers having a tapered or a non-tapered form. The non-tapered form may, however, have a slight taper to facilitate mould release during manufacture.

The standard was originally published in 1982. While reviewing the standard, it was decided to revise this standard by adopting to ISO 7056: 1981 in order to maintain the uniformity in the product worldwide and also to facilitate the global trade.

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’ appears 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 certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their places, are listed below along with their degree of equivalence for editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60335-1:2020 Household and similar electrical appliances — Safety — Part 1: General requirements.	IS 302 (Part 1) : 2008 Safety of household and similar electrical appliances: Part 1 general requirements (<i>sixth revision</i>)	Modified/Technically Equivalent (IEC 60335_1: 2006)

This standard also makes a reference to the BIS Certification Marking of the product. Details of which is given in National Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off 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.

NATIONAL ANNEX A

(National Foreword)

A-1 BIS Certification Marking

The packages may also be marked with the Standard Mark.

A-1.1 The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which the licence for the use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.