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Laboratory glassware - Beakers (ISO 3819:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/16

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EUROPEAN STANDARD

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English Version

Laboratory glassware - Beakers (ISO 3819:2015)

Verrerie de laboratoire - Béchers (ISO 3819:2015)

Laborgeräte aus Glas - Becher (ISO 3819:2015)

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European foreword

This document (EN ISO 3819:2015) has been prepared by Technical Committee ISO/TC 48 "Laboratory equipment" in collaboration with Technical Committee CEN/TC 332 "Laboratory equipment" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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Endorsement notice

The text of ISO 3819:2015 has been approved by CEN as EN ISO 3819:2015 without any modification.

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**INTERNATIONAL
STANDARD**

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Second edition
2015-12-15

Laboratory glassware — Beakers

Verrerie de laboratoire — Béchiers



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

The committee responsible for this document is ISO/TC 48, *Laboratory equipment* in collaboration with CEN/TC 332, *Laboratory equipment*.

This second edition cancels and replaces the first edition (ISO 3819:1985), which has been technically revised to include the following changes:

- additional series with thick-walled beakers has been added;
- dimensions and tolerances have been adjusted to state of manufacturing;
- beakers with a nominal capacity of 500 ml, 5 000 ml, and 10 000 ml have been added;
- thermal shock resistance has been modified.

Laboratory glassware — Beakers

1 Scope

This International Standard specifies requirements for an internationally acceptable series of glass beakers for laboratory use.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 718, *Laboratory glassware — Thermal shock and thermal shock endurance — Test methods*

ISO 3585, *Borosilicate glass 3.3 — Properties*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN