

**Laboratory glassware - Bottles - Part 1:
Screw- neck bottles**

Laboratory glassware - Bottles - Part 1: Screw- neck
bottles

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 4796-1:2000 sisaldab Euroopa standardi EN ISO 4796-1:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.09.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 4796-1:2000 consists of the English text of the European standard EN ISO 4796-1:2000.</p> <p>This document is endorsed on 12.09.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This standard specifies a series of bottles with screw neck suitable for the storage of fluid liquid and solid chemicals and reagents in general laboratory use.</p>	<p>Scope: This standard specifies a series of bottles with screw neck suitable for the storage of fluid liquid and solid chemicals and reagents in general laboratory use.</p>
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ICS 71.040.20

Võtmesõnad: capacity, designation, dimensions, flasks, laboratory equipment, laboratory glassware, marking, specifications

English version

Laboratory glassware – Bottles

Part 1: Screw-neck bottles

(ISO 4796-1 : 2000)

Verrerie de laboratoire – Flacons –
Partie 1: Flacons à col à vis
(ISO 4796-1 : 2000)

Laborgeräte aus Glas – Flaschen –
Teil 1: Flaschen mit Gewindehals
(ISO 4796-1 : 2000)

This European Standard was approved by CEN on 2000-04-01.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 4796-1 : 2000 Laboratory glassware – Bottles – Part 1: Screw-neck bottles, which was prepared by ISO/TC 48 'Laboratory glassware and related apparatus' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 332 'Laboratory equipment', the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by October 2000 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 4796-1 : 2000 was approved by CEN as a European Standard without any modification.

1 Scope

This part of ISO 4796 specifies a series of screw-neck bottles suitable for the storage of fluid liquid and solid chemicals and reagents in general laboratory use. These bottles are also suitable for the preparation and storage of microbiological growth media.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 4796. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 4796 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3585:1998, *Borosilicate glass 3.3 — Properties*.

3 Capacities

3.1 The nominal capacities of screw-neck bottles shall be chosen from the following series:

25 ml — 50 ml — 100 ml — 250 ml and 500 ml;

1 l — 2 l — 5 l — 10 l — 15 l and 20 l.

3.2 The nominal capacity of a bottle indicates the quantity of liquid which a bottle of average wall thickness shall contain when the bottle is filled to the turn of the shoulder.

3.3 The design of the bottle shall be such that the total capacity to the base of the neck shall be approximately 15 % greater than that to the shoulder.

4 Dimensions

The dimensions and tolerances of screw-neck bottles are given in Figures 1 and 2 and in Table 1.