SLOVENSKI STANDARD
SIST EN ISO 13079:2011

01-oktober-2011

Laboratorijska steklena in plastična posoda - Epruvete in podpora za merjenje stopnje usedanja eritrocitov z Westergrenovo metodo (ISO 13079:2011)

Laboratory glass and plastics ware - Tubes and support for the measurement of erythrocytic sedimentation rate by the Westergren method (ISO 13079:2011)

Laborgeräte aus Glas und Kunststoff - Westergren-Rohre und Ständer für die Erythrozyten-Sedimentationsgeschwindigkeit (ISO 13079:2011)

Matériel de laboratoire en verre et en plastique - Tubes et support pour le mesurage de la vitesse de sédimentation des érythrocytes par la méthode Westergren (ISO 13079:2011)

Ta slovenski standard je istoveten z: **EN ISO 13079:2011**

ICS:

71.040.20	Laboratorijska posoda in aparati	Laboratory ware and related apparatus

SIST EN ISO 13079:2011 **en,fr,de**

EUROPEAN STANDARD

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EN ISO 13079

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English Version

Laboratory glass and plastics ware - Tubes for the measurement of the erythrocyte sedimentation rate by the Westergren method (ISO 13079:2011)

Matériel de laboratoire en verre et en plastique - Tubes pour le mesurage de la vitesse de sédimentation des érythrocytes par la méthode Westergren (ISO 13079:2011)

Laborgeräte aus Glas und Kunststoff - Westergren-Rohre für die Erythrozyten-Sedimentationsgeschwindigkeit (ISO 13079:2011)

This European Standard was approved by CEN on 14 July 2011.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 13079:2011) 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of an identical text or by endorsement, at the latest by January 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

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The text of ISO 13079:2011 has been approved by CEN as a EN ISO 13079:2011 without any modification.

INTERNATIONAL STANDARD

ISO 13079

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Laboratory glass and plastics ware — Tubes for the measurement of the erythrocyte sedimentation rate by the Westergren method

Matériel de laboratoire en verre et en plastique — Tubes pour le mesurage de la vitesse de sédimentation des érythrocytes par la méthode Westergren

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Foreword

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ISO 13079 was prepared by Technical Committee ISO/TC 48, *Laboratory equipment*, Subcommittee SC 6, *Glass and plastics ware including volumetric instruments*.

Laboratory glass and plastics ware — Tubes for the measurement of the erythrocyte sedimentation rate by the Westergren method

1 Scope

This International Standard specifies requirements for single-use and re-usable glass and plastics tubes for measuring the erythrocyte sedimentation rate (ESR) by the Westergren method, and for a support to hold tubes during the performance of the test. These so-called “Westergren tubes” are also sometimes designated as “Westergren pipettes”. A procedure for measuring the erythrocyte sedimentation rate by the Westergren method is given in informative Annex D.

This International Standard does not apply to single-use containers for human venous blood specimen collection and their accessories for which other standards apply. It also does not apply for devices where the Westergren method has been used as basis to develop other, similar methods or equipment for the erythrocyte sedimentation rate determination.

2 Normative references

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

ISO 719, *Glass — Hydrolytic resistance of glass grains at 98 °C — Method of test and classification*

3 Material

3.1 General

3.1.1 Westergren tubes shall be made from rigid, transparent plastics or from glass of Class HGB 1, HGB 2 or HGB 3 in accordance with ISO 719 so that:

a) the rigidity, when tested according to Annex A, shall be such that the distortion does not exceed 1 mm for re-usable Westergren tubes and 1,5 mm for single-use Westergren tubes;

b) the transparency shall be sufficient to permit the top of the column of blood and the top of the red cell layer to be seen clearly in relation to the scale.

3.1.2 Westergren tubes shall be free from defects which impair observation of the top of the column of blood and of the top of the red cell layer.

3.2 Glass

The manufacturer of the glass tubes should ensure that the glass tubes are as free as possible from visible defects and reasonably free from internal stress.

