

Animal and vegetable fats and oils - Determination of conventional mass per volume (litre weight in air) (ISO 6883:2007)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 6883:2014 sisaldab Euroopa standardi EN ISO 6883:2014 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 6883:2014 consists of the English text of the European standard EN ISO 6883:2014.
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English Version

Animal and vegetable fats and oils - Determination of conventional mass per volume (litre weight in air) (ISO 6883:2007)

Corps gras d'origines animale et végétale - Détermination de la masse volumique conventionnelle (poids du litre dans l'air) (ISO 6883:2007)

Tierische und pflanzliche Fette und Öle - Bestimmung der konventionellen volumenbezogenen Masse (Litergewicht in Luft) (ISO 6883:2007)

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Foreword

The text of ISO 6883:2007 has been prepared by Technical Committee ISO/TC 34 "Food products" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6883:2014 by Technical Committee CEN/TC 307 "Oilseeds, vegetable and animal fats and oils and their by-products - Methods of sampling and analysis" the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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Endorsement notice

The text of ISO 6883:2007 has been approved by CEN as EN ISO 6883:2014 without any modification.

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Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)

1 Scope

This International Standard specifies a method for the determination of the conventional mass per volume ("litre weight in air") of animal and vegetable fats and oils (hereinafter referred to as fats) in order to convert volume to mass or mass to volume.

The procedure is applicable only to fats in a liquid state.

The temperature of determination applied for any fat should be such that the fat does not deposit crystals at that temperature.

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 661, *Animal and vegetable fats and oils — Preparation of test sample*

ISO 3507, *Laboratory glassware — Pyknometers*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

conventional mass per volume

litre weight in air

quotient of the mass in air of fat to its volume at a given temperature

NOTE It is expressed in kilograms per litre (numerically equal to grams per millilitre).

4 Principle

The mass of a volume of liquid fat in a calibrated pyknometer is measured at a specified temperature.

5 Apparatus

Usual laboratory apparatus and, in particular, the following.

5.1 Water bath, capable of being maintained to within 0,1 °C of the temperatures chosen for the calibration and determination.