

**Milk-based edible ices and ice mixes -
Determination of fat content - Gravimetric
method (Reference method)**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 7328:2000 sisaldab Euroopa standardi EN ISO 7328:1999 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 7328:2000 consists of the English text of the European standard EN ISO 7328:1999.</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:</p> <p>This standard specifies the reference method for the determination of fat content of most milk-based edible ices and ice mixes. The method is also applicable to concentrated and dried ice mixes.</p>	<p>Scope:</p> <p>This standard specifies the reference method for the determination of fat content of most milk-based edible ices and ice mixes. The method is also applicable to concentrated and dried ice mixes.</p>
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ICS 67.100.40

Võtmesõnad: agricultural products, chemical analysis, dairy products, determination of content, fats, food products, gravimetric analysis, ice cream, prepared food, reference methods

English version

Milk-based edible ices and ice mixes

Determination of fat content – Gravimetric method (Reference method)
(ISO 7328 : 1999)

Glaces de consommation et préparations pour glaces à base de lait – Détermination de la teneur en matière grasse – Méthode gravimétrique (Méthode de référence)
(ISO 7328 : 1999)

Speiseeis und Eis-Mischungen auf Milchbasis – Bestimmung des Fettgehaltes – Gravimetrisches Verfahren (Referenzverfahren) (ISO 7328 : 1999)

This European Standard was approved by CEN on 1999-11-13.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of 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.

CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 7328 : 1999 Milk-based edible ices and ice mixes – Determination of fat content – Gravimetric method (Reference method),

which was prepared by ISO/TC 34 'Agricultural food products' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 302 'Milk and milk products – Methods of sampling and analysis', the Secretariat of which is held by NNI, 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 June 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 7328 : 1999 was approved by CEN as a European Standard without any modification.

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WARNING — The use of this International Standard may involve hazardous materials, operations and equipment. This standard does not purport to address all the safety problems associated with its use. It is the responsibility of the user of this standard to establish safety and health practices and determine the applicability of regulatory limitations prior to use.

1 Scope

This International Standard specifies the reference method for the determination of the fat content of most milk-based edible ices and ice mixes.

The method is also applicable to concentrated and dried ice mixes.

The method is not applicable to some milk-based edible ices and ice-mixes, in which the level of emulsifier, stabilizer or thickening agent or of egg yolk or of fruits, or of combinations of these constituents makes the Röse-Gottlieb method unsuitable. With such products, recourse should be made to a method utilizing the Weibull-Berntrop principle (see ISO 8262-2).

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, this publication do not apply. However, parties to agreement based on this International Standard 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 3889, *Milk and milk products — Determination of fat content — Mojonnier-type fat extraction flasks.*

3 Term and definition

For the purposes of this International Standard, the following term and definition apply.

3.1

fat content of milk-based edible ices and ice mixes

mass fraction of substances determined by the procedure specified in this International Standard

NOTE The fat content is expressed as a mass fraction, in percent [formerly given as % (m/m)].

4 Principle

An ammoniacal ethanolic solution of a test portion is extracted with diethyl ether and light petroleum. The solvents are removed by distillation or evaporation. The mass of the substances extracted is determined.

NOTE This is usually known as the Röse-Gottlieb principle.