

Milk based infant foods — Determination of fat content — Gravimetric method (Reference method)

The European Standard EN ISO 8381:2000 has the status of a
British Standard

ICS 67.230

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents



Document Sharing Hub

National foreword

This British Standard is the official English language version of EN ISO 8381:2000. It is identical with ISO 8381:1999. It supersedes BS 7142-1:1989 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee AW/5, Chemical analysis of milk and milk products, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 15 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 June 2000

© BSI 06-2000

ISBN 0 580 34115 1

Amendments issued since publication

Amd. No.	Date	Comments

English version

Milk-based infant foods - Determination of fat content -
Gravimetric method (Reference method) (ISO 8381:2000)

Aliments à base de lait pour enfants en bas âge -
Détermination de la teneur en matière grasse - Méthode
gravimétrique (Méthode de référence) (ISO 8381:2000)

Säuglingsnahrung auf Milchbasis - Bestimmung des
Fettgehaltes - Gravimetrisches Verfahren
(Referenzverfahren) (ISO 8381:2000)

This European Standard was approved by CEN on 24 December 1999.

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.

This European Standard exists 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Foreword

The text of the International Standard ISO 8381:2000 has been prepared by Technical Committee ISO/TC 34 "Agricultural food products" in collaboration with Technical Committee CEN/TC 302 "Milk and milk products - Methods of sampling and analysis", the secretariat of which is held by NNI.

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 September 2000, and conflicting national standards shall be withdrawn at the latest by September 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8381:2000 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

EN ISO 8381:2000

ISO
8381

Second edition
2000-03-01

Milk-based infant foods — Determination of fat content — Gravimetric method (Reference method)

*Aliments à base de lait pour enfants en bas âge — Détermination de la
teneur en matière grasse — Méthode gravimétrique (Méthode de
référence)*



Reference number
ISO 8381:2000(E)

AVA **Documents**
Document Sharing Hub

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative reference	1
3 Term and definition	1
4 Principle	2
5 Reagents.....	2
6 Apparatus	2
7 Sampling.....	3
8 Preparation of test sample.....	4
8.1 Liquid products.....	4
8.2 Viscous or pasty products.....	4
8.3 Dried products	4
9 Procedure	4
9.1 Test portion	4
9.2 Blank tests.....	4
9.3 Preparation of fat-collecting vessel	5
9.4 Determination.....	5
10 Calculation and expression of results.....	7
10.1 Calculation.....	7
10.2 Expression of results	8
11 Precision.....	8
11.1 Interlaboratory test	8
11.2 Repeatability.....	8
11.3 Reproducibility.....	8
12 Test report	9
Annex A (informative) Notes on procedures.....	10
Annex B (informative) Alternative procedure using fat-extraction tubes with siphon or wash-bottle fittings	12
Bibliography	15

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8381 was prepared by Technical Committee ISO/TC 34, *Agricultural food products*, Subcommittee SC 5, *Milk and milk products*, in collaboration with the International Dairy Federation (IDF) and AOAC International, and will also be published by these organizations.

This second edition cancels and replaces the first edition (ISO 8381:1987), which has been technically revised.

Annexes A and B of this International Standard are for information only.