

Trace elements in milk and milk products —

Part 1: Method for the determination of copper content (reference method)

[ISO title: Milk and milk products — Determination of copper
content — Photometric reference method]

[637.12/.14].068.07:543.064:546.56

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Dairying Standards Committee (DAC/-) to Technical Committee DAC/3 upon which the following bodies were represented:

- Association of British Manufacturers of Milk Powder
- Association of Condensed Milk Manufacturers
- British Food Manufacturing Industries Research Association
- Creamery Proprietors' Association
- Dairy Trade Federation
- Department of Industry (Laboratory of The Government Chemist)
- Hannah Research Institute
- Ice Cream Alliance Limited
- Intervention Board For Agricultural Produce
- Joint Committee of The Milk Marketing Board and The Dairy Trade Federation
- Milk Marketing Board
- Milk Marketing Board For Northern Ireland
- Ministry of Agriculture, Fisheries and Food
- National Institute For Research in Dairying
- Royal Association of British Dairy Farmers
- Royal Society of Chemistry
- Society of Chemical Industry
- Society of Dairy Technology
- The Association of Public Analysts of Scotland
- University of Reading

This British Standard, having been prepared under the direction of the Dairying Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1983

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The following BSI references relate to the work on this standard:
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National foreword

This Part of BS 6394, which has been prepared under the direction of the Dairying Standards Committee, is identical with ISO 5738:1980 (including Erratum, published 1981) “*Milk and milk products — Determination of copper content — Photometric reference method*”, prepared by ISO/TC 34, Agricultural food products, of the International Organization for Standardization (ISO).

The method described in this International Standard was developed jointly with the International Dairy Federation (IDF) and the Association of Official Analytical Chemists (AOAC) and will also be published by those organizations. The other Parts of this British Standard, in course of preparation at the time of publication of Part 1, are as follows:

— *Part 2: Method for the determination of iron content (reference method)* (to be identical with ISO 6732);

— *Part 3: Method for the determination of lead content (reference method)* (to be identical with ISO 6733).

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references. With reference to **6.9**, class A graduated pipettes complying with BS 700 “*Graduated pipettes*”, Part 2:1982 “*Specification for pipettes for which no waiting time is specified*”, may be used in place of those complying with ISO/R 835, class A.

With reference to **6.10**, class A one-mark pipettes complying with BS 1583:1961 “*One-mark pipettes*” may be used in place of those complying with ISO/R 648, class A.

With reference to clause **7**, the methods for sampling given in BS 809:1974 “*Methods for sampling milk and milk products*”, which is related to ISO/R 707, may be employed. ISO/R 707 is being revised and it is expected that the revision will be published, when available, as a dual-numbered revision of BS 809.

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

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This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.