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Methods for

Chemical analysis of cheese —

Part 9: Determination of nitrate and nitrite contents — Cadmium reduction and photometry method

NOTE This Part should be read in conjunction with Part 1 “*General introduction*”, published separately.

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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 Preserved Milk Manufacturers
- Association of Public Analysts
- Association of Public Analysts of Scotland
- Creamery Proprietors' Association
- Dairy Trade Federation
- Department of Trade and Industry (Laboratory of the Government Chemist)
- 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
- 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 30 August 1985

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National foreword

This revision of this Part of BS 770, which has been prepared under the direction of the Dairying Standards Committee, is identical with ISO 4099:1984 “*Cheese — Determination of nitrate and nitrite contents — Method by cadmium reduction and photometry*”, prepared by ISO/TC 34, Agricultural food products, of the International Organization for Standardization (ISO). It supersedes BS 770-9:1980, which is withdrawn.

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.

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

The spelling “sulfur” is used throughout for that element and its derivatives. In British Standards it is current practice to use the spelling “sulphur”.

Cross-reference. The Technical Committee has reviewed the provisions of ISO 707:1984, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related standard is BS 809 “*Methods for sampling milk and milk products*”, which is in course of revision.

Additional information. With reference to 8.4, for some hard cheeses, it is often advantageous to grate the cheese, rather than grinding, prior to mixing (kneading).

NOTE *Typographical error.* In 5.1, the chemical formula for cadmium sulfate octahydrate should read “ $3\text{CdSO}_4 \cdot 8\text{H}_2\text{O}$ ”.

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, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

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.