

Caseins and caseinates —

Part 4: Method for determination of pH (reference method)

[ISO title: Caseins and caseinates — Determination of pH
(Reference method)]

NOTE This Part should be read in conjunction with Part 1 “*General introduction, including preparation of laboratory samples*”, published separately.

UDC 637.147.2.04:543.257.1

National foreword

This Part of BS 6248, which has been prepared under the direction of the Dairying Standards Committee, is identical with ISO 5546:1979 “*Caseins and caseinates — Determination of pH (Reference method)*”, prepared by ISO/TC 34 Agricultural food products, of the International Organization for Standardization in cooperation with the International Dairy Federation (IDF) and the Association of Official Analytical Chemists (AOAC).

This Part of the standard supersedes clause 11 of BS 1416:1962 “*Methods for the sampling and analysis of rennet casein*” and clause 12 of BS 1417:1963 “*Methods for the sampling and analysis of acid casein*”, which are deleted by amendment.

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 especially drawn to the following. The comma has been used throughout 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”.

Cross-references. Related British Standards for ISO 3310-1 and ISO/R 707, referred to in the text, are respectively BS 410:1976 “*Specification for test sieves*” and BS 809:1974 “*Methods for sampling milk and milk products*”.

With reference to 6.7, a wire cloth test sieve of aperture size 500 µm, complying with BS 410:1976 is suitable. With reference to clause 7, the methods for sampling given in BS 809:1974 may be employed.

Additional information. Although a minimum sensitivity of 0.05 pH unit is specified (see 6.2) a pH meter of sensitivity not worse than 0.01 pH unit will be required when analysing caseinates in order that the result can be reported to two decimal places (see 9.1.2).

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 and 2, 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.

Amendments issued since publication

Amd. No.	Date of issue	Comments

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 June 1982

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The following BSI references relate to the work on this standard:
Committee reference DAC/3
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