

Microbiological examination for dairy purposes —

Part 3: Methods for detection and/or enumeration of specific groups of microorganisms —

Section 3.10 *Staphylococcus aureus* —

Subsection 3.10.1 Enumeration using the colony count technique

NOTE It is essential that Parts 0 and 1, which are published separately, are read in conjunction with this Subsection.

UDC 637.1.055.07:579.8:620.1

Foreword

This Subsection of BS 4285 has been prepared under the direction of the Dairying Standards Committee. It supersedes 1.17.2 and 1.17.4 of BS 4285:1968, which are deleted by amendment.

The method described in this Subsection is the most direct and most accurate and should be used where appropriate in preference to the methods described in Subsections 3.10.2 and 3.10.3, which are published separately. If 140 mm Petri dishes are used, the method is suitable for detecting concentrations of coagulase-positive *Staphylococcus aureus* as low as 1 c.f.u.¹⁾/mL in the test sample or primary dilution.

The method described in Subsection 3.10.2 should be used when enumeration is not needed and it is only required to know whether coagulase-positive *Staphylococcus aureus* is present or absent in a known quantity of the test sample.

If enumeration of coagulase-positive *Staphylococcus aureus* at levels lower than about 1 c.f.u./mL of test sample or primary dilution is required, the method using the most probable number technique, as described in Subsection 3.10.3, should be used but a limitation of that method is its large inherent error.

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.

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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 July 1989

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BS 4285 first published March 1968
Supplement No. 1 to BS 4285:1968 first published April 1970
First revision, Subsection 3.10.1

The Committees responsible for this standard are shown in Part 0. The following BSI references relate to the work on this standard:
Committee reference DAC/4
Draft for comment 87/53479 DC

ISBN 0 580 17089 6

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.

¹⁾ Colony forming unit.

Amendments issued since publication

Amd. No.	Date of issue	Comments

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